

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081800.D
 Acq On : 18 Apr 2024 20:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2024
 Supervised By : Mahesh Dadoda 04/19/2024

Quant Time: Apr 19 02:13:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	251088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111509	31.560	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	63.120%#		
35) Dibromofluoromethane	8.171	113	141171	73.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	147.700%#		
50) Toluene-d8	10.571	98	263027	37.350	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	74.700%#		
62) 4-Bromofluorobenzene	12.847	95	90166	37.468	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	74.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	55517	17.459	ug/l	96
3) Chloromethane	2.359	50	117756	43.408	ug/l	97
4) Vinyl Chloride	2.512	62	172662	44.366	ug/l	98
5) Bromomethane	2.948	94	115230	49.005	ug/l	100
6) Chloroethane	3.112	64	123840	53.479	ug/l	92
7) Trichlorofluoromethane	3.483	101	88600	17.630	ug/l	96
8) Diethyl Ether	3.965	74	30718	17.412	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	47929	15.227	ug/l	98
10) Methyl Iodide	4.589	142	48876	28.930	ug/l	90
11) Tert butyl alcohol	5.518	59	51768	107.410	ug/l	99
12) 1,1-Dichloroethene	4.336	96	47965	16.078	ug/l	90
13) Acrolein	4.177	56	49901	97.394	ug/l	97
14) Allyl chloride	5.024	41	69204	18.279	ug/l	99
15) Acrylonitrile	5.712	53	208310	156.614	ug/l	98
16) Acetone	4.430	43	89869	91.388	ug/l	97
17) Carbon Disulfide	4.712	76	139761	16.118	ug/l	100
18) Methyl Acetate	5.024	43	53762	19.546	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	255719	29.451	ug/l	99
20) Methylene Chloride	5.277	84	58641	18.838	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	78992	26.363	ug/l	96
22) Diisopropyl ether	6.671	45	282317	34.266	ug/l	95
23) Vinyl Acetate	6.600	43	1053446	163.804	ug/l	99
24) 1,1-Dichloroethane	6.565	63	151311	27.913	ug/l	98
25) 2-Butanone	7.483	43	274714	169.458	ug/l	93
26) 2,2-Dichloropropane	7.488	77	144120	30.499	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	111752	30.489	ug/l	97
28) Bromochloromethane	7.812	49	98786	42.684	ug/l	94
29) Tetrahydrofuran	7.835	42	292837	279.205	ug/l	94
30) Chloroform	7.965	83	303155	49.319	ug/l	99
31) Cyclohexane	8.253	56	203800	42.048	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	268002	49.168	ug/l	97
36) 1,1-Dichloropropene	8.371	75	137479	51.619	ug/l	98
37) Ethyl Acetate	7.553	43	133156	60.843	ug/l	99
38) Carbon Tetrachloride	8.365	117	161182	52.018	ug/l	98
39) Methylcyclohexane	9.600	83	98033	31.244	ug/l	97
40) Benzene	8.612	78	389843	46.990	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	107688	90.644	ug/l	96
42) 1,2-Dichloroethane	8.671	62	202449	70.002	ug/l	97
43) Isopropyl Acetate	8.688	43	286538	70.179	ug/l	99
44) Trichloroethene	9.353	130	69864	32.382	ug/l	94
45) 1,2-Dichloropropane	9.624	63	67555	35.318	ug/l	97
46) Dibromomethane	9.706	93	52367	32.802	ug/l	98
47) Bromodichloromethane	9.888	83	100898	33.085	ug/l #	94
48) Methyl methacrylate	9.682	41	67846	40.770	ug/l	93
49) 1,4-Dioxane	9.694	88	30496	730.668	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	504631	222.210	ug/l	96
52) Toluene	10.629	92	196243	37.239	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	110583	36.401	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	110955	34.286	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	70498	35.612	ug/l	97
56) Ethyl methacrylate	10.876	69	116086	42.619	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	119809	36.157	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	295425	204.982	ug/l	95
59) 2-Hexanone	11.194	43	378133	230.012	ug/l	99
60) Dibromochloromethane	11.359	129	85980	35.934	ug/l	96
61) 1,2-Dibromoethane	11.471	107	74544	36.099	ug/l	99
64) Tetrachloroethene	11.106	164	80471	47.635	ug/l	96
65) Chlorobenzene	11.894	112	219078	47.817	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	75805	48.500	ug/l	99
67) Ethyl Benzene	11.965	91	378320	52.458	ug/l	98
68) m/p-Xylenes	12.070	106	311850	111.200	ug/l	97
69) o-Xylene	12.400	106	149890	55.771	ug/l	96
70) Styrene	12.412	104	257601	58.506	ug/l	98
71) Bromoform	12.576	173	68098	56.465	ug/l #	100
73) Isopropylbenzene	12.700	105	384515	46.757	ug/l	100
74) N-amyl acetate	12.494	43	161428	53.937	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	105500	43.666	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	95648m	47.737	ug/l	
77) Bromobenzene	12.982	156	94484	45.066	ug/l	95
78) n-propylbenzene	13.035	91	442380	46.358	ug/l	99
79) 2-Chlorotoluene	13.123	91	260657	43.821	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	320787	47.752	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	42046	46.913	ug/l	95
82) 4-Chlorotoluene	13.223	91	261805	44.553	ug/l	97
83) tert-Butylbenzene	13.441	119	283386	48.164	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	330778	48.815	ug/l	97
85) sec-Butylbenzene	13.617	105	393048	47.871	ug/l	100
86) p-Isopropyltoluene	13.729	119	341335	50.721	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	187550	47.861	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	180751	45.234	ug/l	99
89) n-Butylbenzene	14.059	91	269838	45.860	ug/l	99
90) Hexachloroethane	14.335	117	60455	42.201	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	178618	47.095	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20416	45.306	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	101645	50.875	ug/l	97
94) Hexachlorobutadiene	15.500	225	36555	42.444	ug/l	97
95) Naphthalene	15.641	128	328411	51.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	101355	49.618	ug/l	95

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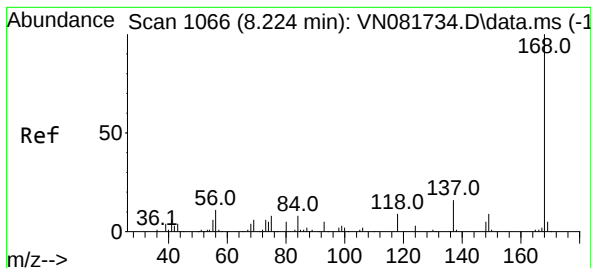
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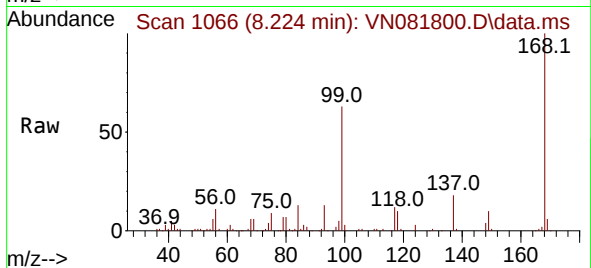
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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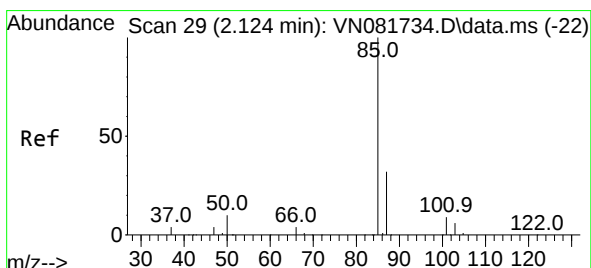
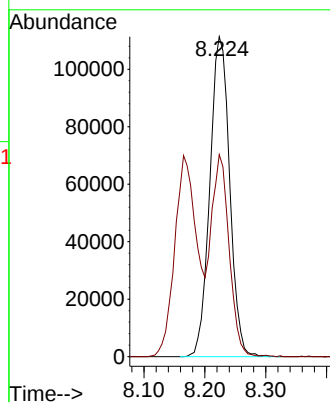
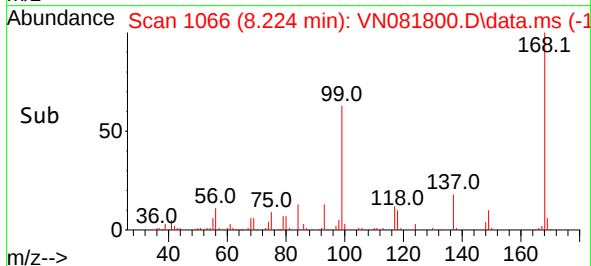
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 251088
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4

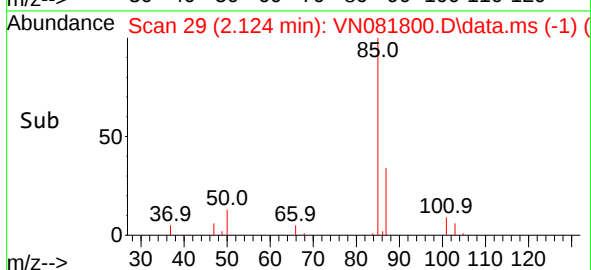
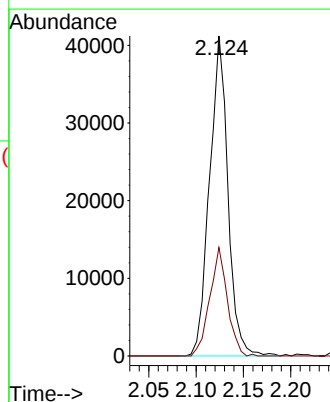
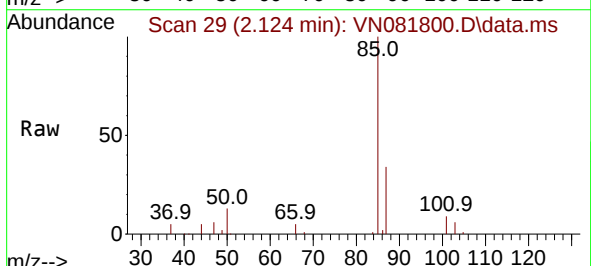
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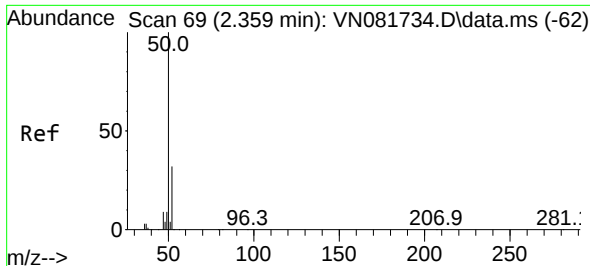
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#2
Dichlorodifluoromethane
Concen: 17.459 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

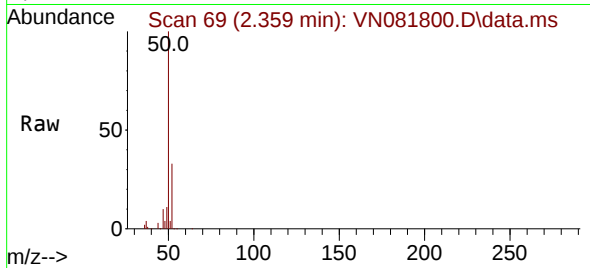
Tgt Ion: 85 Resp: 55517
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.4





#3
Chloromethane
Concen: 43.408 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

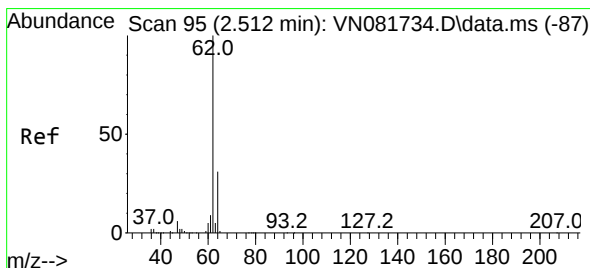
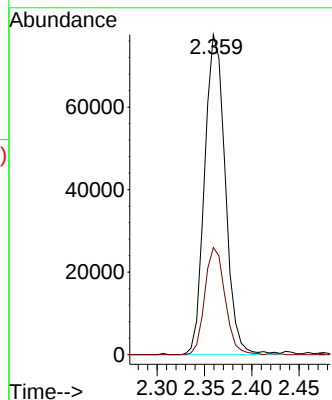
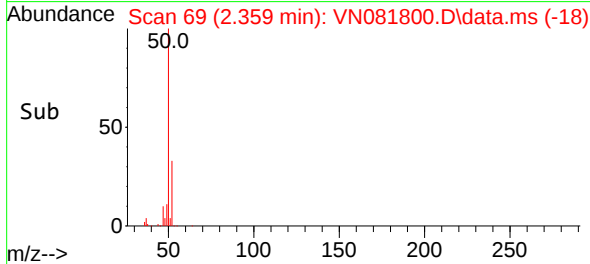
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Tgt Ion: 50 Resp: 117750
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

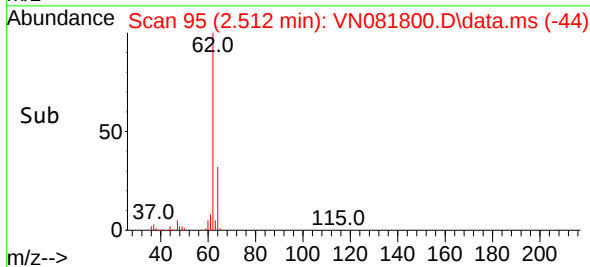
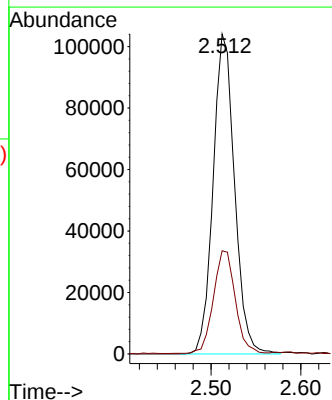
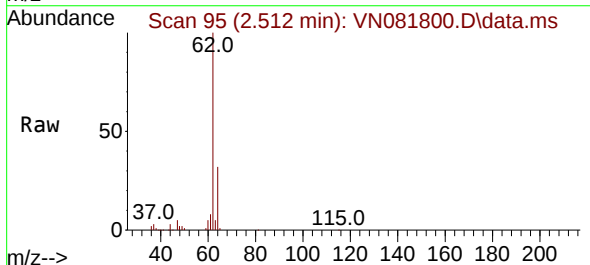
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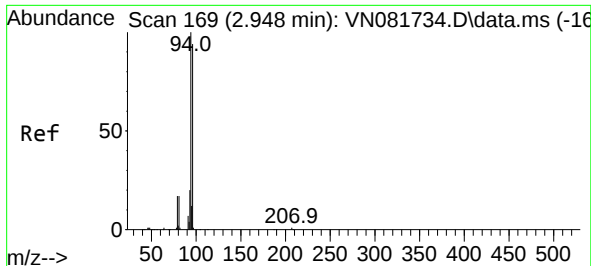
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#4
Vinyl Chloride
Concen: 44.366 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN081800.D
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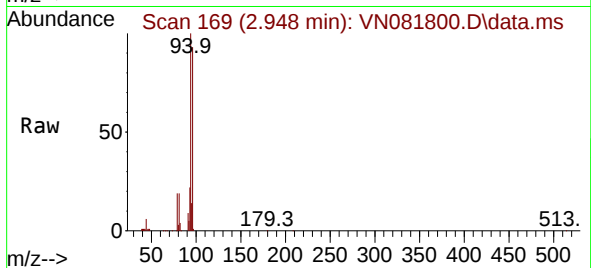
Tgt Ion: 62 Resp: 172662
Ion Ratio Lower Upper
62 100
64 32.1 24.6 37.0





#5
Bromomethane
Concen: 49.005 ug/l
RT: 2.948 min Scan# 115230
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

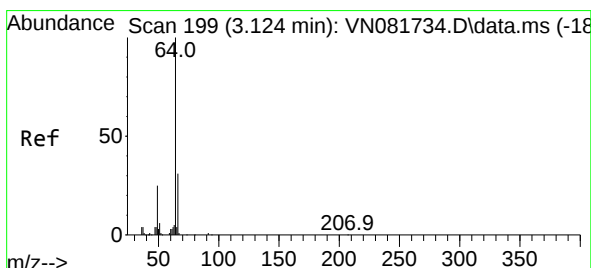
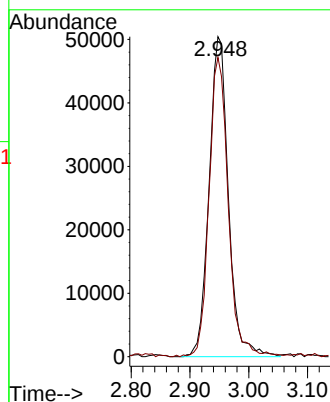
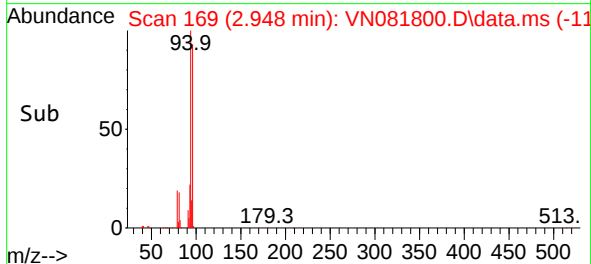
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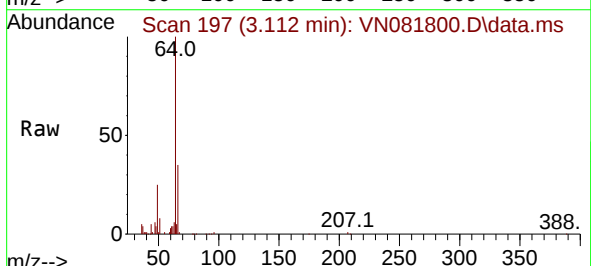
Tgt Ion: 94 Resp: 115230
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2

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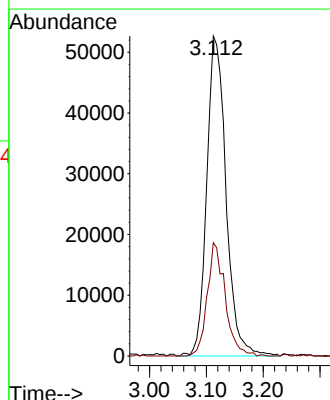
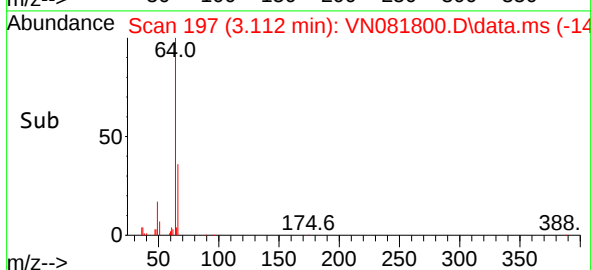
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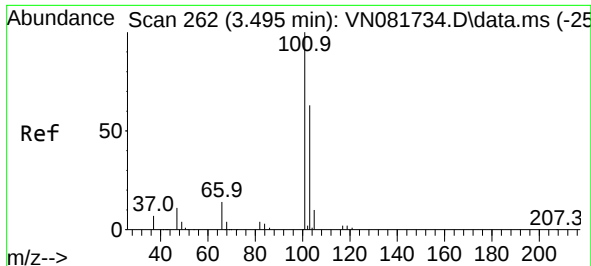


#6
Chloroethane
Concen: 53.479 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18



Tgt Ion: 64 Resp: 123840
Ion Ratio Lower Upper
64 100
66 35.4 24.7 37.1





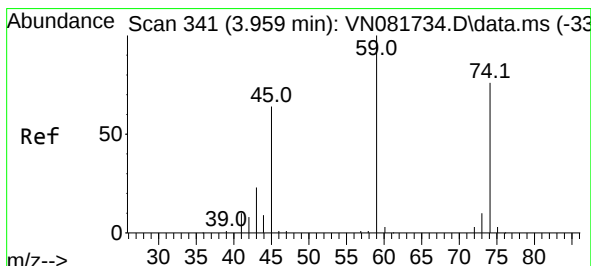
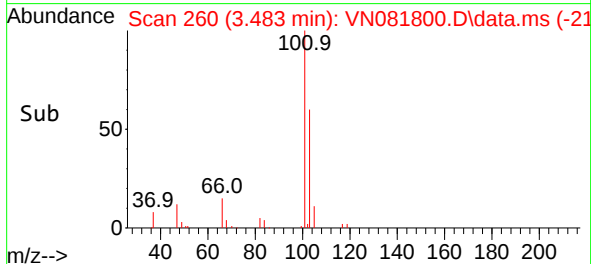
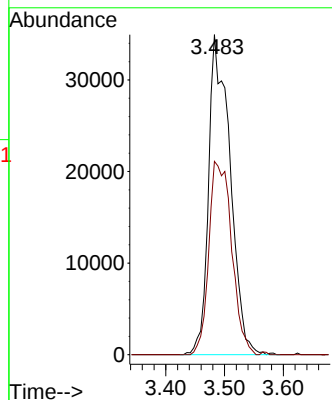
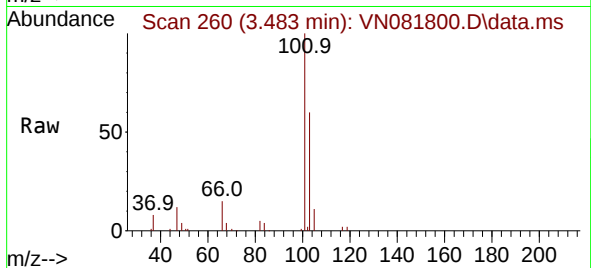
#7
Trichlorofluoromethane
Concen: 17.630 ug/l
RT: 3.483 min Scan# 20
Delta R.T. -0.012 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

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Tgt Ion:101 Resp: 88600
Ion Ratio Lower Upper
101 100
103 60.4 50.6 75.8

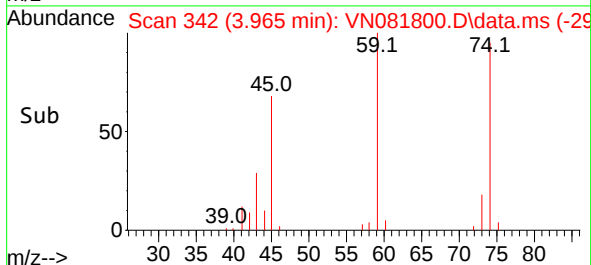
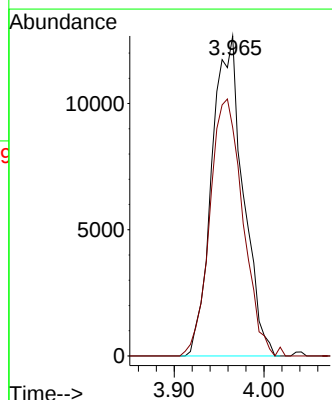
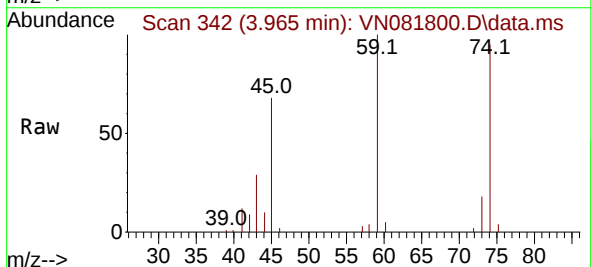
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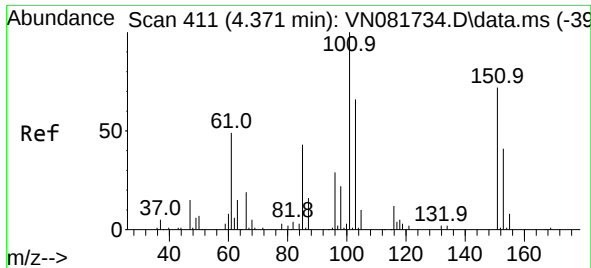
Reviewed By :John Carlone 04/19/2024
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#8
Diethyl Ether
Concen: 17.412 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Tgt Ion: 74 Resp: 30718
Ion Ratio Lower Upper
74 100
45 84.6 42.4 127.3





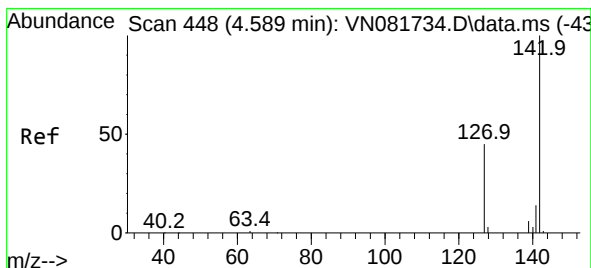
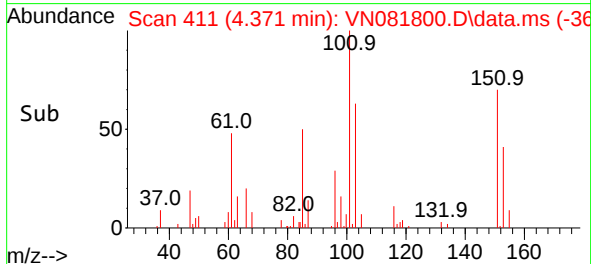
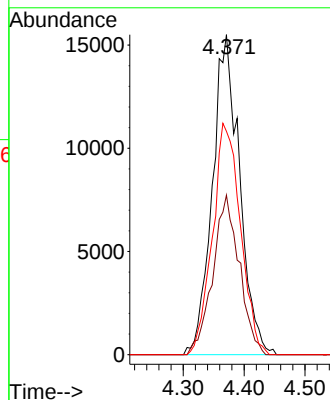
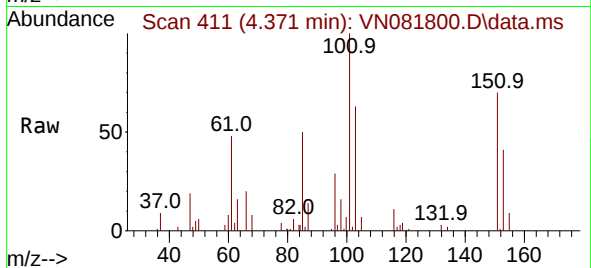
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.227 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 47929
Ion Ratio Lower Upper
101 100
85 48.8 37.3 55.9
151 74.6 59.2 88.8

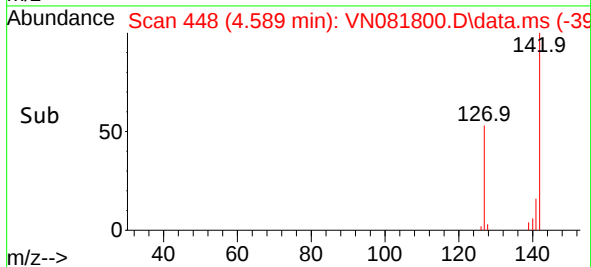
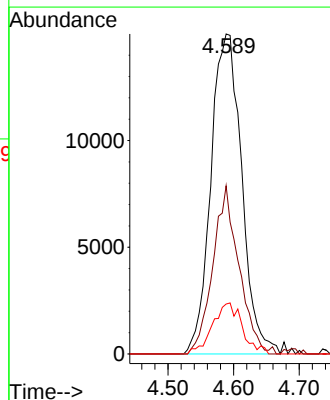
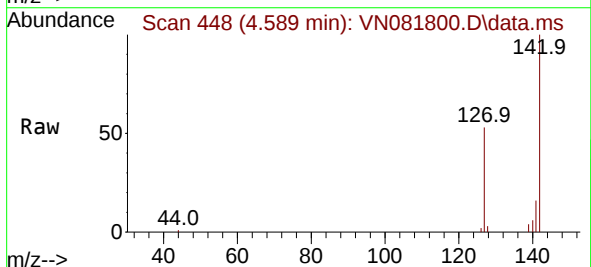
Manual Integrations
APPROVED

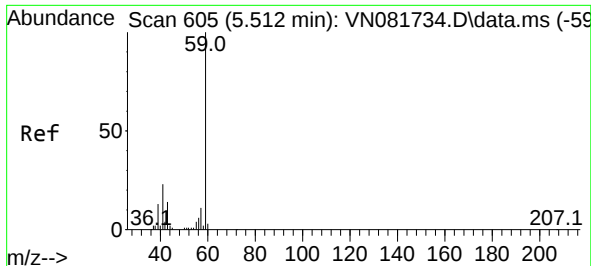
Reviewed By :John Carbone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#10
Methyl Iodide
Concen: 28.930 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

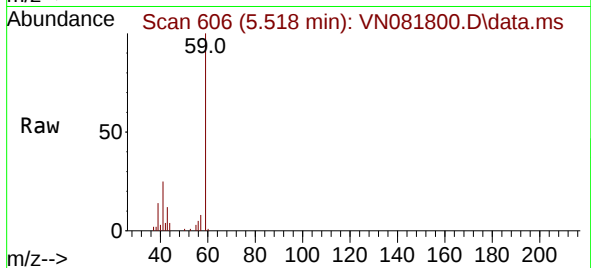
Tgt Ion:142 Resp: 48876
Ion Ratio Lower Upper
142 100
127 52.6 35.8 53.6
141 15.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 107.410 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

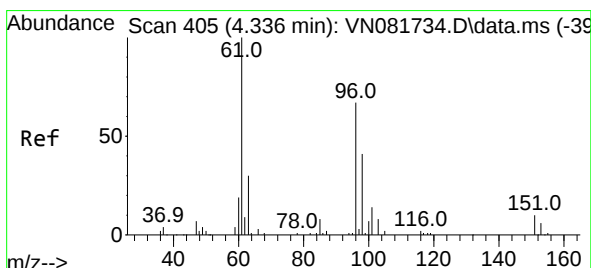
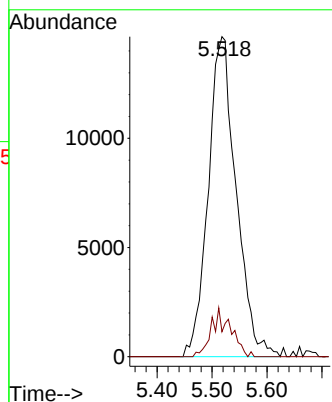
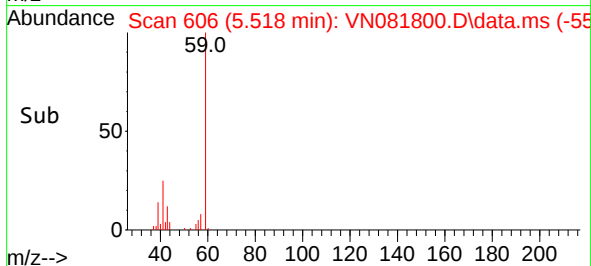
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



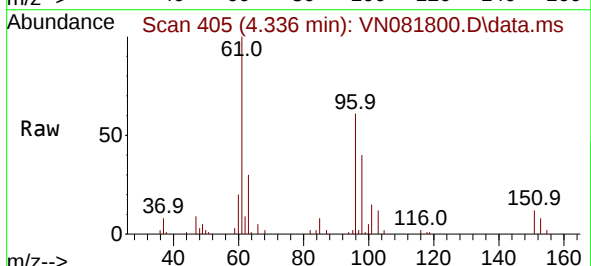
Tgt Ion: 59 Resp: 51768
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

Manual Integrations
APPROVED

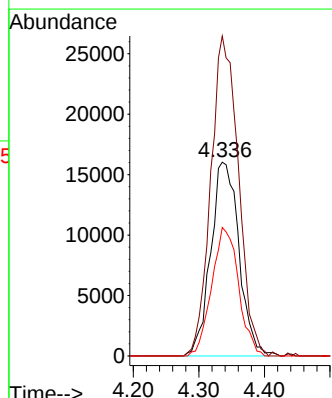
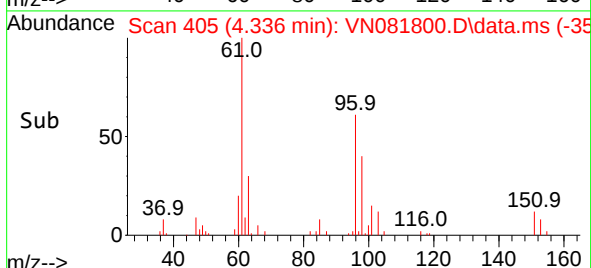
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

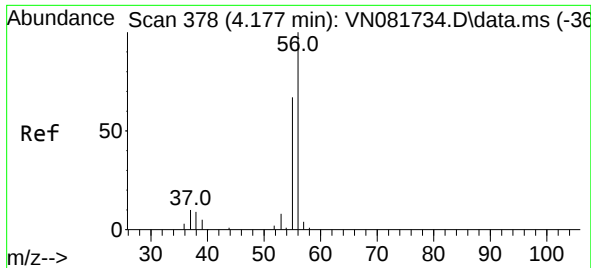


#12
1,1-Dichloroethene
Concen: 16.078 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18



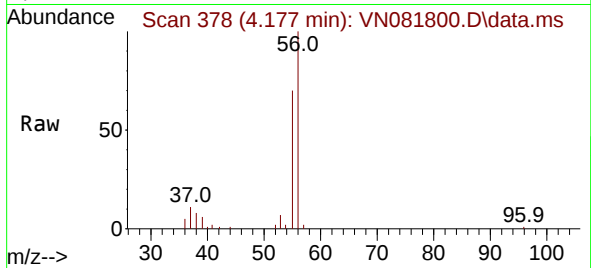
Tgt Ion: 96 Resp: 47965
Ion Ratio Lower Upper
96 100
61 165.2 119.7 179.5
98 66.3 49.6 74.4





#13
Acrolein
Concen: 97.394 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

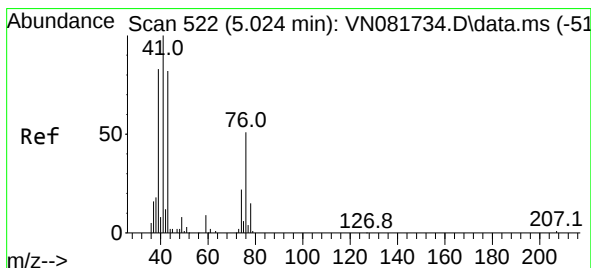
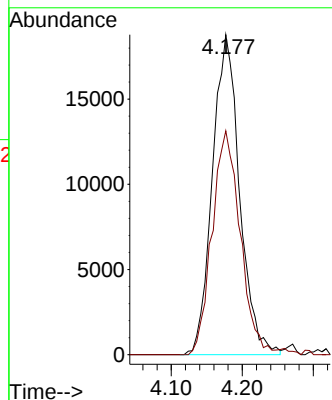
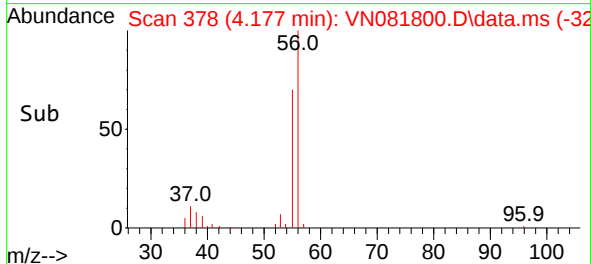
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 4990
Ion Ratio Lower Upper
56 100
55 72.3 55.8 83.8

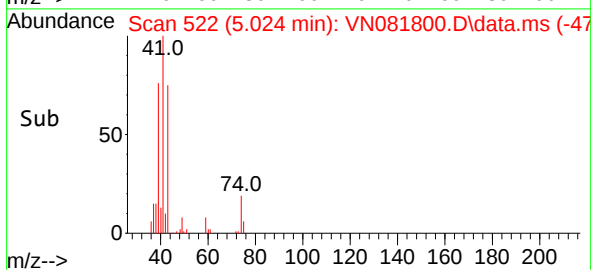
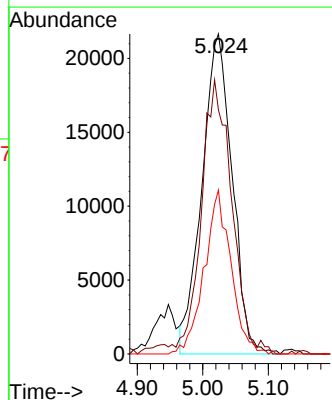
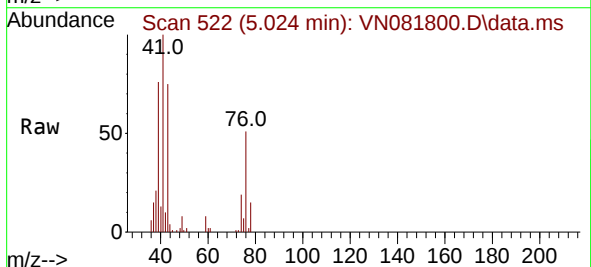
Manual Integrations
APPROVED

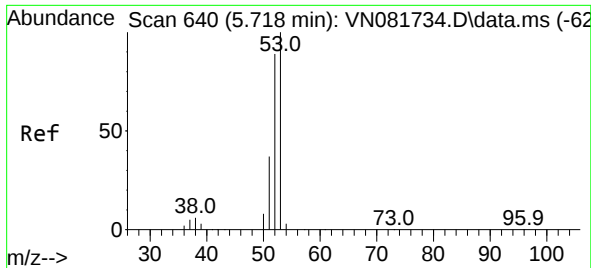
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#14
Allyl chloride
Concen: 18.279 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

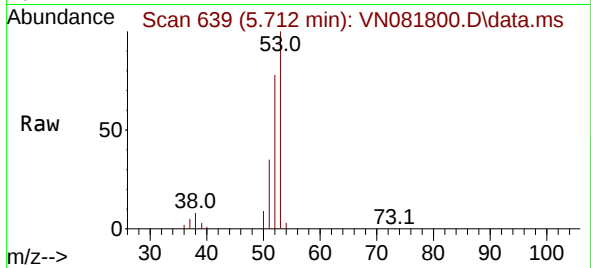
Tgt Ion: 41 Resp: 69204
Ion Ratio Lower Upper
41 100
39 82.3 65.4 98.0
76 45.5 37.3 55.9





#15
Acrylonitrile
Concen: 156.614 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

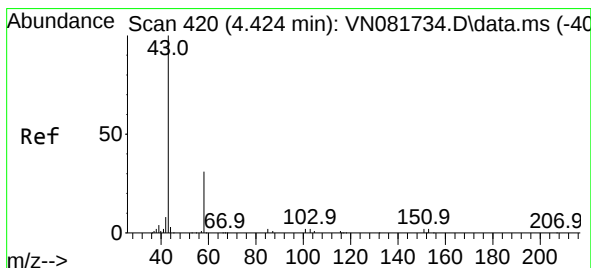
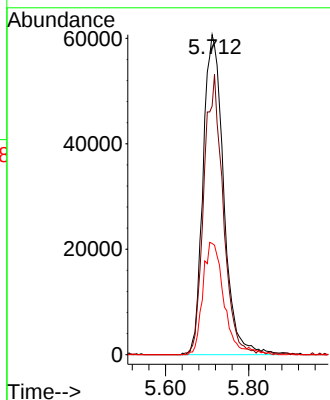
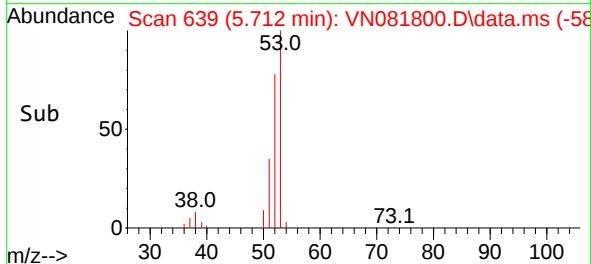
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 208310
Ion Ratio Lower Upper
53 100
52 81.7 66.1 99.1
51 35.1 29.4 44.2

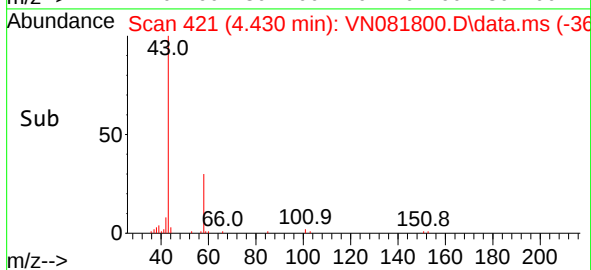
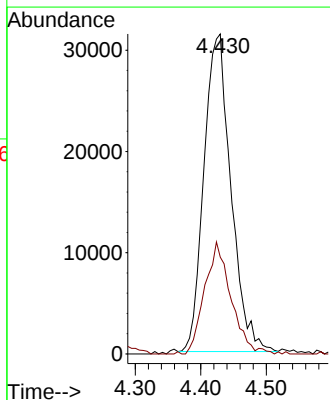
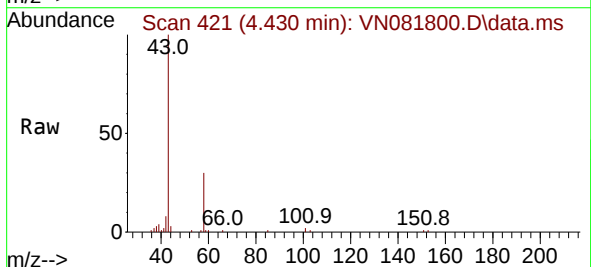
Manual Integrations
APPROVED

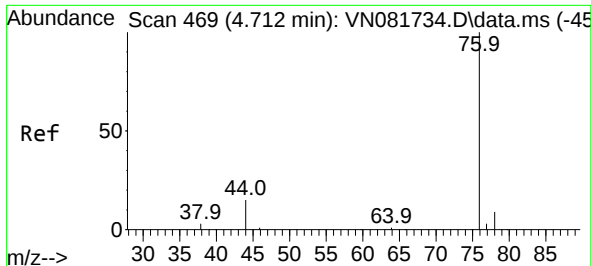
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#16
Acetone
Concen: 91.388 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

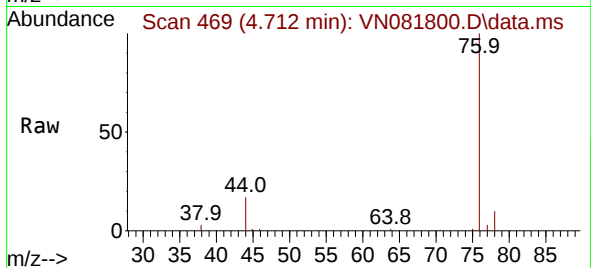
Tgt Ion: 43 Resp: 89869
Ion Ratio Lower Upper
43 100
58 29.8 25.2 37.8





#17
Carbon Disulfide
Concen: 16.118 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

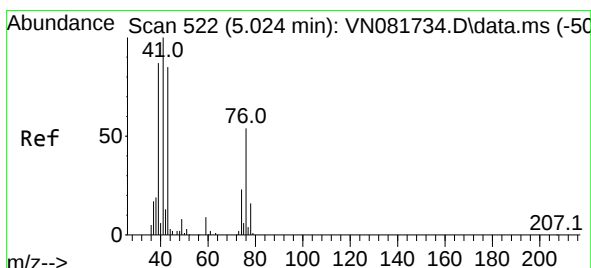
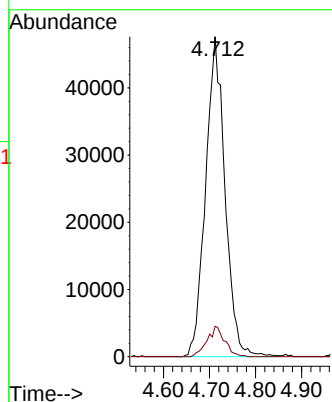
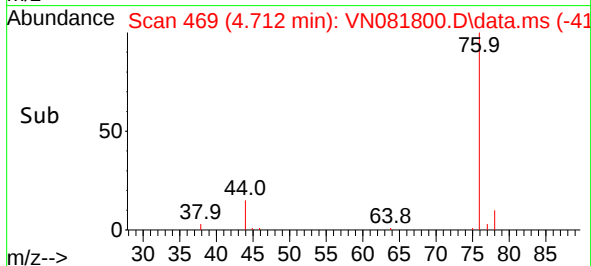
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 13976
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

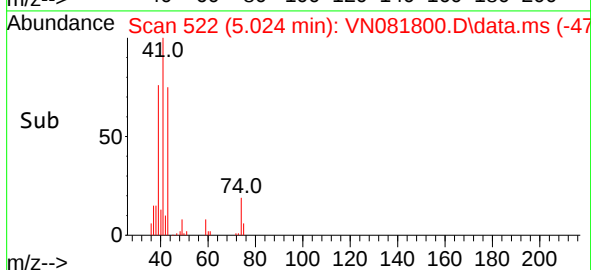
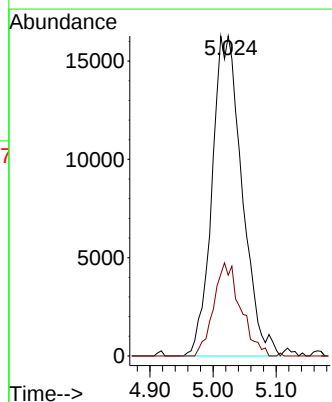
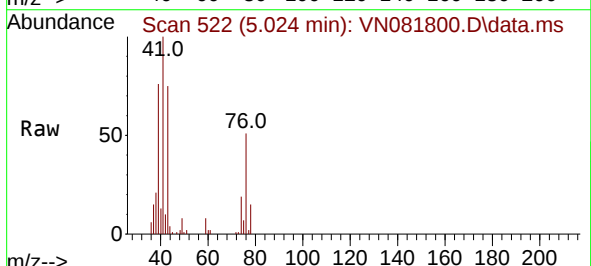
Manual Integrations
APPROVED

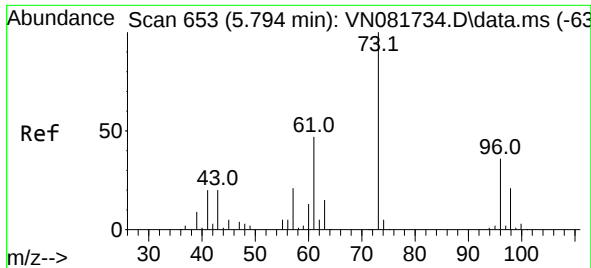
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#18
Methyl Acetate
Concen: 19.546 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Tgt Ion: 43 Resp: 53762
Ion Ratio Lower Upper
43 100
74 26.2 22.2 33.2





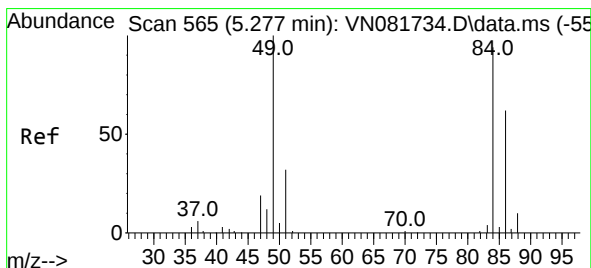
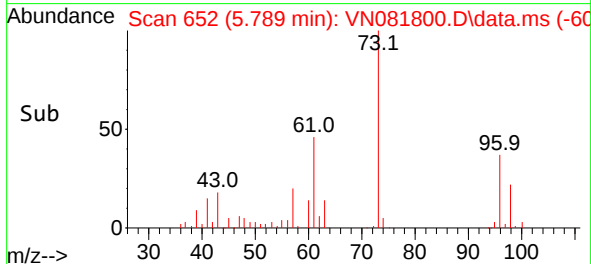
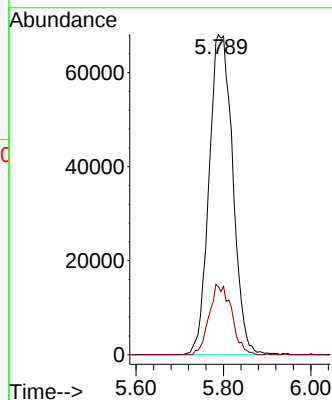
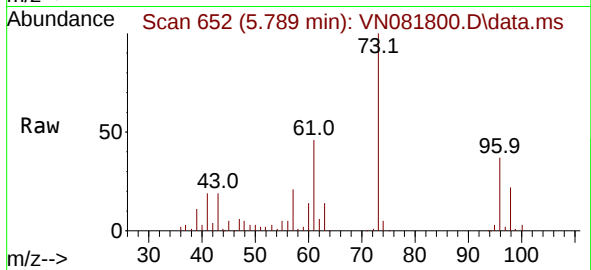
#19
Methyl tert-butyl Ether
Concen: 29.451 ug/l
RT: 5.789 min Scan# 619
Delta R.T. -0.005 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 255719
Ion Ratio Lower Upper
73 100
57 21.3 16.5 24.7

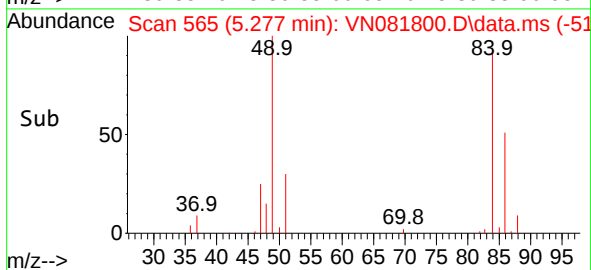
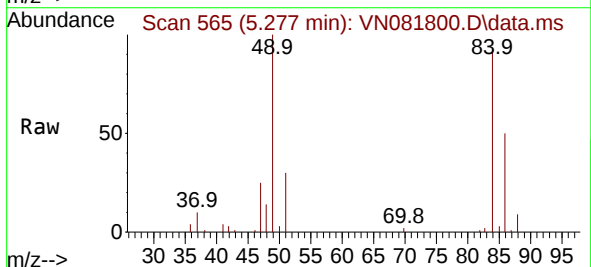
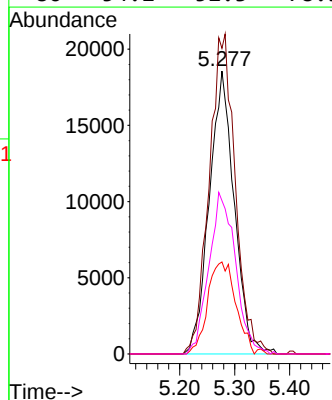
Manual Integrations
APPROVED

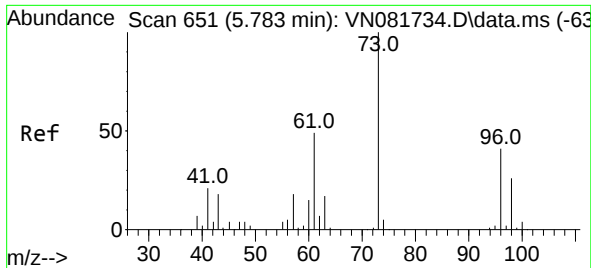
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#20
Methylene Chloride
Concen: 18.838 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

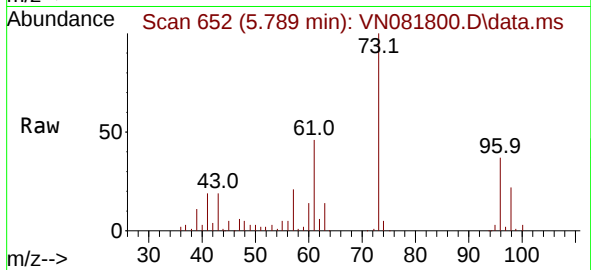
Tgt Ion: 84 Resp: 58641
Ion Ratio Lower Upper
84 100
49 108.1 84.9 127.3
51 32.5 27.0 40.6
86 54.2 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 26.363 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

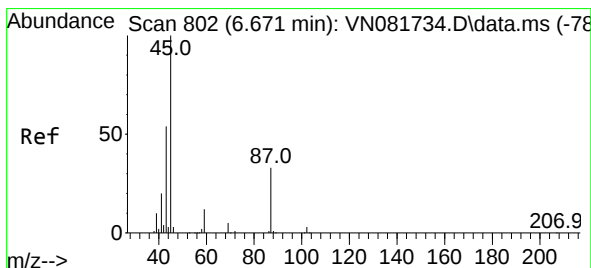
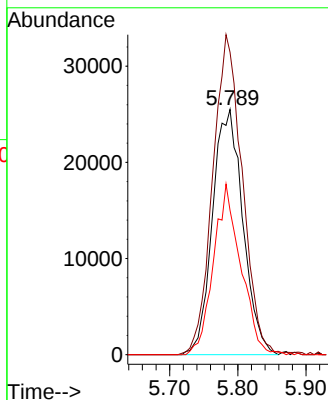
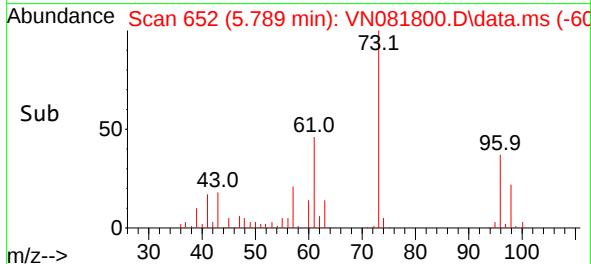
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 78992
Ion Ratio Lower Upper
96 100
61 123.3 96.5 144.7
98 58.9 51.3 76.9

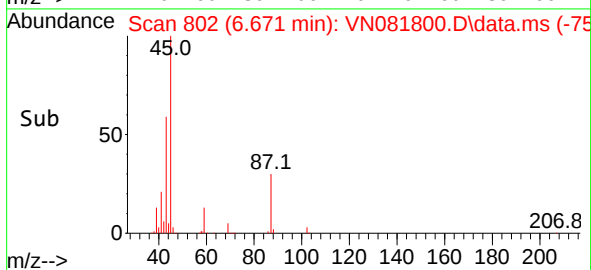
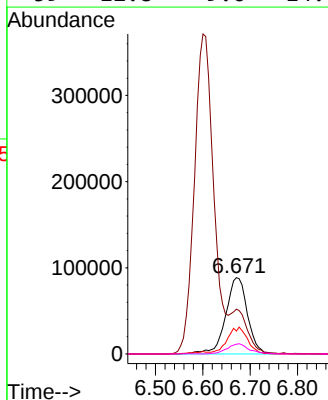
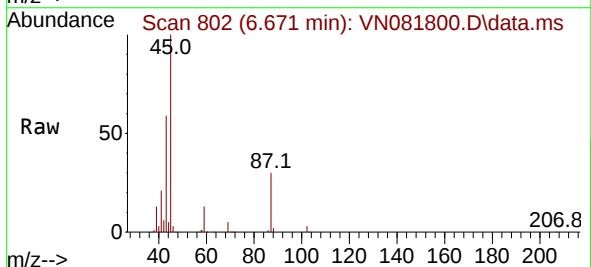
Manual Integrations
APPROVED

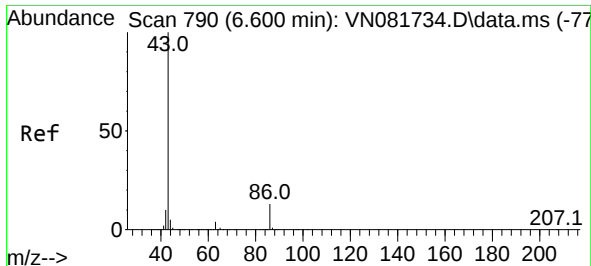
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#22
Diisopropyl ether
Concen: 34.266 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

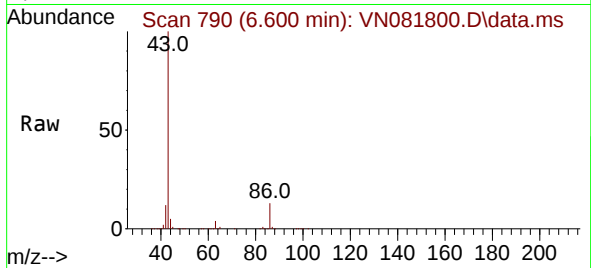
Tgt Ion: 45 Resp: 282317
Ion Ratio Lower Upper
45 100
43 58.0 44.1 66.1
87 29.9 27.0 40.6
59 12.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 163.804 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081800.D
 Acq: 18 Apr 2024 20:18

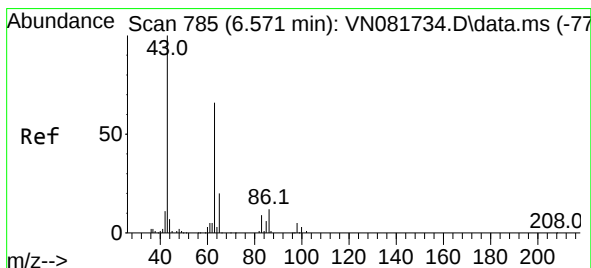
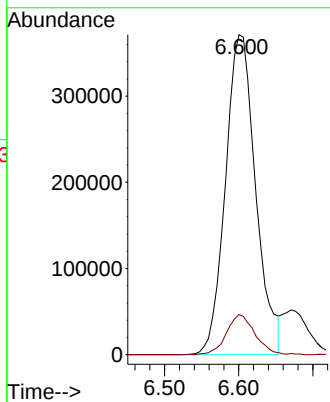
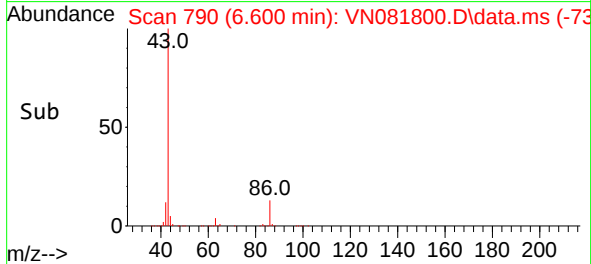
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



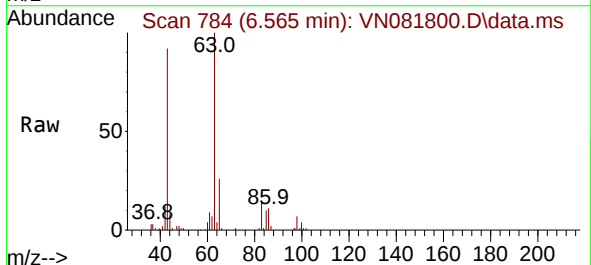
Tgt Ion: 43 Resp: 105344
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.2 15.4

Manual Integrations
 APPROVED

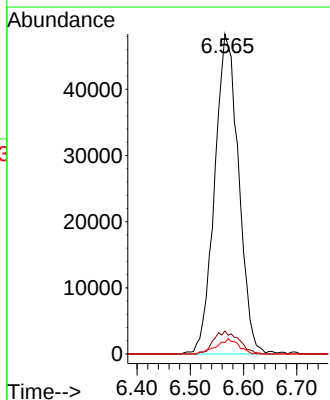
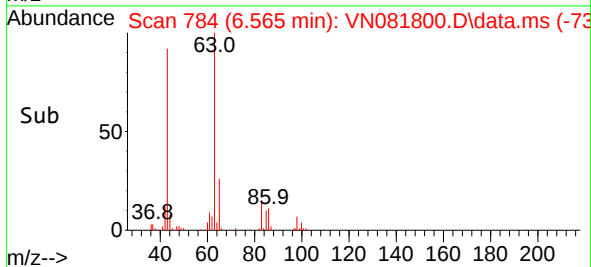
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024

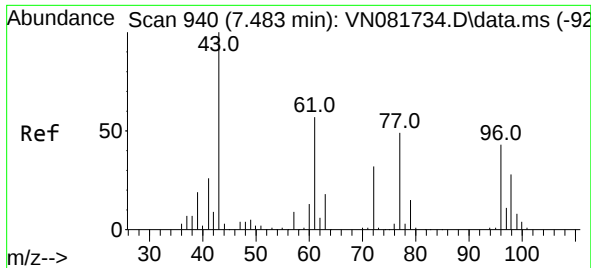


#24
 1,1-Dichloroethane
 Concen: 27.913 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081800.D
 Acq: 18 Apr 2024 20:18



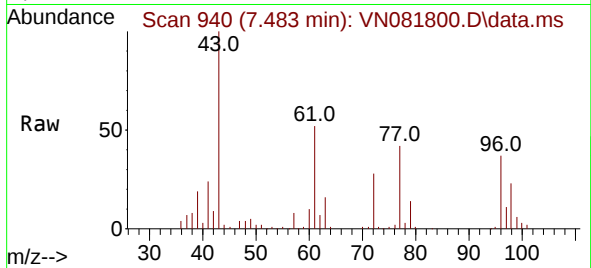
Tgt Ion: 63 Resp: 151311
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 3.5 2.6 7.8





#25
2-Butanone
Concen: 169.458 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

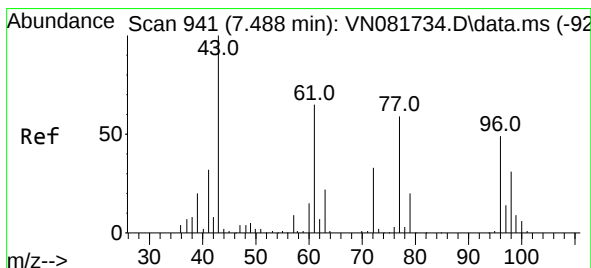
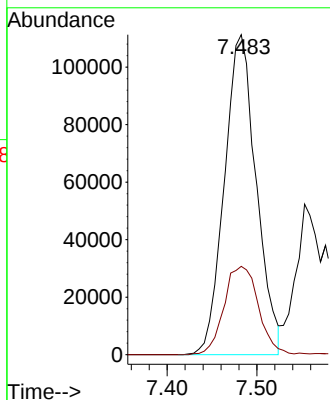
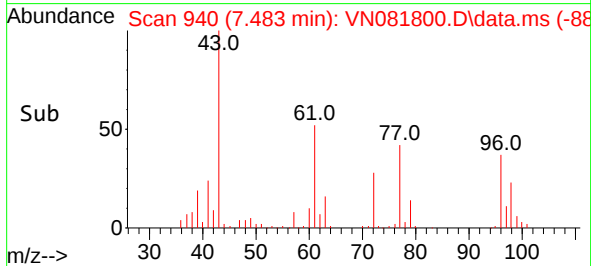
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



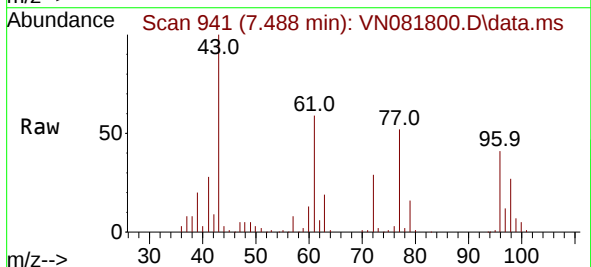
Tgt Ion: 43 Resp: 274714
Ion Ratio Lower Upper
43 100
72 27.6 25.3 37.9

Manual Integrations
APPROVED

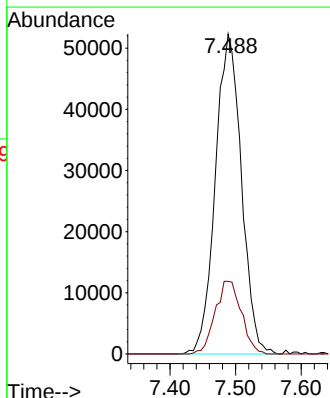
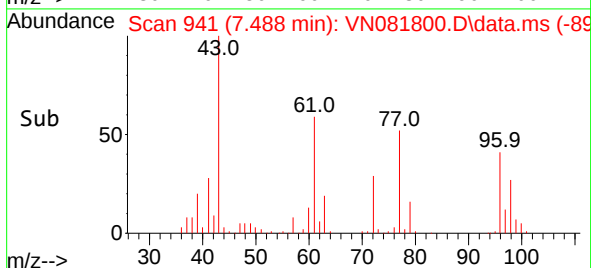
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

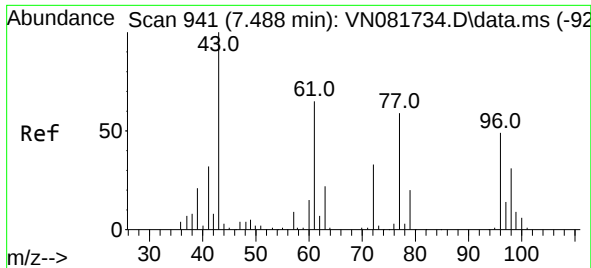


#26
2,2-Dichloropropane
Concen: 30.499 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18



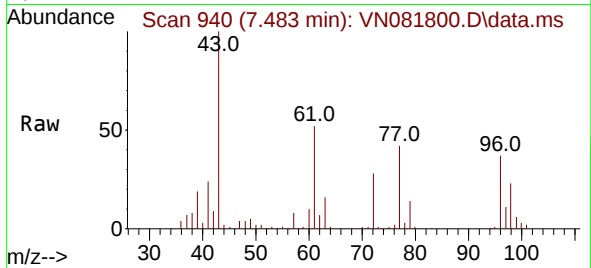
Tgt Ion: 77 Resp: 144120
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 30.489 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

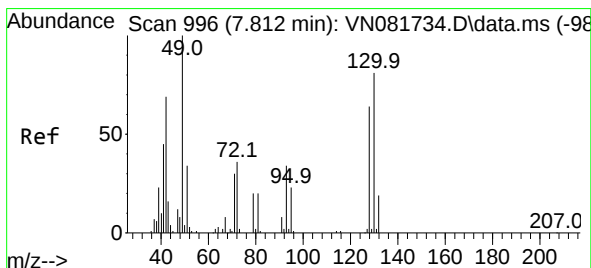
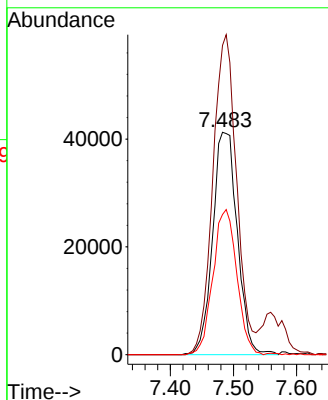
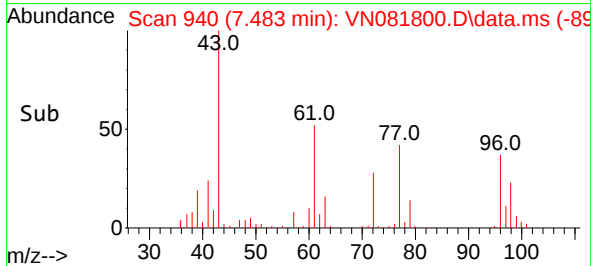
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 111752
Ion Ratio Lower Upper
96 100
61 139.0 0.0 268.0
98 63.2 0.0 126.8

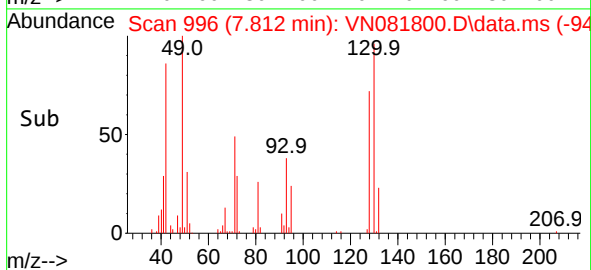
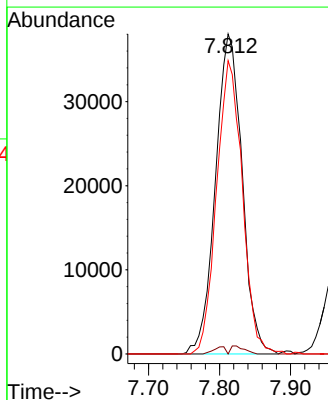
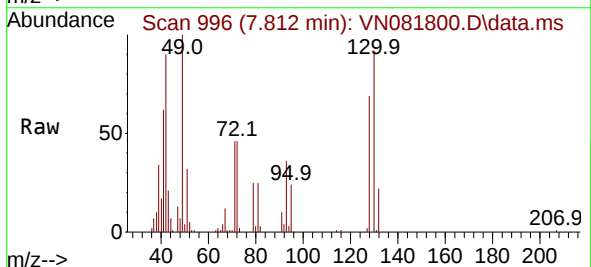
Manual Integrations
APPROVED

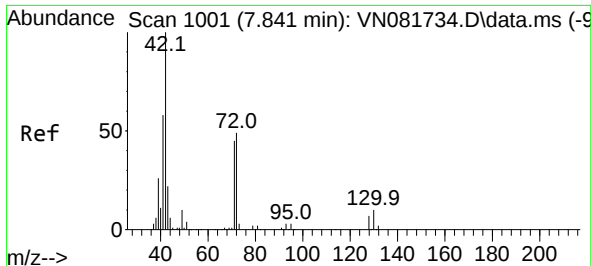
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#28
Bromochloromethane
Concen: 42.684 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Tgt Ion: 49 Resp: 98786
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.6
130 88.5 66.7 100.1





#29

Tetrahydrofuran

Concen: 279.205 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

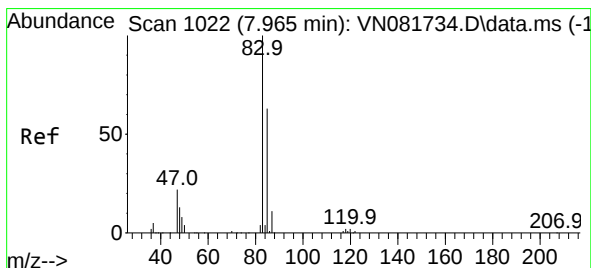
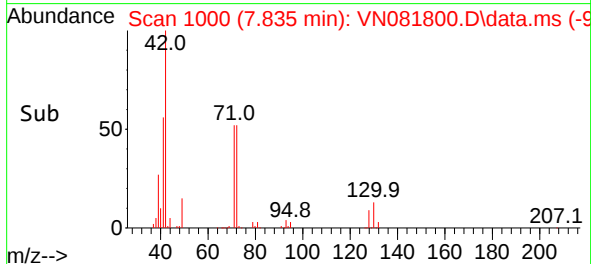
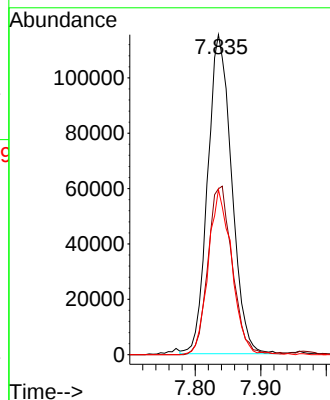
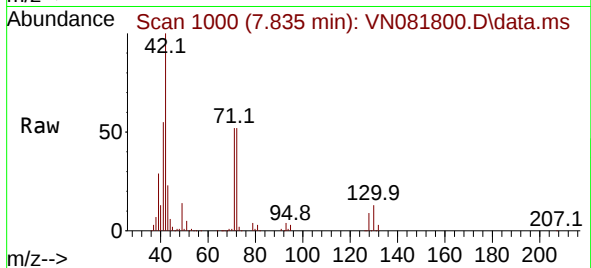
Tgt Ion:	42	Resp:	29283
Ion	Ratio	Lower	Upper
42	100		
72	53.7	39.3	58.9
71	50.7	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#30

Chloroform

Concen: 49.319 ug/l

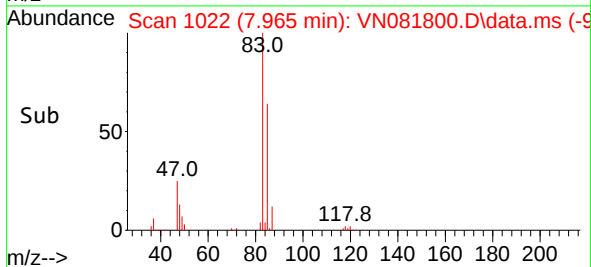
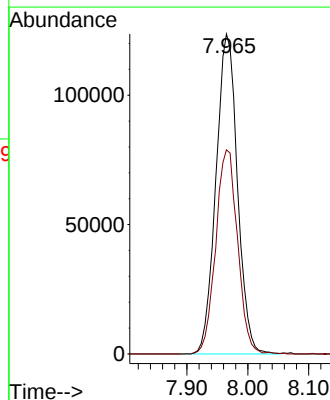
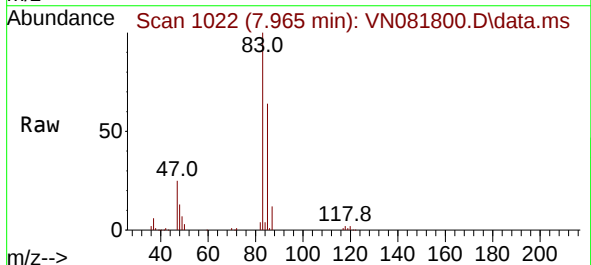
RT: 7.965 min Scan# 1022

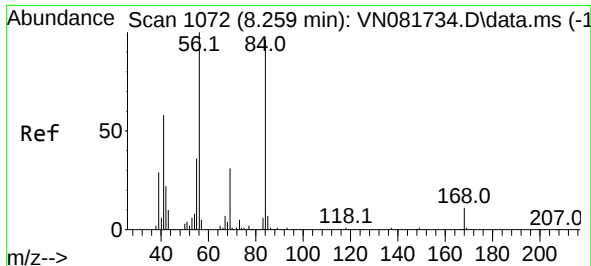
Delta R.T. -0.000 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

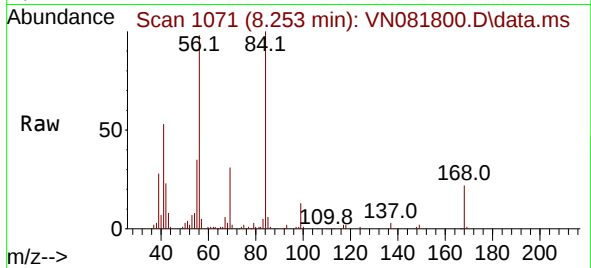
Tgt Ion:	83	Resp:	303155
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.7	76.1





#31
Cyclohexane
Concen: 42.048 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

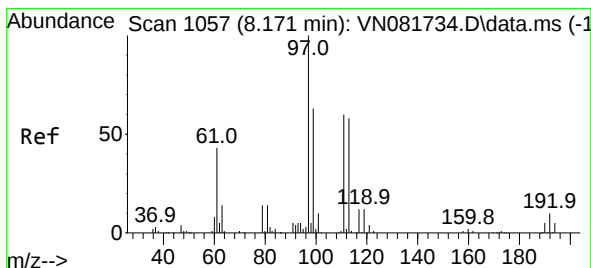
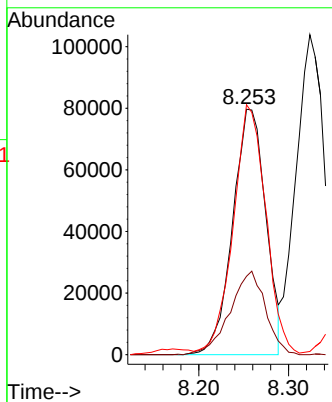
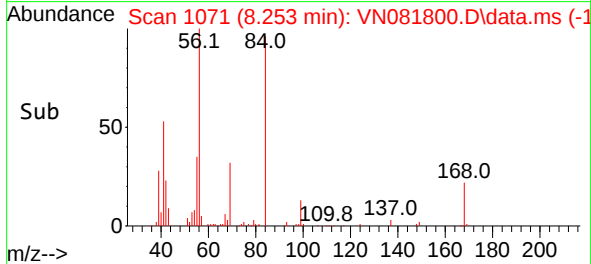
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 203800
Ion Ratio Lower Upper
56 100
69 31.8 24.4 36.6
84 99.7 77.0 115.4

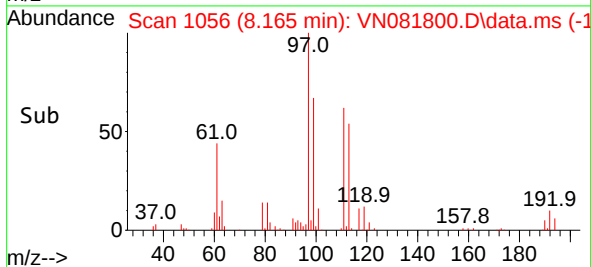
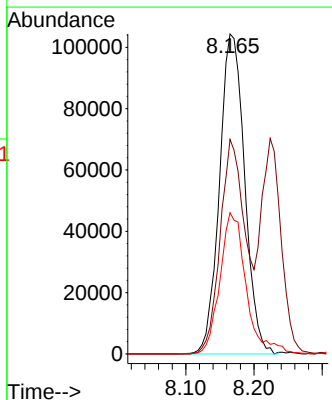
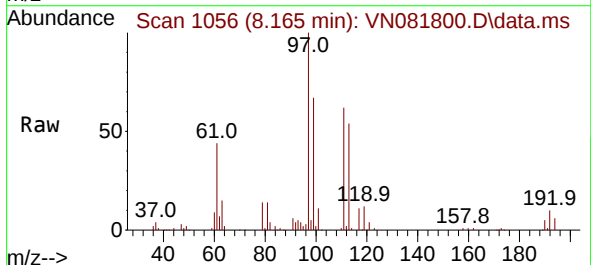
Manual Integrations
APPROVED

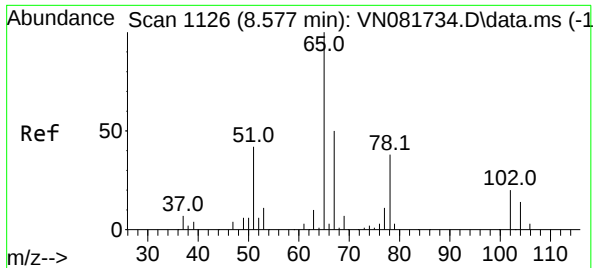
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#32
1,1,1-Trichloroethane
Concen: 49.168 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Tgt Ion: 97 Resp: 268002
Ion Ratio Lower Upper
97 100
99 66.9 50.3 75.5
61 46.1 36.6 55.0





#33
1,2-Dichloroethane-d4
Concen: 31.560 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

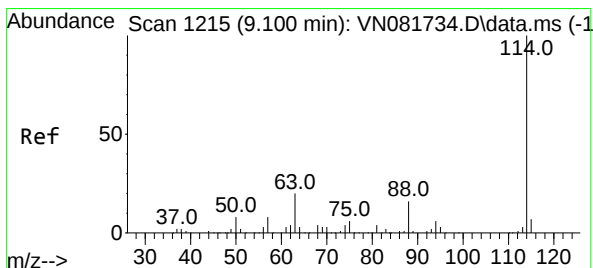
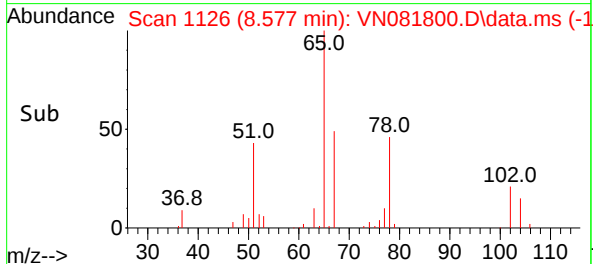
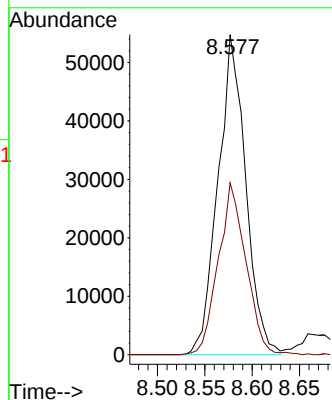
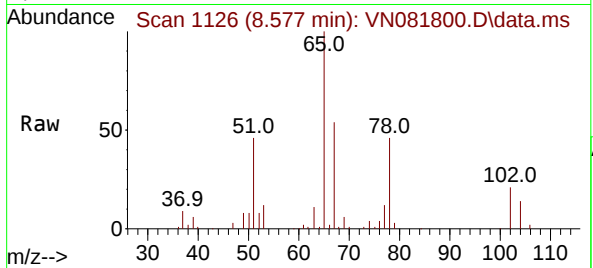
VSTDCCC050EC

Tgt Ion: 65 Resp: 111509
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.0

Manual Integrations

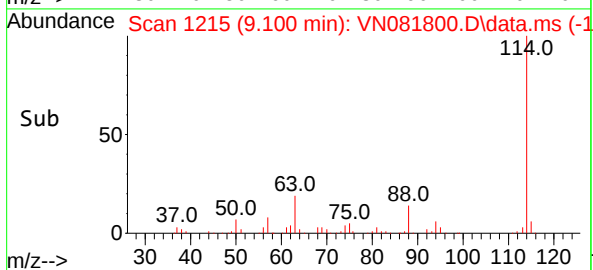
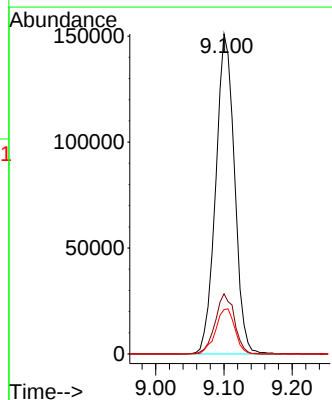
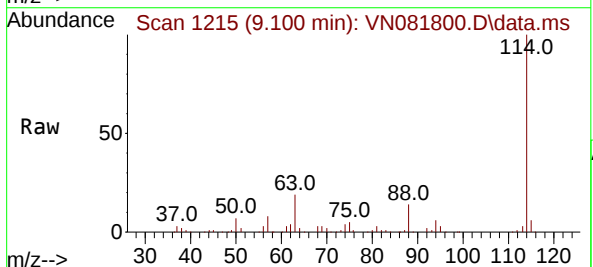
APPROVED

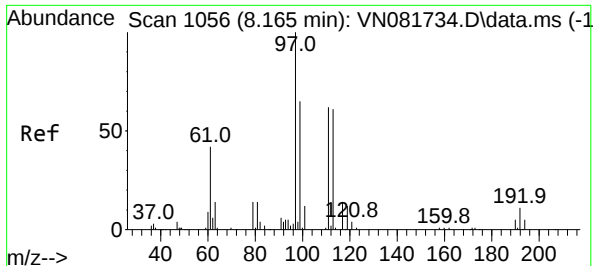
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

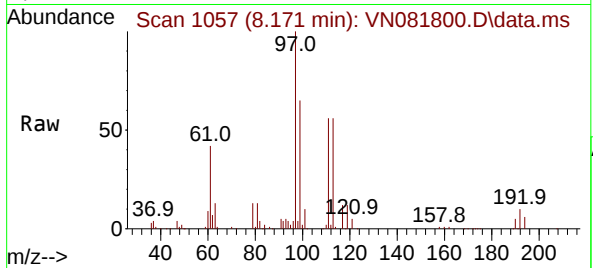
Tgt Ion:114 Resp: 289483
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.0
88 13.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 73.850 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

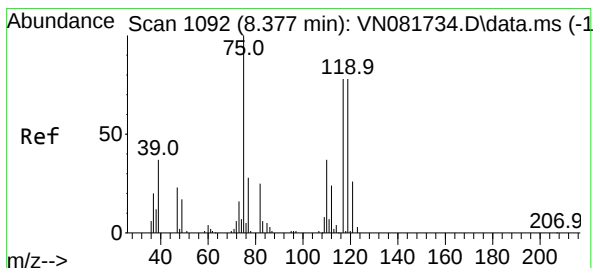
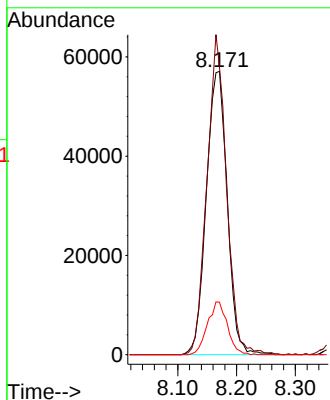
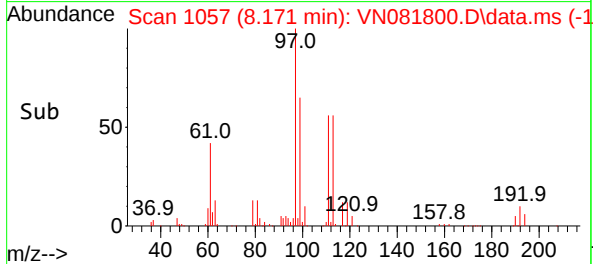
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 14117
Ion Ratio Lower Upper
113 100
111 105.4 83.4 125.2
192 17.8 14.0 21.0

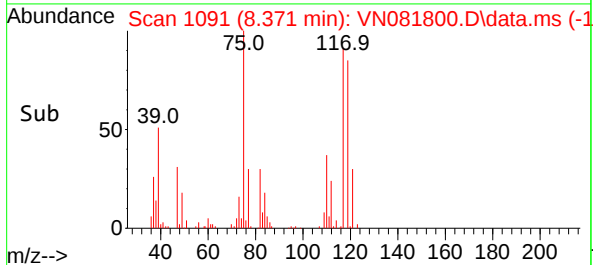
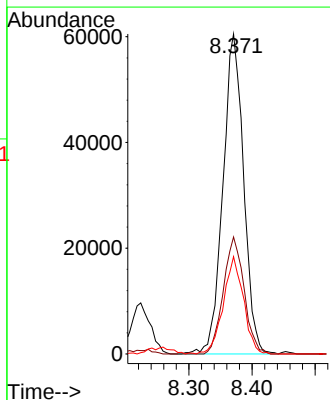
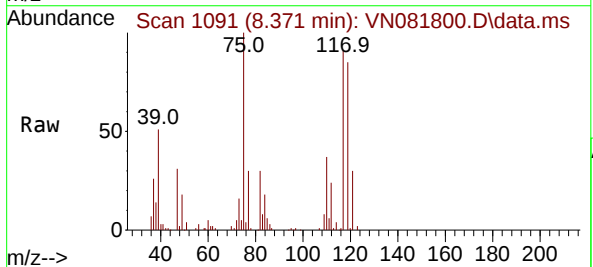
Manual Integrations
APPROVED

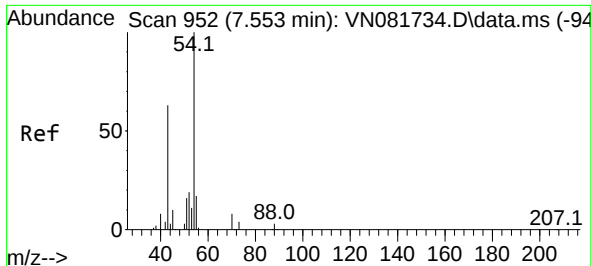
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#36
1,1-Dichloropropene
Concen: 51.619 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Tgt Ion: 75 Resp: 137479
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 29.6 25.0 37.4





#37

Ethyl Acetate

Concen: 60.843 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 133150

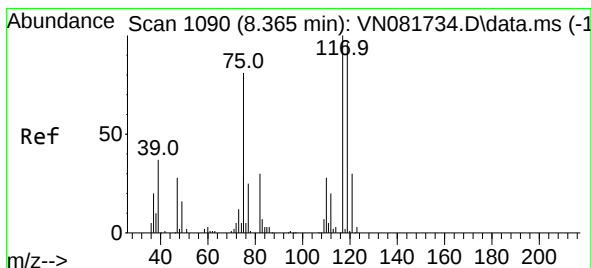
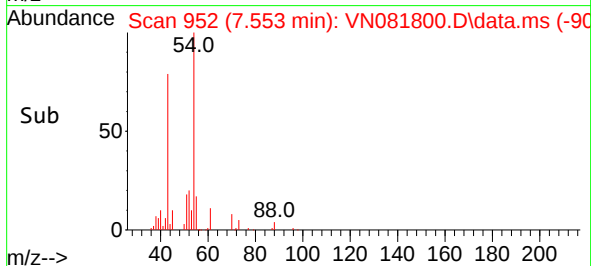
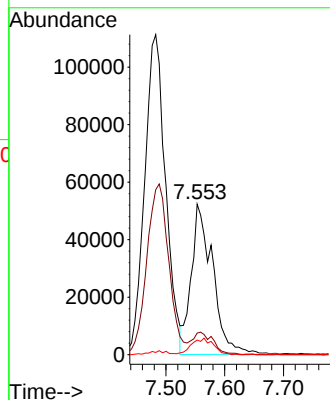
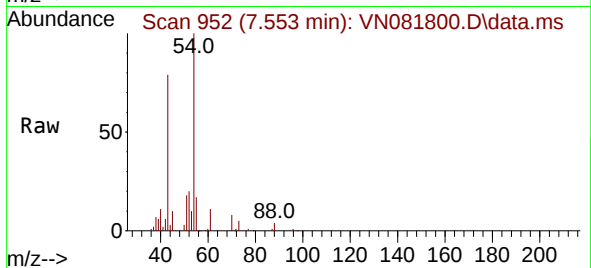
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#38

Carbon Tetrachloride

Concen: 52.018 ug/l

RT: 8.365 min Scan# 1090

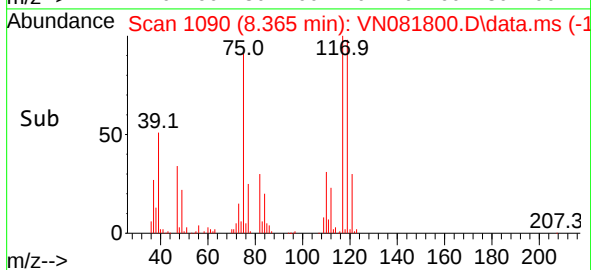
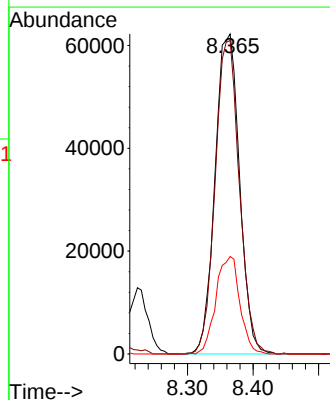
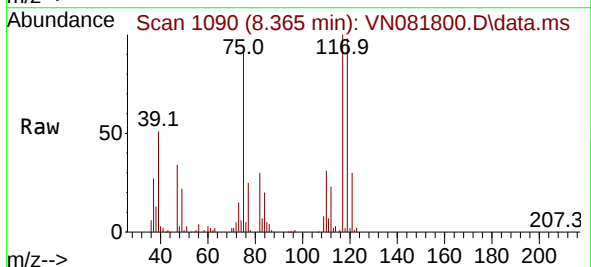
Delta R.T. -0.000 min

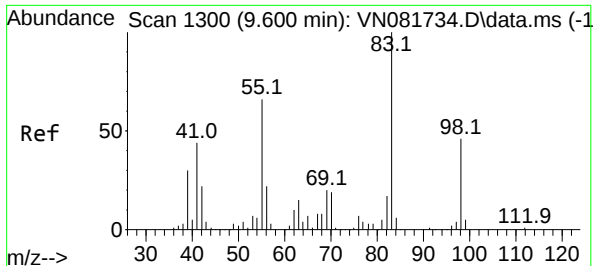
Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Tgt Ion:117 Resp: 161182

Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.5	114.7
121	30.5	23.9	35.9





#39
Methylcyclohexane
Concen: 31.244 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

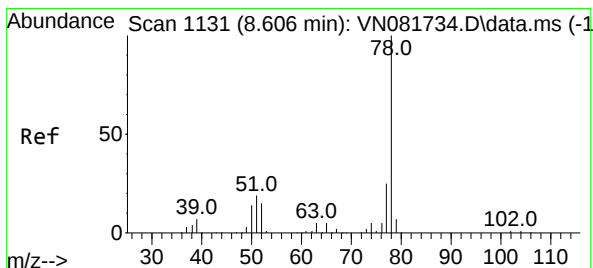
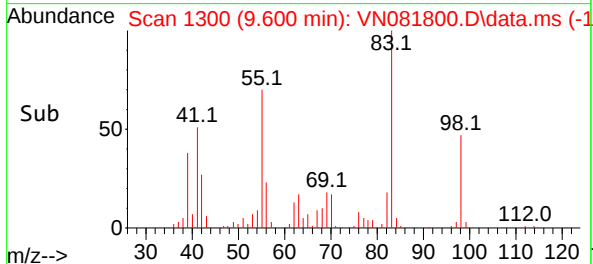
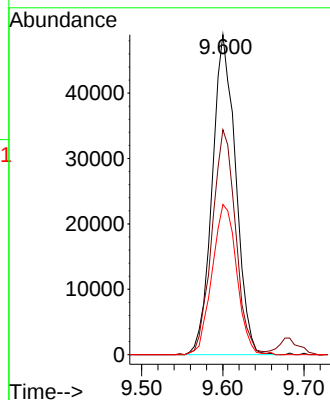
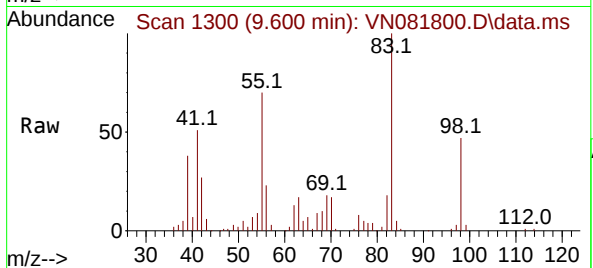
Tgt Ion: 83 Resp: 9803
Ion Ratio Lower Upper
83 100
55 70.0 53.0 79.6
98 47.0 37.1 55.7

Manual Integrations

APPROVED

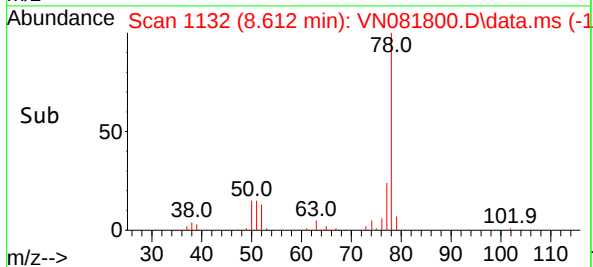
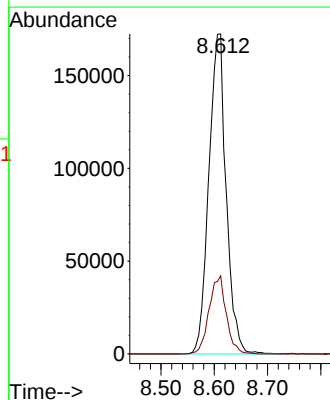
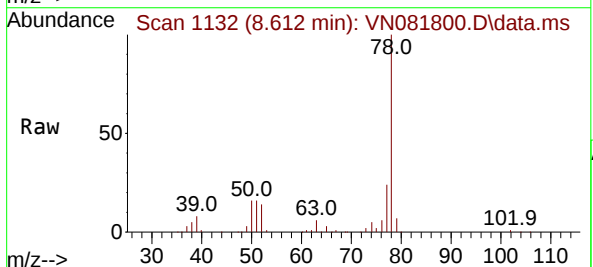
Reviewed By :John Carlone 04/19/2024

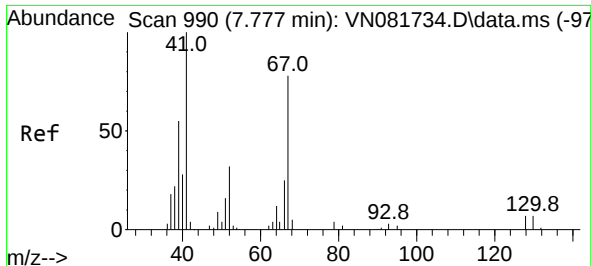
Supervised By :Mahesh Dadoda 04/19/2024



#40
Benzene
Concen: 46.990 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

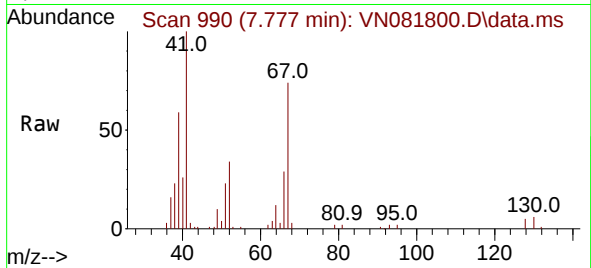
Tgt Ion: 78 Resp: 389843
Ion Ratio Lower Upper
78 100
77 24.4 20.0 30.0





#41
Methacrylonitrile
Concen: 90.644 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

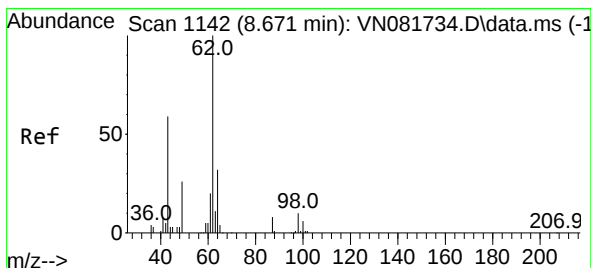
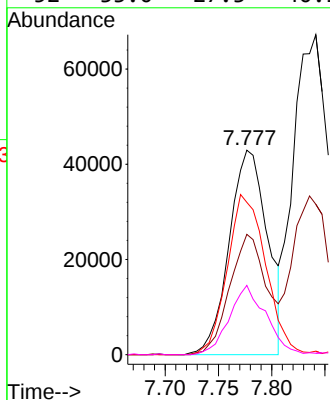
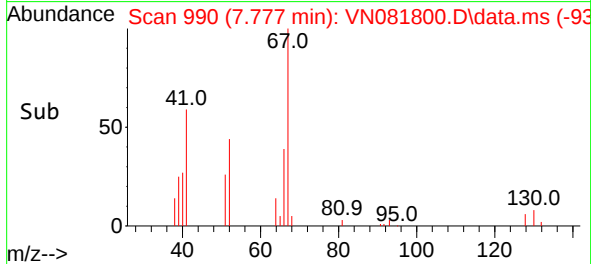
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



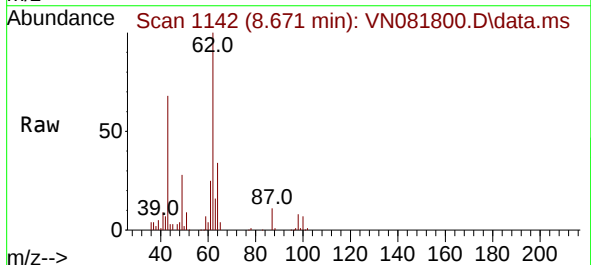
Tgt Ion: 41 Resp: 107688
Ion Ratio Lower Upper
41 100
39 57.2 46.6 69.8
67 78.5 67.3 100.9
52 33.0 27.3 40.9

Manual Integrations
APPROVED

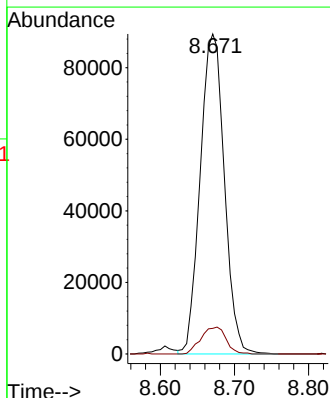
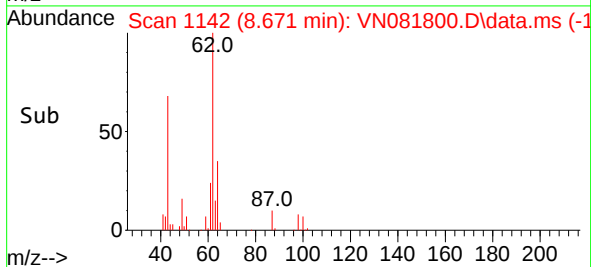
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

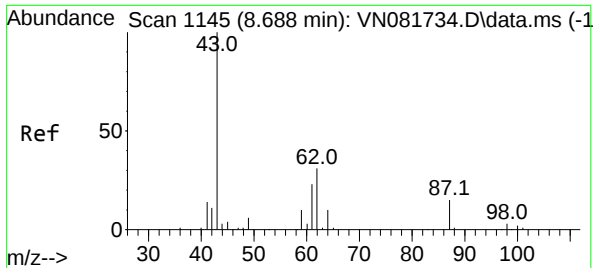


#42
1,2-Dichloroethane
Concen: 70.002 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18



Tgt Ion: 62 Resp: 202449
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.6





#43

Isopropyl Acetate

Concen: 70.179 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

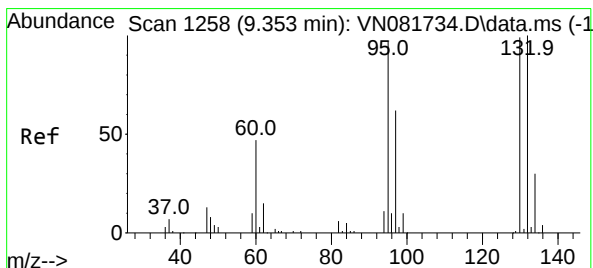
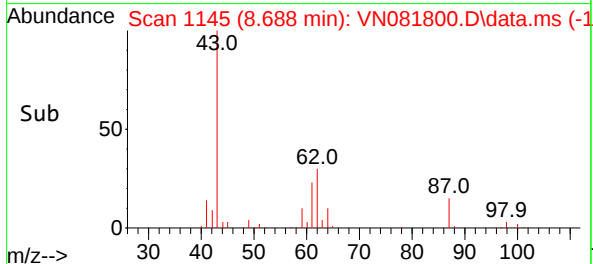
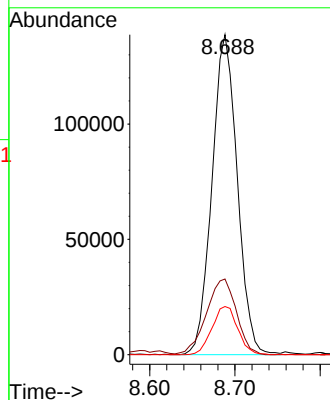
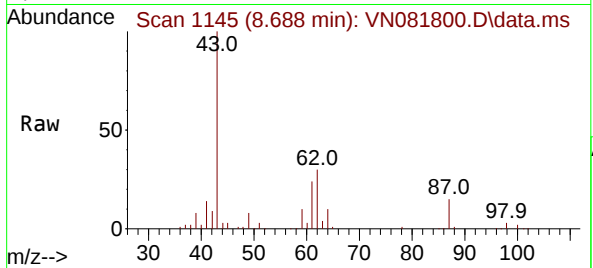
Tgt Ion: 43	Resp: 28653
Ion Ratio	Lower Upper
43	100
61	28.0 22.8 34.2
87	15.3 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#44

Trichloroethene

Concen: 32.382 ug/l

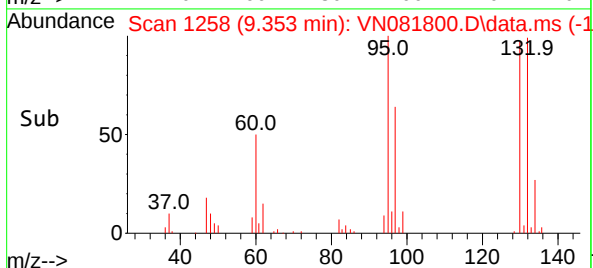
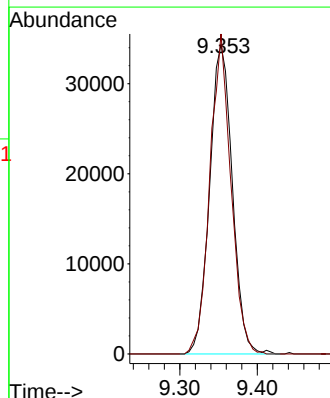
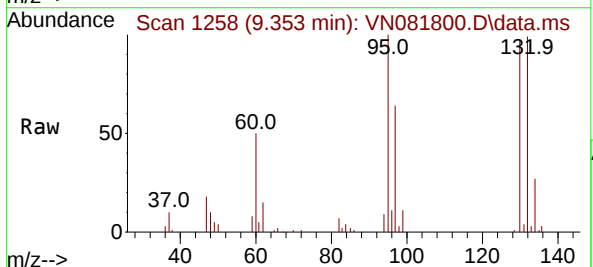
RT: 9.353 min Scan# 1258

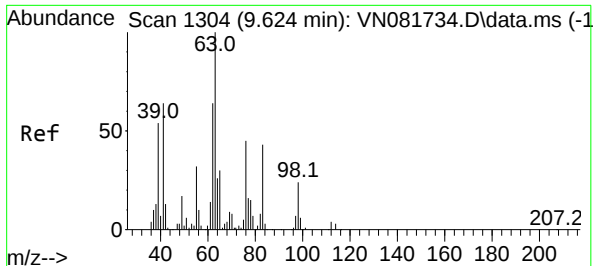
Delta R.T. 0.000 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Tgt Ion:130	Resp: 69864
Ion Ratio	Lower Upper
130	100
95	103.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 35.318 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6755

Ion Ratio Lower Upper

63 100

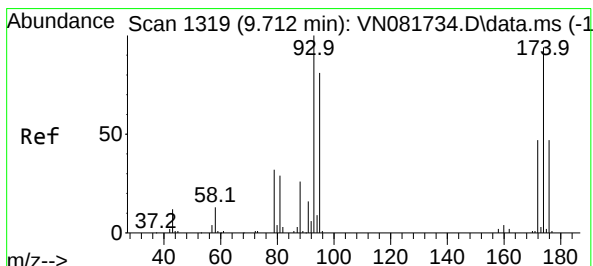
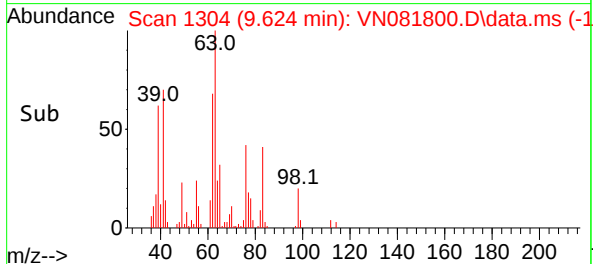
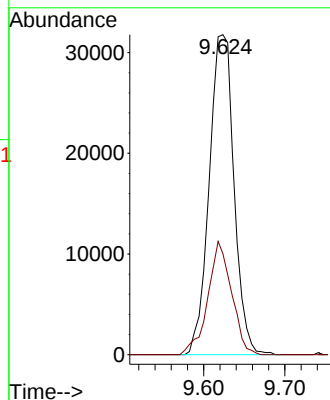
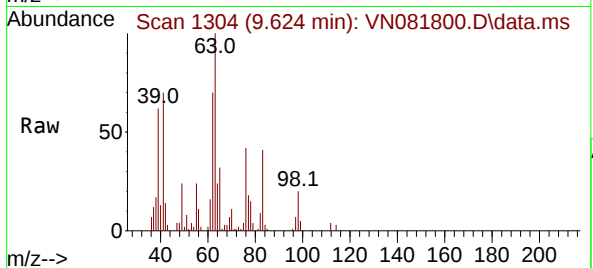
65 31.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#46

Dibromomethane

Concen: 32.802 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

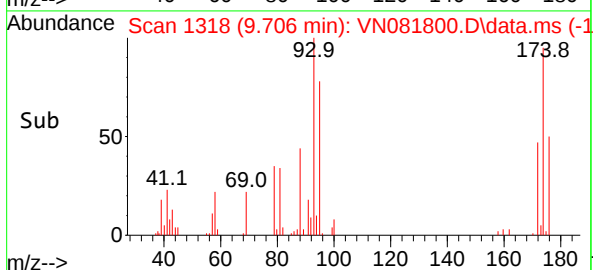
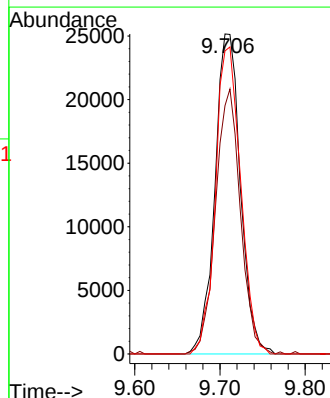
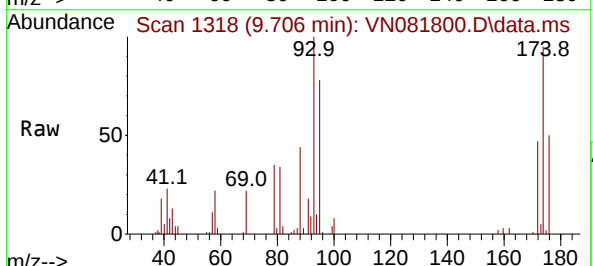
Tgt Ion: 93 Resp: 52367

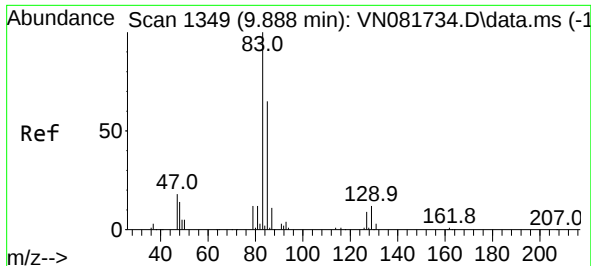
Ion Ratio Lower Upper

93 100

95 80.8 64.8 97.2

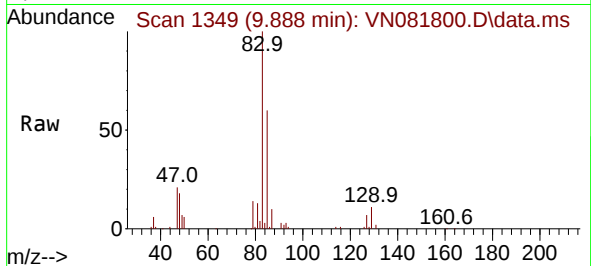
174 94.9 73.4 110.0





#47
Bromodichloromethane
Concen: 33.085 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

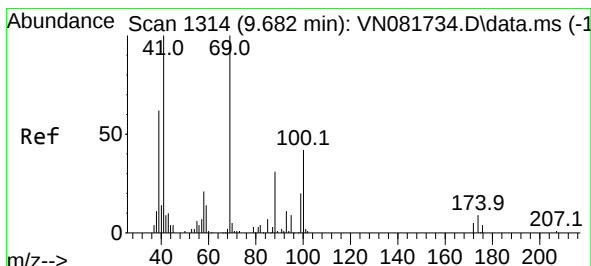
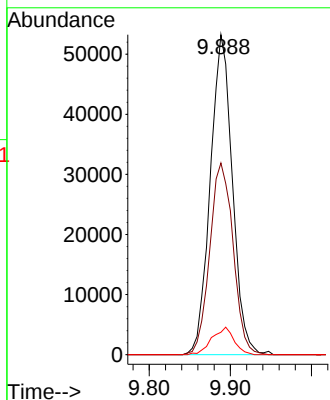
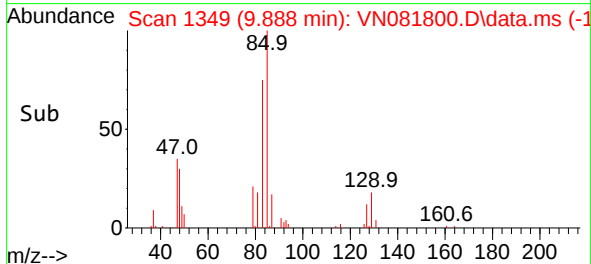
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



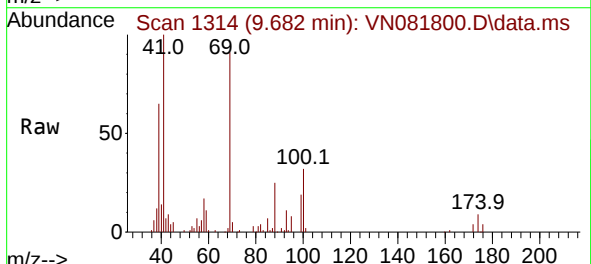
Tgt Ion: 83 Resp: 100898
Ion Ratio Lower Upper
83 100
85 59.9 51.9 77.9
127 7.0 7.5 11.3

Manual Integrations
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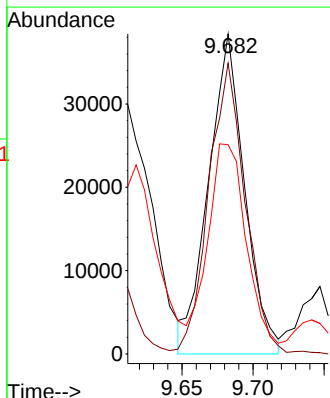
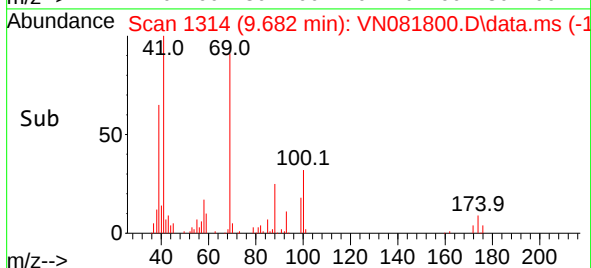
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

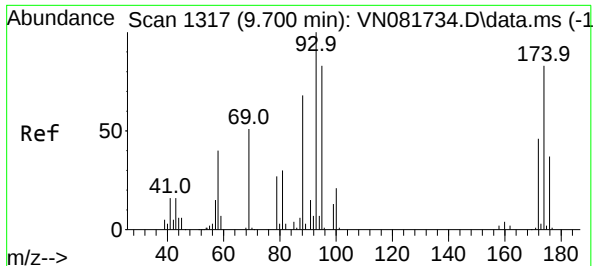


#48
Methyl methacrylate
Concen: 40.770 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18



Tgt Ion: 41 Resp: 67846
Ion Ratio Lower Upper
41 100
69 92.4 77.9 116.9
39 71.1 50.9 76.3





#49

1,4-Dioxane

Concen: 730.668 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

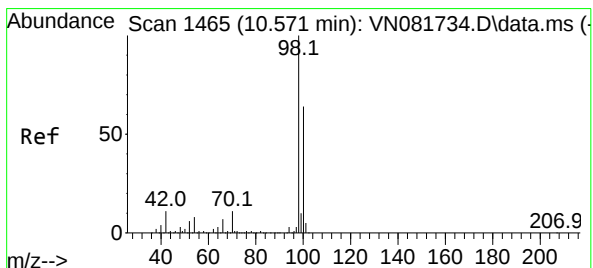
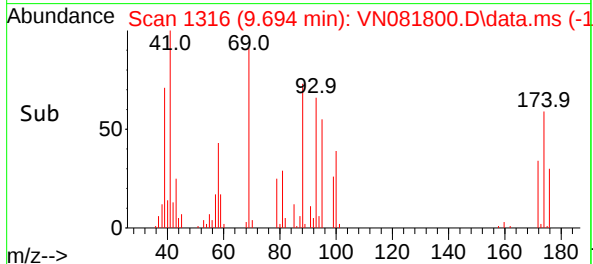
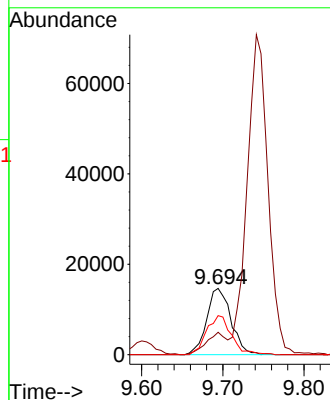
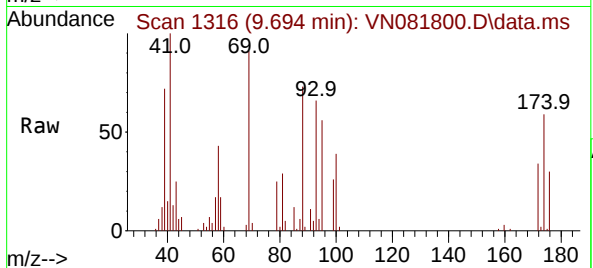
Tgt Ion: 88 Resp: 30490
 Ion Ratio Lower Upper
 88 100
 43 27.6 19.0 28.6
 58 60.2 50.6 76.0

Manual Integrations

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Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#50

Toluene-d8

Concen: 37.350 ug/l

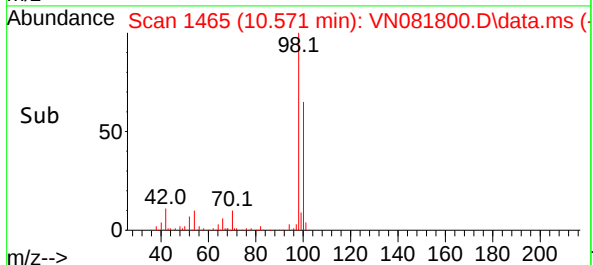
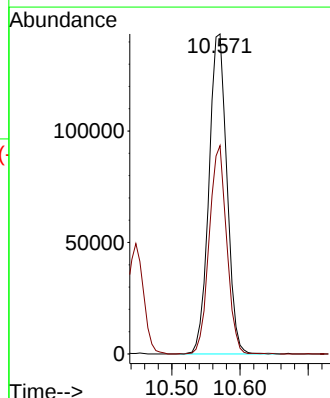
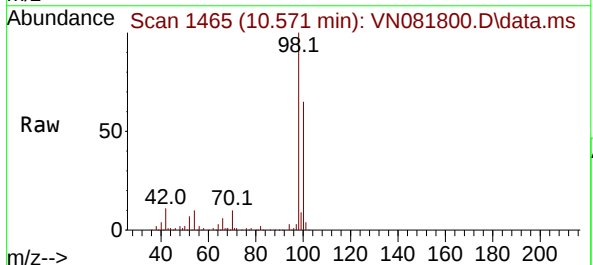
RT: 10.571 min Scan# 1465

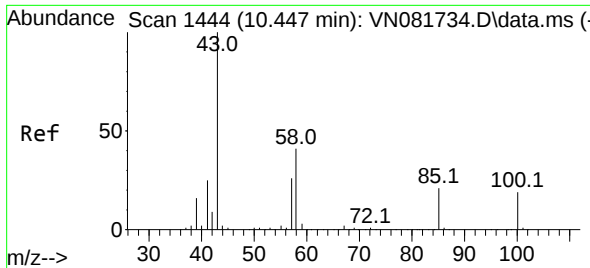
Delta R.T. -0.000 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Tgt Ion: 98 Resp: 263027
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.8 77.6





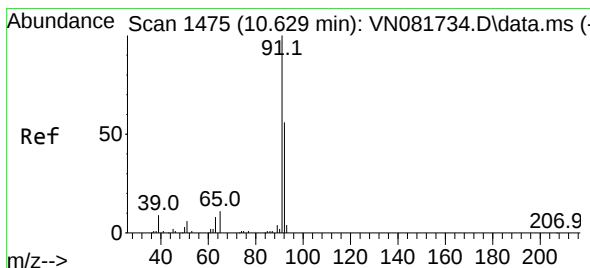
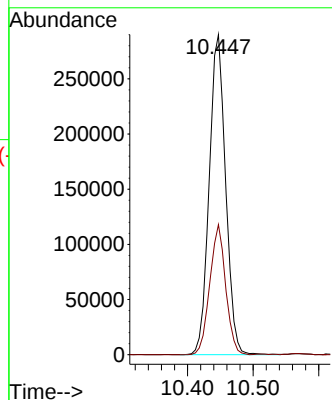
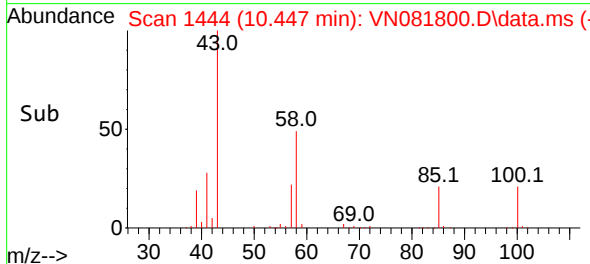
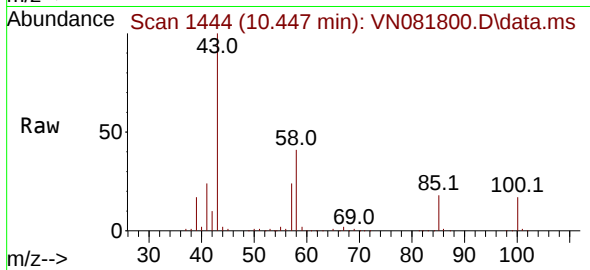
#51
4-Methyl-2-Pentanone
Concen: 222.210 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 50463
Ion Ratio Lower Upper
43 100
58 39.2 33.2 49.8

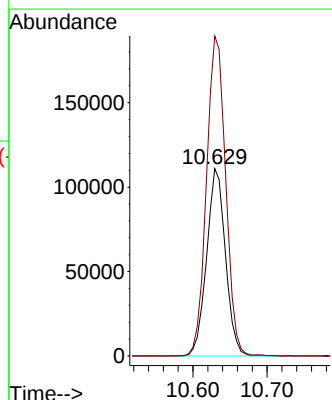
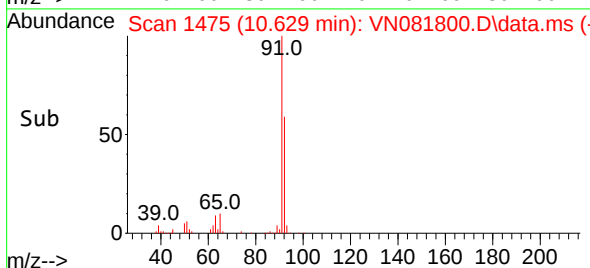
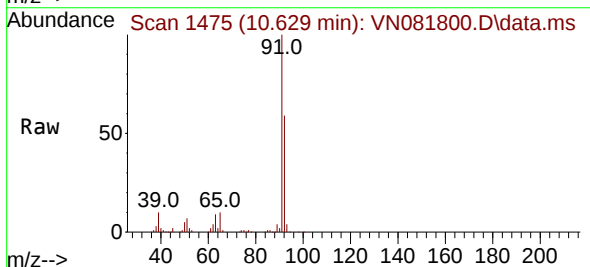
Manual Integrations
APPROVED

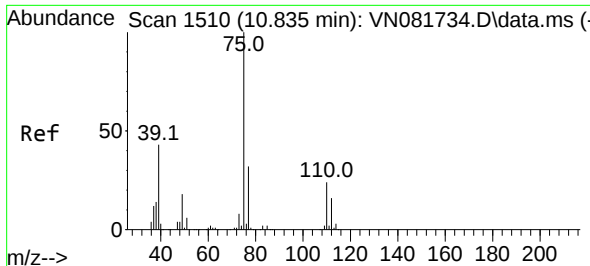
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#52
Toluene
Concen: 37.239 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Tgt Ion: 92 Resp: 196243
Ion Ratio Lower Upper
92 100
91 173.8 136.7 205.1





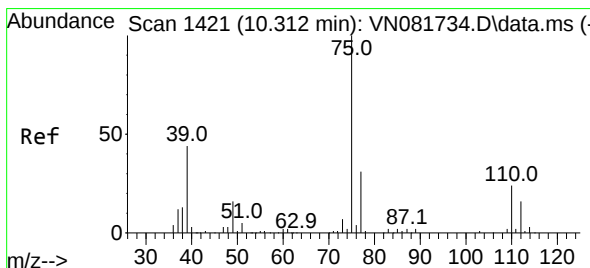
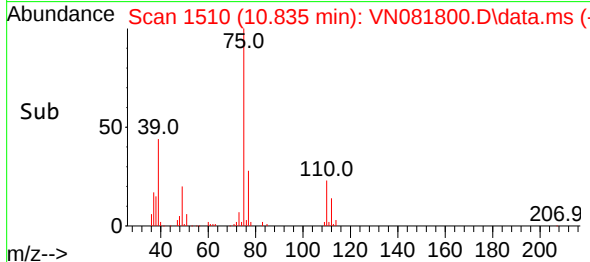
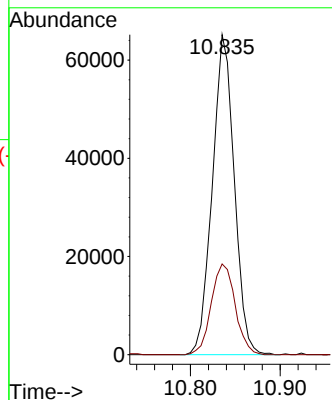
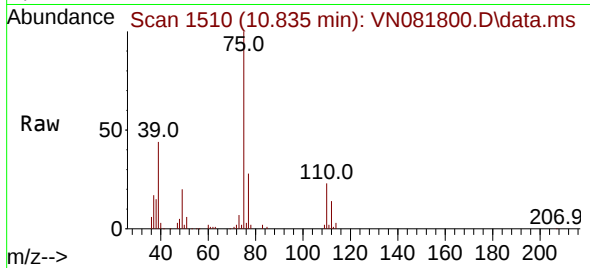
#53
t-1,3-Dichloropropene
Concen: 36.401 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 11058
Ion Ratio Lower Upper
75 100
77 28.3 25.4 38.0

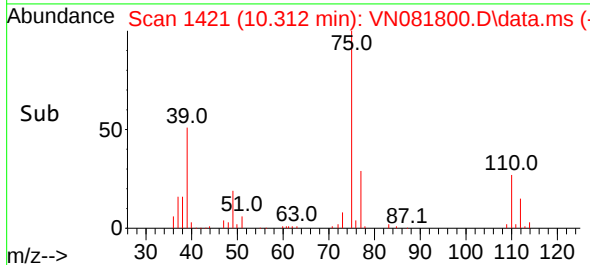
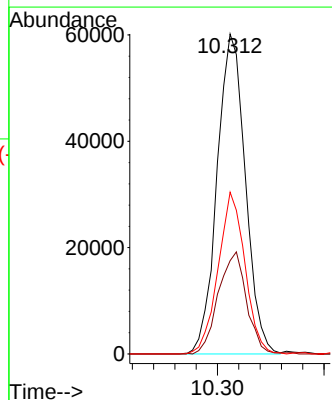
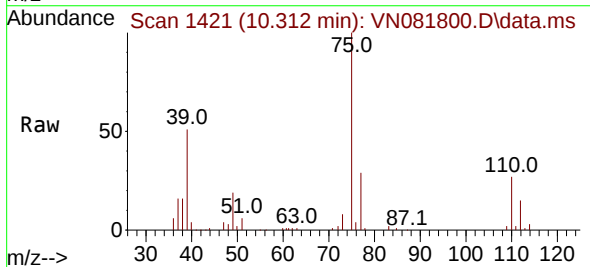
Manual Integrations
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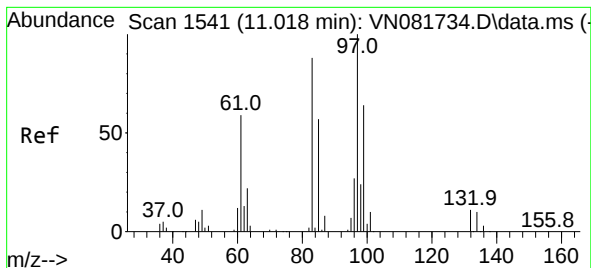
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#54
cis-1,3-Dichloropropene
Concen: 34.286 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

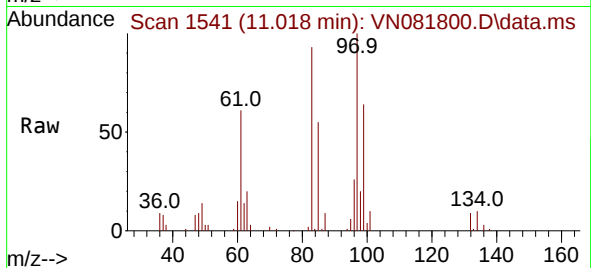
Tgt Ion: 75 Resp: 110955
Ion Ratio Lower Upper
75 100
77 29.2 25.0 37.4
39 50.5 34.8 52.2





#55
1,1,2-Trichloroethane
Concen: 35.612 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

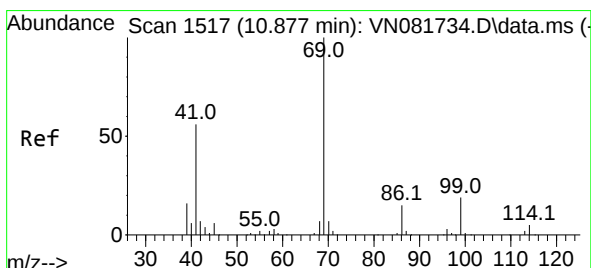
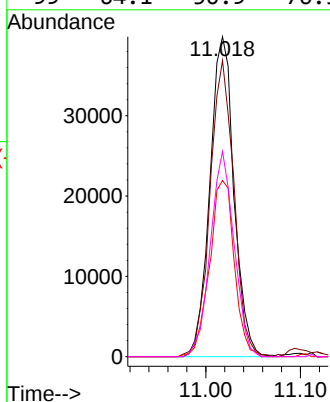
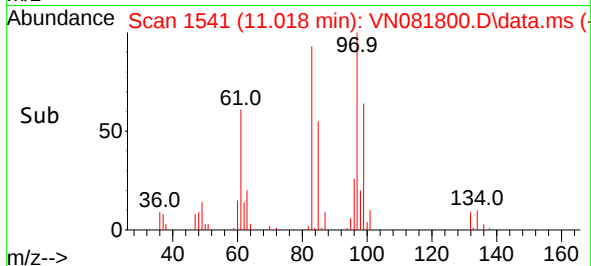


Tgt Ion: 97 Resp: 70498

Ion	Ratio	Lower	Upper
97	100		
83	92.6	70.4	105.6
85	55.0	45.6	68.4
99	64.1	50.9	76.3

Manual Integrations
APPROVED

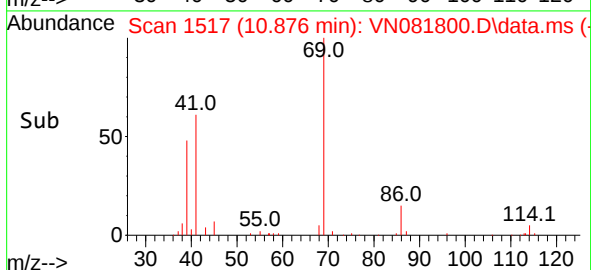
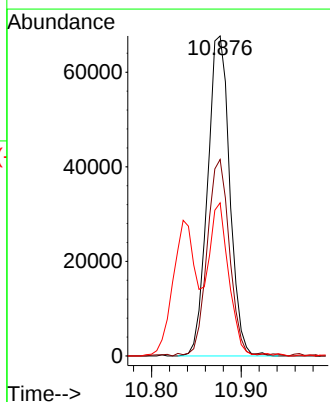
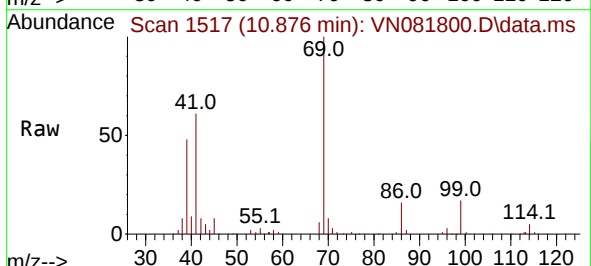
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

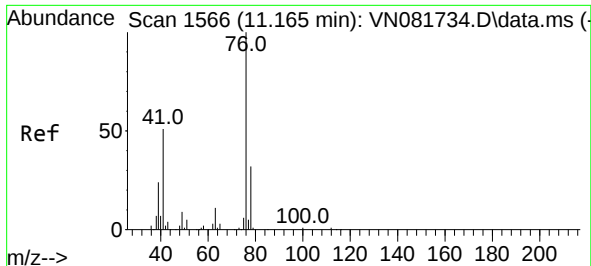


#56
Ethyl methacrylate
Concen: 42.619 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Tgt Ion: 69 Resp: 116086

Ion	Ratio	Lower	Upper
69	100		
41	61.9	46.6	70.0
39	43.8	26.5	39.7





#57

1,3-Dichloropropane

Concen: 36.157 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 119809

Ion Ratio Lower Upper

76 100

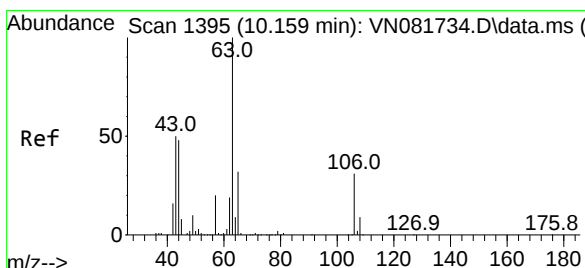
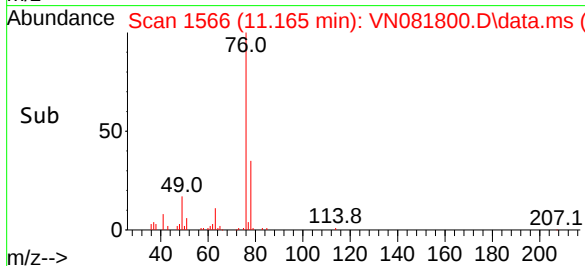
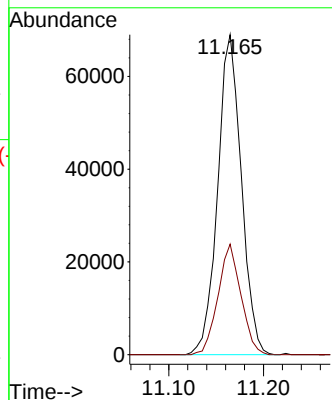
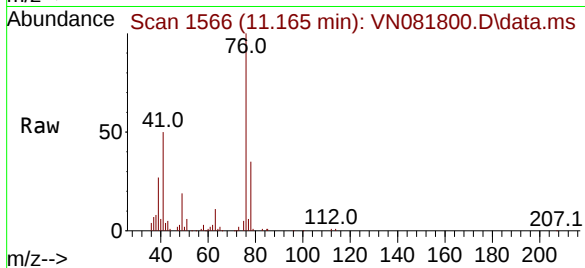
78 33.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#58

2-Chloroethyl Vinyl ether

Concen: 204.982 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081800.D

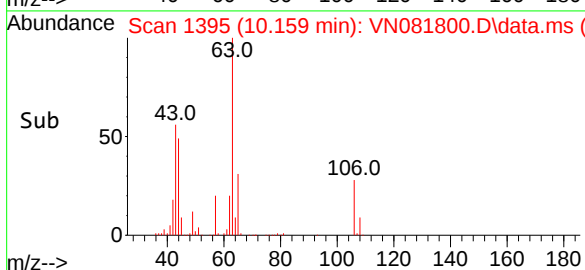
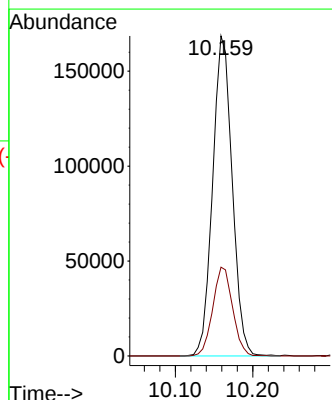
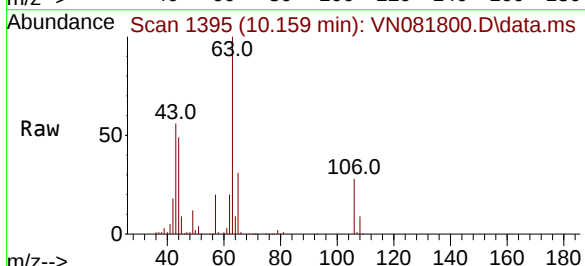
Acq: 18 Apr 2024 20:18

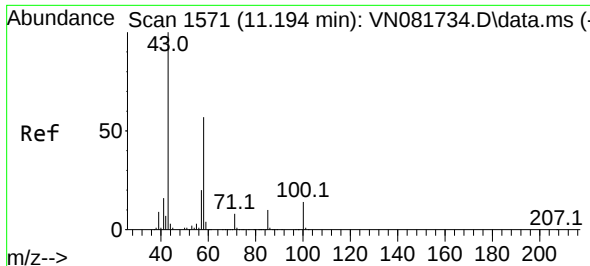
Tgt Ion: 63 Resp: 295425

Ion Ratio Lower Upper

63 100

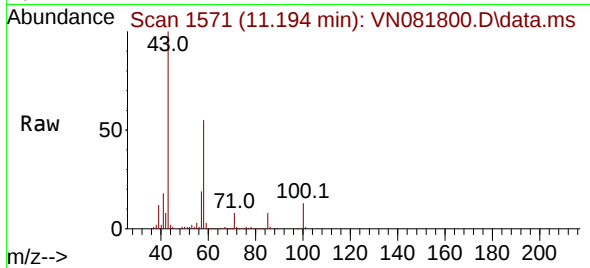
106 28.1 24.6 36.8





#59
2-Hexanone
Concen: 230.012 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

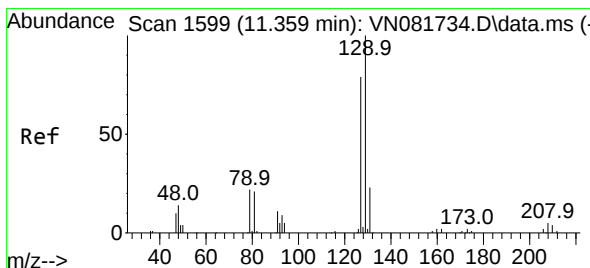
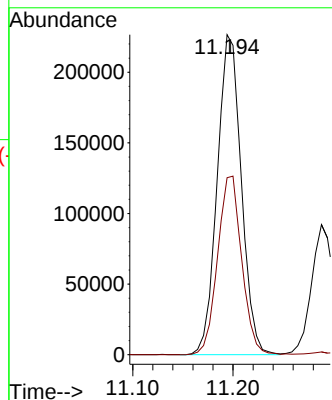
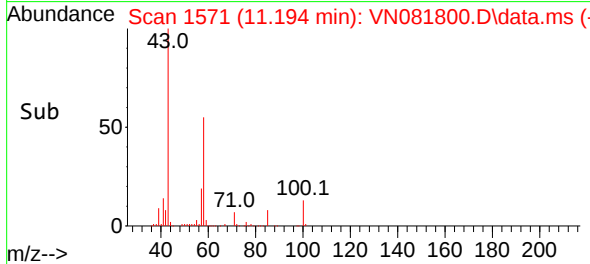
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 37813
Ion Ratio Lower Upper
43 100
58 56.0 28.3 84.9

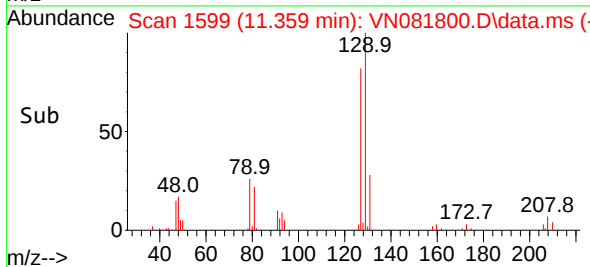
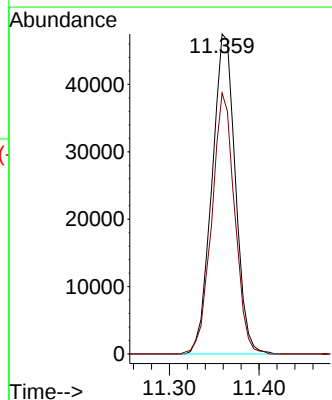
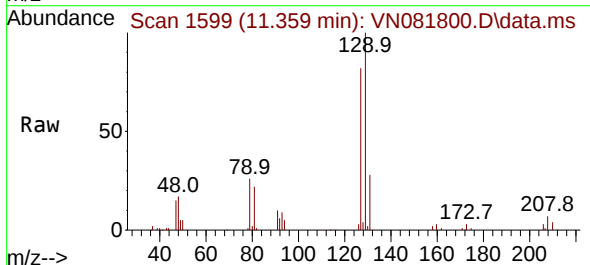
Manual Integrations
APPROVED

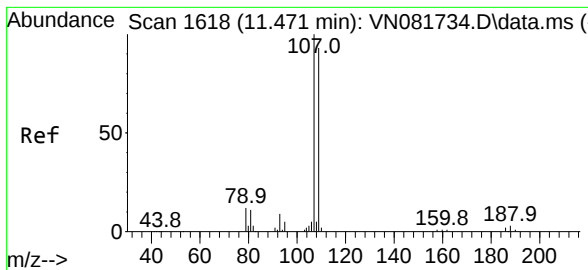
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#60
Dibromochloromethane
Concen: 35.934 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Tgt Ion:129 Resp: 85980
Ion Ratio Lower Upper
129 100
127 79.7 38.3 114.8





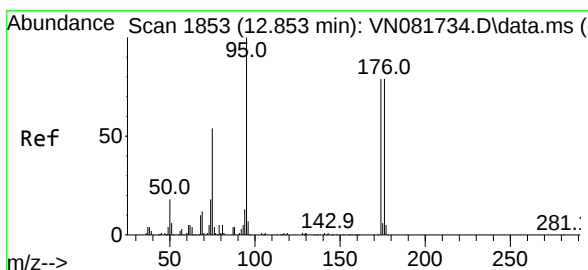
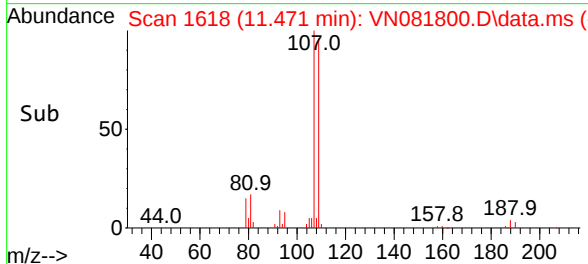
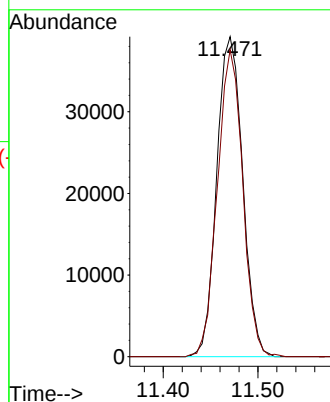
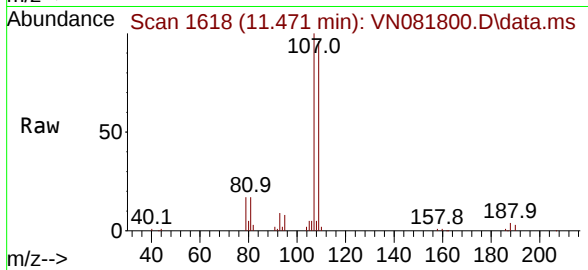
#61
1,2-Dibromoethane
Concen: 36.099 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 74544
Ion Ratio Lower Upper
107 100
109 93.7 75.8 113.6

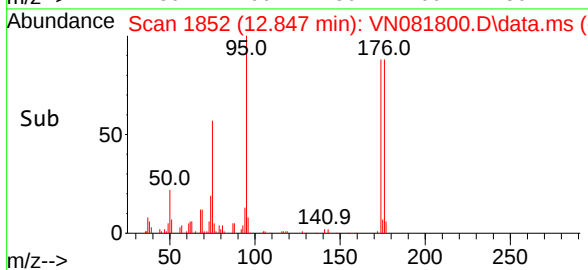
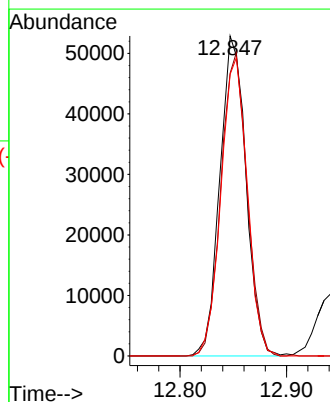
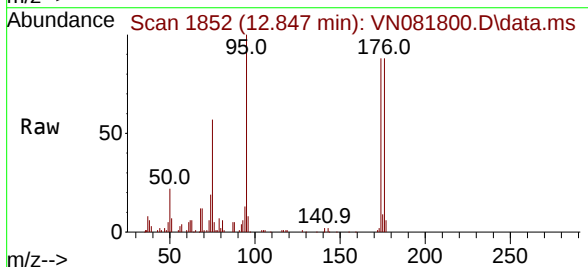
Manual Integrations
APPROVED

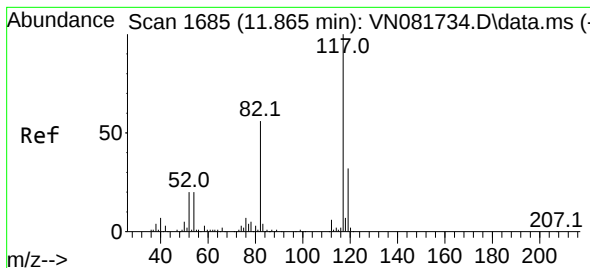
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#62
4-Bromofluorobenzene
Concen: 37.468 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

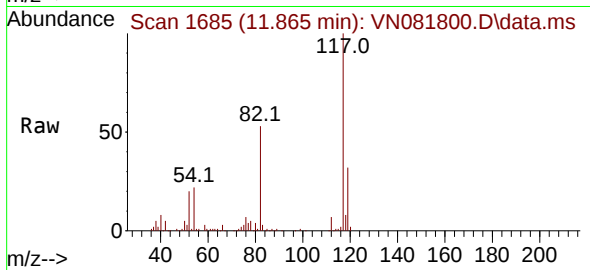
Tgt Ion: 95 Resp: 90166
Ion Ratio Lower Upper
95 100
174 94.7 0.0 160.6
176 93.6 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

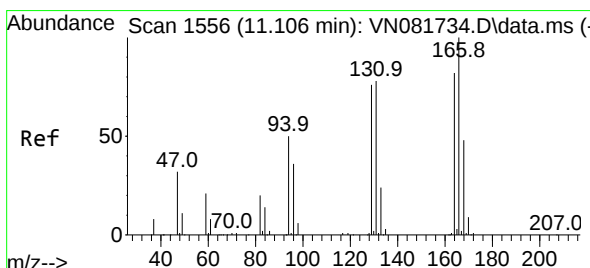
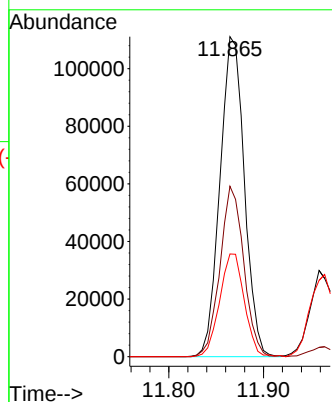
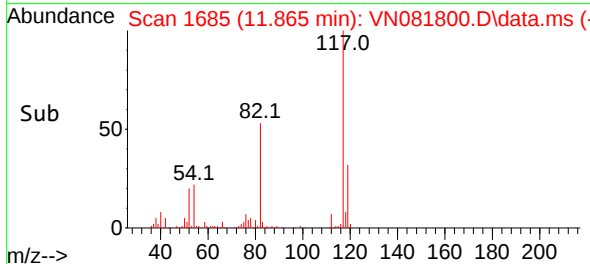
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 19911
Ion Ratio Lower Upper
117 100
82 53.3 44.6 66.8
119 32.1 25.9 38.9

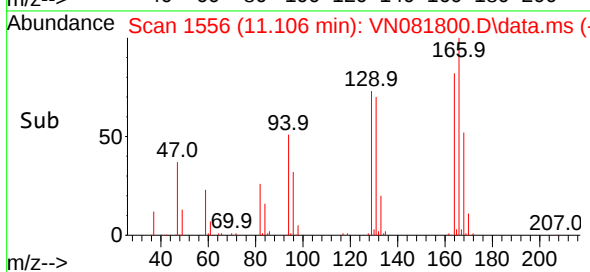
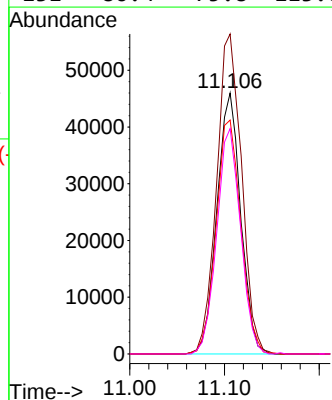
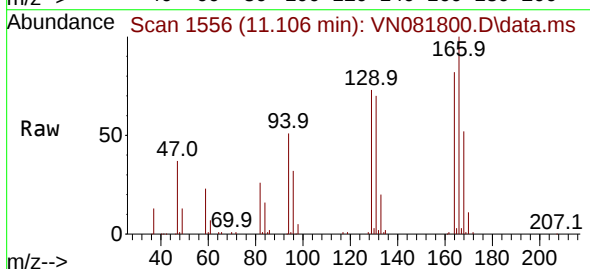
Manual Integrations
APPROVED

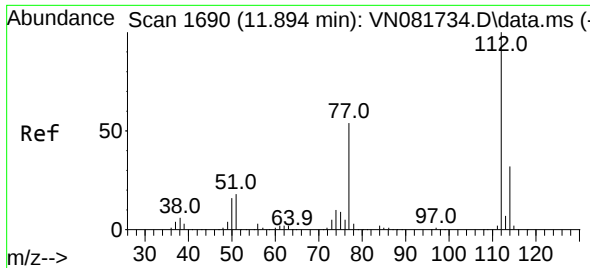
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#64
Tetrachloroethene
Concen: 47.635 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

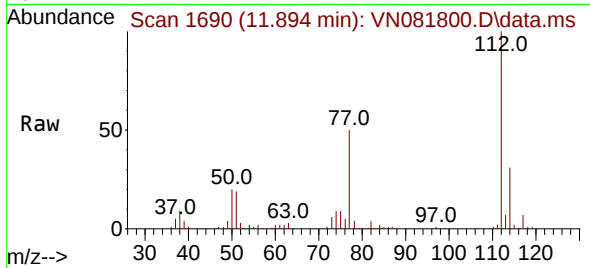
Tgt Ion:164 Resp: 80471
Ion Ratio Lower Upper
164 100
166 122.7 97.6 146.4
129 89.6 73.7 110.5
131 86.4 75.8 113.6





#65
Chlorobenzene
Concen: 47.817 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

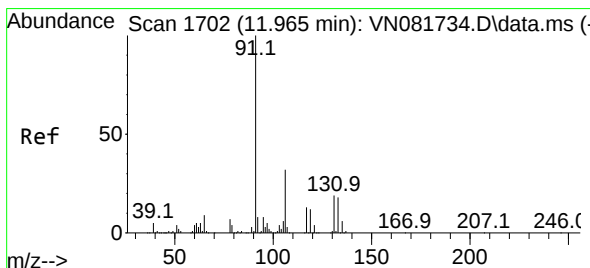
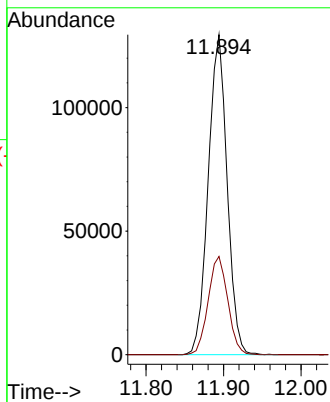
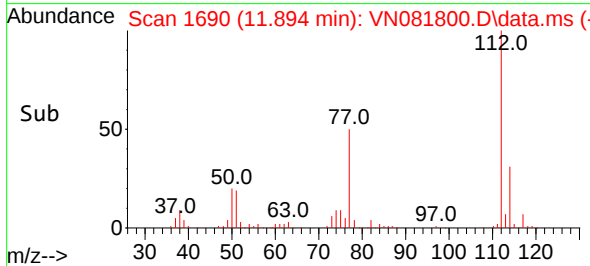
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 219078
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

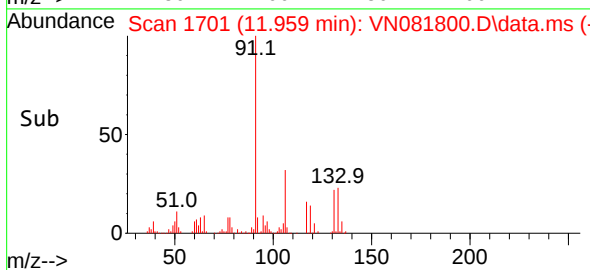
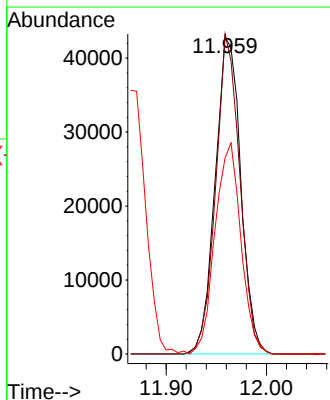
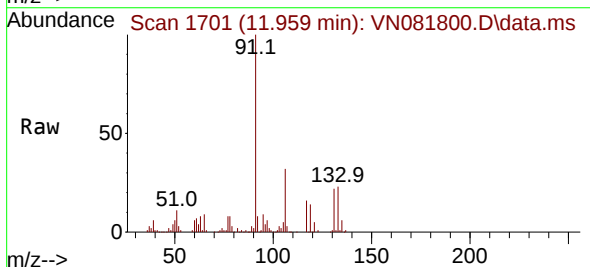
Manual Integrations
APPROVED

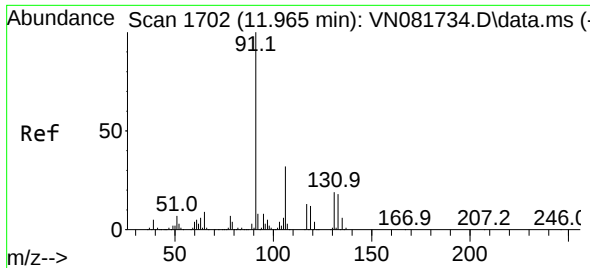
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.500 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

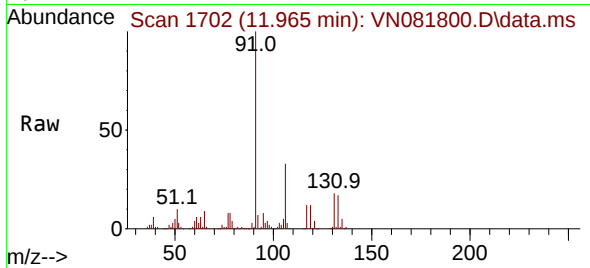
Tgt Ion:131 Resp: 75805
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 67.4 32.9 98.7





#67
Ethyl Benzene
Concen: 52.458 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

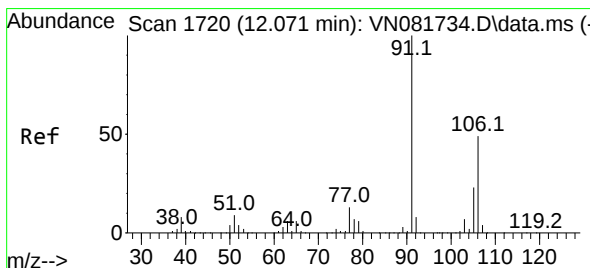
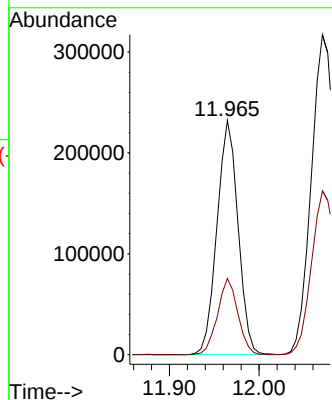
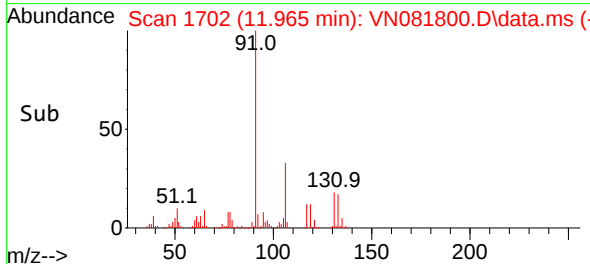
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



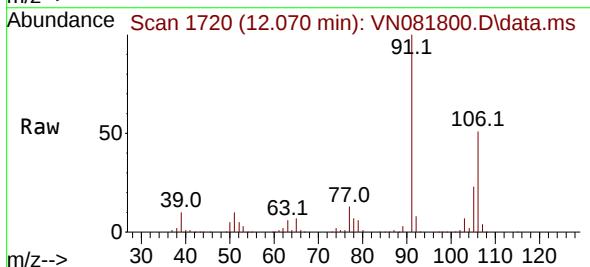
Tgt Ion: 91 Resp: 378320
Ion Ratio Lower Upper
91 100
106 32.6 25.3 37.9

Manual Integrations
APPROVED

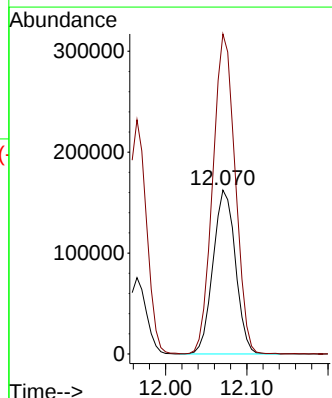
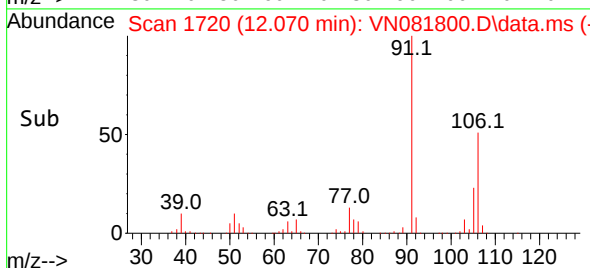
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

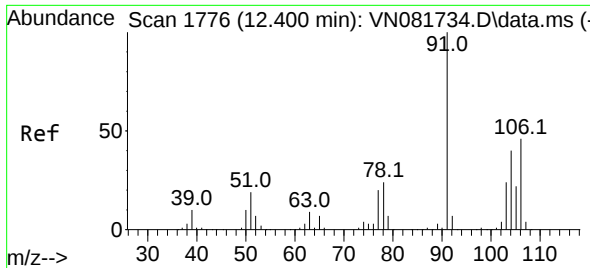


#68
m/p-Xylenes
Concen: 111.200 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.001 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18



Tgt Ion:106 Resp: 311850
Ion Ratio Lower Upper
106 100
91 195.0 159.4 239.0





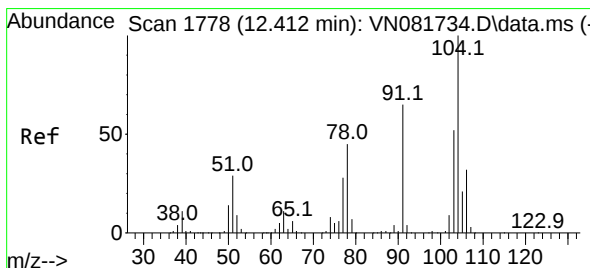
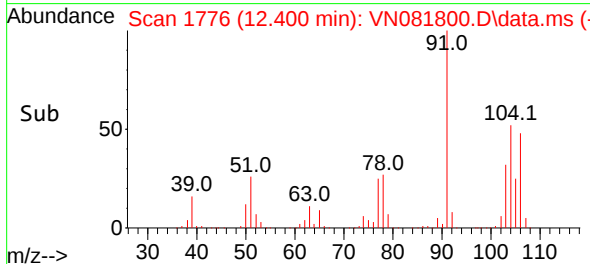
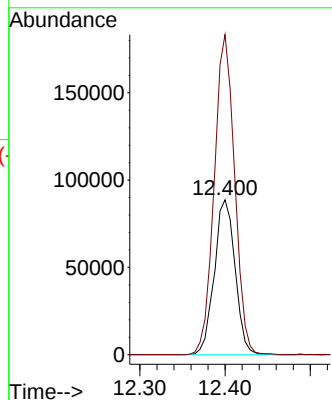
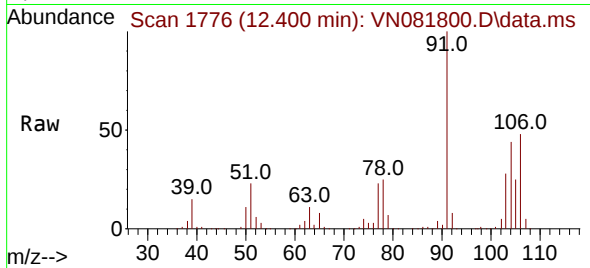
#69
o-Xylene
Concen: 55.771 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 149890
Ion Ratio Lower Upper
106 100
91 203.6 104.7 314.1

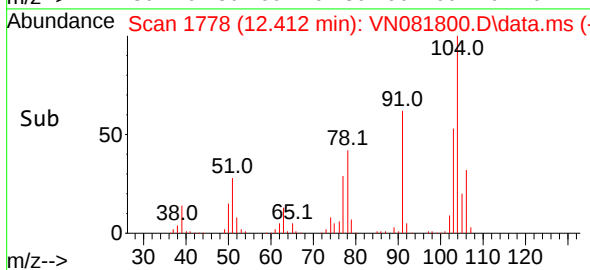
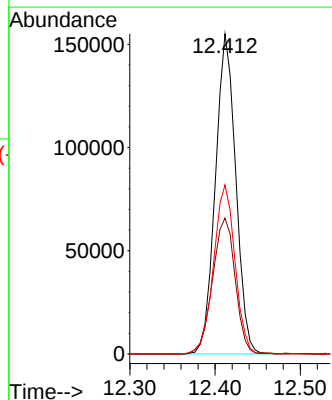
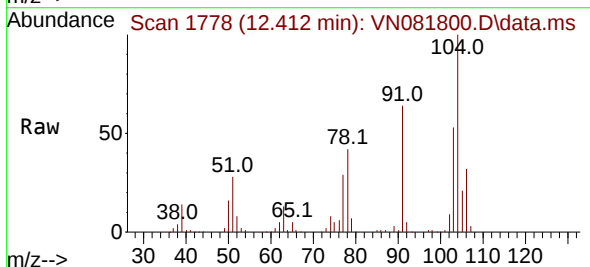
Manual Integrations
APPROVED

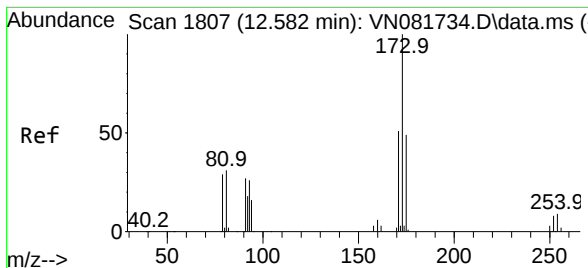
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#70
Styrene
Concen: 58.506 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Tgt Ion:104 Resp: 257601
Ion Ratio Lower Upper
104 100
78 46.8 38.6 58.0
103 55.6 43.8 65.6





#71

Bromoform

Concen: 56.465 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

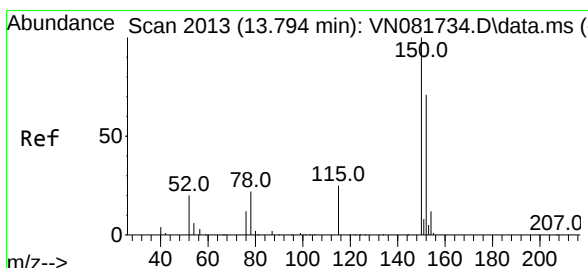
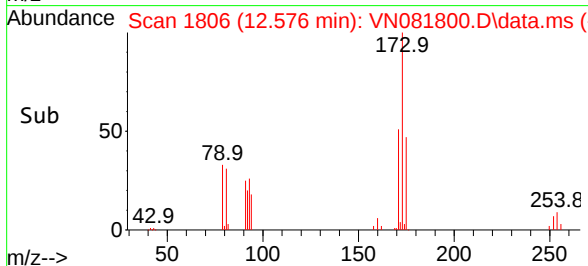
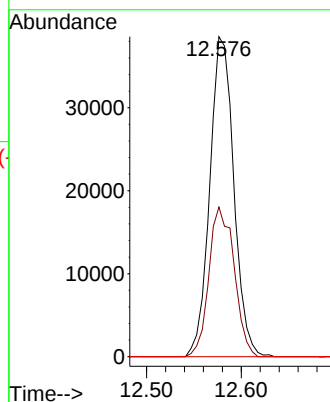
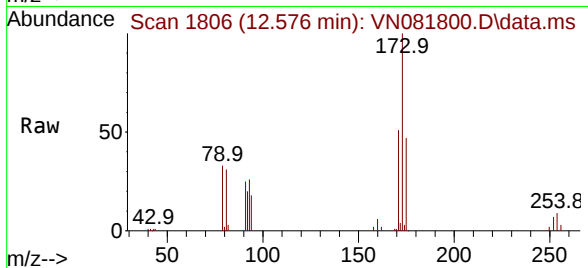
Tgt Ion:173	Resp: 68098
Ion Ratio	Lower Upper
173 100	
175 49.0	24.6 74.0
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

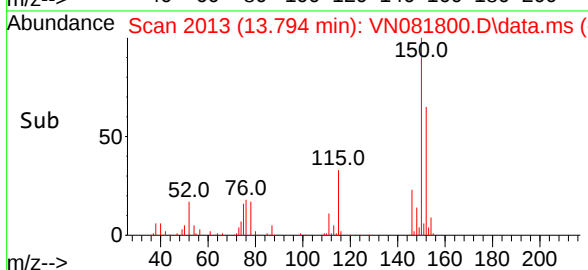
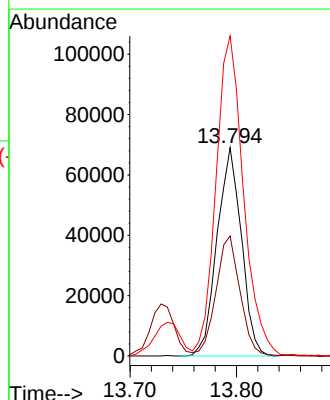
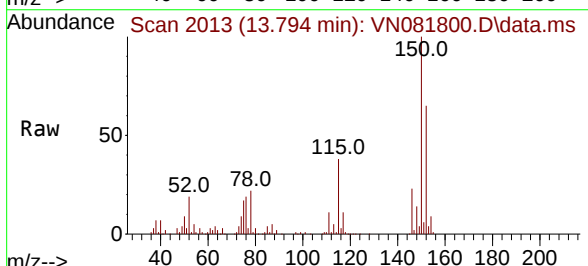
RT: 13.794 min Scan# 2013

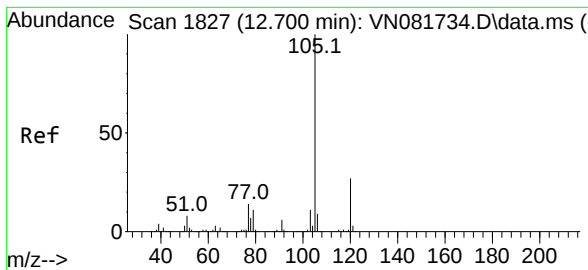
Delta R.T. -0.000 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Tgt Ion:152	Resp: 109665
Ion Ratio	Lower Upper
152 100	
115 56.1	30.4 91.3
150 173.1	0.0 353.2





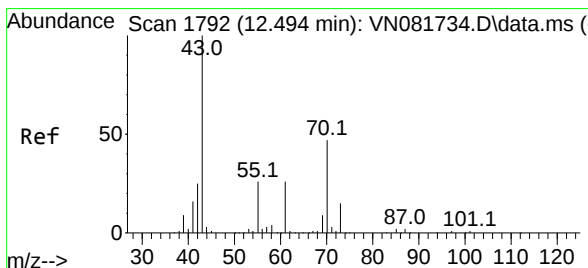
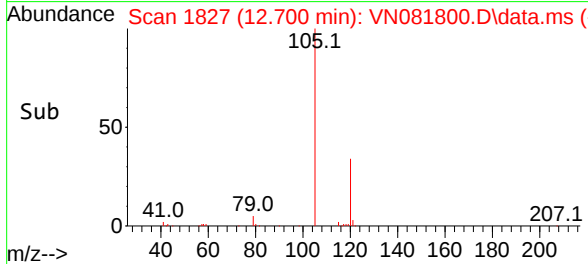
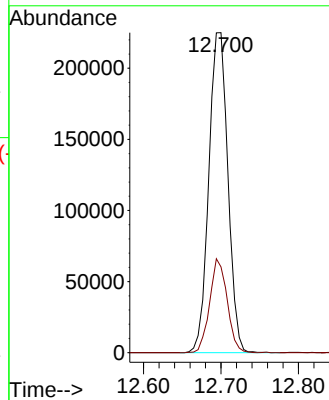
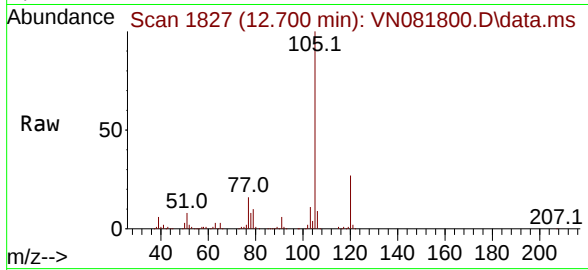
#73
Isopropylbenzene
Concen: 46.757 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 38451
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

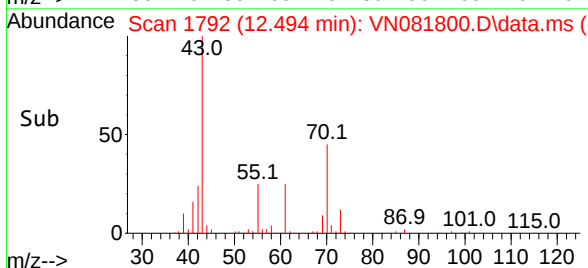
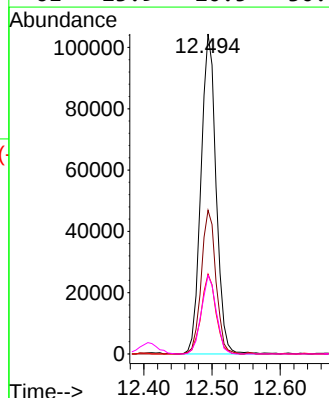
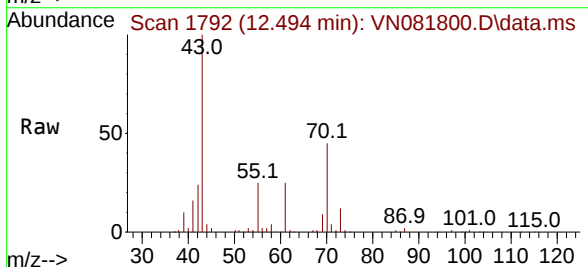
Manual Integrations
APPROVED

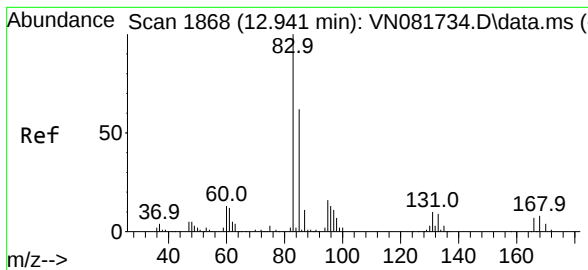
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#74
N-ethyl acetate
Concen: 53.937 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

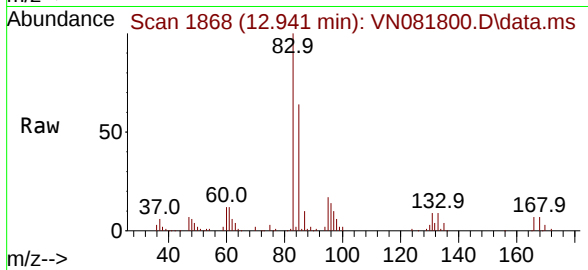
Tgt Ion: 43 Resp: 161428
Ion Ratio Lower Upper
43 100
70 43.4 39.0 58.4
55 24.2 21.3 31.9
61 23.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 43.666 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

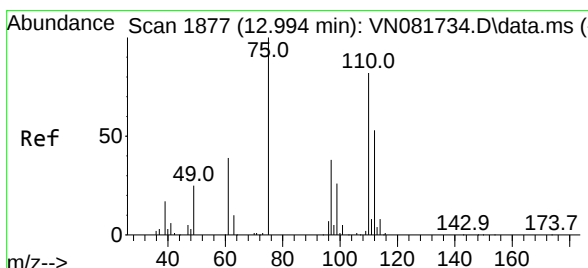
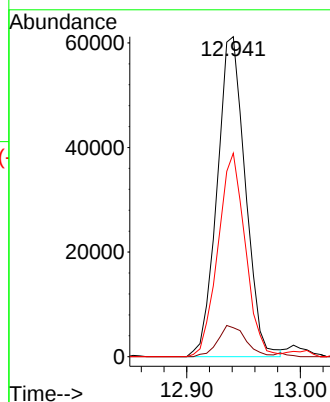
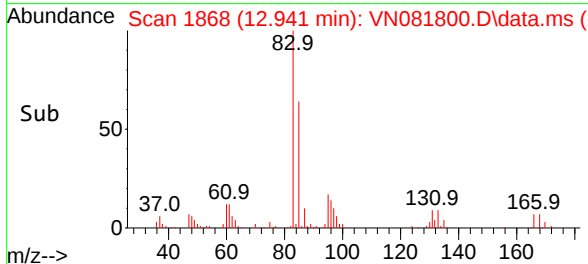
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



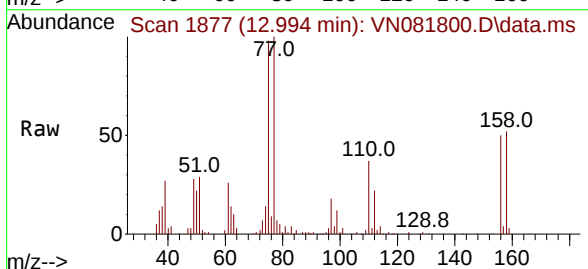
Tgt Ion: 83 Resp: 105500
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.4
85 61.8 32.9 98.6

Manual Integrations
APPROVED

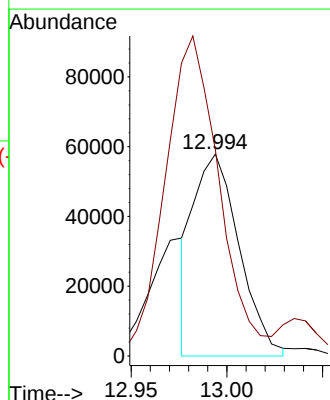
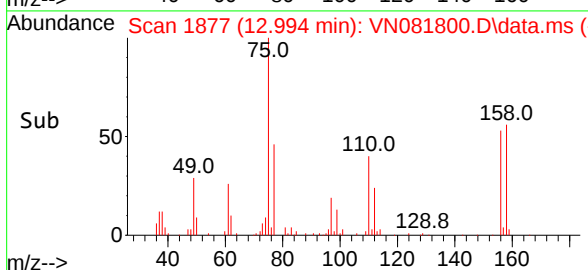
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

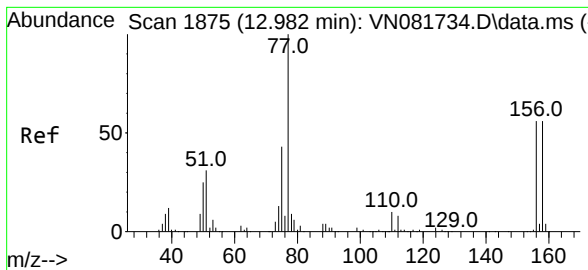


#76
1,2,3-Trichloropropane
Concen: 47.737 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18



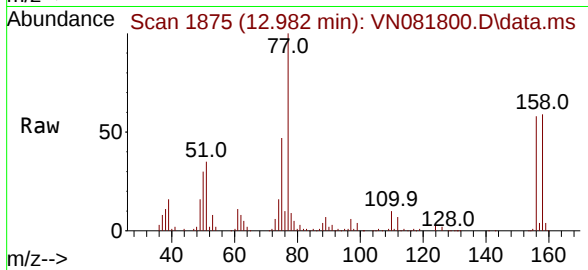
Tgt Ion: 75 Resp: 95648
Ion Ratio Lower Upper
75 100
77 189.1 90.5 271.3





#77
Bromobenzene
Concen: 45.066 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

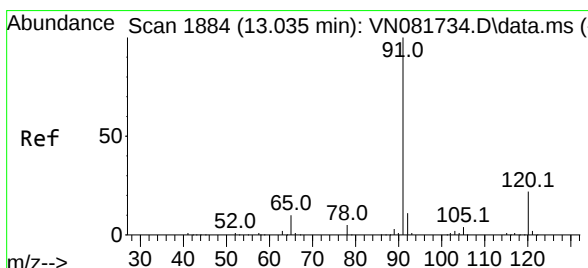
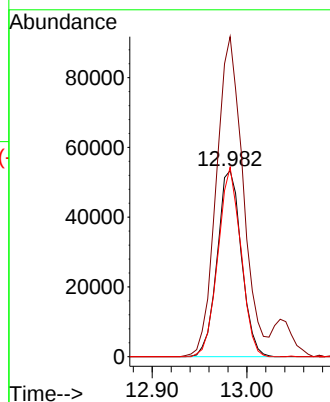
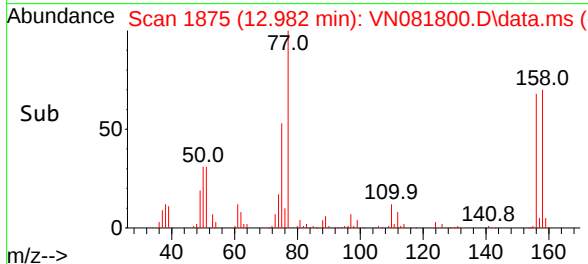
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



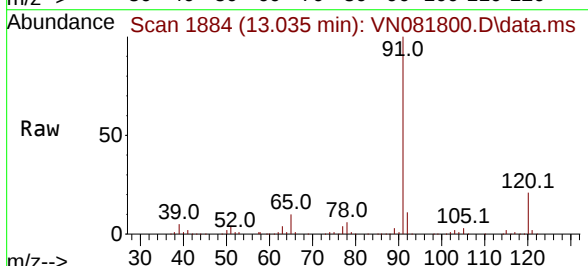
Tgt Ion:156 Resp: 94484
Ion Ratio Lower Upper
156 100
77 191.4 100.2 300.6
158 96.4 49.1 147.3

Manual Integrations
APPROVED

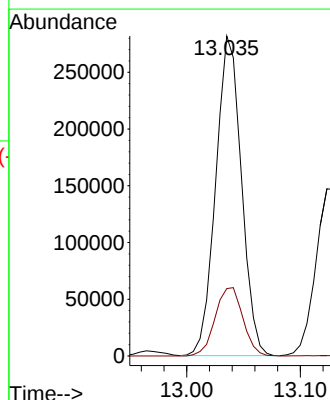
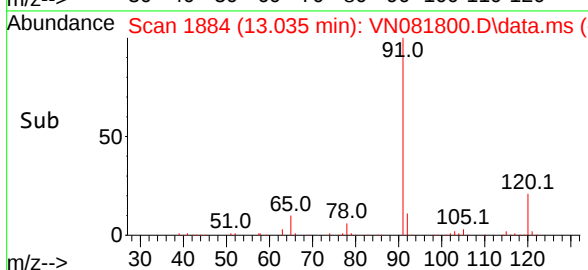
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

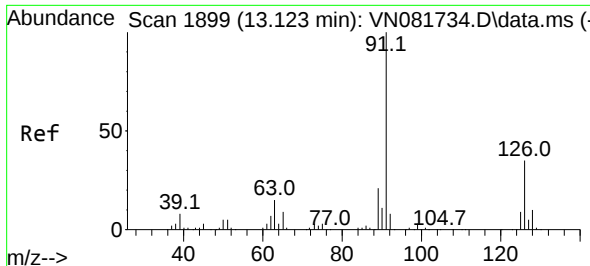


#78
n-propylbenzene
Concen: 46.358 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18



Tgt Ion: 91 Resp: 442380
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.0





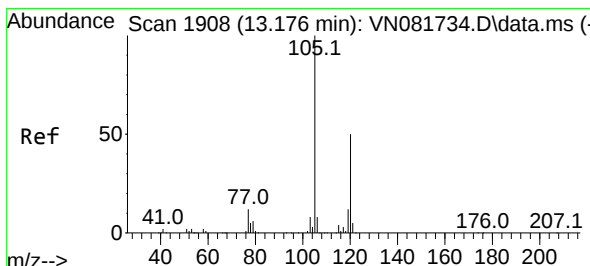
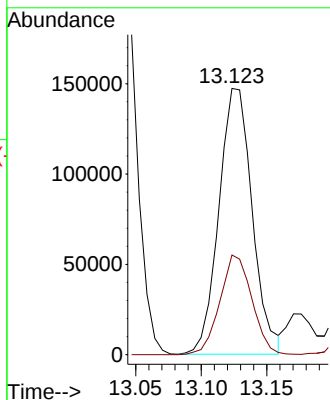
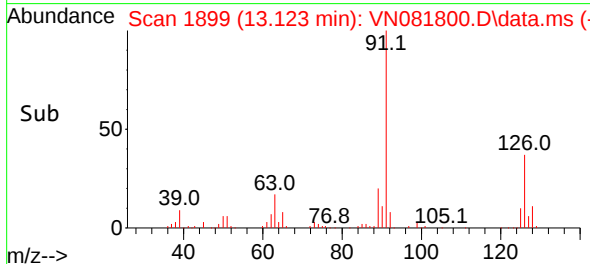
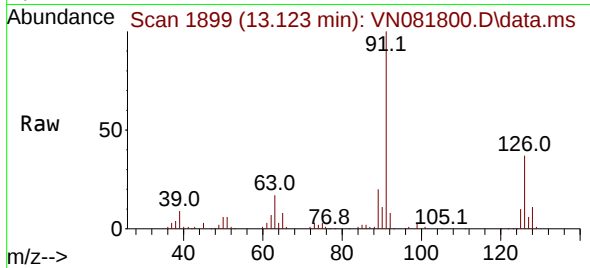
#79
2-Chlorotoluene
Concen: 43.821 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 26065
Ion Ratio Lower Upper
91 100
126 36.0 17.5 52.5

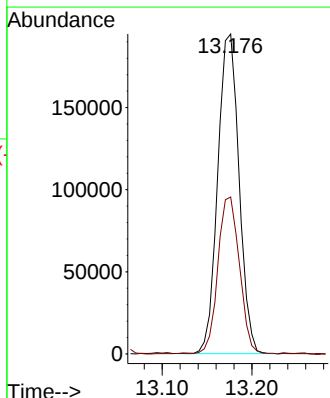
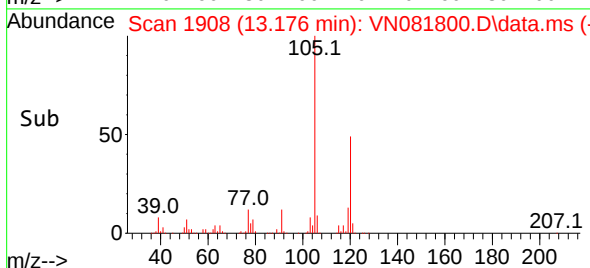
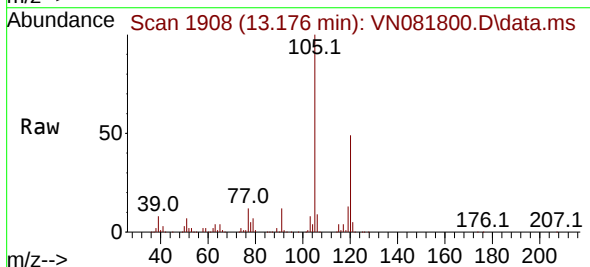
Manual Integrations
APPROVED

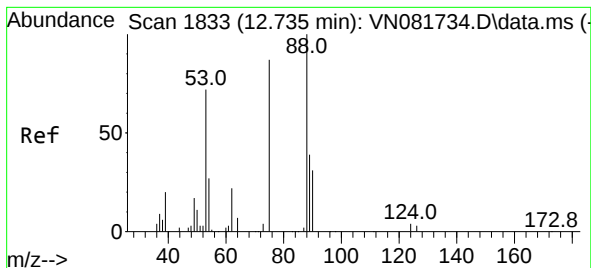
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 47.752 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

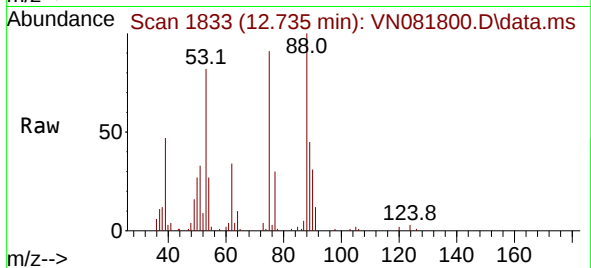
Tgt Ion:105 Resp: 320787
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.913 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

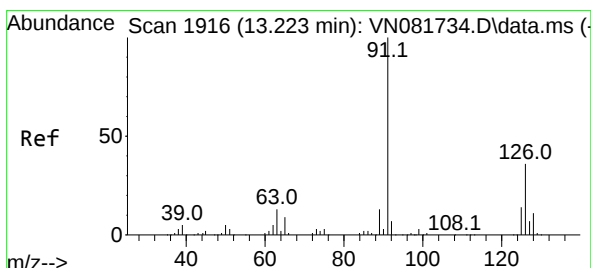
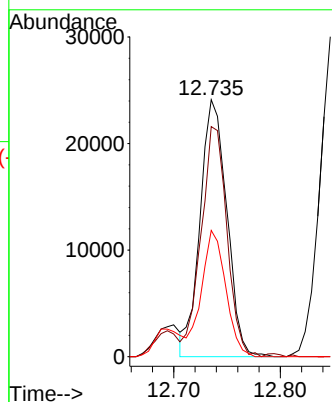
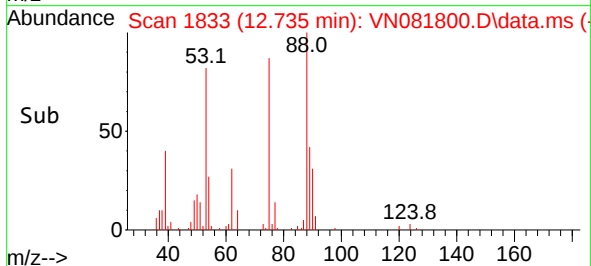
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



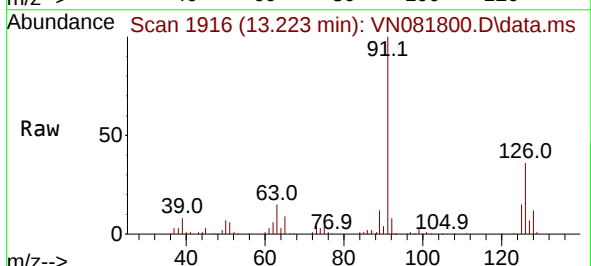
Tgt Ion: 75 Resp: 42040
Ion Ratio Lower Upper
75 100
53 86.7 72.9 109.3
89 44.5 39.1 58.7

Manual Integrations
APPROVED

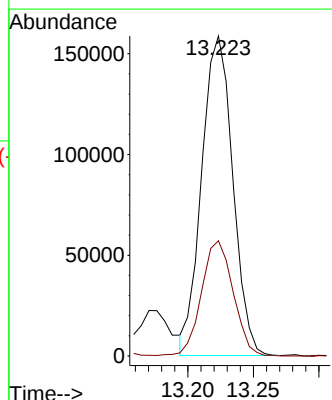
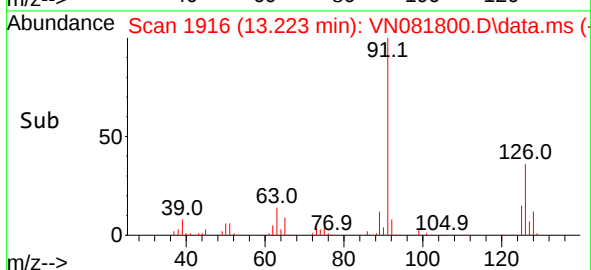
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

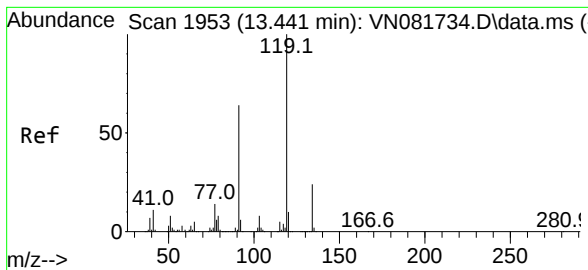


#82
4-Chlorotoluene
Concen: 44.553 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18



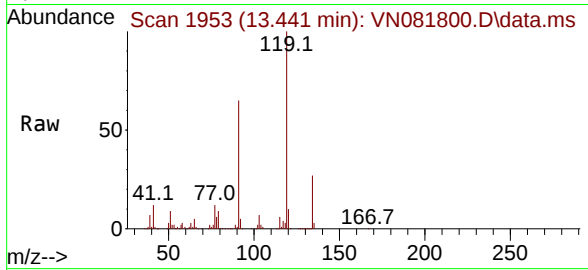
Tgt Ion: 91 Resp: 261805
Ion Ratio Lower Upper
91 100
126 36.7 17.4 52.3





#83
tert-Butylbenzene
Concen: 48.164 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

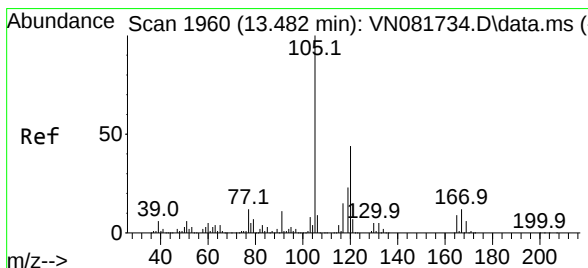
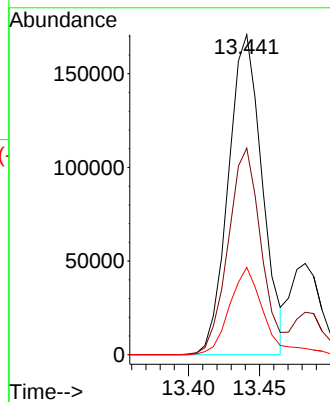
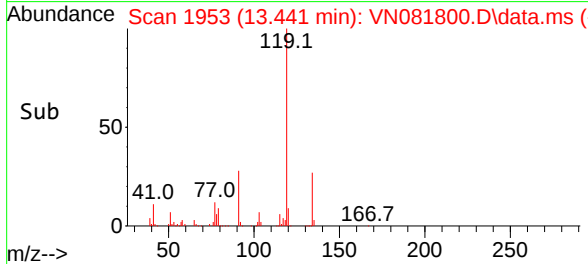
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



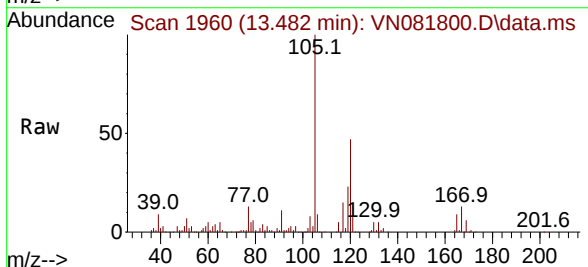
Tgt Ion:119 Resp: 283380
Ion Ratio Lower Upper
119 100
91 62.6 32.6 97.8
134 27.8 12.4 37.0

Manual Integrations
APPROVED

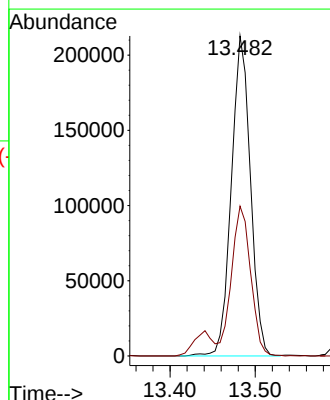
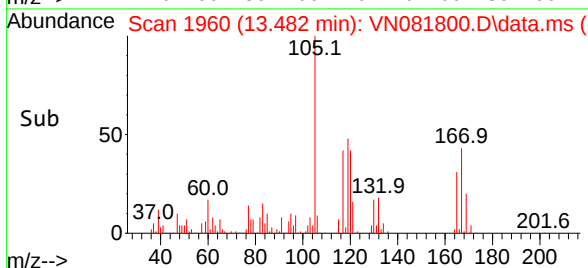
Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024

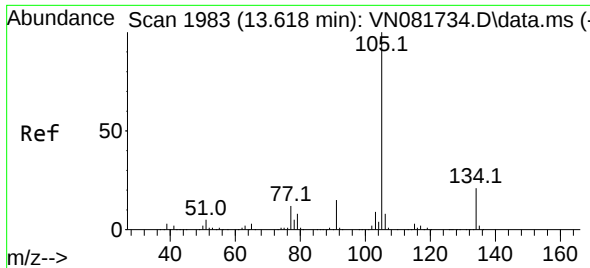


#84
1,2,4-Trimethylbenzene
Concen: 48.815 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18



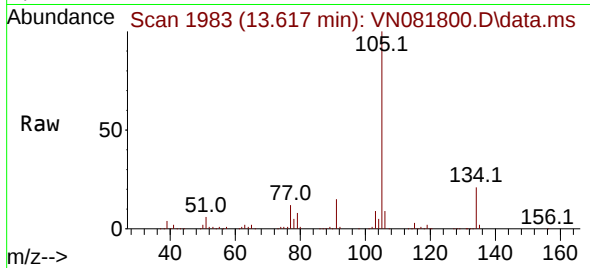
Tgt Ion:105 Resp: 330778
Ion Ratio Lower Upper
105 100
120 47.5 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 47.871 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.001 min
 Lab File: VN081800.D
 Acq: 18 Apr 2024 20:18

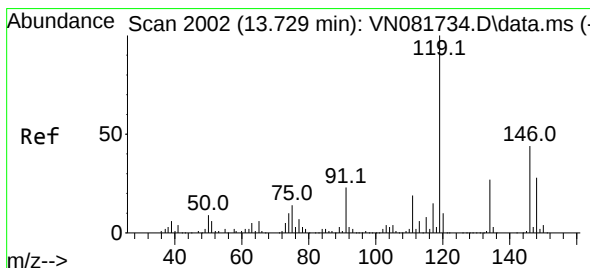
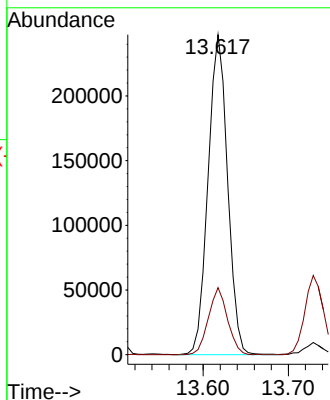
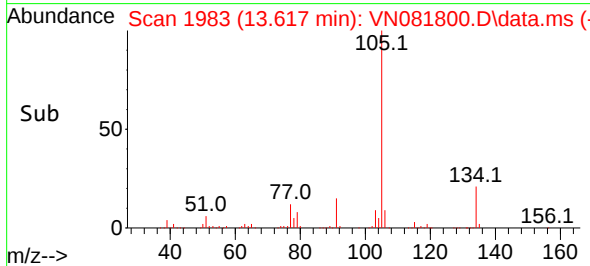
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



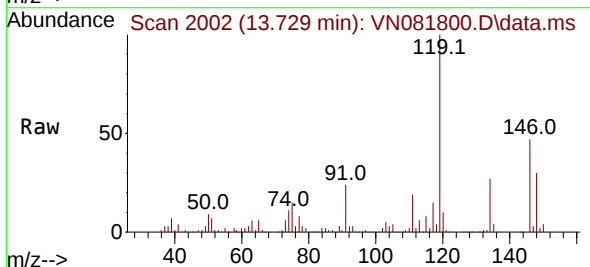
Tgt Ion:105 Resp: 393048
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

Manual Integrations
 APPROVED

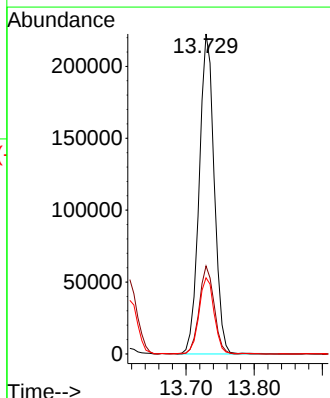
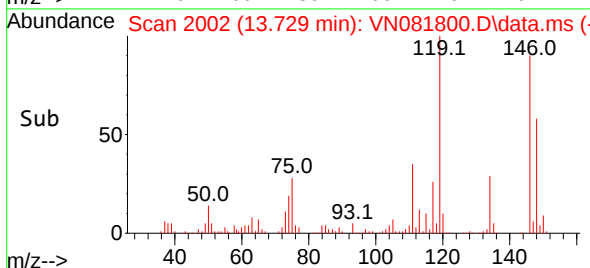
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024

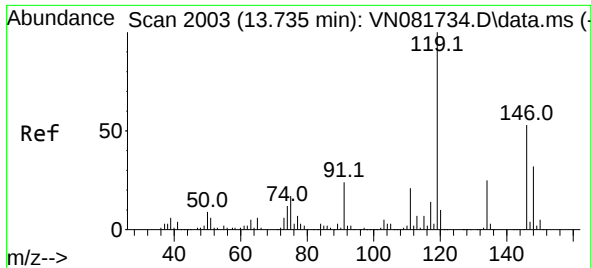


#86
 p-Isopropyltoluene
 Concen: 50.721 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081800.D
 Acq: 18 Apr 2024 20:18



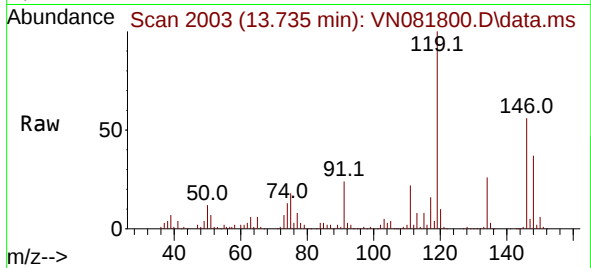
Tgt Ion:119 Resp: 341335
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.5
 91 23.7 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 47.861 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081800.D
 Acq: 18 Apr 2024 20:18

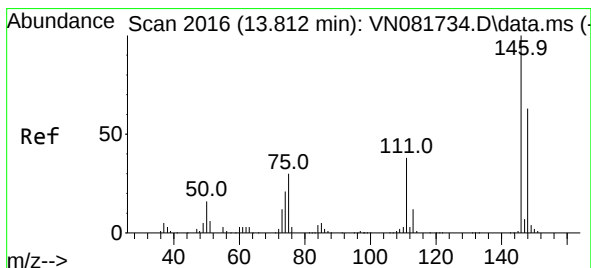
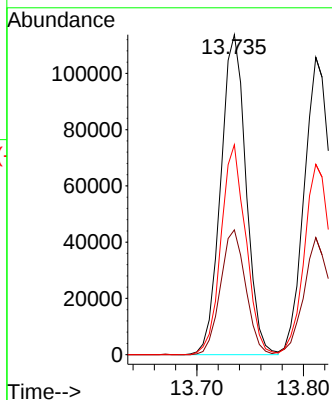
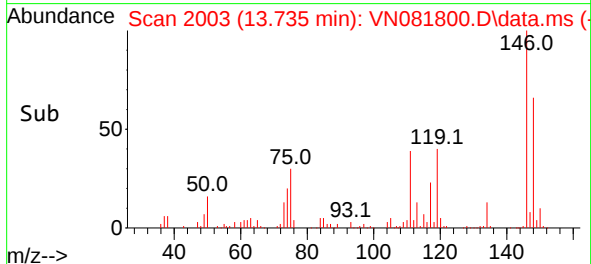
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



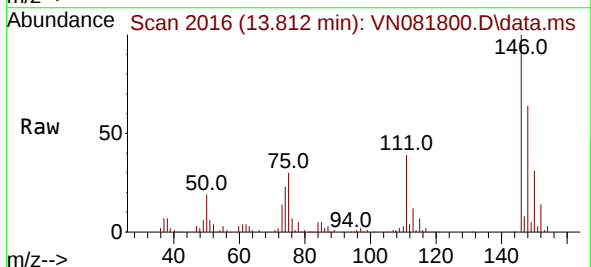
Tgt Ion:146 Resp: 187550
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.8 62.5
 148 64.3 32.1 96.3

Manual Integrations
 APPROVED

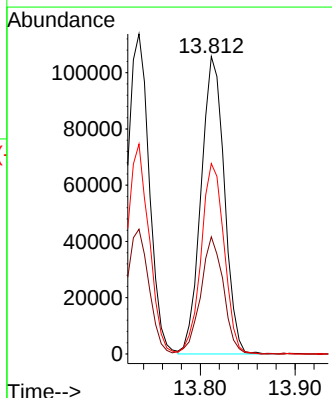
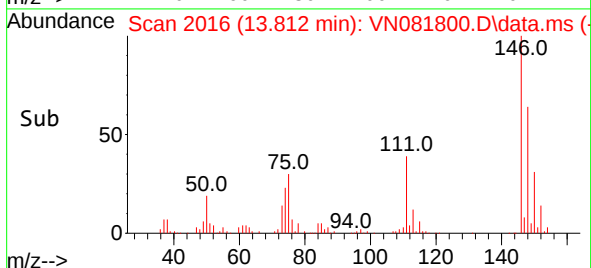
Reviewed By :John Carlone 04/19/2024
 Supervised By :Mahesh Dadoda 04/19/2024

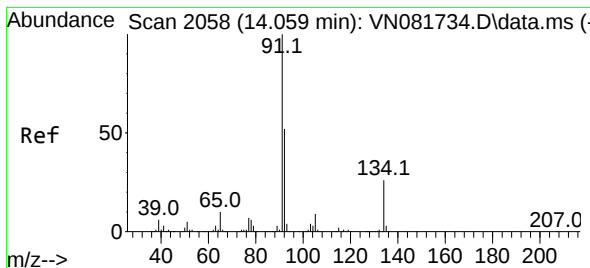


#88
 1,4-Dichlorobenzene
 Concen: 45.234 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081800.D
 Acq: 18 Apr 2024 20:18



Tgt Ion:146 Resp: 180751
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.9
 148 63.3 31.3 93.9





#89

n-Butylbenzene

Concen: 45.860 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 269838

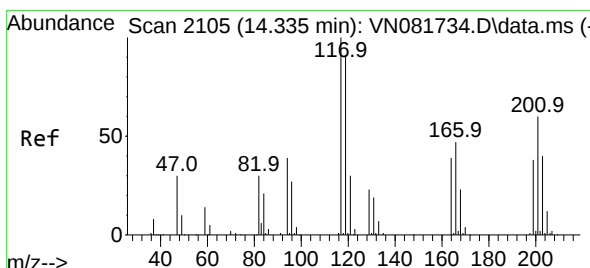
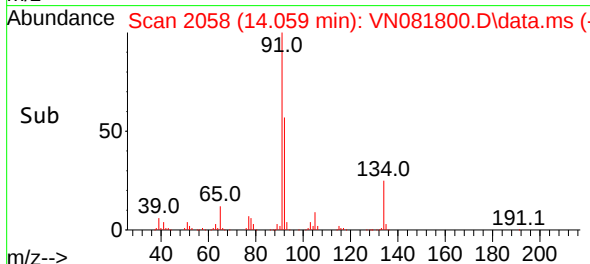
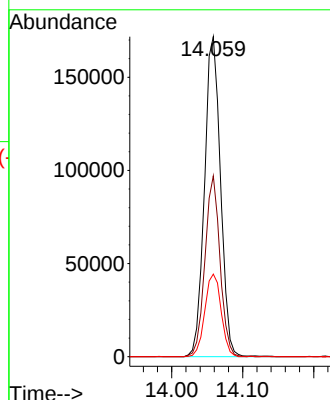
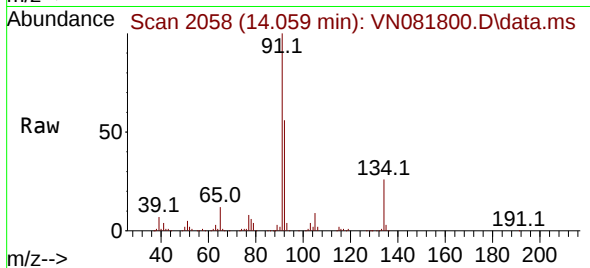
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.2	78.5
134	26.3	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#90

Hexachloroethane

Concen: 42.201 ug/l

RT: 14.335 min Scan# 2105

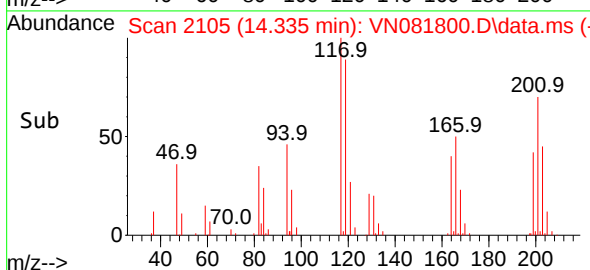
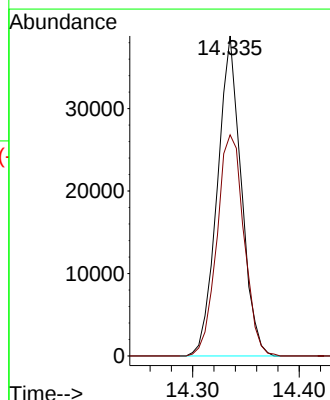
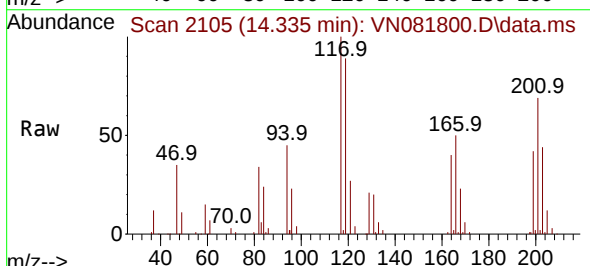
Delta R.T. 0.000 min

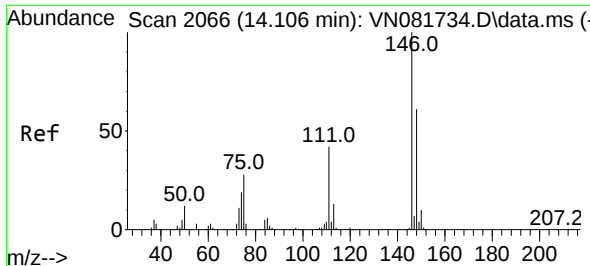
Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Tgt Ion:117 Resp: 60455

Ion	Ratio	Lower	Upper
117	100		
201	78.2	33.3	99.8





#91

1,2-Dichlorobenzene

Concen: 47.095 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

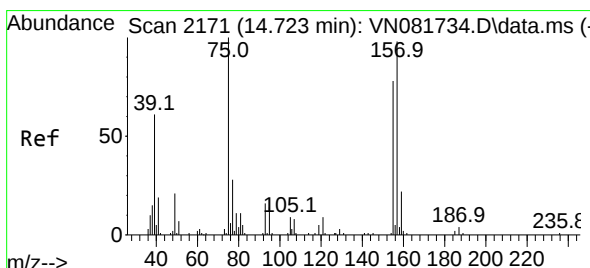
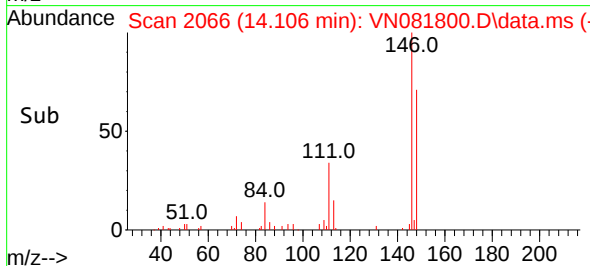
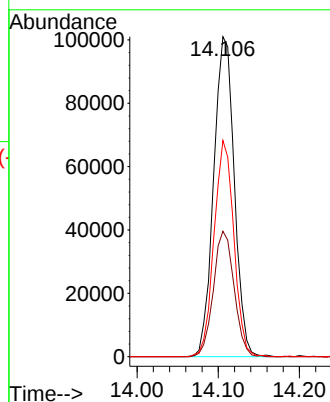
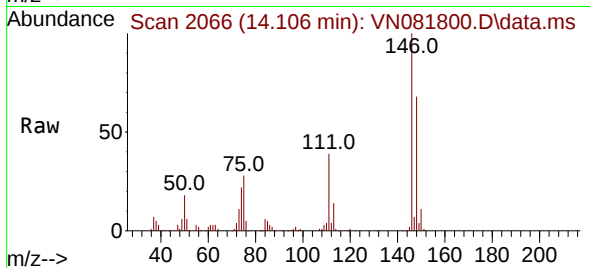
Tgt Ion:	146	Resp:	178618
Ion Ratio	Lower	Upper	
146	100		
111	39.3	21.3	64.0
148	64.8	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.306 ug/l

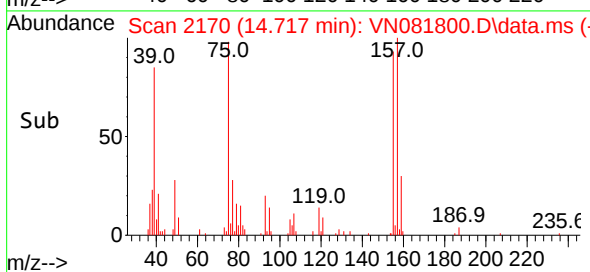
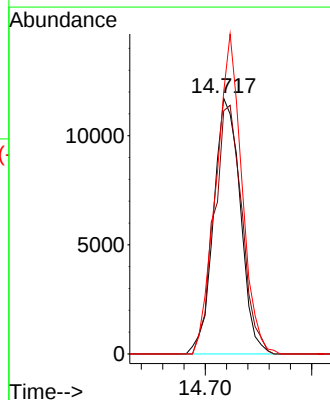
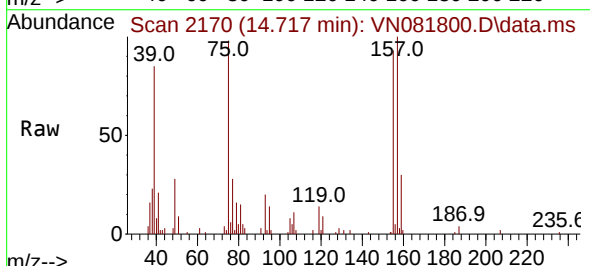
RT: 14.717 min Scan# 2170

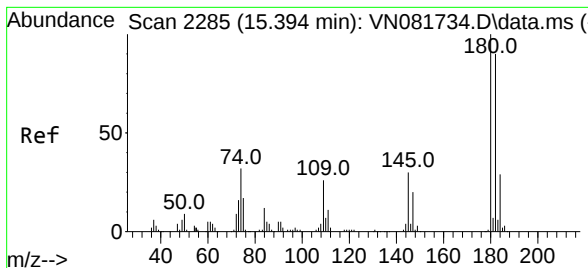
Delta R.T. -0.006 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Tgt Ion:	75	Resp:	20416
Ion Ratio	Lower	Upper	
75	100		
155	101.1	42.6	128.0
157	120.0	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 50.875 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

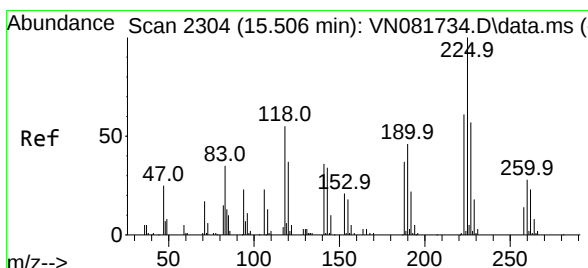
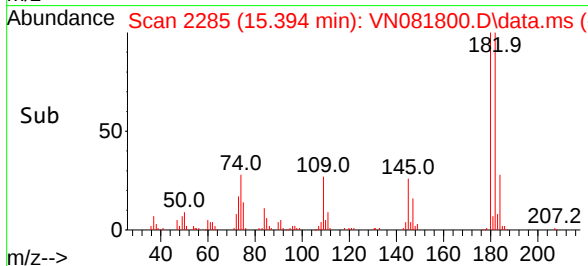
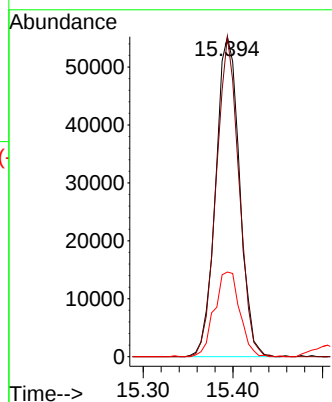
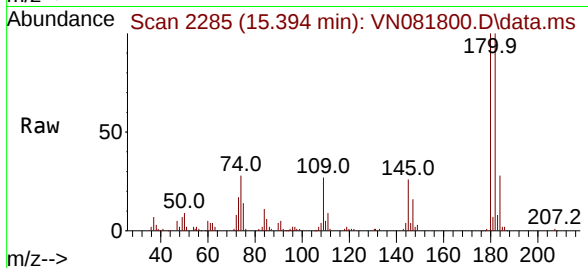
Tgt Ion:180	Resp: 10164
Ion Ratio	Lower Upper
180	100
182	95.1 46.7 140.0
145	28.1 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2024

Supervised By :Mahesh Dadoda 04/19/2024



#94

Hexachlorobutadiene

Concen: 42.444 ug/l

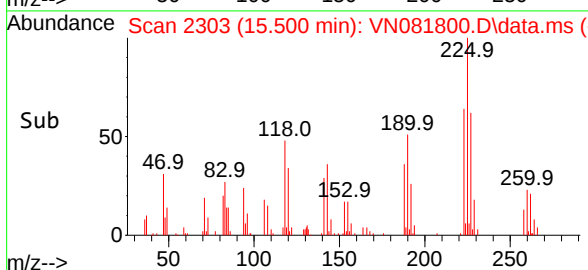
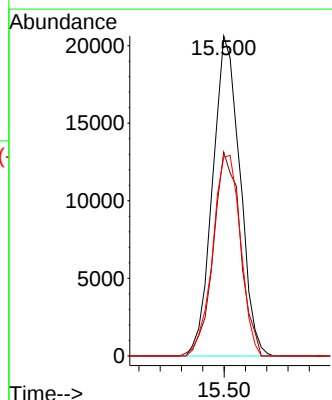
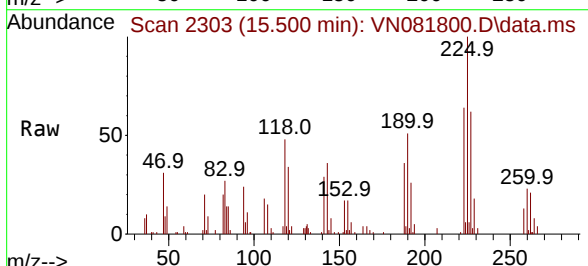
RT: 15.500 min Scan# 2303

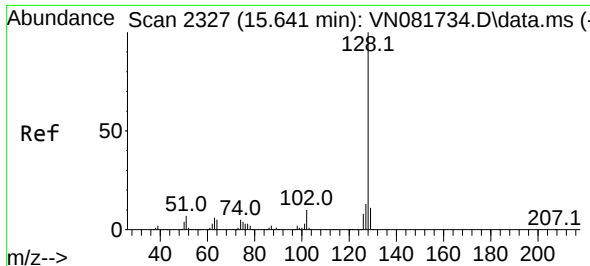
Delta R.T. -0.006 min

Lab File: VN081800.D

Acq: 18 Apr 2024 20:18

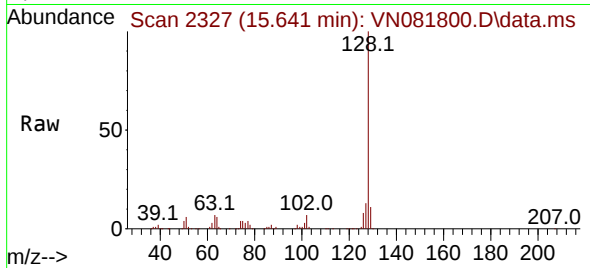
Tgt Ion:225	Resp: 36555
Ion Ratio	Lower Upper
225	100
223	63.3 31.1 93.2
227	63.8 30.6 91.6





#95
Naphthalene
Concen: 51.449 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

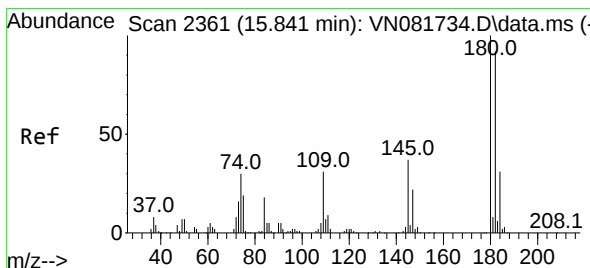
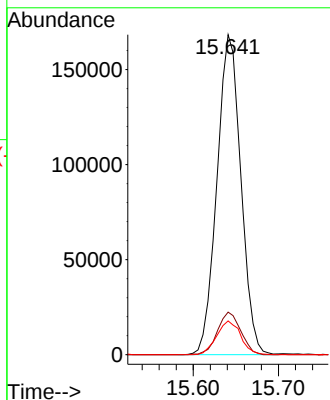
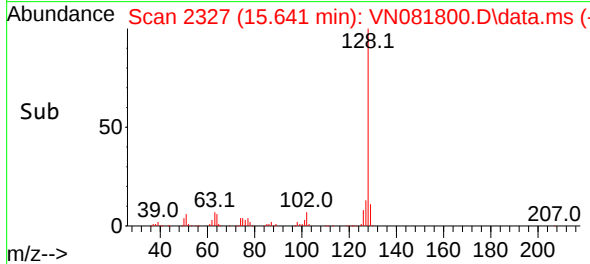
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 32841
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/19/2024
Supervised By :Mahesh Dadoda 04/19/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.618 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081800.D
Acq: 18 Apr 2024 20:18

Tgt Ion:180 Resp: 101355
Ion Ratio Lower Upper
180 100
182 95.4 46.0 137.8
145 29.8 17.1 51.3

