

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082133.D
 Acq On : 15 May 2024 15:01
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 16 04:59:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	17384	5.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.560%#		
35) Dibromofluoromethane	8.165	113	10952	5.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.740%#		
50) Toluene-d8	10.565	98	43064	5.508	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.020%#		
62) 4-Bromofluorobenzene	12.847	95	14748	5.285	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	10.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	14241	5.185	ug/l	92
3) Chloromethane	2.359	50	16363	5.257	ug/l	94
4) Vinyl Chloride	2.518	62	14724	5.032	ug/l	91
5) Bromomethane	2.948	94	9665	5.746	ug/l	96
6) Chloroethane	3.118	64	10346	5.415	ug/l	94
7) Trichlorofluoromethane	3.500	101	20762	5.418	ug/l	99
8) Diethyl Ether	3.953	74	7347	5.382	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.365	101	11702	5.228	ug/l	99
10) Methyl Iodide	4.583	142	10610	4.715	ug/l	93
11) Tert butyl alcohol	5.524	59	12621	26.138	ug/l #	86
12) 1,1-Dichloroethene	4.336	96	10590	5.090	ug/l	82
13) Acrolein	4.183	56	7837	21.902	ug/l	97
14) Allyl chloride	5.024	41	22669	5.089	ug/l #	91
15) Acrylonitrile	5.718	53	33119	26.484	ug/l	98
16) Acetone	4.436	43	30842	24.994	ug/l	92
17) Carbon Disulfide	4.712	76	33834	5.035	ug/l	96
18) Methyl Acetate	5.030	43	16598	5.401	ug/l #	64
19) Methyl tert-butyl Ether	5.789	73	39487	5.192	ug/l	94
20) Methylene Chloride	5.277	84	13797	5.542	ug/l #	79
21) trans-1,2-Dichloroethene	5.783	96	11643	5.135	ug/l #	75
22) Diisopropyl ether	6.671	45	47995	5.160	ug/l #	90
23) Vinyl Acetate	6.600	43	184683	25.184	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	25311	5.280	ug/l	92
25) 2-Butanone	7.483	43	46571	24.893	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	20602	5.131	ug/l	93
27) cis-1,2-Dichloroethene	7.483	96	14348	5.362	ug/l	84
28) Bromochloromethane	7.812	49	13793	6.248	ug/l #	75
29) Tetrahydrofuran	7.841	42	30986	25.796	ug/l #	80
30) Chloroform	7.965	83	24601	5.374	ug/l	96
31) Cyclohexane	8.253	56	28403	5.912	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	20679	5.091	ug/l #	89
36) 1,1-Dichloropropene	8.371	75	17011	4.974	ug/l	94
37) Ethyl Acetate	7.565	43	19801	5.174	ug/l	95
38) Carbon Tetrachloride	8.359	117	17804	5.136	ug/l	87
39) Methylcyclohexane	9.600	83	19406	5.177	ug/l #	81
40) Benzene	8.606	78	52634	5.161	ug/l	93

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

Quant Time: May 16 04:59:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	11382	5.057	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	20275	5.169	ug/l	94
43) Isopropyl Acetate	8.688	43	34800	5.131	ug/l #	89
44) Trichloroethene	9.353	130	12173	5.255	ug/l	84
45) 1,2-Dichloropropane	9.624	63	13020	4.948	ug/l	98
46) Dibromomethane	9.706	93	8780	5.082	ug/l	97
47) Bromodichloromethane	9.894	83	18872	5.175	ug/l #	87
48) Methyl methacrylate	9.682	41	16304	5.045	ug/l #	81
49) 1,4-Dioxane	9.694	88	4591	101.386	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	96464	25.035	ug/l	88
52) Toluene	10.635	92	30958	5.058	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	18485	4.901	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	20414	5.113	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	12164	5.469	ug/l	89
56) Ethyl methacrylate	10.876	69	18343	4.858	ug/l #	68
57) 1,3-Dichloropropane	11.165	76	20916	5.030	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	49367	25.347	ug/l	89
59) 2-Hexanone	11.194	43	68324	24.217	ug/l	88
60) Dibromochloromethane	11.359	129	11853	4.829	ug/l	98
61) 1,2-Dibromoethane	11.471	107	11594	5.075	ug/l	100
64) Tetrachloroethene	11.106	164	11509	5.316	ug/l	94
65) Chlorobenzene	11.894	112	33246	5.152	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	10982	5.167	ug/l	99
67) Ethyl Benzene	11.965	91	58624	5.079	ug/l	95
68) m/p-Xylenes	12.070	106	42124	9.957	ug/l	90
69) o-Xylene	12.400	106	20407	4.980	ug/l	91
70) Styrene	12.412	104	32737	4.809	ug/l #	91
71) Bromoform	12.582	173	7677	5.179	ug/l #	95
73) Isopropylbenzene	12.694	105	52143	5.189	ug/l	98
74) N-amyl acetate	12.494	43	27843	5.037	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	15056	5.197	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	12863m	4.838	ug/l	
77) Bromobenzene	12.982	156	12589	5.257	ug/l	86
78) n-propylbenzene	13.035	91	60764	5.106	ug/l	95
79) 2-Chlorotoluene	13.129	91	38022	5.088	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	40486	4.982	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	5607	5.178	ug/l #	72
82) 4-Chlorotoluene	13.223	91	36791	5.036	ug/l	93
83) tert-Butylbenzene	13.441	119	36749	5.169	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	41596	5.003	ug/l	99
85) sec-Butylbenzene	13.617	105	49958	5.070	ug/l	100
86) p-Isopropyltoluene	13.729	119	39311	4.909	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	22200	5.117	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	22685	5.123	ug/l	89
89) n-Butylbenzene	14.059	91	35283	4.902	ug/l	96
90) Hexachloroethane	14.329	117	7588	5.114	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	21710	5.286	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	3104	5.215	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	11170	4.852	ug/l	97
94) Hexachlorobutadiene	15.494	225	5218	5.165	ug/l	95
95) Naphthalene	15.641	128	33674	4.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	11674	5.065	ug/l	98

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Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

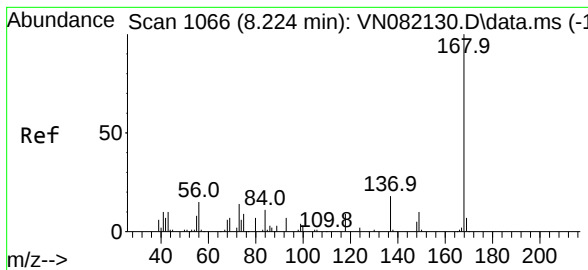
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

Quant Time: May 16 04:59:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 04:51:03 2024
Response via : Initial Calibration

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



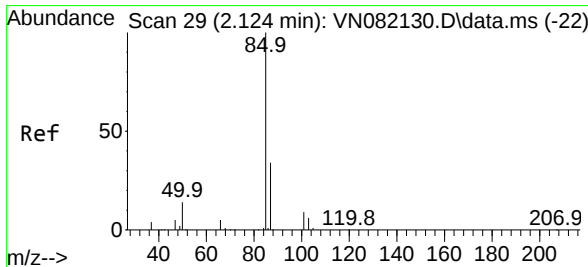
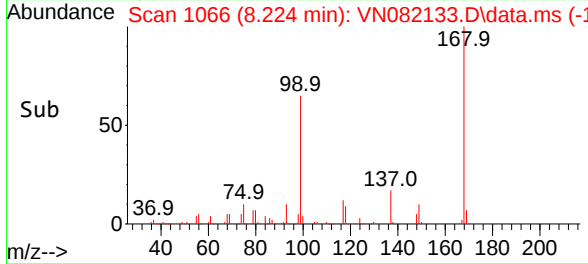
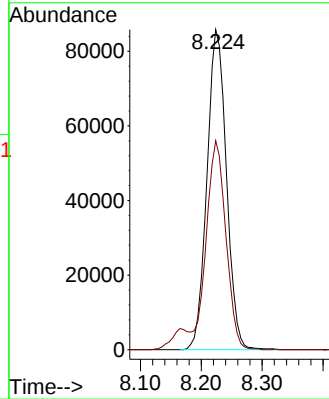
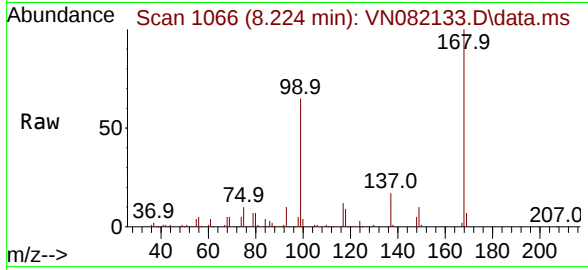
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 19050
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.4

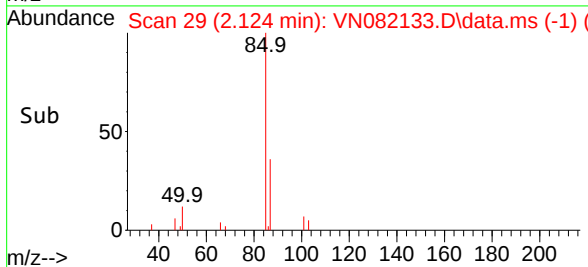
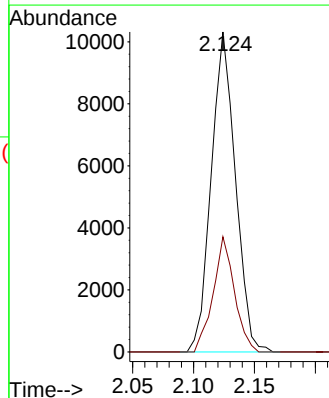
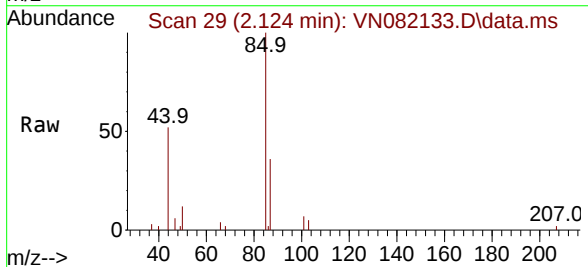
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#2
Dichlorodifluoromethane
Concen: 5.185 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

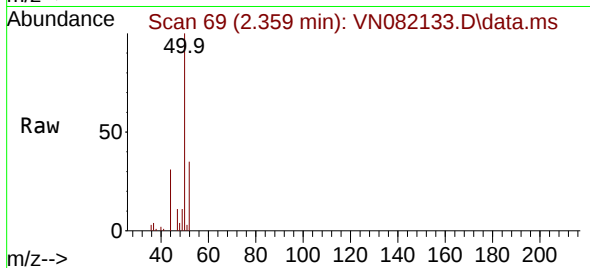
Tgt Ion: 85 Resp: 14241
Ion Ratio Lower Upper
85 100
87 36.0 15.8 47.4





#3
Chloromethane
Concen: 5.257 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

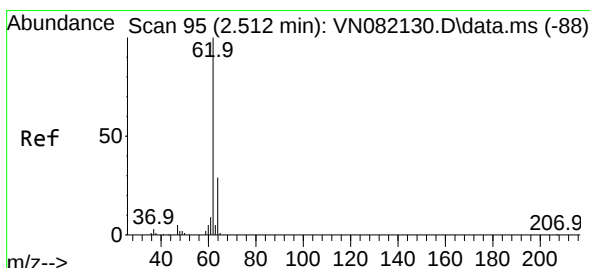
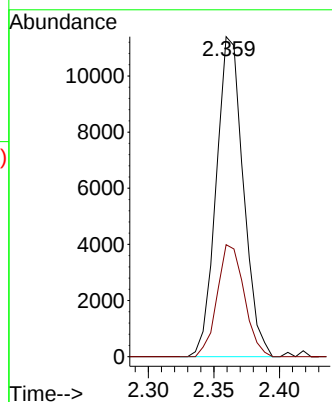
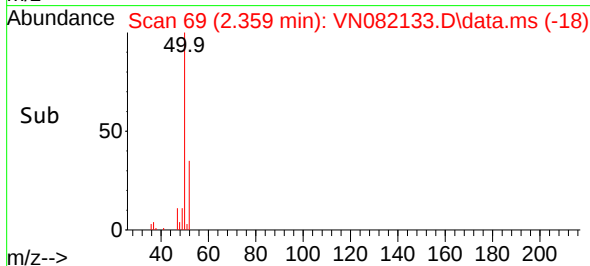
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 1636
Ion Ratio Lower Upper
50 100
52 35.0 25.5 38.3

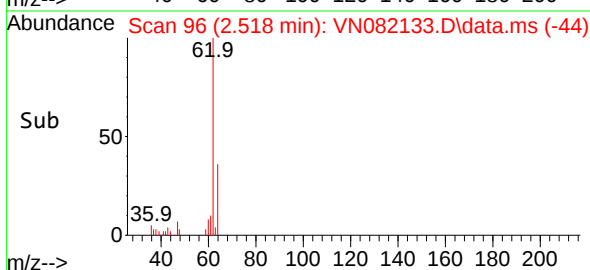
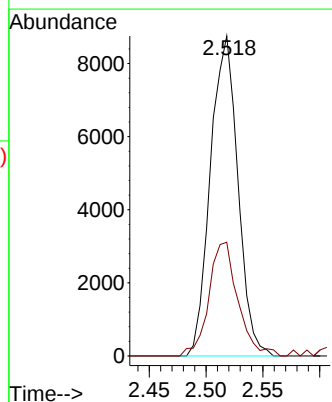
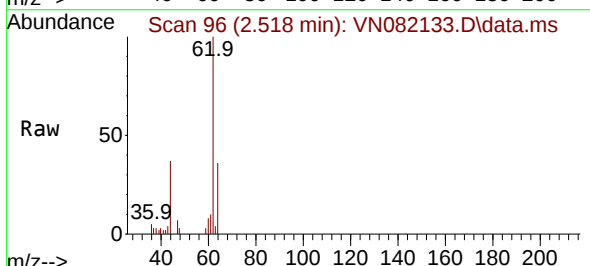
Manual Integrations
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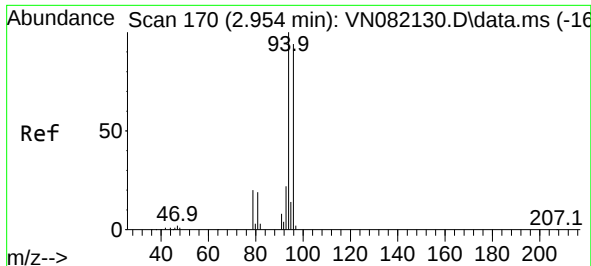
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#4
Vinyl Chloride
Concen: 5.032 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

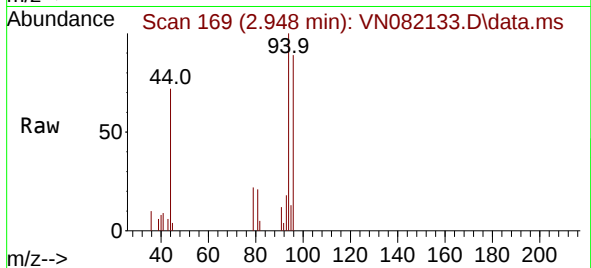
Tgt Ion: 62 Resp: 14724
Ion Ratio Lower Upper
62 100
64 35.5 24.6 37.0





#5
Bromomethane
Concen: 5.746 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

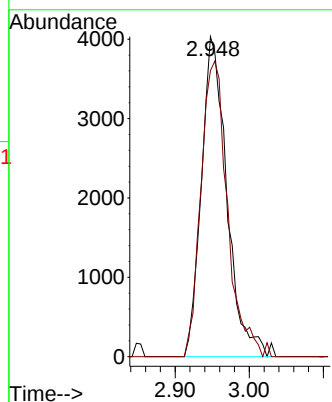
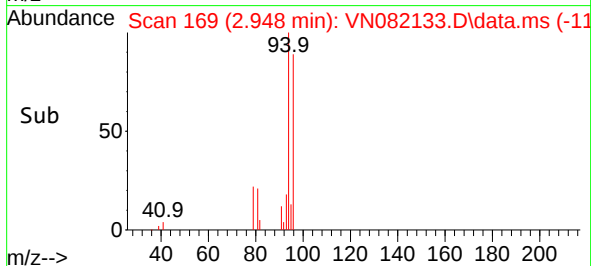
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



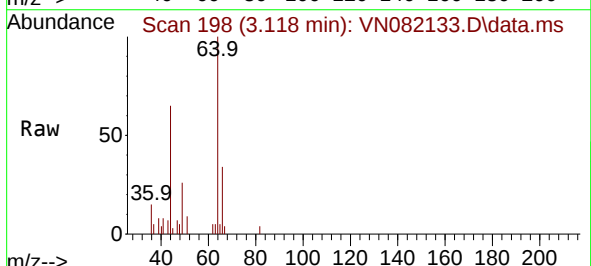
Tgt Ion: 94 Resp: 966
Ion Ratio Lower Upper
94 100
96 89.4 74.8 112.2

Manual Integrations
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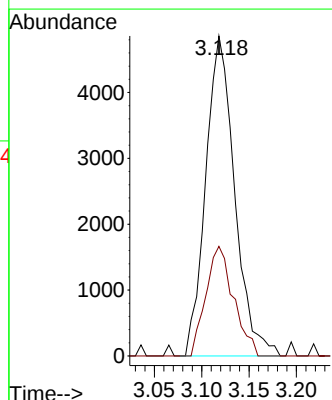
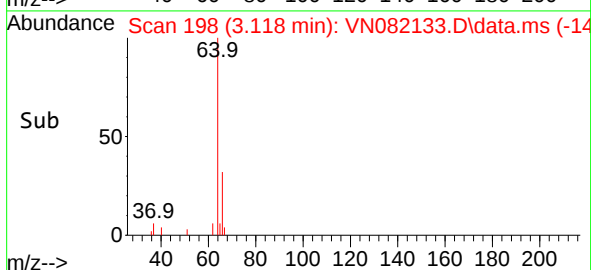
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

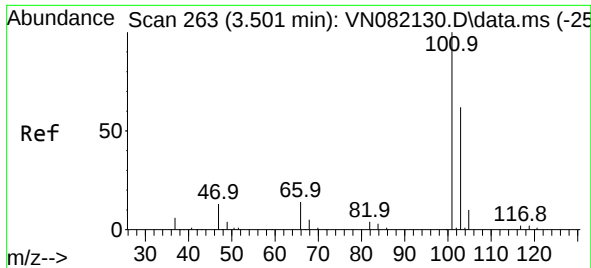


#6
Chloroethane
Concen: 5.415 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01



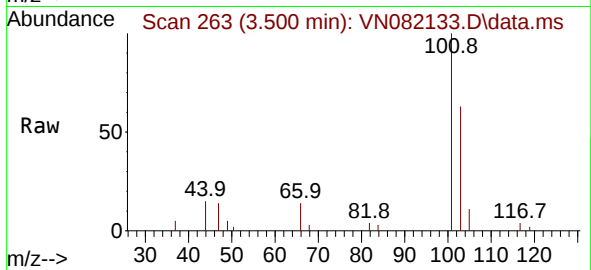
Tgt Ion: 64 Resp: 10346
Ion Ratio Lower Upper
64 100
66 34.3 24.7 37.1





#7
Trichlorofluoromethane
Concen: 5.418 ug/l
RT: 3.500 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

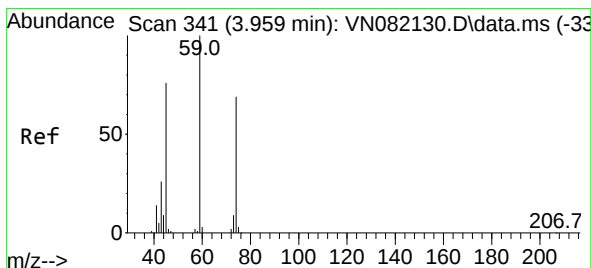
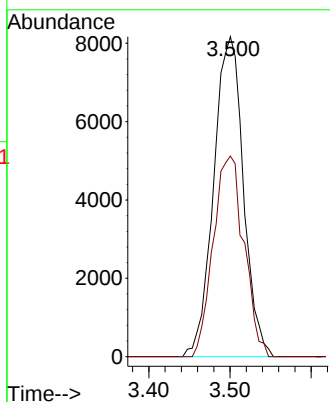
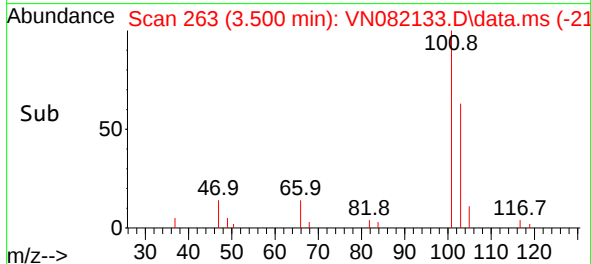
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 2076
Ion Ratio Lower Upper
101 100
103 62.7 50.6 75.8

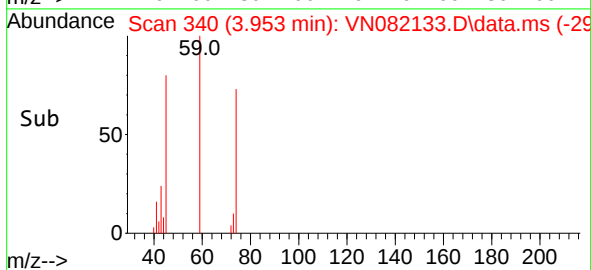
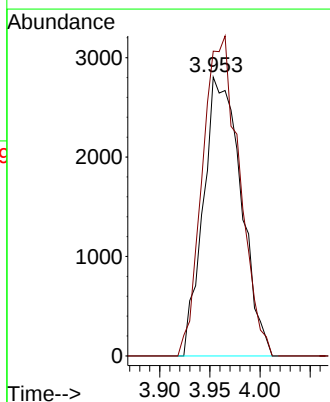
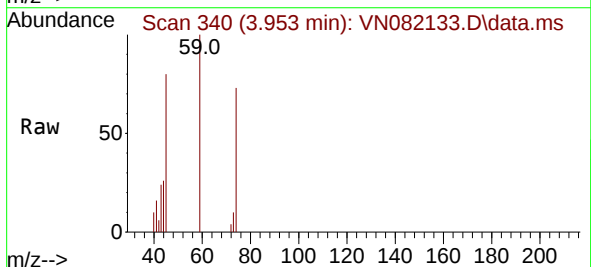
Manual Integrations
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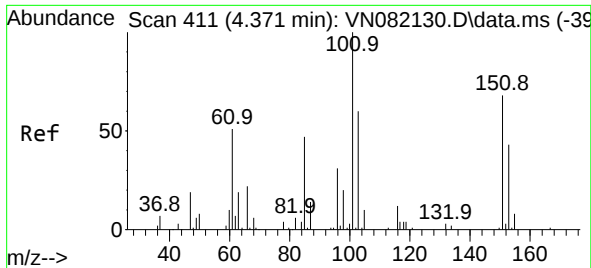
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#8
Diethyl Ether
Concen: 5.382 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion: 74 Resp: 7347
Ion Ratio Lower Upper
74 100
45 112.2 42.4 127.3





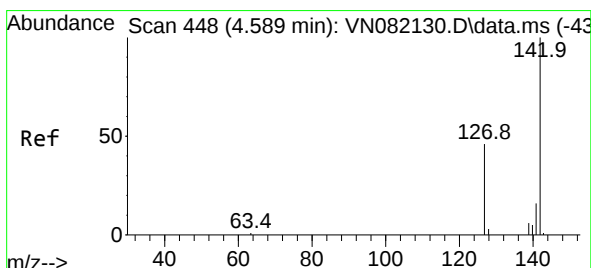
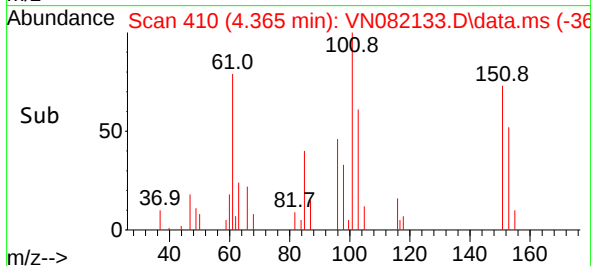
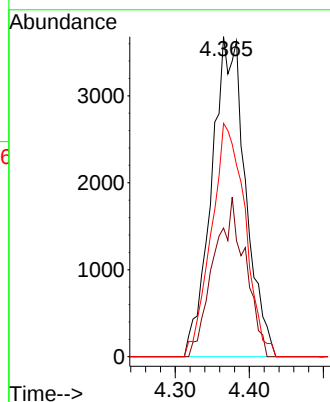
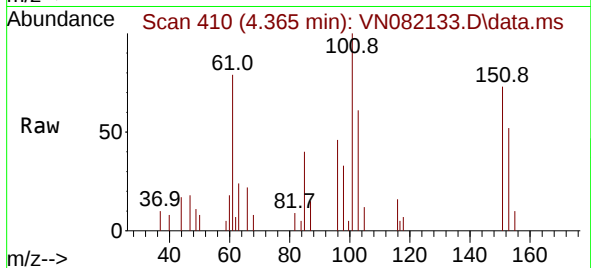
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.228 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1170
Ion Ratio Lower Upper
101 100
85 46.5 37.3 55.9
151 72.4 59.2 88.8

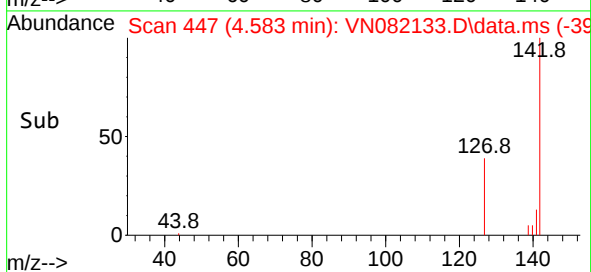
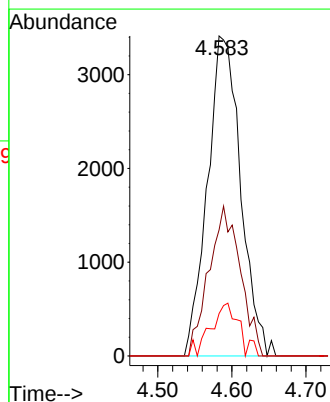
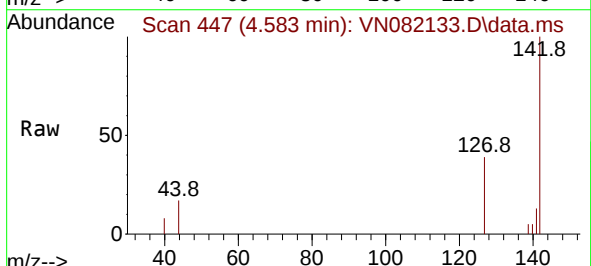
Manual Integrations
APPROVED

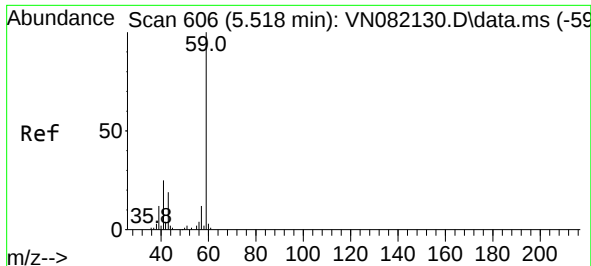
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#10
Methyl Iodide
Concen: 4.715 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

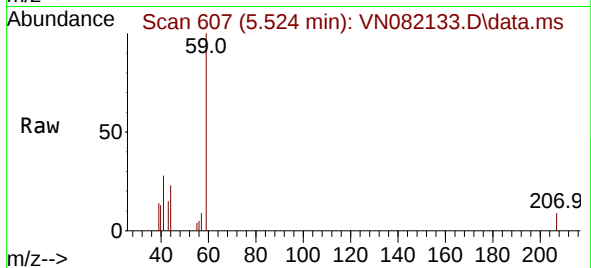
Tgt Ion:142 Resp: 10610
Ion Ratio Lower Upper
142 100
127 39.4 35.8 53.6
141 13.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 26.138 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

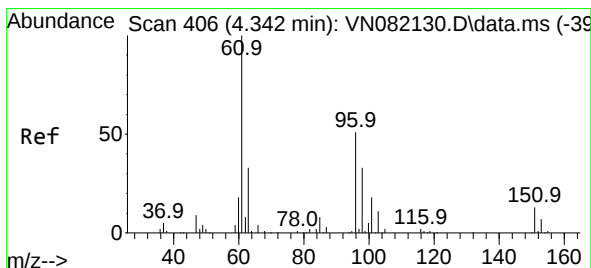
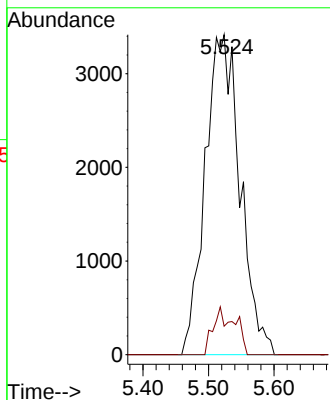
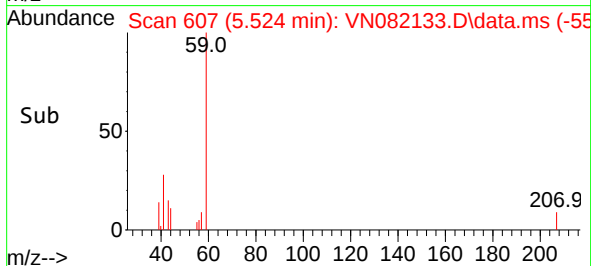
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



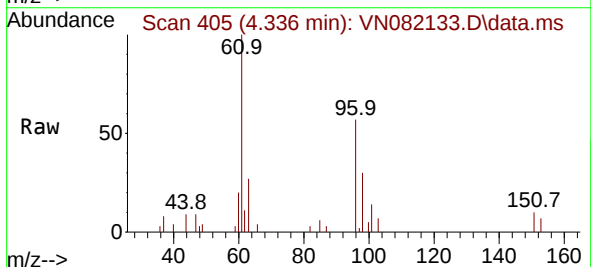
Tgt Ion: 59 Resp: 1262
Ion Ratio Lower Upper
59 100
57 5.7 8.9 13.3

Manual Integrations
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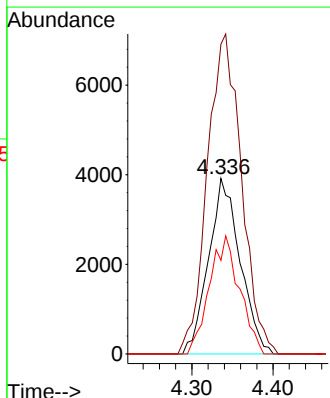
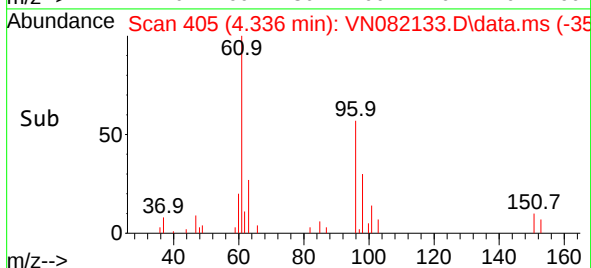
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

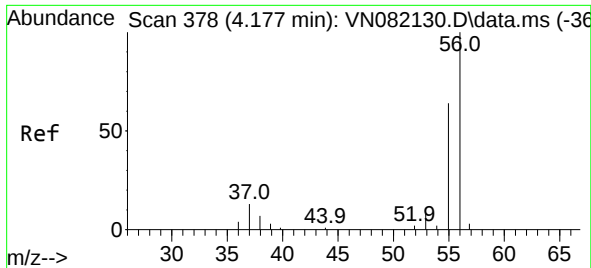


#12
1,1-Dichloroethene
Concen: 5.090 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01



Tgt Ion: 96 Resp: 10590
Ion Ratio Lower Upper
96 100
61 176.5 119.7 179.5
98 53.3 49.6 74.4





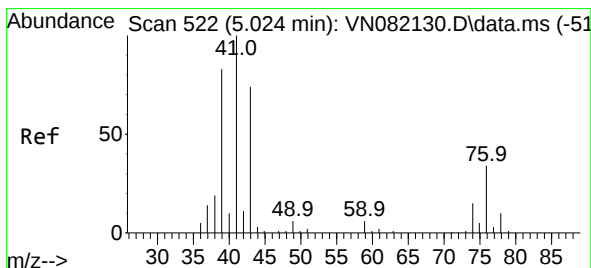
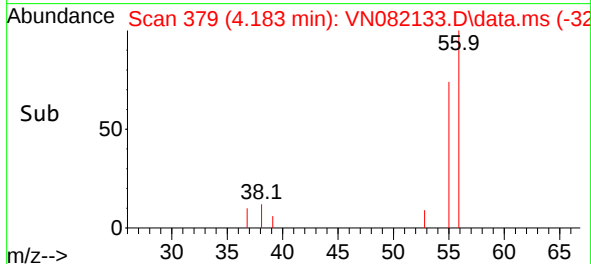
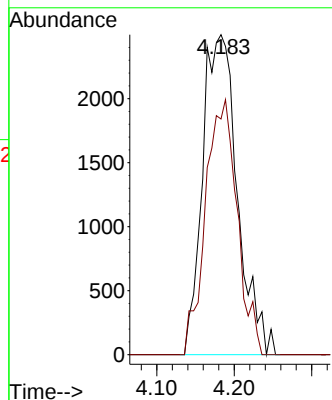
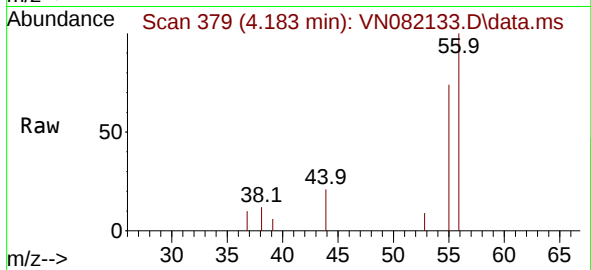
#13
Acrolein
Concen: 21.902 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 783
Ion Ratio Lower Upper
56 100
55 72.2 55.8 83.8

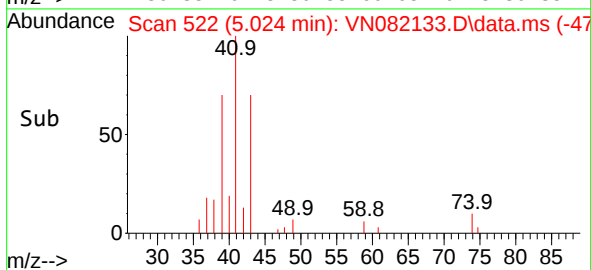
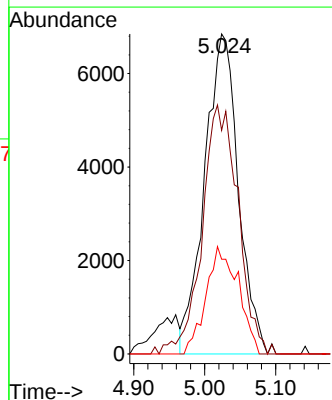
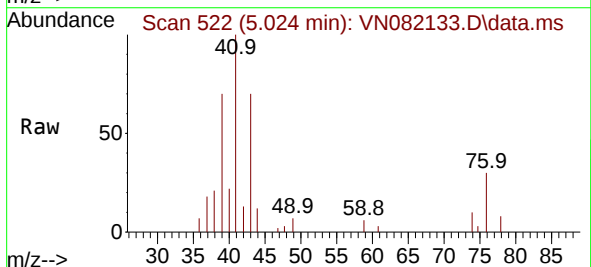
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#14
Allyl chloride
Concen: 5.089 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

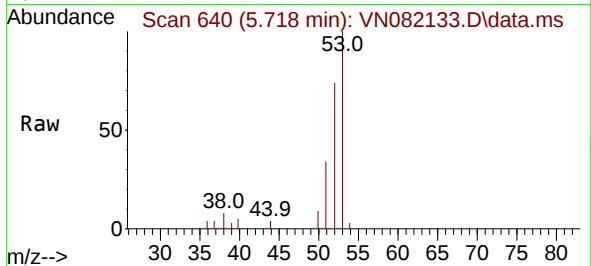
Tgt Ion: 41 Resp: 22669
Ion Ratio Lower Upper
41 100
39 82.9 65.4 98.0
76 31.9 37.3 55.9#





#15
Acrylonitrile
Concen: 26.484 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

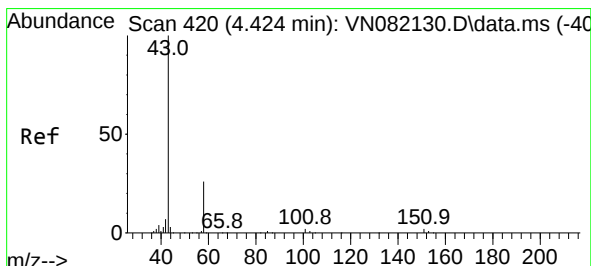
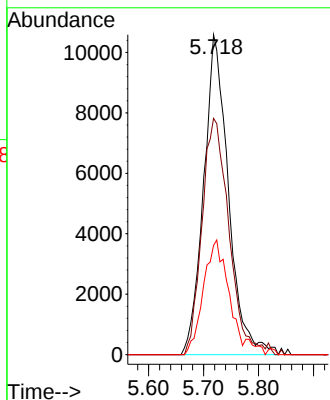
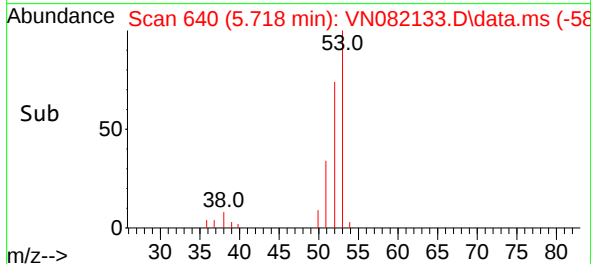
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 33119
Ion Ratio Lower Upper
53 100
52 80.8 66.1 99.1
51 38.2 29.4 44.2

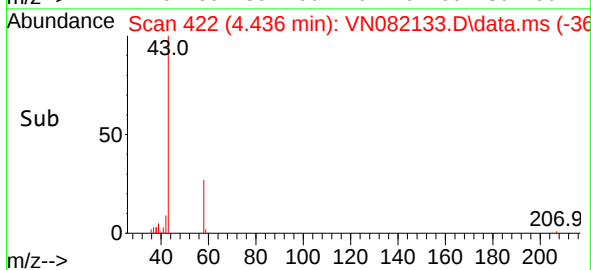
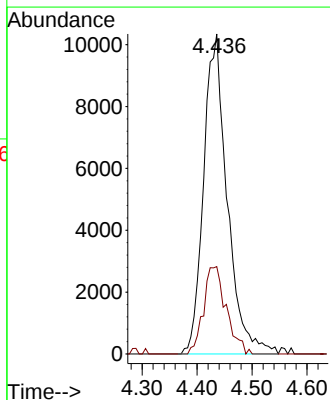
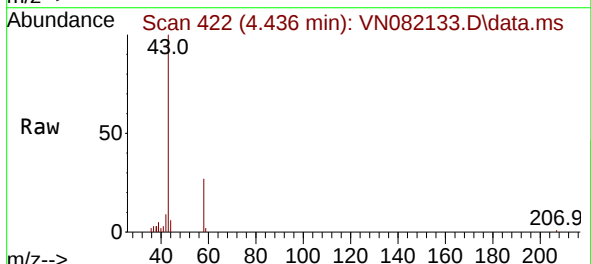
Manual Integrations
APPROVED

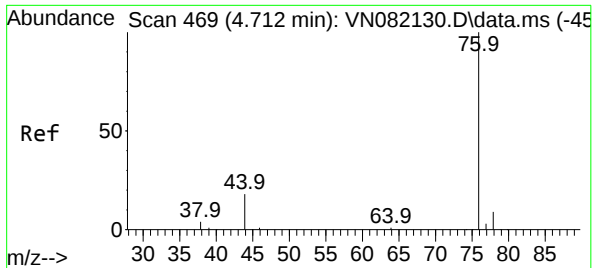
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#16
Acetone
Concen: 24.994 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

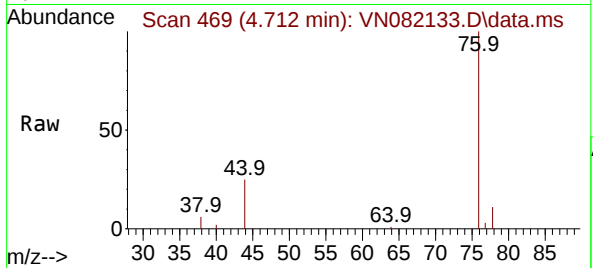
Tgt Ion: 43 Resp: 30842
Ion Ratio Lower Upper
43 100
58 27.3 25.2 37.8





#17
Carbon Disulfide
Concen: 5.035 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

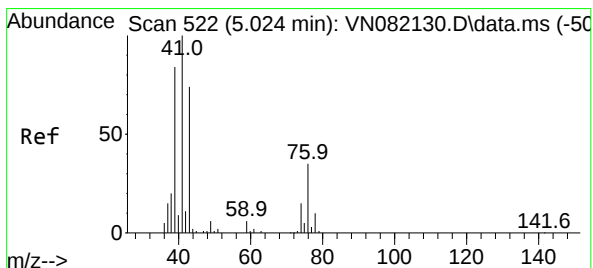
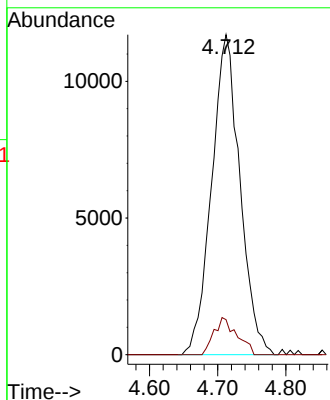
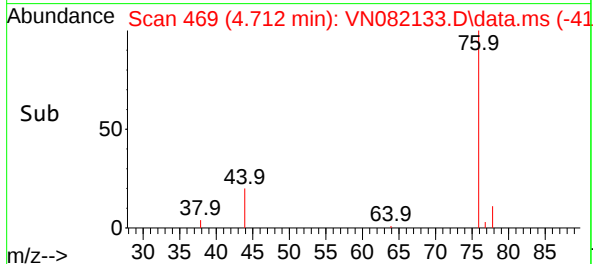
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 33834
Ion Ratio Lower Upper
76 100
78 11.0 7.5 11.3

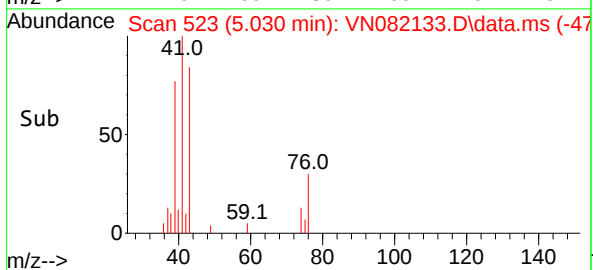
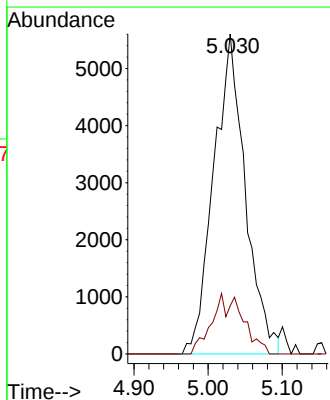
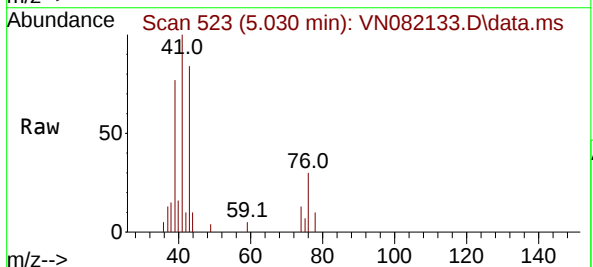
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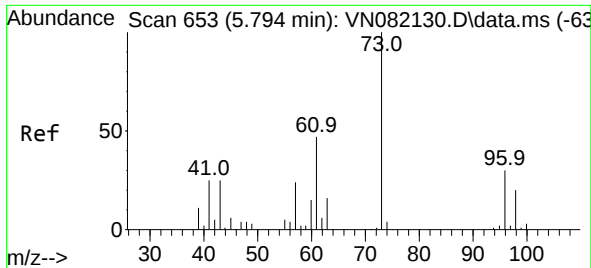
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#18
Methyl Acetate
Concen: 5.401 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion: 43 Resp: 16598
Ion Ratio Lower Upper
43 100
74 9.0 22.2 33.2#





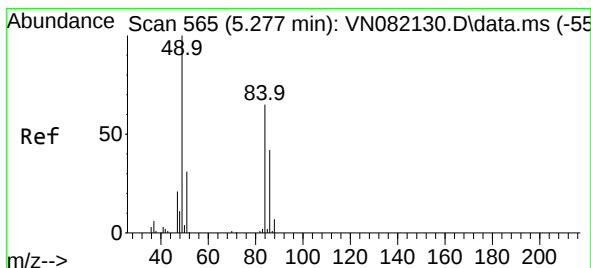
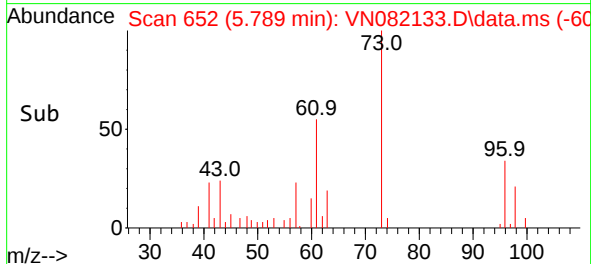
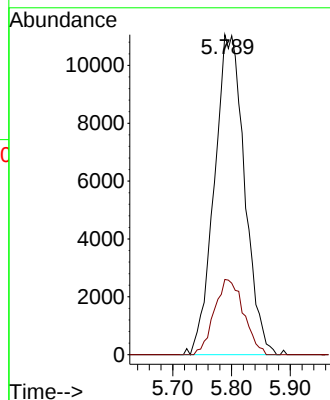
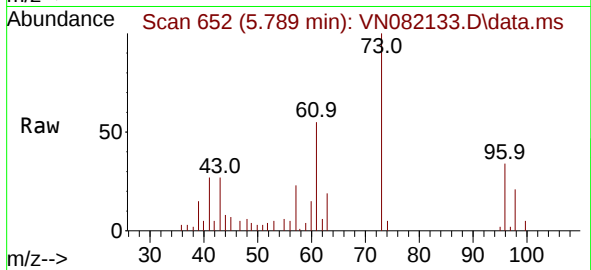
#19
Methyl tert-butyl Ether
Concen: 5.192 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 3948
Ion Ratio Lower Upper
73 100
57 23.5 16.5 24.7

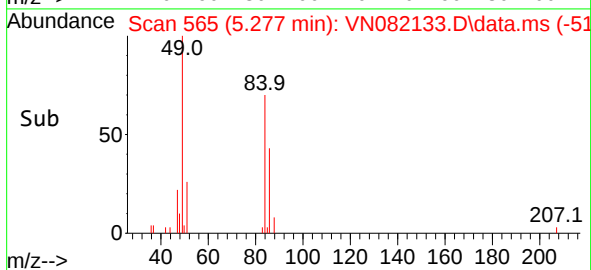
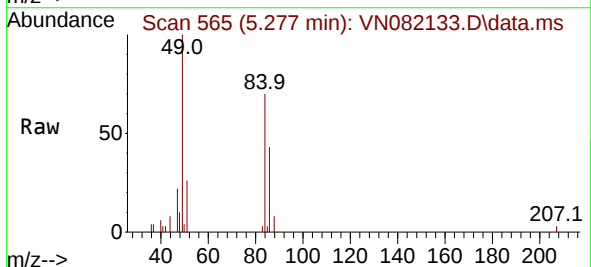
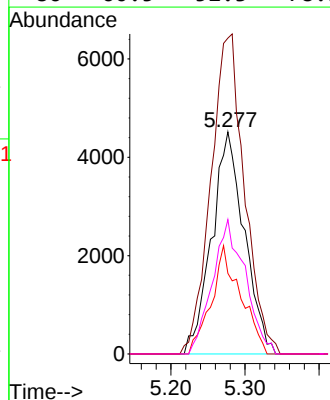
Manual Integrations
APPROVED

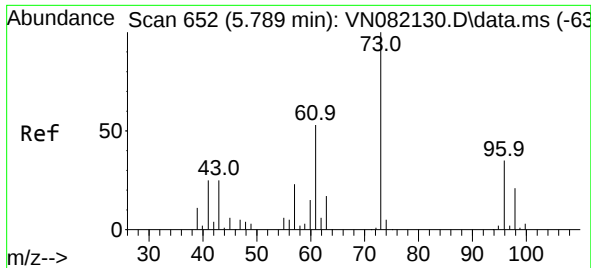
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#20
Methylene Chloride
Concen: 5.542 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion: 84 Resp: 13797
Ion Ratio Lower Upper
84 100
49 142.3 84.9 127.3#
51 36.4 27.0 40.6
86 60.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 5.135 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

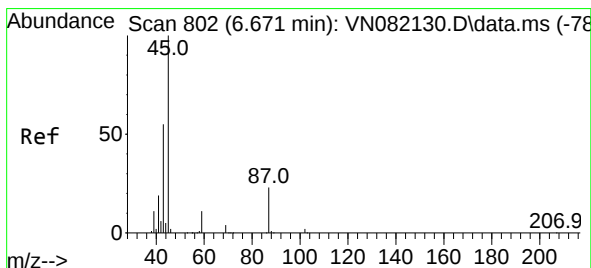
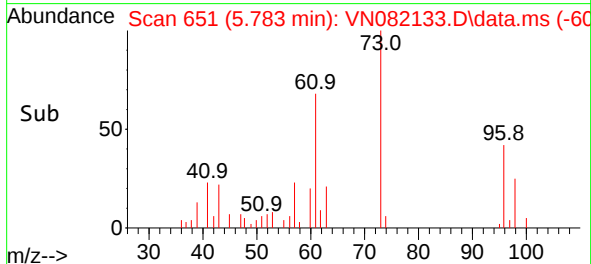
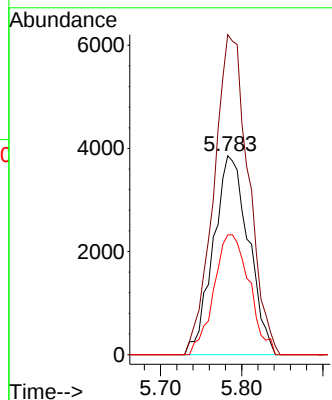
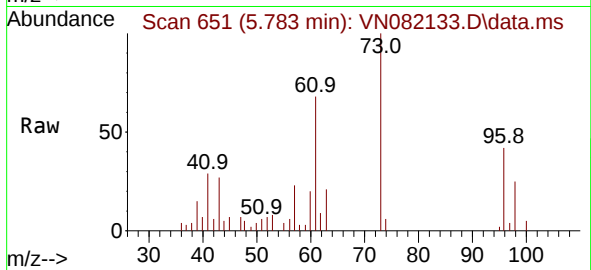
Tgt Ion: 96 Resp: 1164
Ion Ratio Lower Upper
96 100
61 160.9 96.5 144.7
98 60.1 51.3 76.9

Manual Integrations

APPROVED

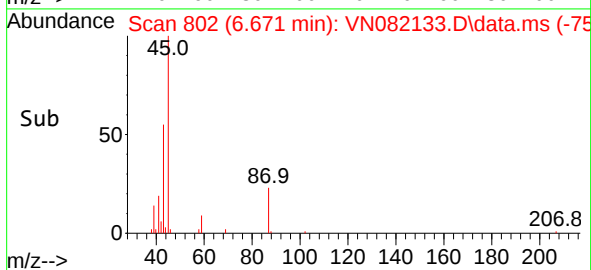
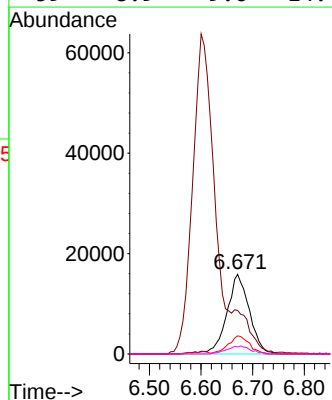
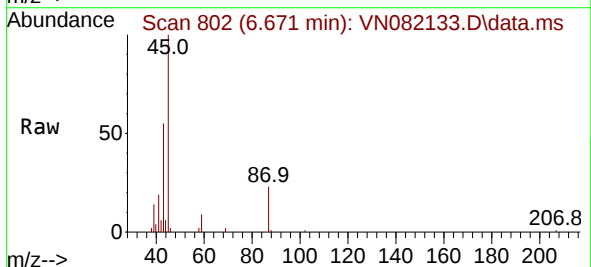
Reviewed By :John Carlone 05/16/2024

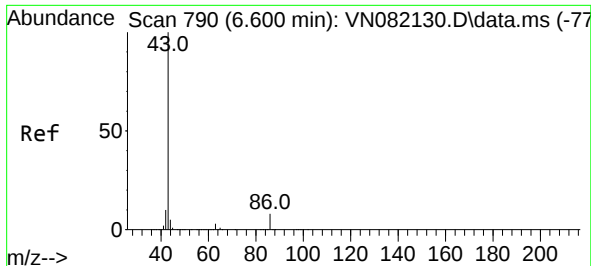
Supervised By :Mahesh Dadoda 05/16/2024



#22
Diisopropyl ether
Concen: 5.160 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

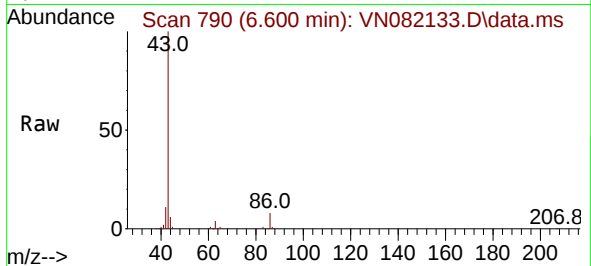
Tgt Ion: 45 Resp: 47995
Ion Ratio Lower Upper
45 100
43 52.4 44.1 66.1
87 22.7 27.0 40.6#
59 8.9 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 25.184 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082133.D
 Acq: 15 May 2024 15:01

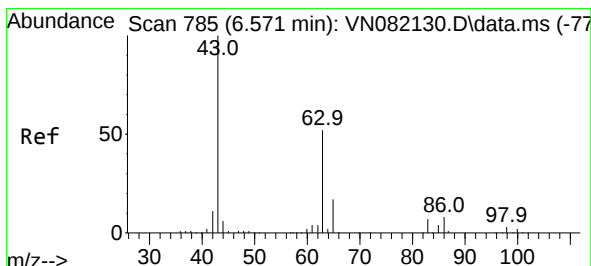
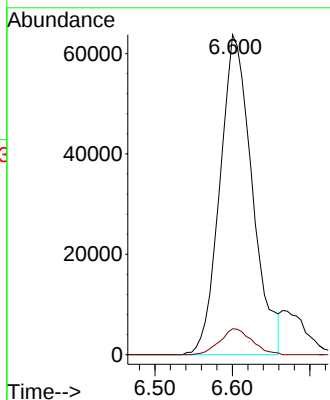
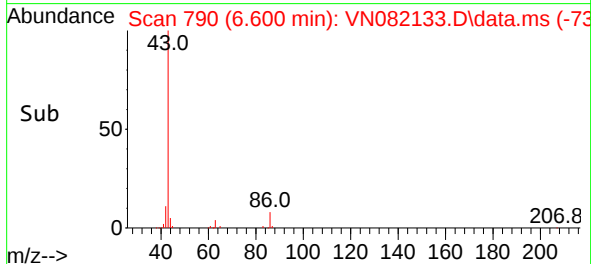
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 18468
 Ion Ratio Lower Upper
 43 100
 86 8.1 10.2 15.4

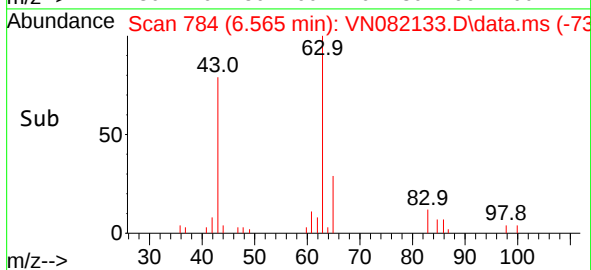
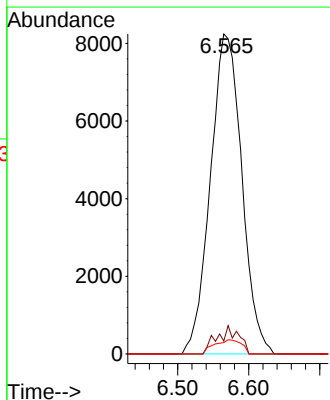
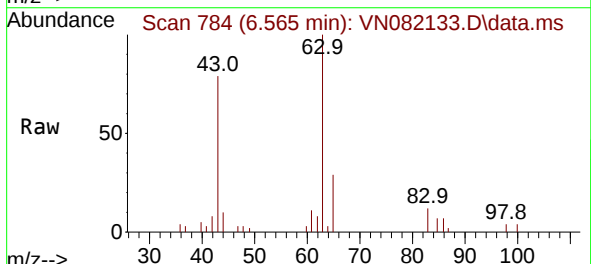
Manual Integrations
 APPROVED

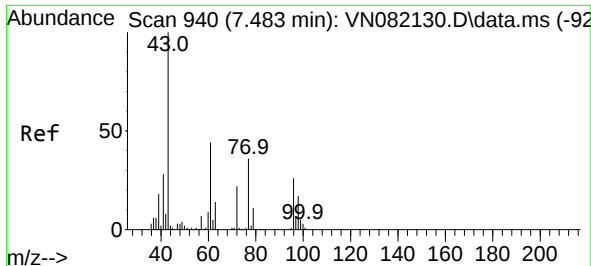
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#24
 1,1-Dichloroethane
 Concen: 5.280 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082133.D
 Acq: 15 May 2024 15:01

Tgt Ion: 63 Resp: 25311
 Ion Ratio Lower Upper
 63 100
 98 4.0 3.6 10.9
 100 3.6 2.6 7.8





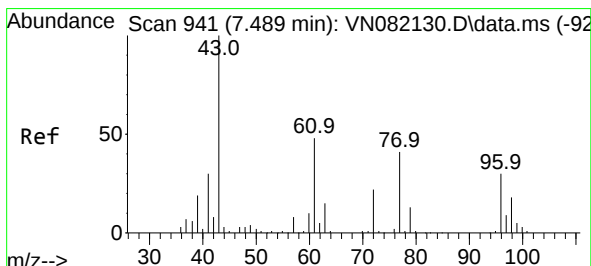
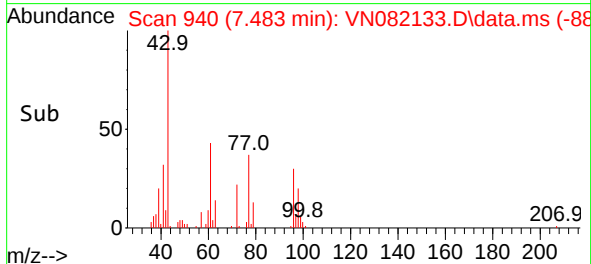
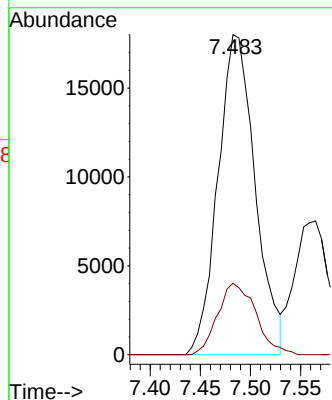
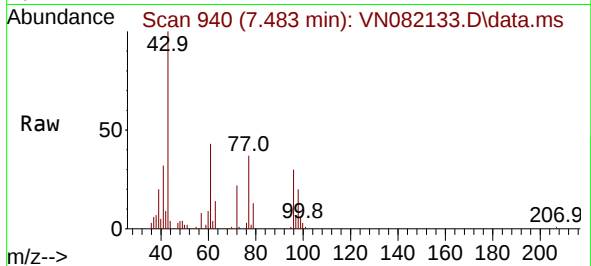
#25
2-Butanone
Concen: 24.893 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4657
Ion Ratio Lower Upper
43 100
72 22.3 25.3 37.9

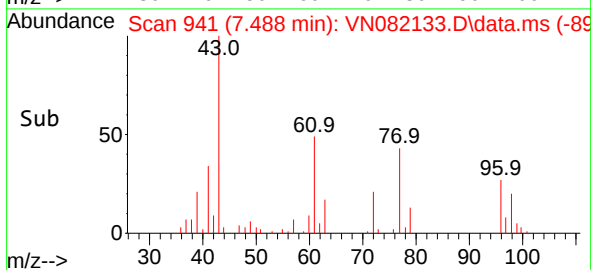
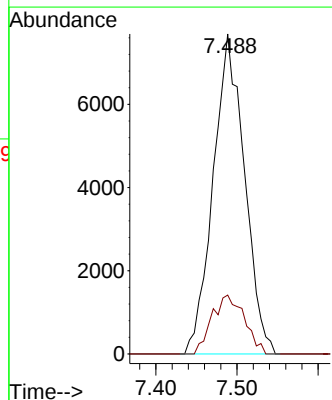
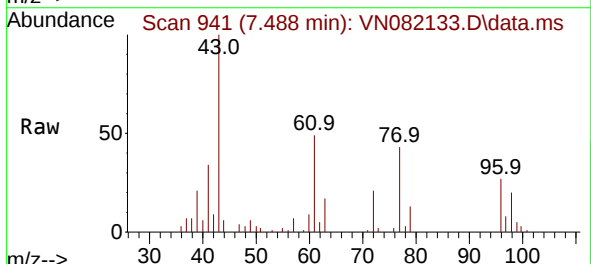
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#26
2,2-Dichloropropane
Concen: 5.131 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

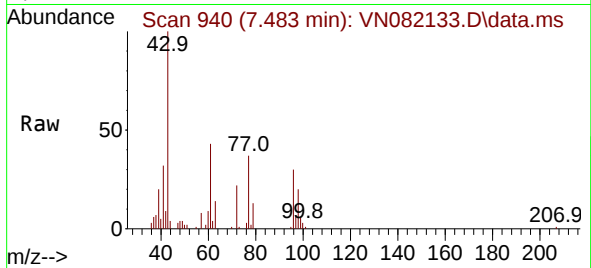
Tgt Ion: 77 Resp: 20602
Ion Ratio Lower Upper
77 100
97 19.1 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 5.362 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN082133.D
 Acq: 15 May 2024 15:01

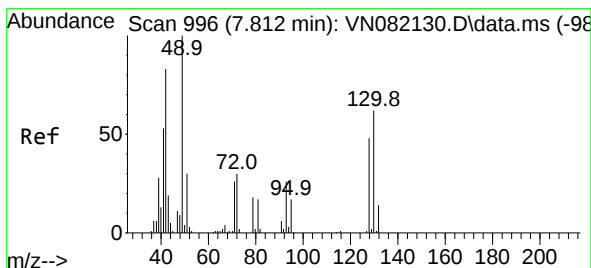
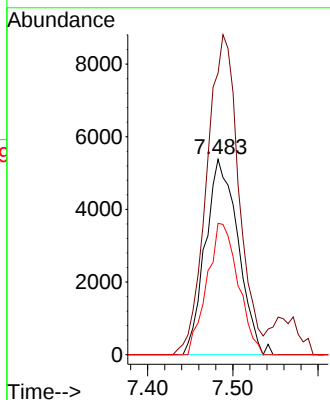
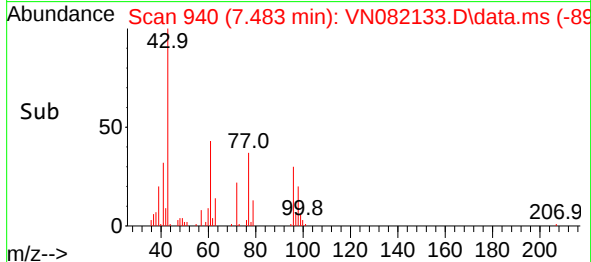
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 1434
 Ion Ratio Lower Upper
 96 100
 61 160.9 0.0 268.0
 98 64.1 0.0 126.8

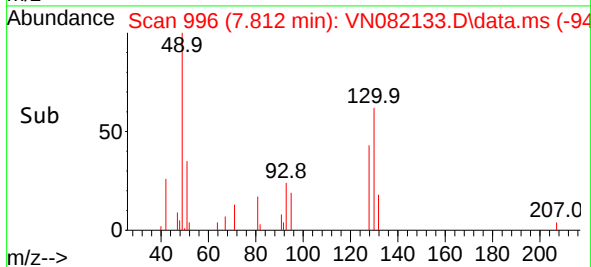
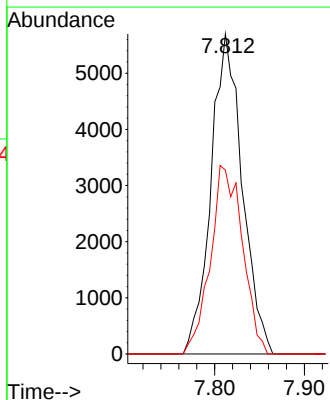
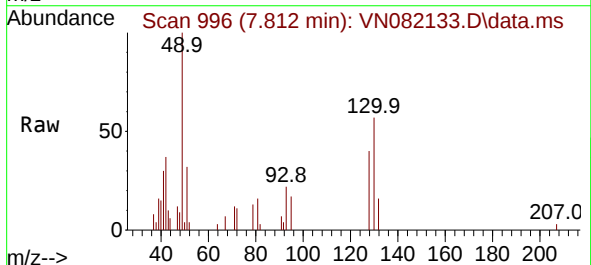
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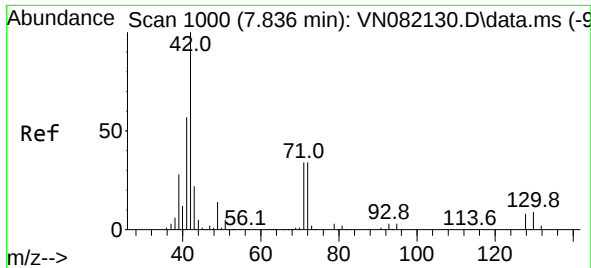
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#28
 Bromochloromethane
 Concen: 6.248 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082133.D
 Acq: 15 May 2024 15:01

Tgt Ion: 49 Resp: 13793
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 60.4 66.7 100.1#





#29

Tetrahydrofuran

Concen: 25.796 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

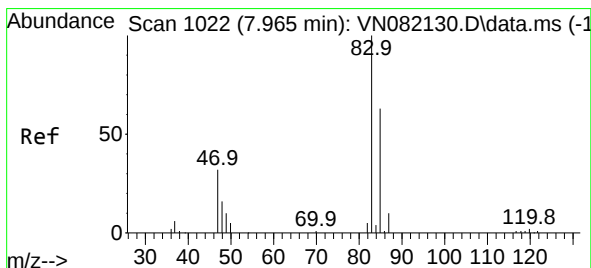
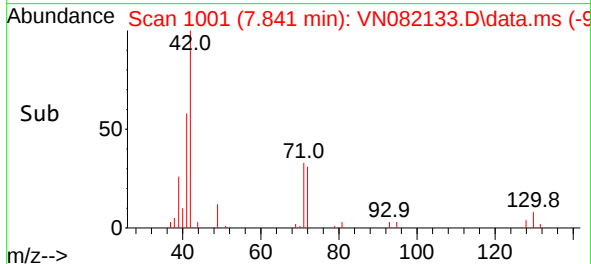
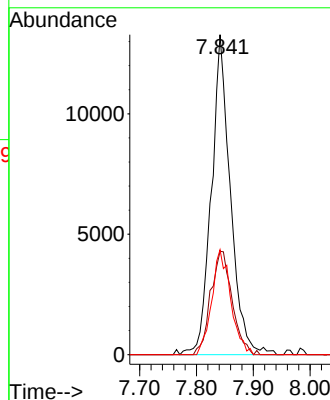
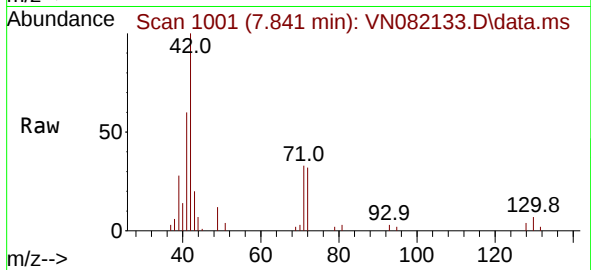
Tgt Ion: 42	Resp: 3098
Ion Ratio	Lower Upper
42	100
72	36.4 39.3 58.9
71	32.8 37.4 56.0

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Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#30

Chloroform

Concen: 5.374 ug/l

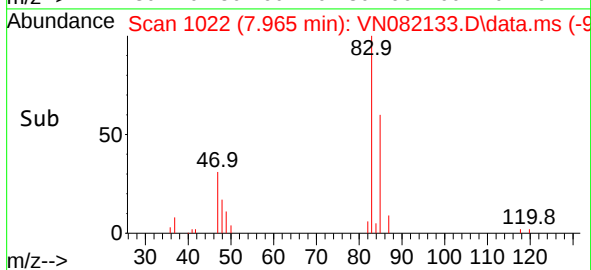
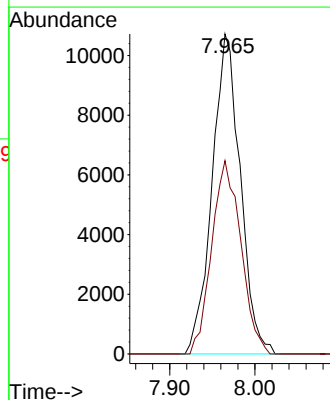
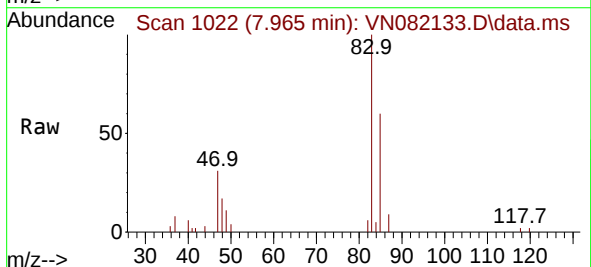
RT: 7.965 min Scan# 1022

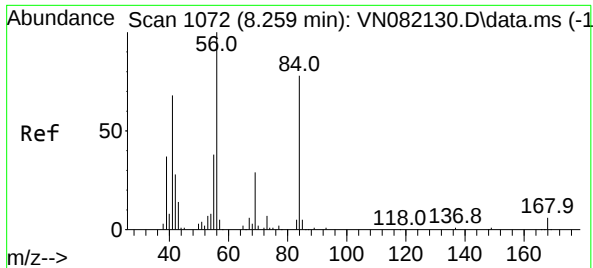
Delta R.T. -0.000 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

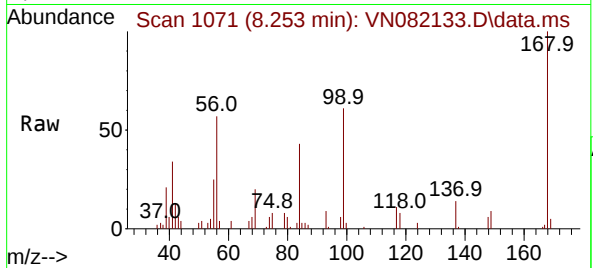
Tgt Ion: 83	Resp: 24601
Ion Ratio	Lower Upper
83	100
85	60.4 50.7 76.1





#31
Cyclohexane
Concen: 5.912 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

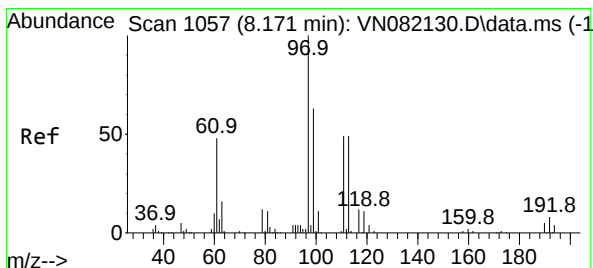
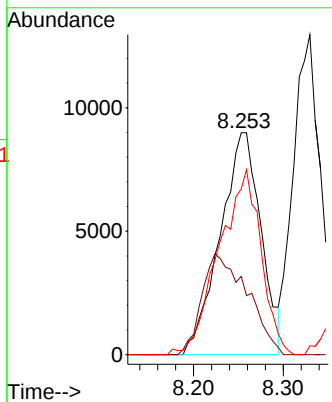
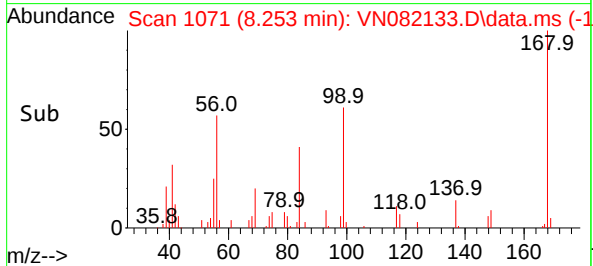
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 2840
Ion Ratio Lower Upper
56 100
69 35.3 24.4 36.6
84 72.9 77.0 115.4

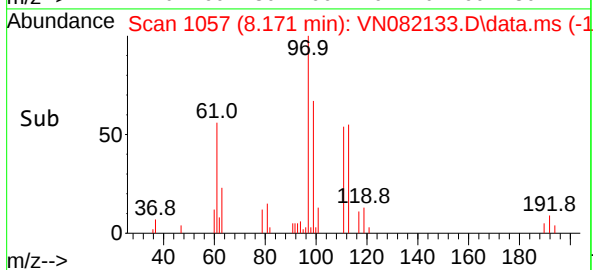
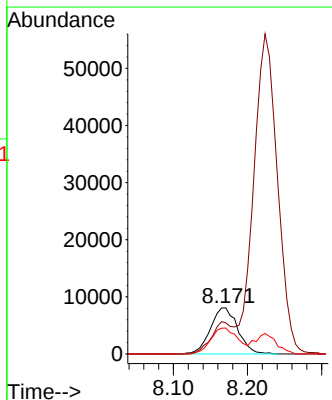
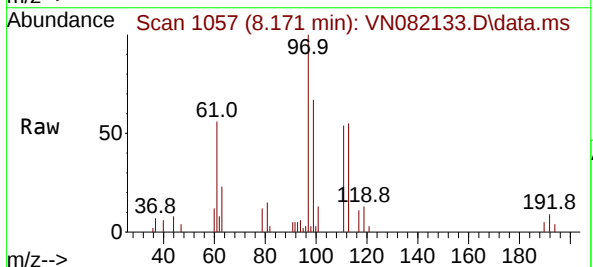
Manual Integrations
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Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#32
1,1,1-Trichloroethane
Concen: 5.091 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion: 97 Resp: 20679
Ion Ratio Lower Upper
97 100
99 56.9 50.3 75.5
61 56.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 5.779 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 17384

Ion Ratio Lower Upper

65 100

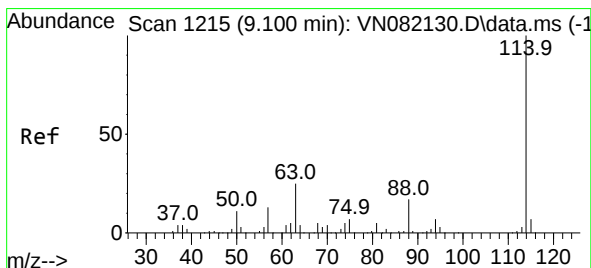
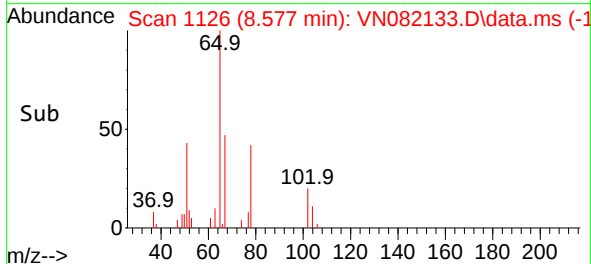
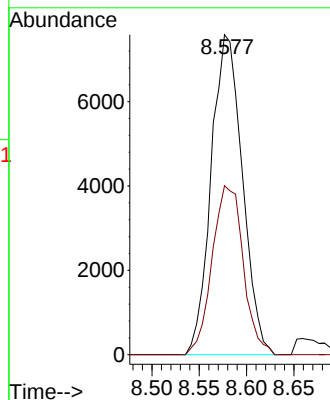
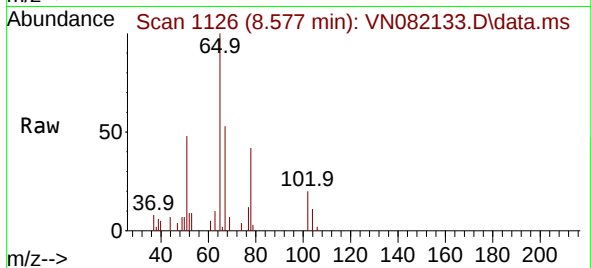
67 52.6 0.0 103.0

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Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

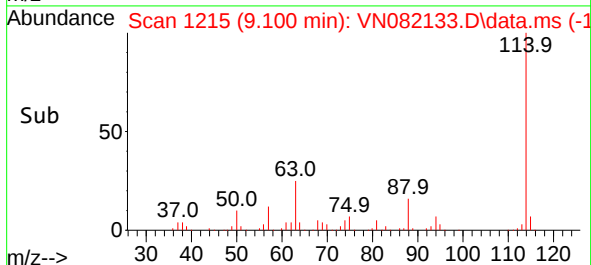
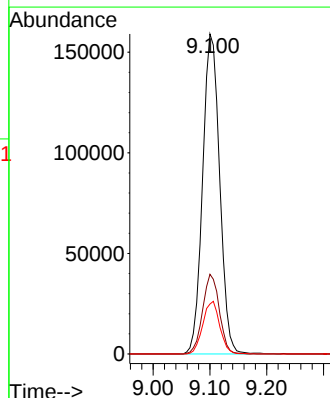
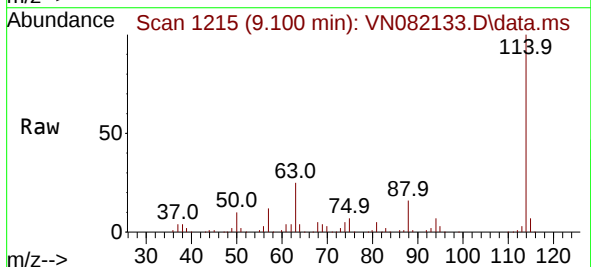
Tgt Ion:114 Resp: 331481

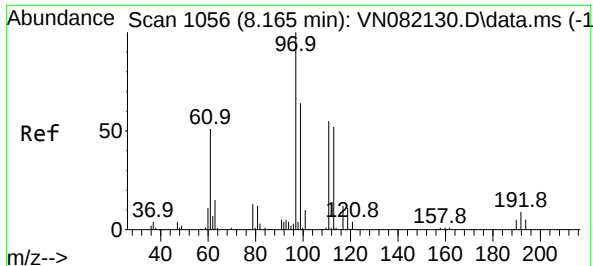
Ion Ratio Lower Upper

114 100

63 24.9 0.0 41.0

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 5.371 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

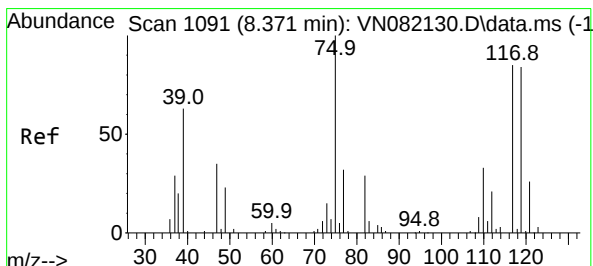
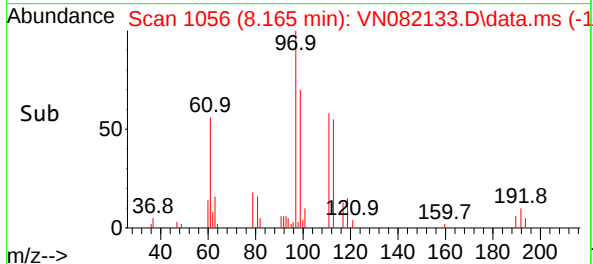
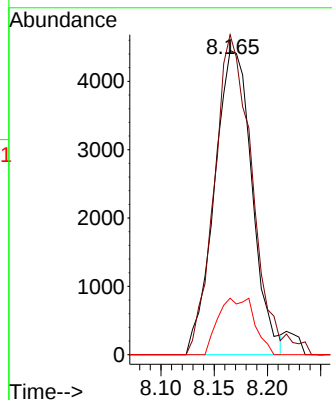
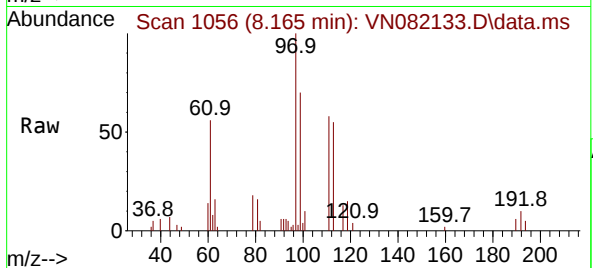
Tgt Ion:	113	Resp:	1095
Ion	Ratio	Lower	Upper
113	100		
111	105.5	83.4	125.2
192	17.9	14.0	21.0

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Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#36

1,1-Dichloropropene

Concen: 4.974 ug/l

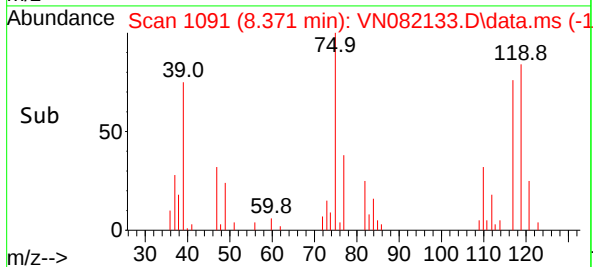
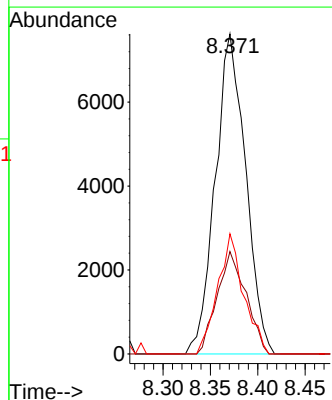
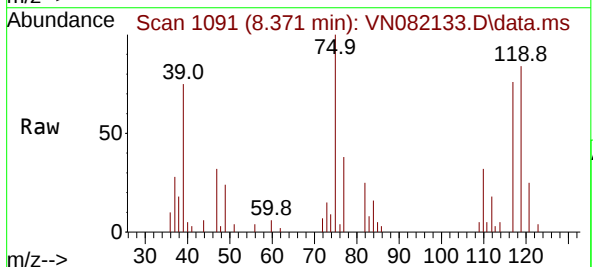
RT: 8.371 min Scan# 1091

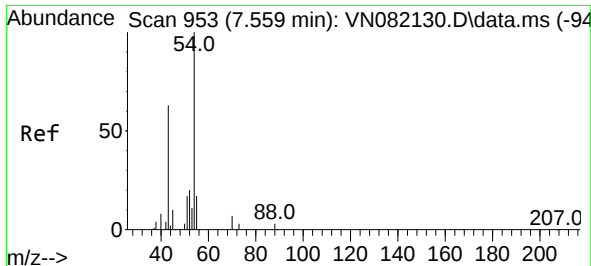
Delta R.T. -0.000 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

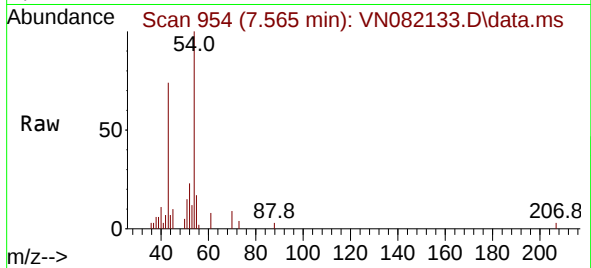
Tgt Ion:	75	Resp:	17011
Ion	Ratio	Lower	Upper
75	100		
110	30.4	17.8	53.5
77	32.2	25.0	37.4





#37
Ethyl Acetate
Concen: 5.174 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

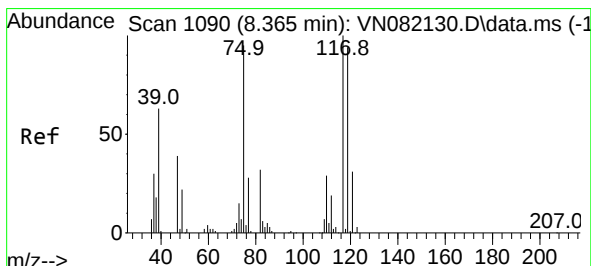
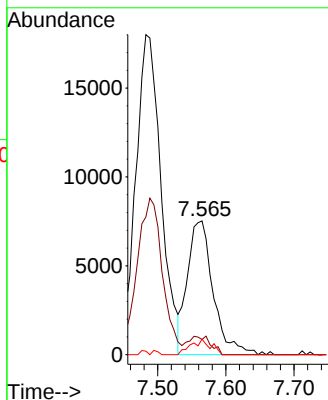
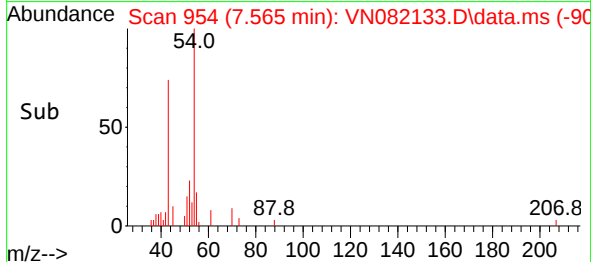
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1980
Ion Ratio Lower Upper
43 100
61 12.0 11.3 16.9
70 8.9 8.7 13.1

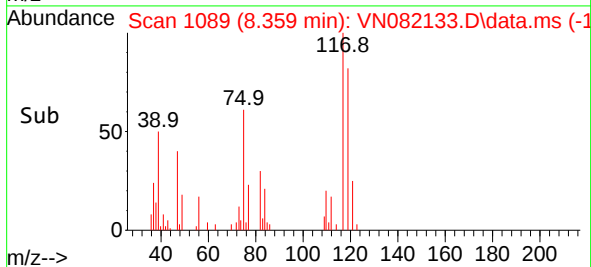
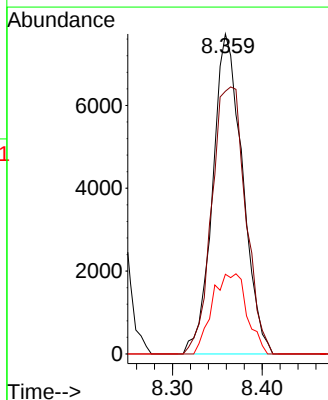
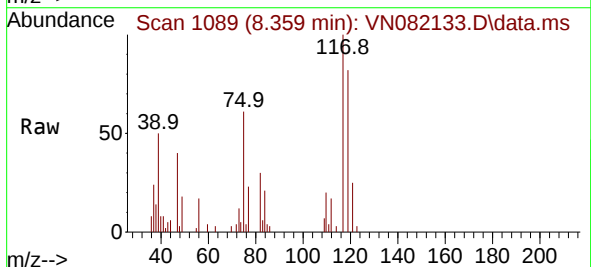
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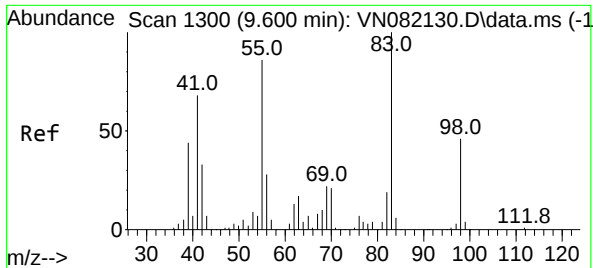
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#38
Carbon Tetrachloride
Concen: 5.136 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion:117 Resp: 17804
Ion Ratio Lower Upper
117 100
119 82.1 76.5 114.7
121 24.9 23.9 35.9





#39
Methylcyclohexane
Concen: 5.177 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

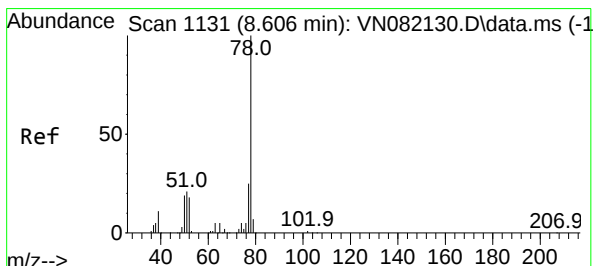
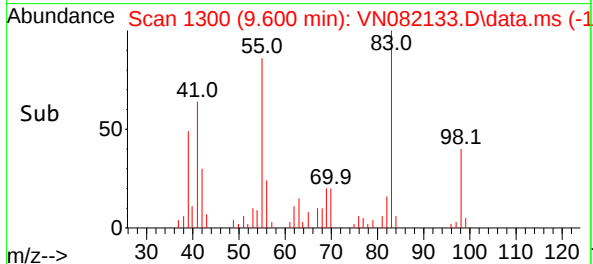
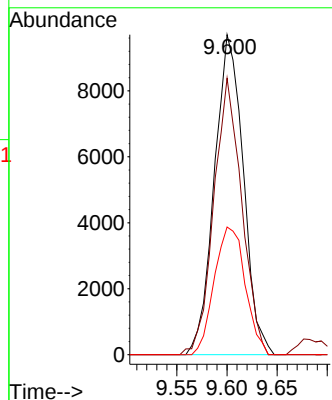
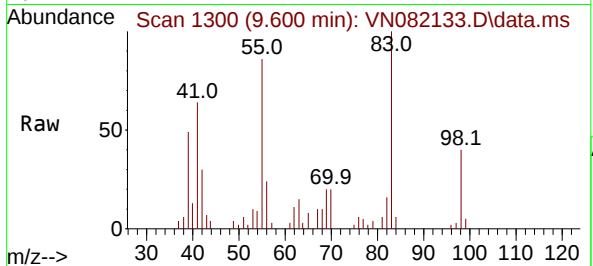
Tgt Ion: 83 Resp: 19400
Ion Ratio Lower Upper
83 100
55 86.4 53.0 79.6
98 39.9 37.1 55.7

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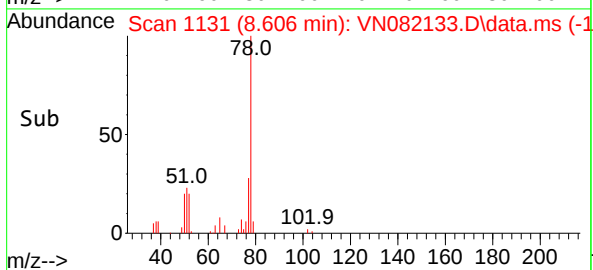
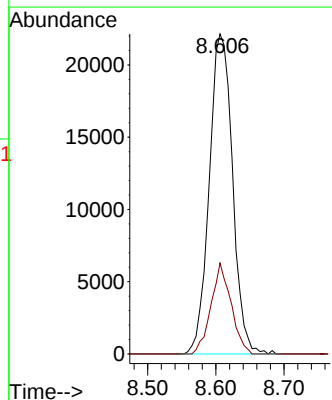
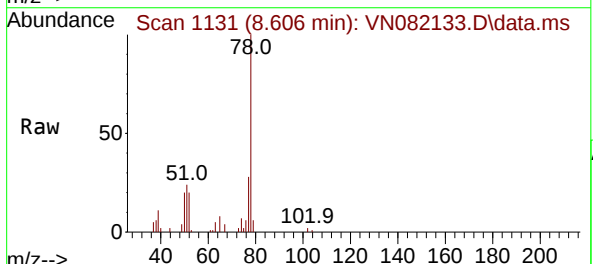
Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#40
Benzene
Concen: 5.161 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

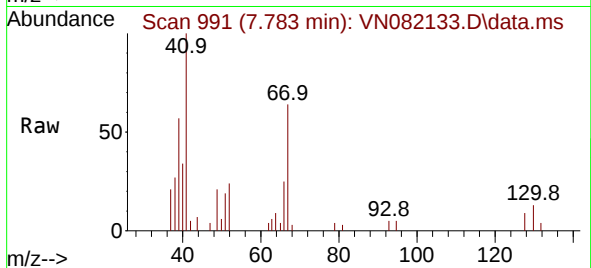
Tgt Ion: 78 Resp: 52634
Ion Ratio Lower Upper
78 100
77 28.4 20.0 30.0





#41
Methacrylonitrile
Concen: 5.057 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

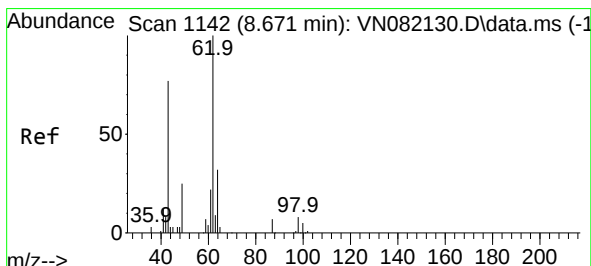
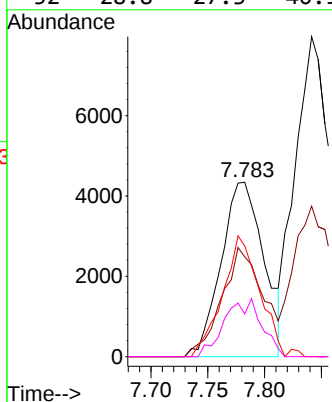
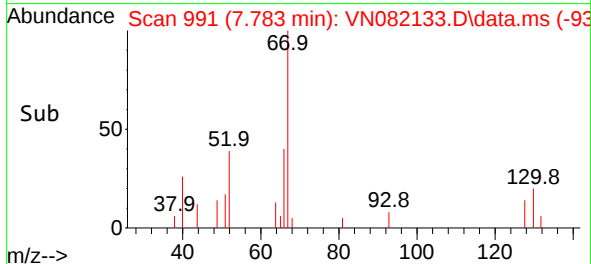
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 1138
Ion Ratio Lower Upper
41 100
39 60.0 46.6 69.8
67 60.3 67.3 100.9
52 28.8 27.3 40.9

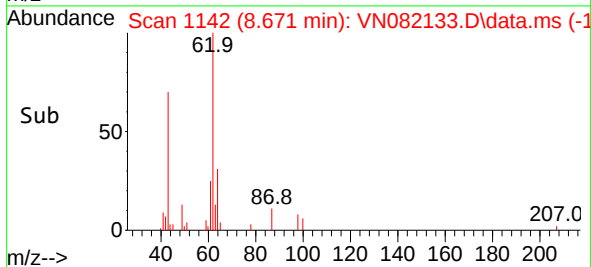
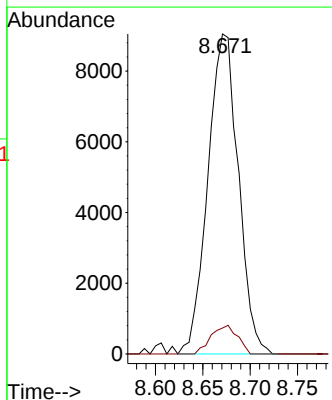
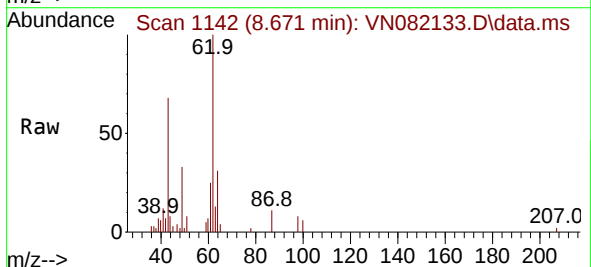
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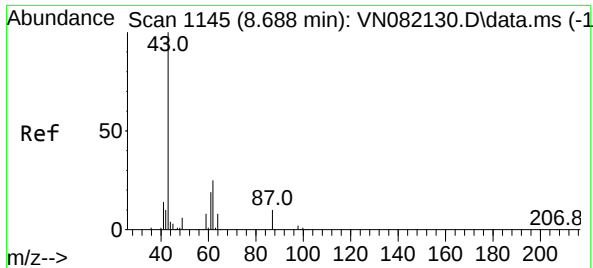
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#42
1,2-Dichloroethane
Concen: 5.169 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

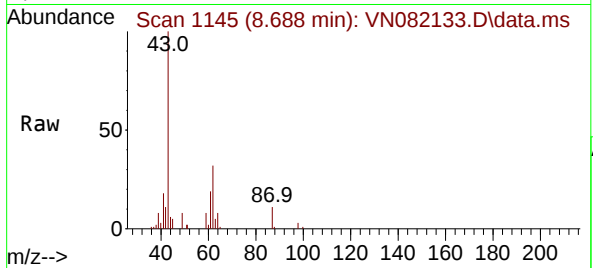
Tgt Ion: 62 Resp: 20275
Ion Ratio Lower Upper
62 100
98 7.7 0.0 19.6





#43
Isopropyl Acetate
Concen: 5.131 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

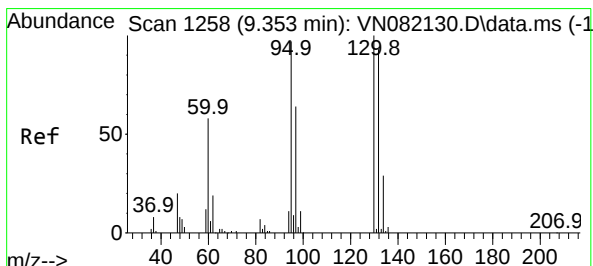
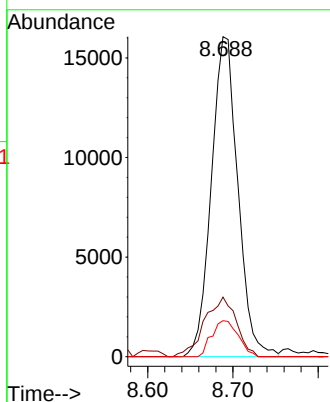
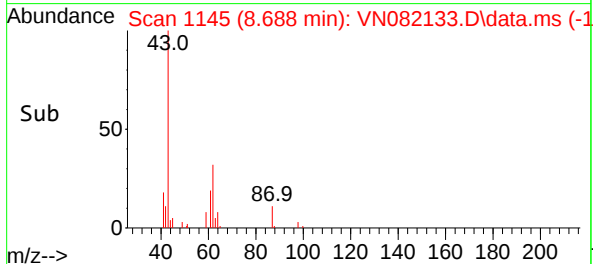
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



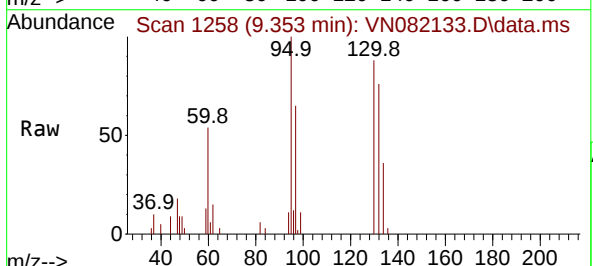
Tgt Ion: 43 Resp: 34800
Ion Ratio Lower Upper
43 100
61 22.2 22.8 34.2
87 11.2 12.0 18.0

Manual Integrations
APPROVED

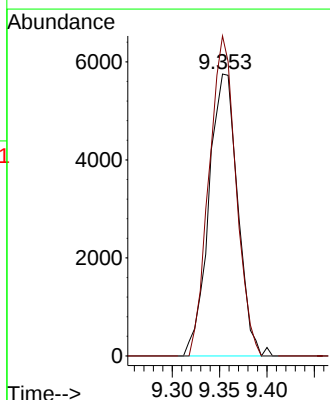
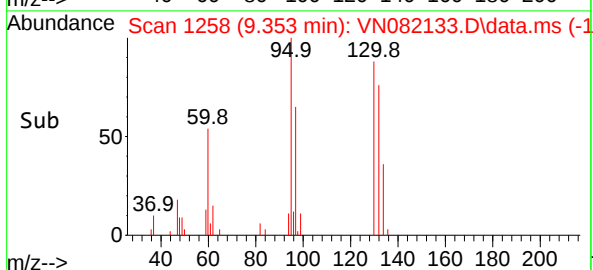
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

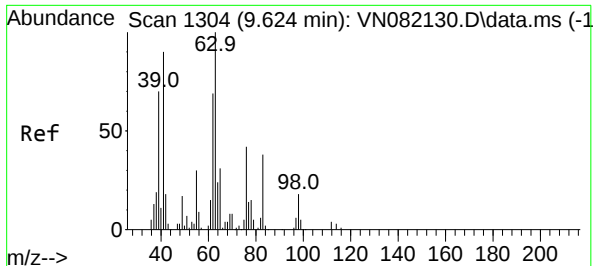


#44
Trichloroethene
Concen: 5.255 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01



Tgt Ion:130 Resp: 12173
Ion Ratio Lower Upper
130 100
95 113.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 4.948 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 13020

Ion Ratio Lower Upper

63 100

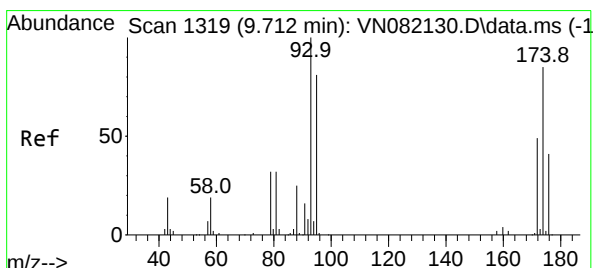
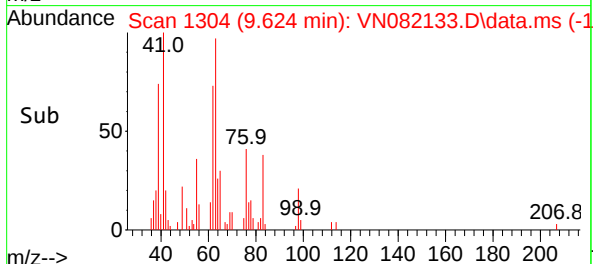
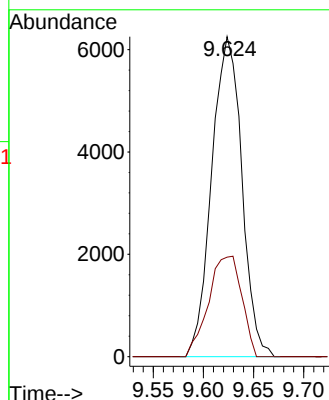
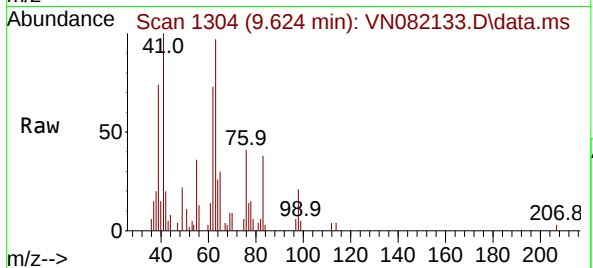
65 31.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#46

Dibromomethane

Concen: 5.082 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

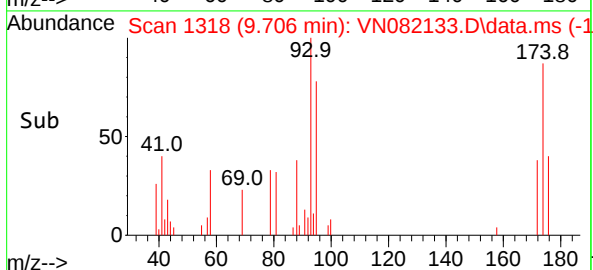
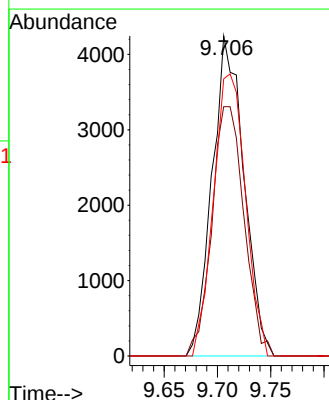
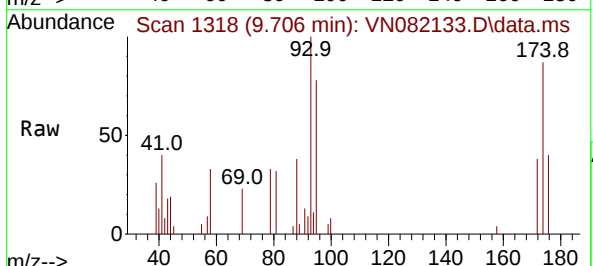
Tgt Ion: 93 Resp: 8780

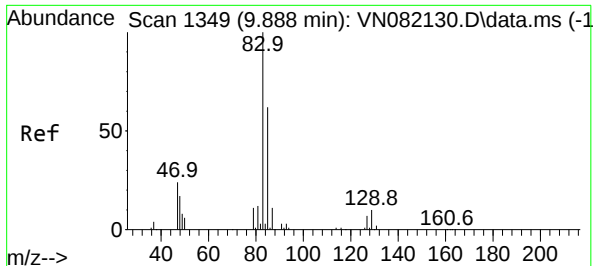
Ion Ratio Lower Upper

93 100

95 79.1 64.8 97.2

174 88.8 73.4 110.0





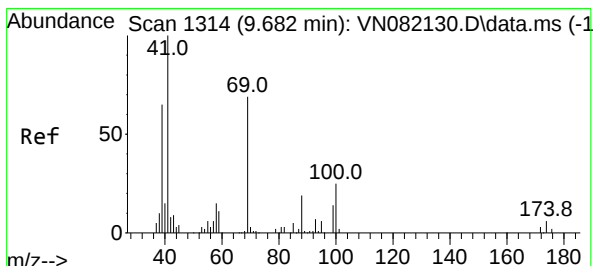
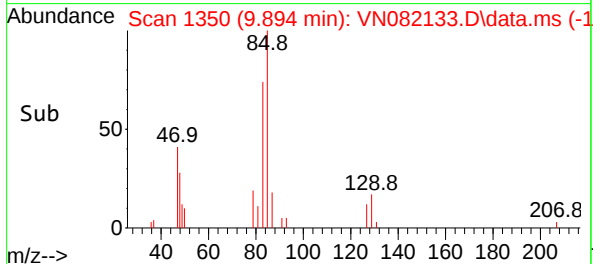
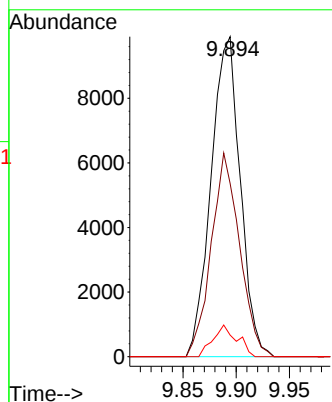
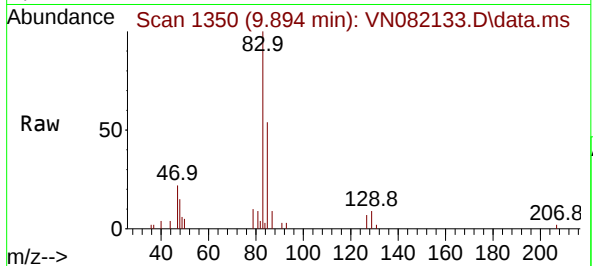
#47
Bromodichloromethane
Concen: 5.175 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 18872
Ion Ratio Lower Upper
83 100
85 54.1 51.9 77.9
127 6.7 7.5 11.3

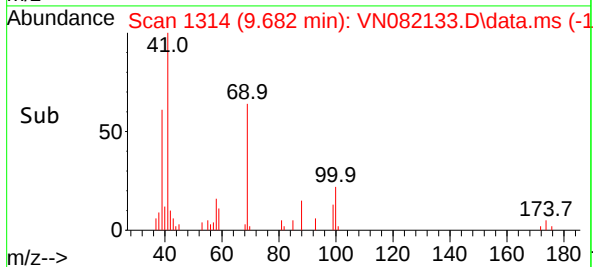
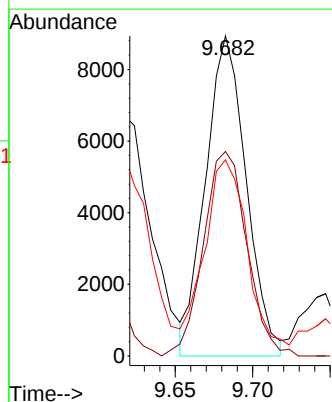
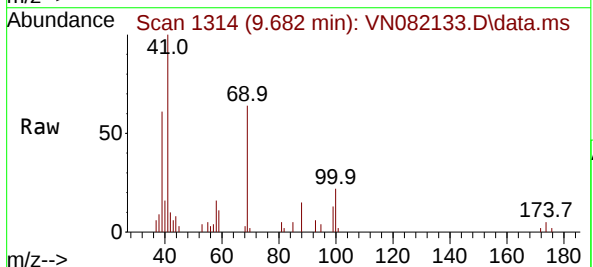
Manual Integrations
APPROVED

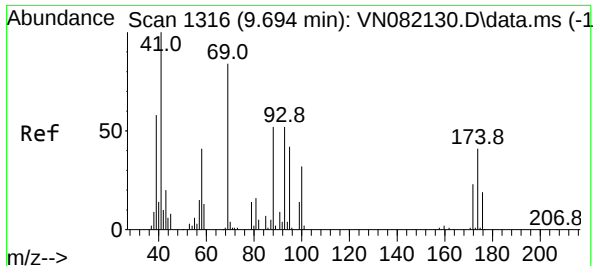
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#48
Methyl methacrylate
Concen: 5.045 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion: 41 Resp: 16304
Ion Ratio Lower Upper
41 100
69 68.3 77.9 116.9#
39 65.9 50.9 76.3





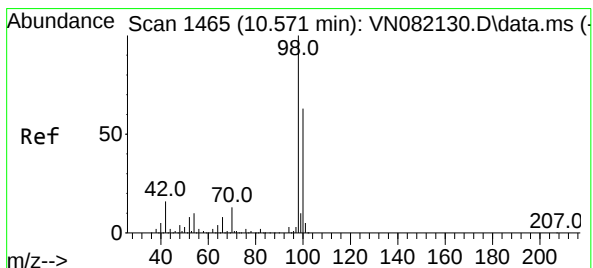
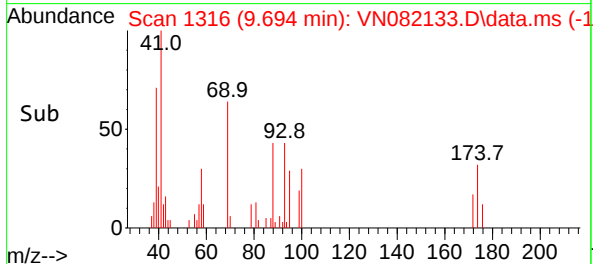
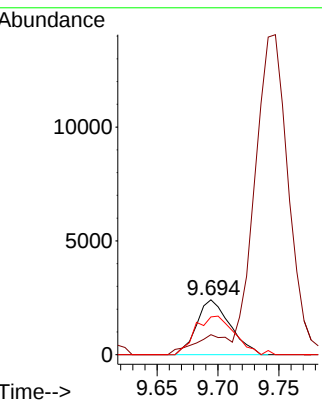
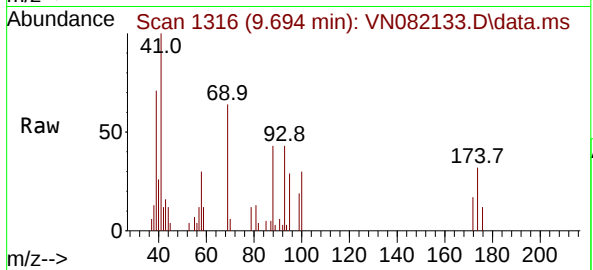
#49
1,4-Dioxane
Concen: 101.386 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 459
Ion Ratio Lower Upper
88 100
43 28.8 19.0 28.6
58 83.0 50.6 76.0

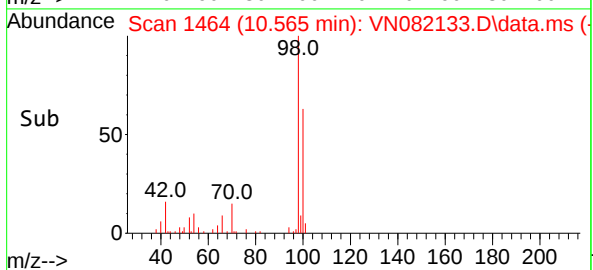
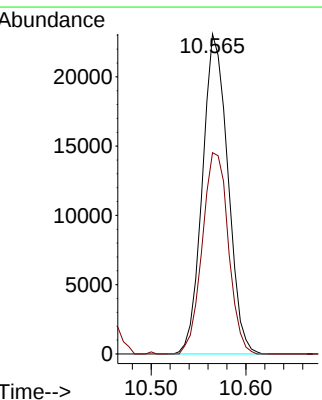
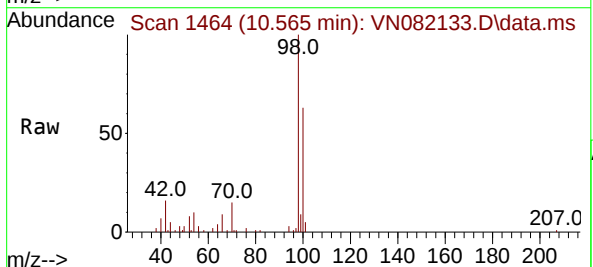
Manual Integrations
APPROVED

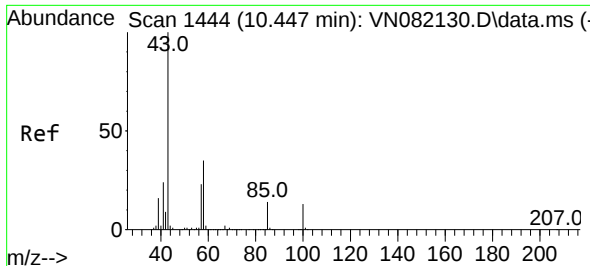
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#50
Toluene-d8
Concen: 5.508 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

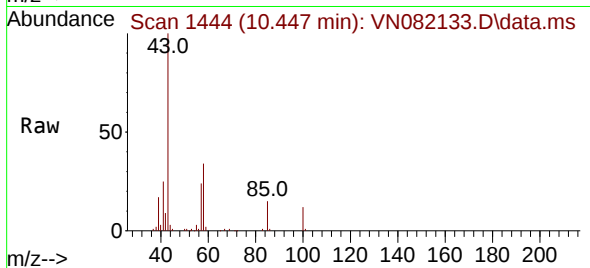
Tgt Ion: 98 Resp: 43064
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 25.035 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

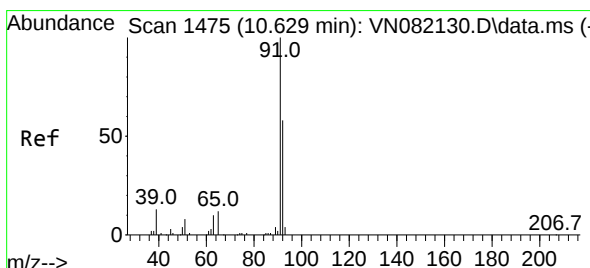
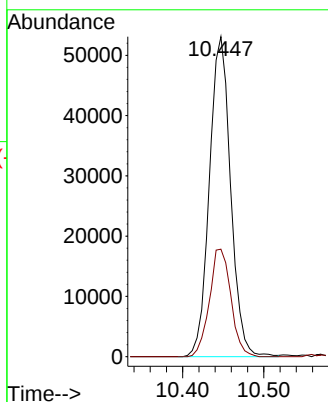
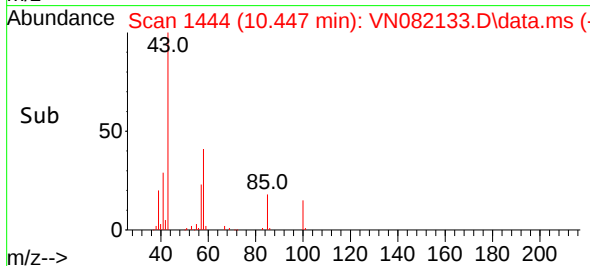
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



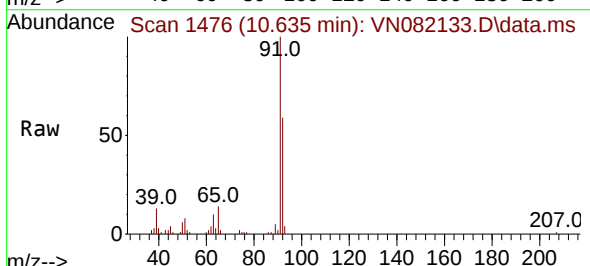
Tgt Ion: 43 Resp: 96464
Ion Ratio Lower Upper
43 100
58 34.0 33.2 49.8

Manual Integrations
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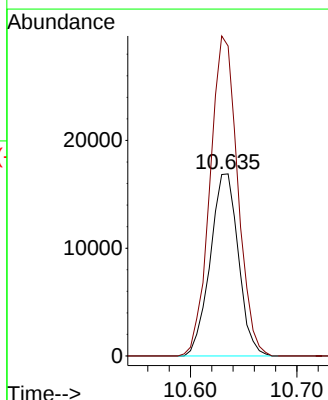
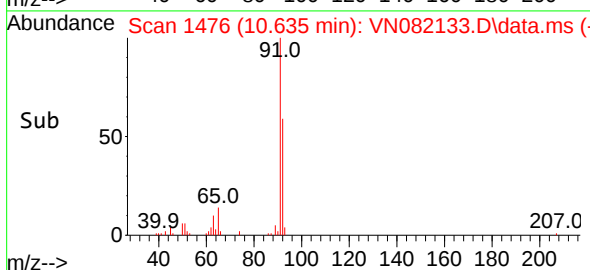
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

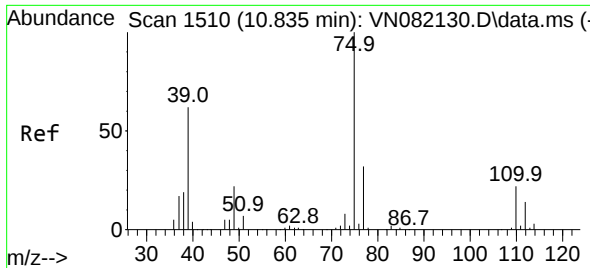


#52
Toluene
Concen: 5.058 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01



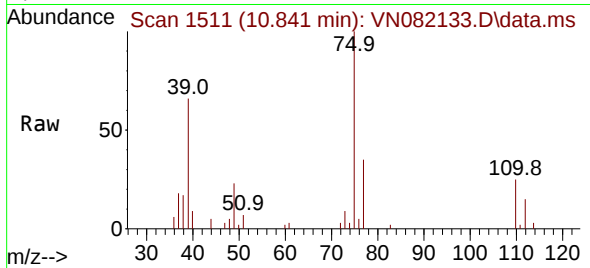
Tgt Ion: 92 Resp: 30958
Ion Ratio Lower Upper
92 100
91 173.3 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 4.901 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

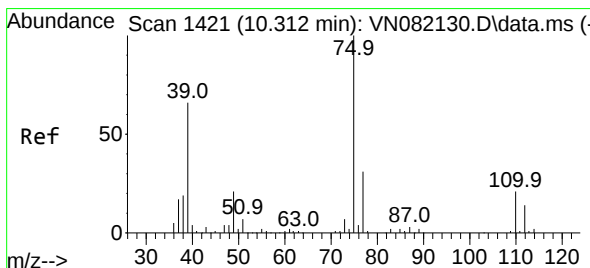
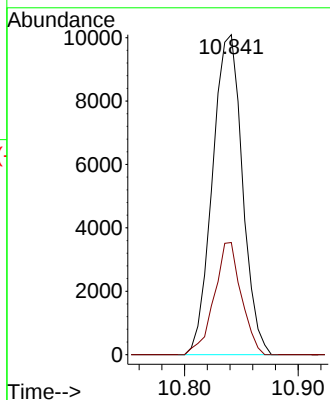
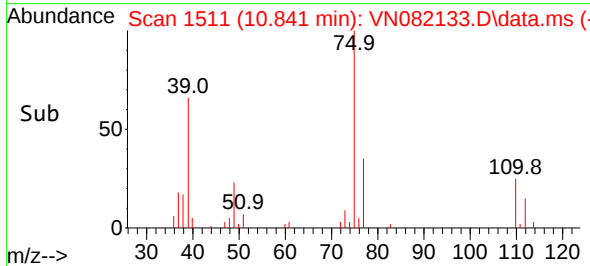
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1848
Ion Ratio Lower Upper
75 100
77 35.0 25.4 38.0

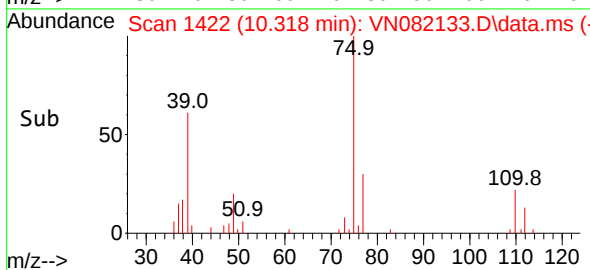
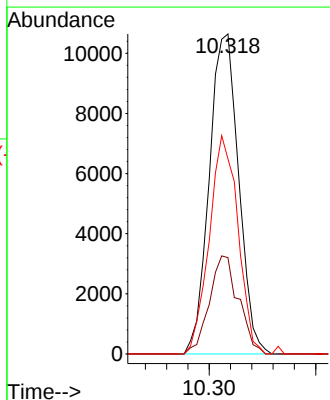
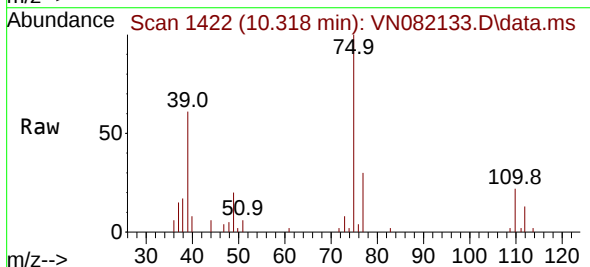
Manual Integrations
APPROVED

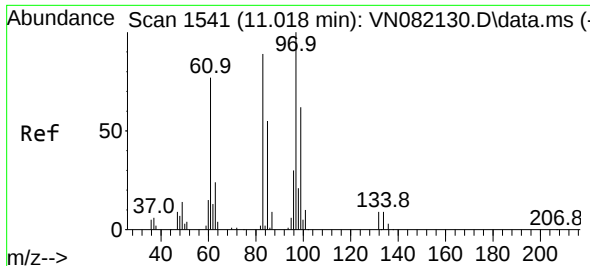
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#54
cis-1,3-Dichloropropene
Concen: 5.113 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

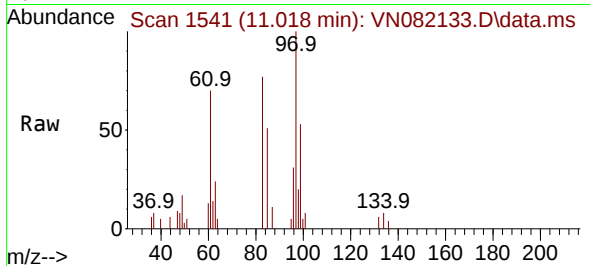
Tgt Ion: 75 Resp: 20414
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4
39 60.9 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 5.469 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

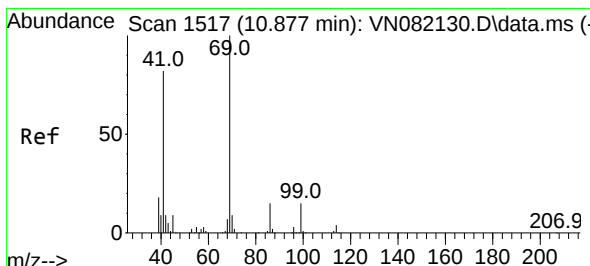
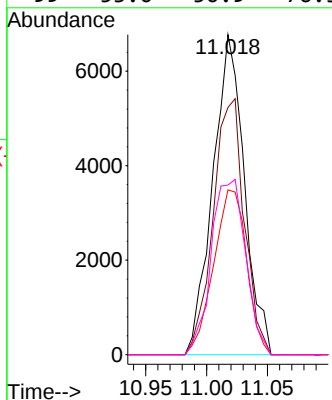
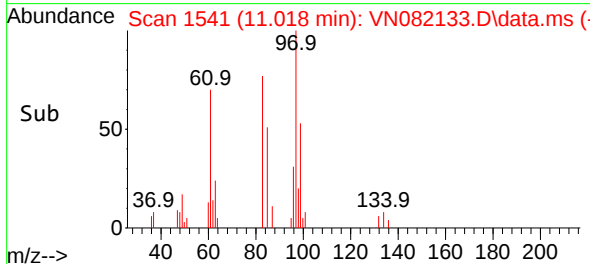
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



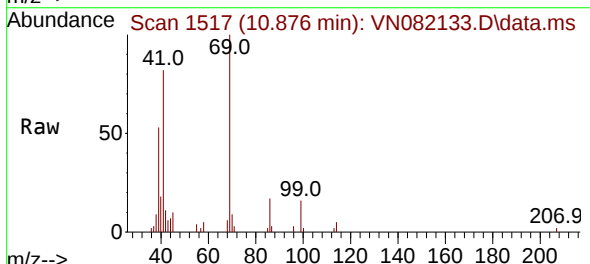
Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.2	70.4	105.6
85	51.5	45.6	68.4
99	53.0	50.9	76.3

Manual Integrations
APPROVED

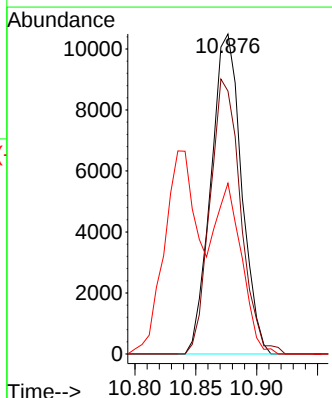
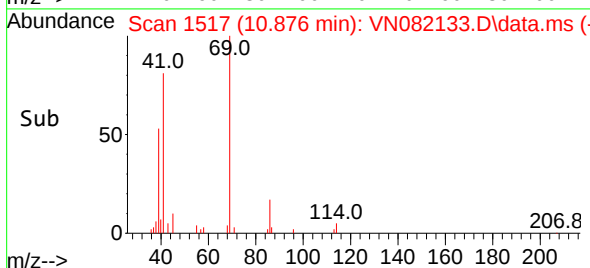
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

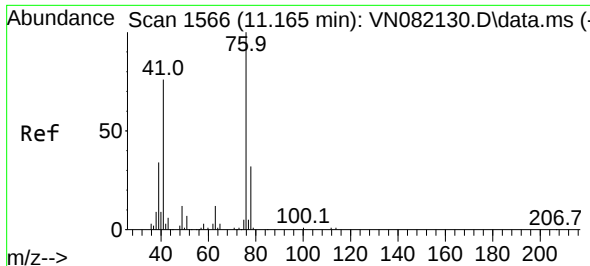


#56
Ethyl methacrylate
Concen: 4.858 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01



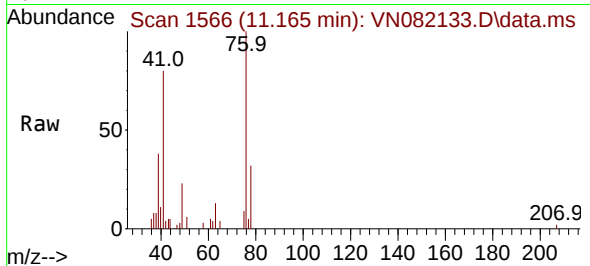
Tgt Ion	Ratio	Lower	Upper
69	100		
41	85.6	46.6	70.0#
39	47.2	26.5	39.7#





#57
1,3-Dichloropropane
Concen: 5.030 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

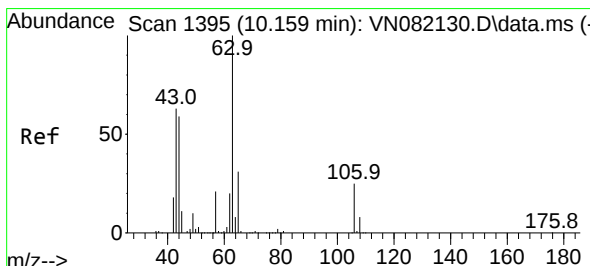
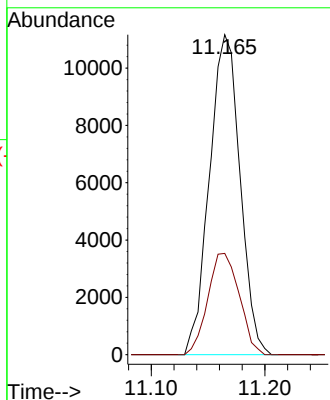
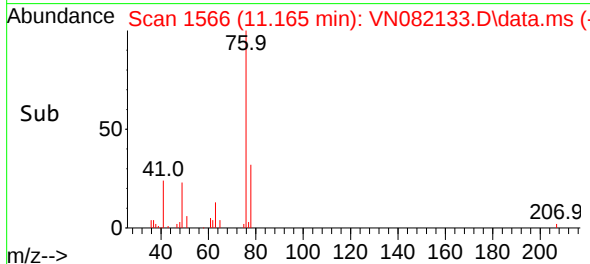
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 20910
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.6

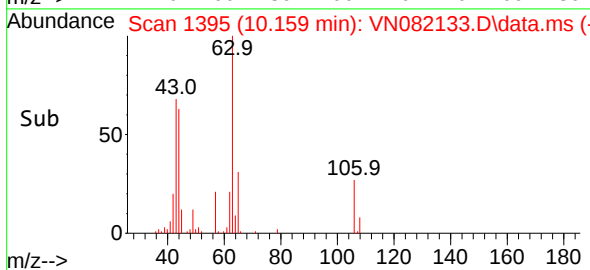
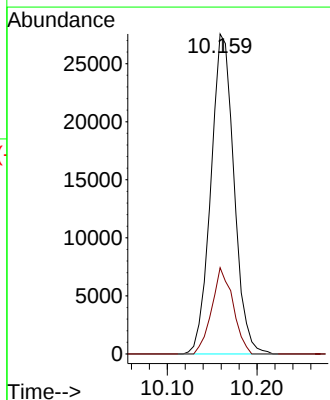
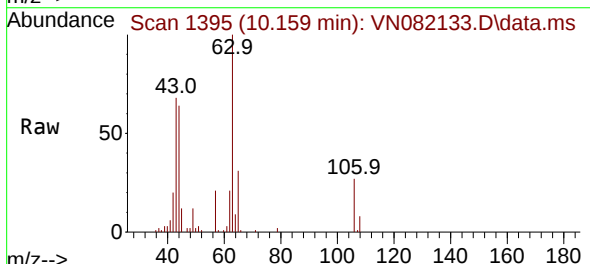
Manual Integrations
APPROVED

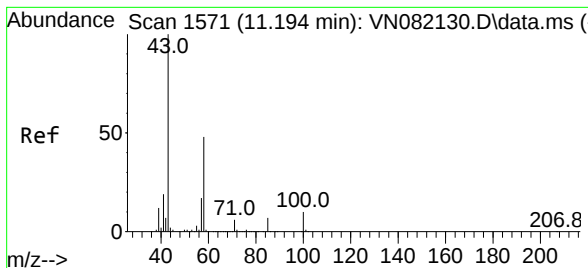
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 25.347 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion: 63 Resp: 49367
Ion Ratio Lower Upper
63 100
106 24.8 24.6 36.8





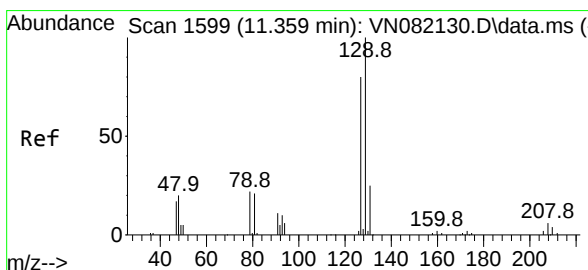
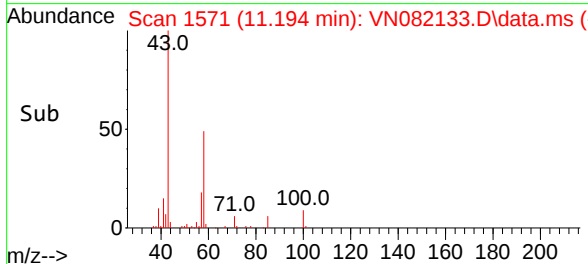
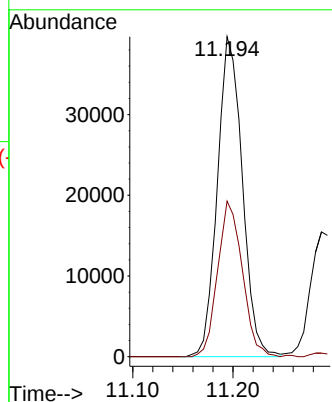
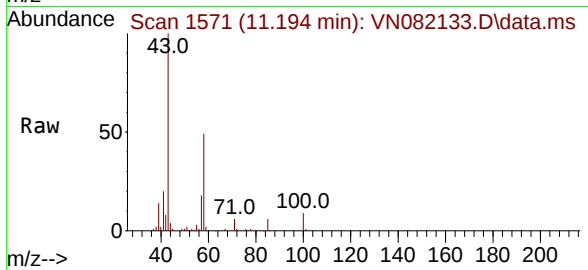
#59
2-Hexanone
Concen: 24.217 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 68324
Ion Ratio Lower Upper
43 100
58 48.0 28.3 84.9

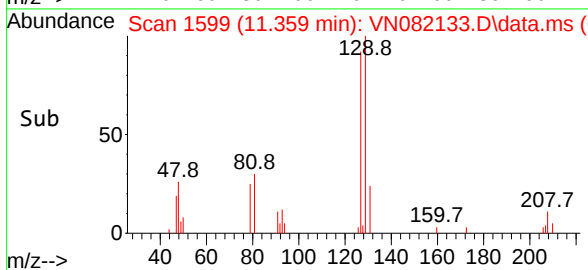
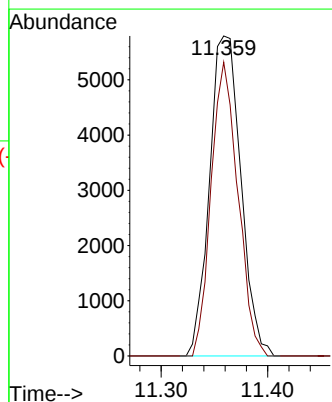
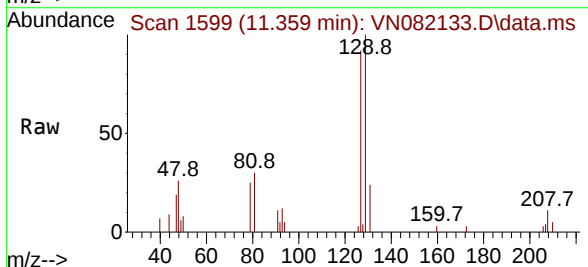
Manual Integrations
APPROVED

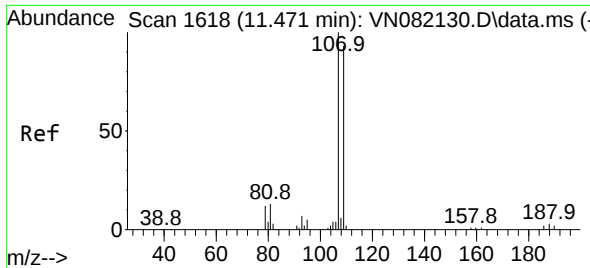
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#60
Dibromochloromethane
Concen: 4.829 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion:129 Resp: 11853
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.8





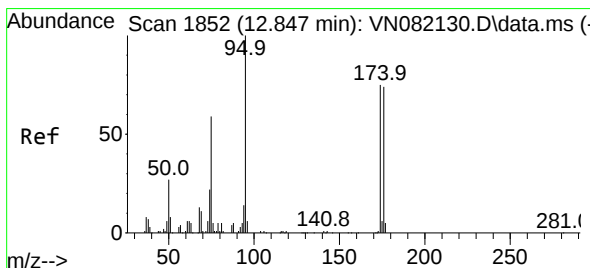
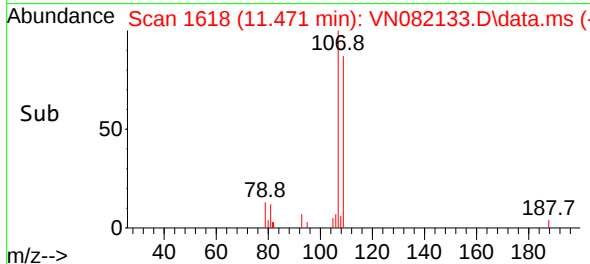
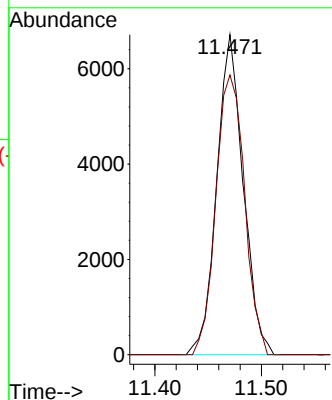
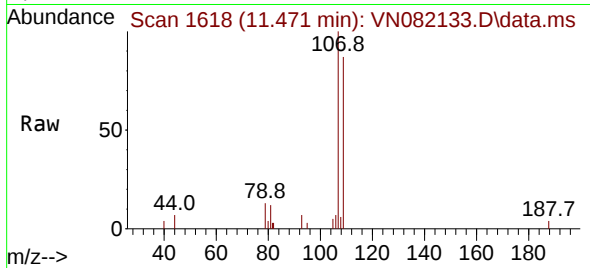
#61
1,2-Dibromoethane
Concen: 5.075 ug/l
RT: 11.471 min Scan# 11594
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 11594
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6

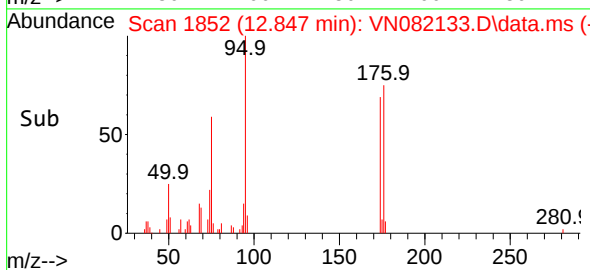
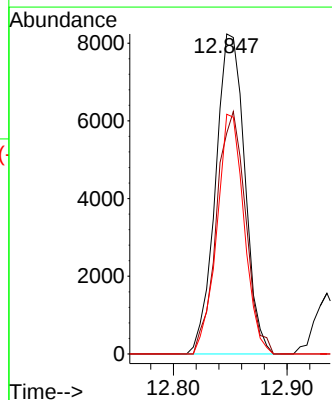
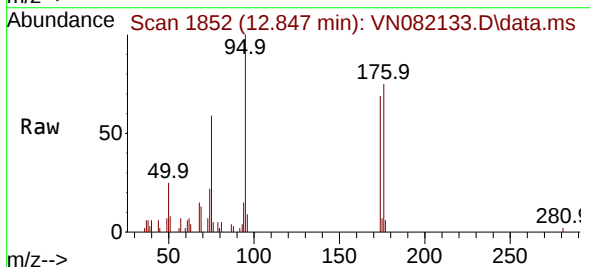
Manual Integrations
APPROVED

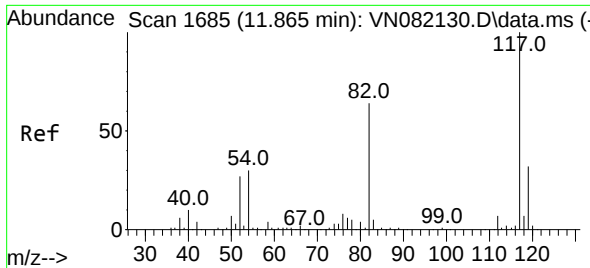
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#62
4-Bromofluorobenzene
Concen: 5.285 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

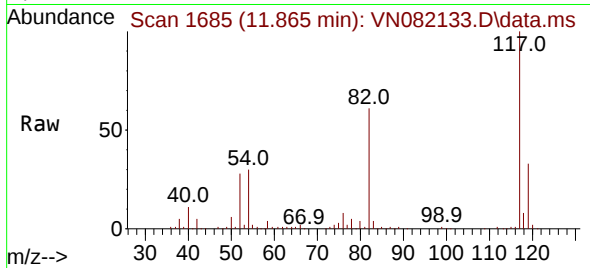
Tgt Ion: 95 Resp: 14748
Ion Ratio Lower Upper
95 100
174 75.5 0.0 160.6
176 69.8 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

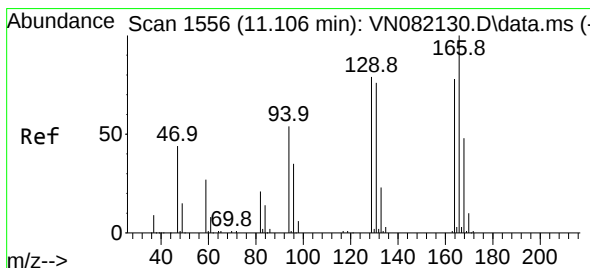
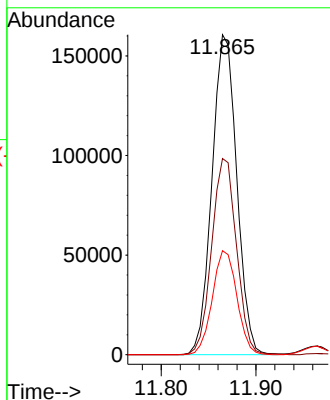
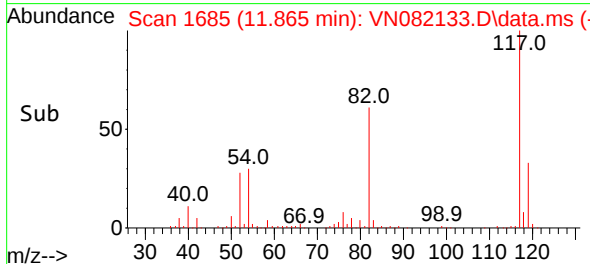
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 292089
Ion Ratio Lower Upper
117 100
82 61.3 44.6 66.8
119 32.5 25.9 38.9

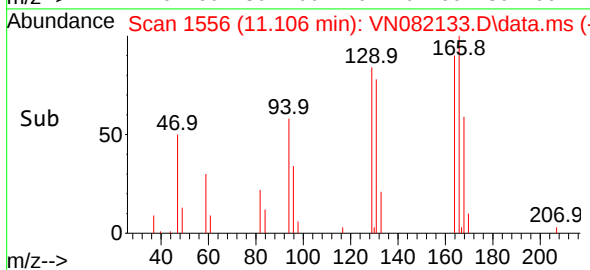
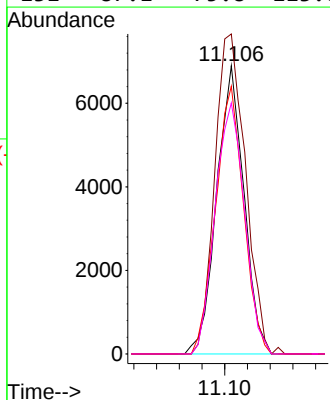
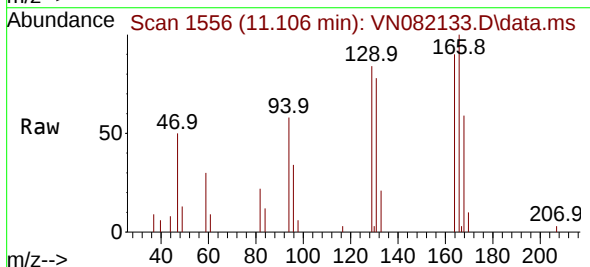
Manual Integrations
APPROVED

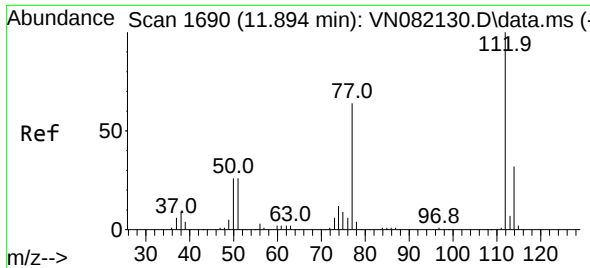
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#64
Tetrachloroethene
Concen: 5.316 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion:164 Resp: 11509
Ion Ratio Lower Upper
164 100
166 111.0 97.6 146.4
129 92.9 73.7 110.5
131 87.1 75.8 113.6





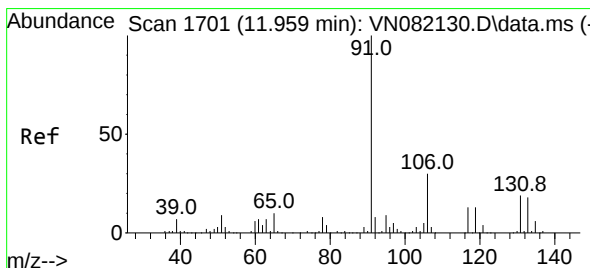
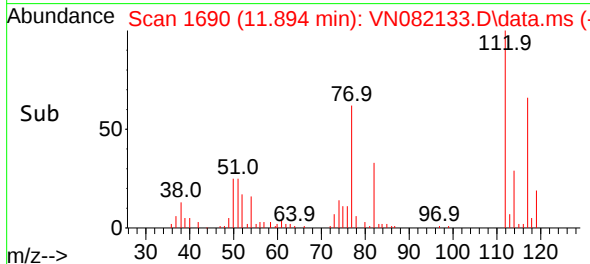
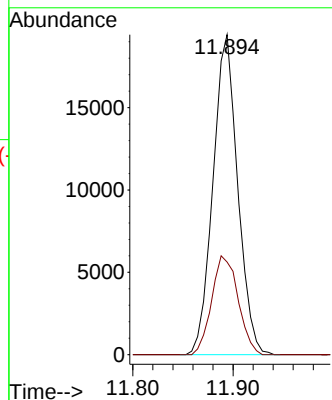
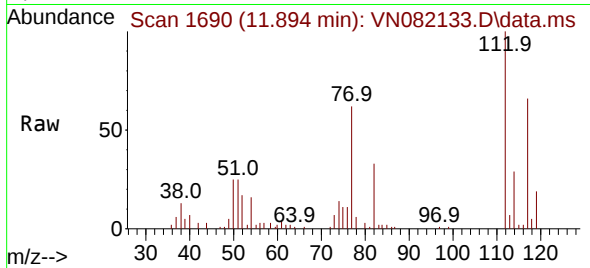
#65
Chlorobenzene
Concen: 5.152 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 33240
Ion Ratio Lower Upper
112 100
114 28.9 25.7 38.5

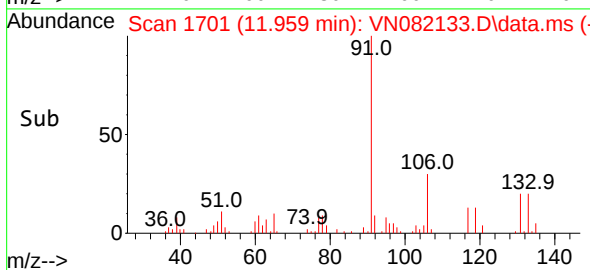
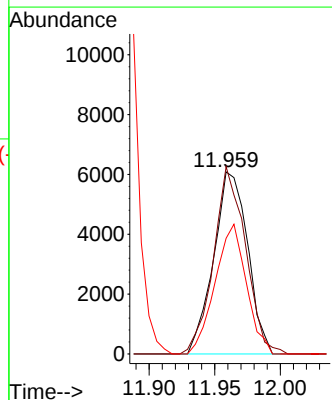
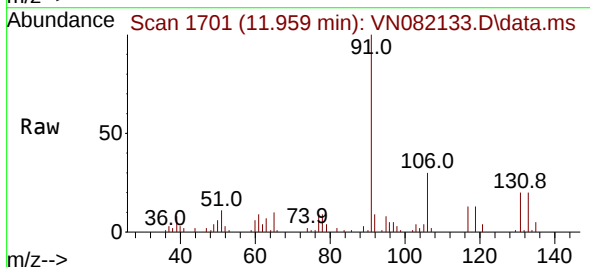
Manual Integrations
APPROVED

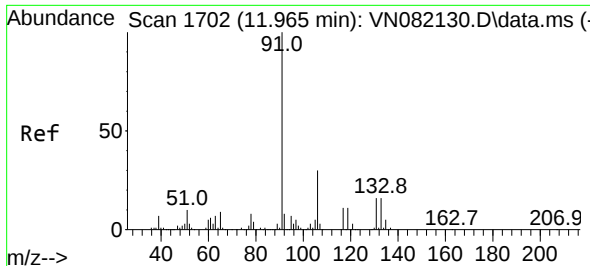
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.167 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

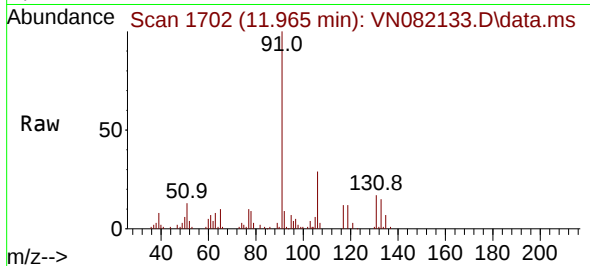
Tgt Ion:131 Resp: 10982
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.6
119 65.5 32.9 98.7





#67
Ethyl Benzene
Concen: 5.079 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

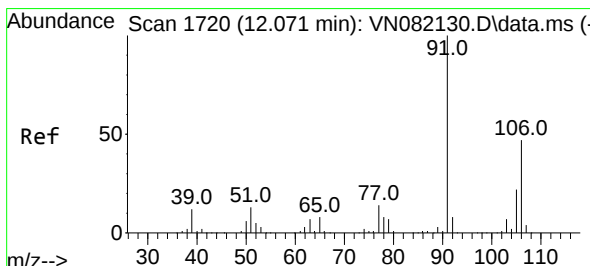
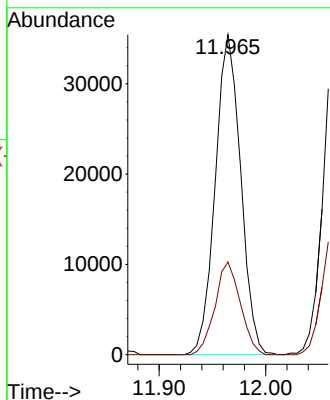
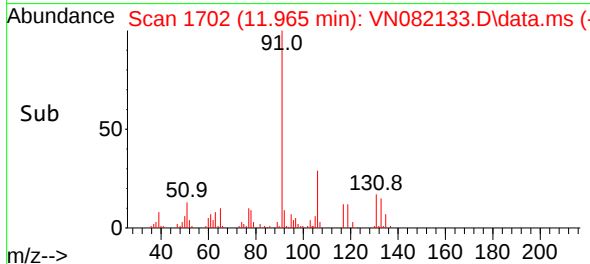
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



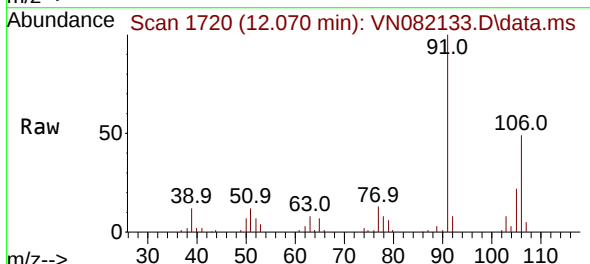
Tgt Ion: 91 Resp: 58624
Ion Ratio Lower Upper
91 100
106 29.0 25.3 37.9

Manual Integrations
APPROVED

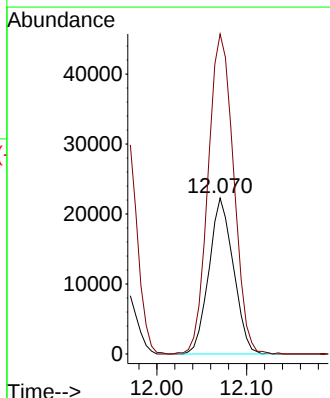
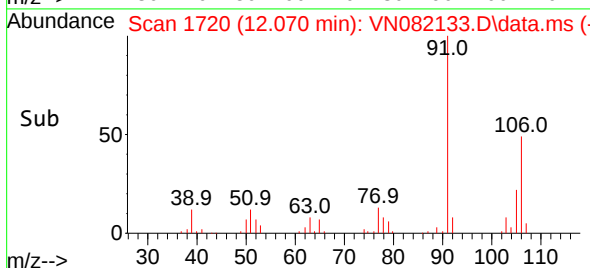
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

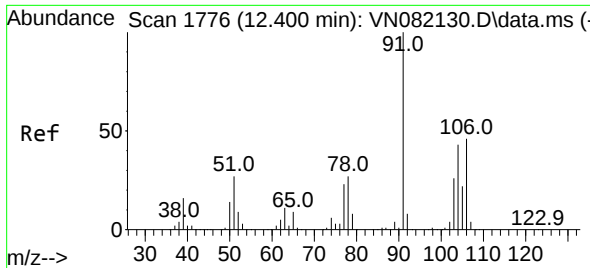


#68
m/p-Xylenes
Concen: 9.957 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01



Tgt Ion:106 Resp: 42124
Ion Ratio Lower Upper
106 100
91 214.7 159.4 239.0





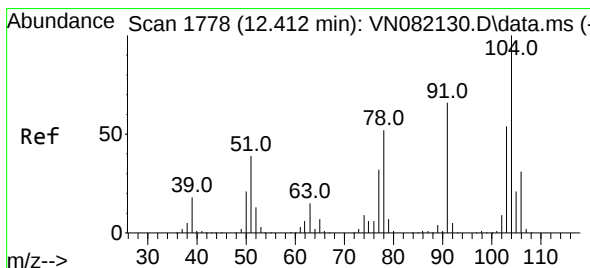
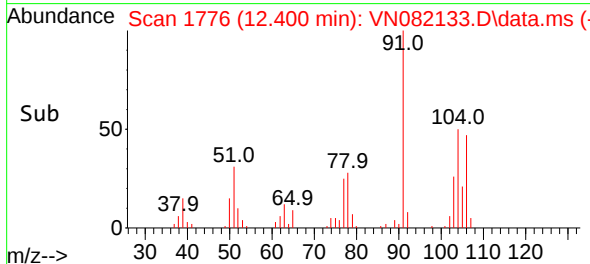
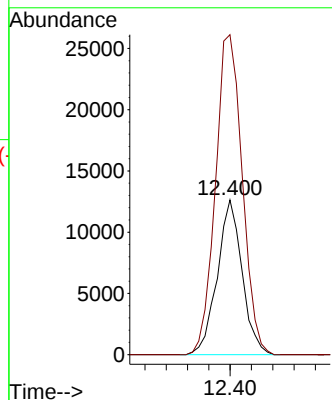
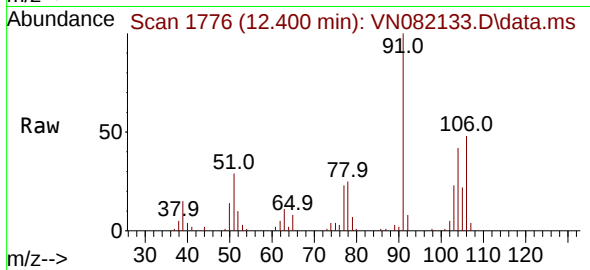
#69
o-Xylene
Concen: 4.980 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2040
Ion Ratio Lower Upper
106 100
91 223.7 104.7 314.1

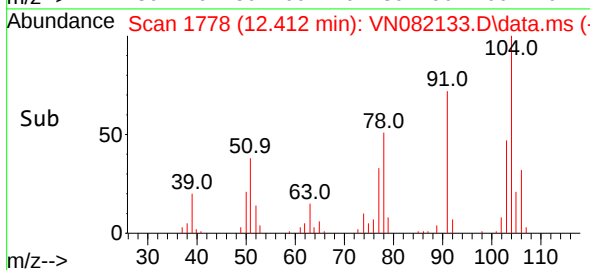
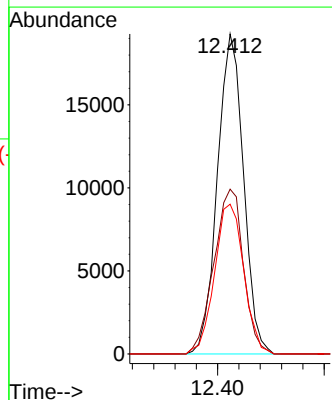
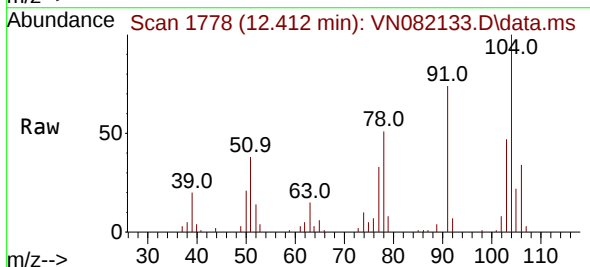
Manual Integrations
APPROVED

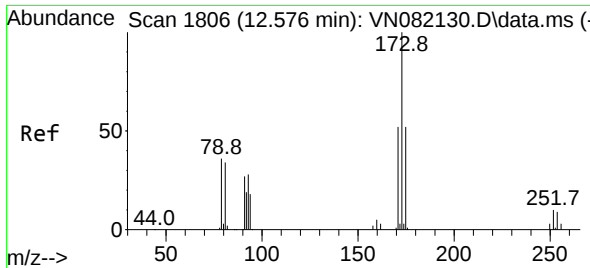
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#70
Styrene
Concen: 4.809 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

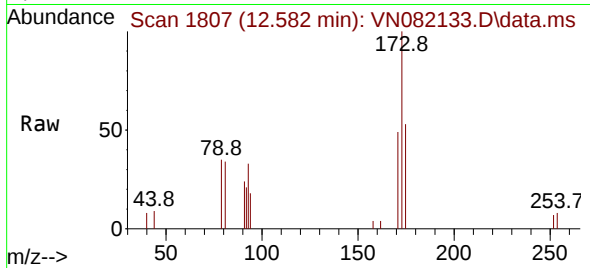
Tgt Ion:104 Resp: 32737
Ion Ratio Lower Upper
104 100
78 58.2 38.6 58.0#
103 52.3 43.8 65.6





#71
Bromoform
Concen: 5.179 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

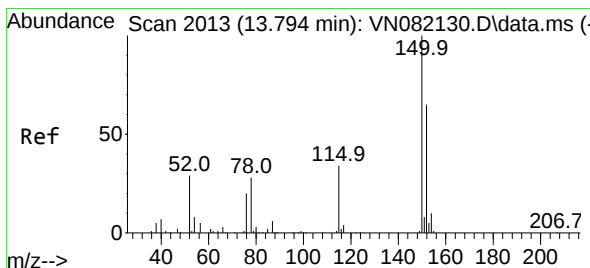
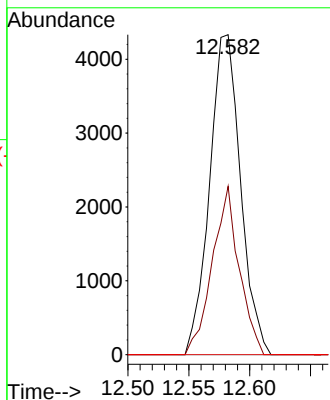
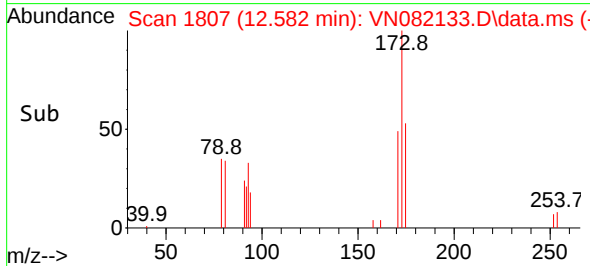
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 767
Ion Ratio Lower Upper
173 100
175 45.7 24.6 74.0
254 0.0 0.0 0.0

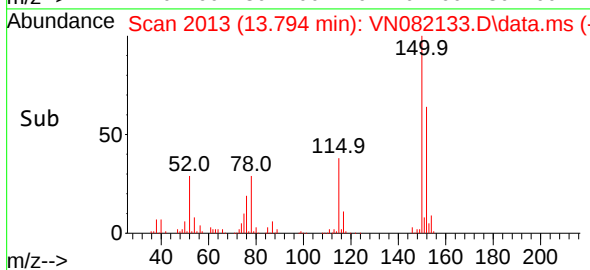
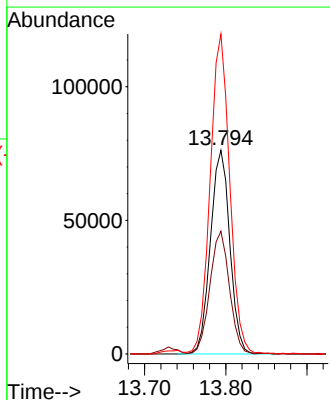
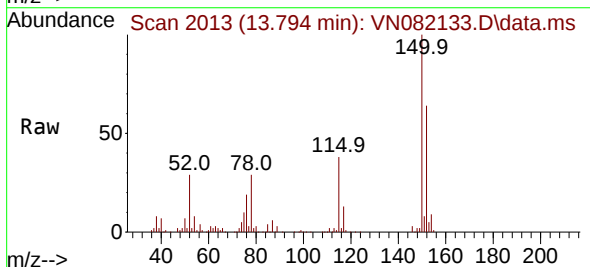
Manual Integrations
APPROVED

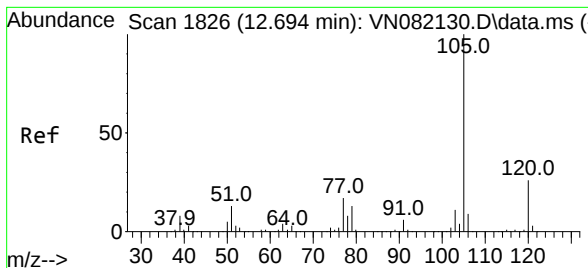
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion:152 Resp: 126496
Ion Ratio Lower Upper
152 100
115 60.1 30.4 91.3
150 158.1 0.0 353.2





#73

Isopropylbenzene

Concen: 5.189 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

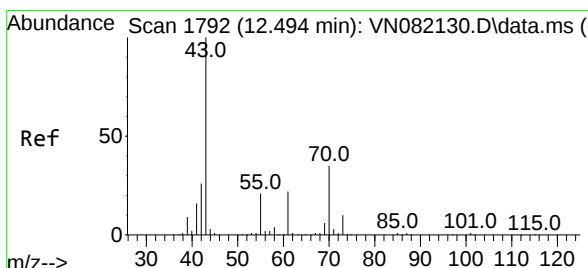
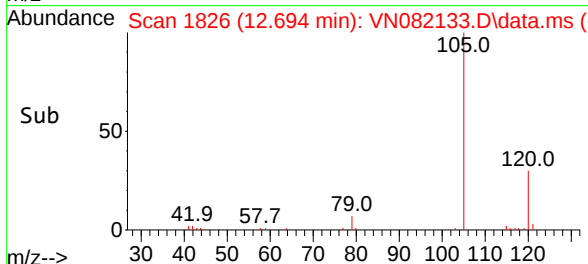
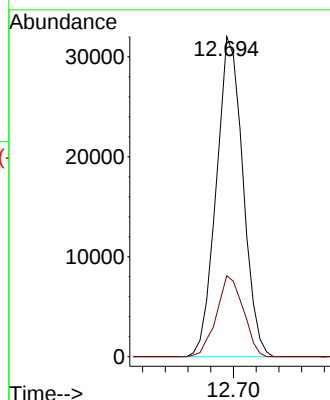
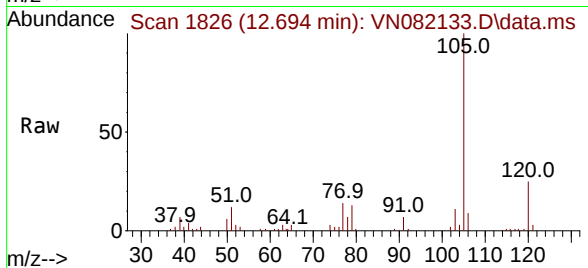
Tgt Ion:105 Resp: 5214
 Ion Ratio Lower Upper
 105 100
 120 25.5 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#74

N-ethyl acetate

Concen: 5.037 ug/l

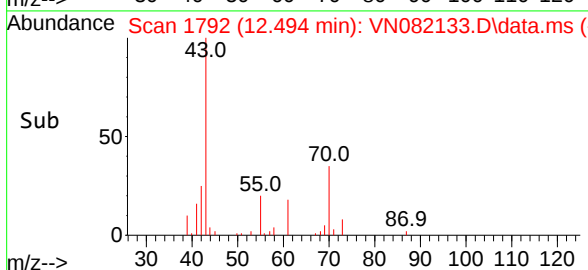
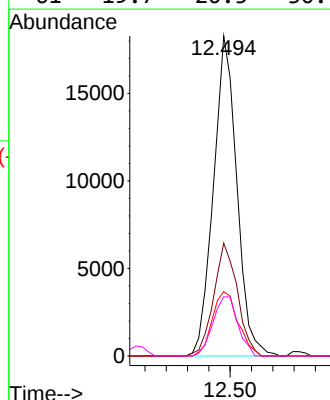
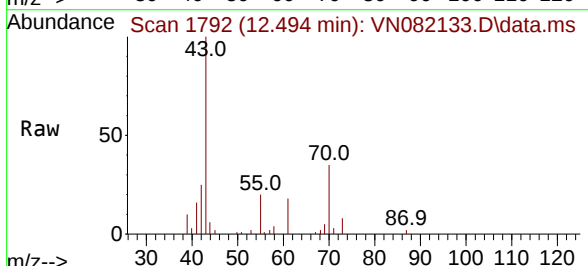
RT: 12.494 min Scan# 1792

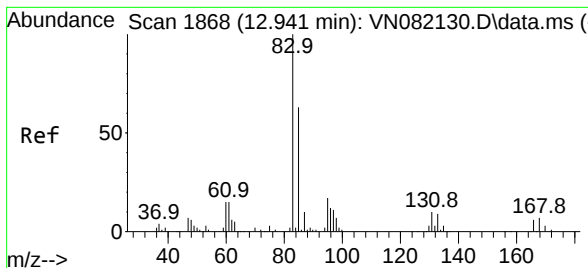
Delta R.T. -0.000 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

Tgt Ion: 43 Resp: 27843
 Ion Ratio Lower Upper
 43 100
 70 35.7 39.0 58.4#
 55 22.1 21.3 31.9
 61 19.7 20.5 30.7#





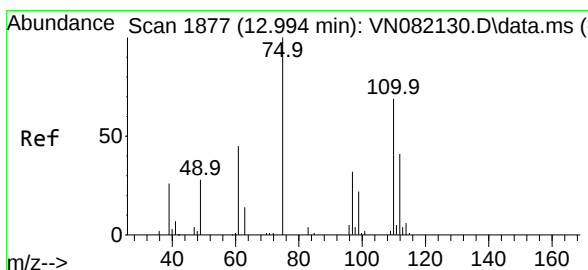
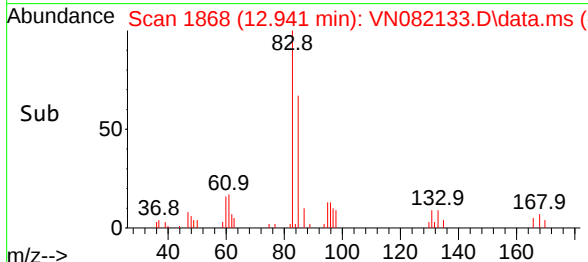
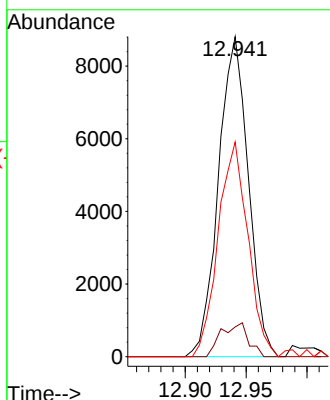
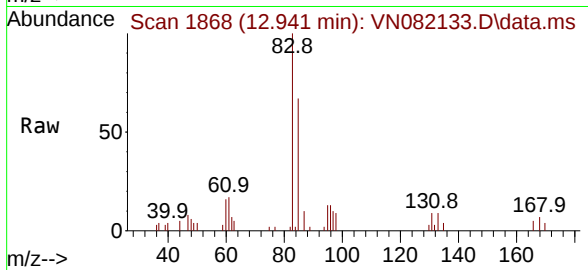
#75
1,1,2,2-Tetrachloroethane
Concen: 5.197 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1505
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.4
85 66.7 32.9 98.6

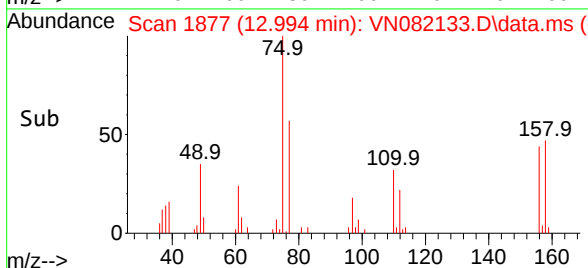
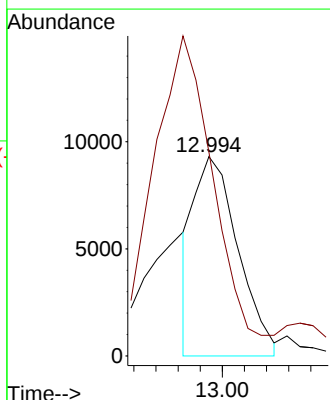
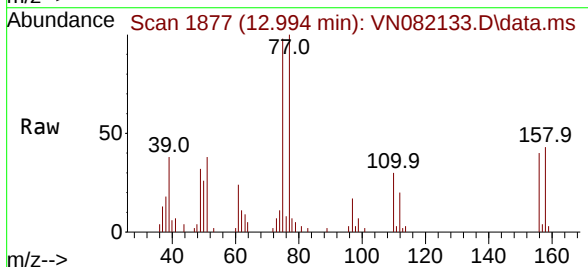
Manual Integrations
APPROVED

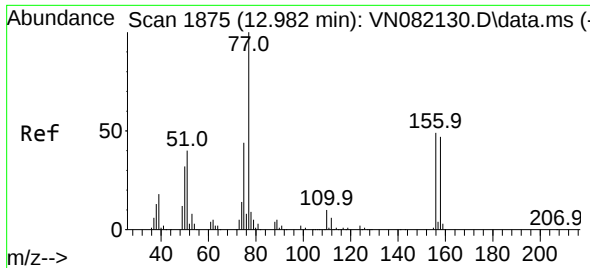
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#76
1,2,3-Trichloropropane
Concen: 4.838 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion: 75 Resp: 12863
Ion Ratio Lower Upper
75 100
77 226.3 90.5 271.3





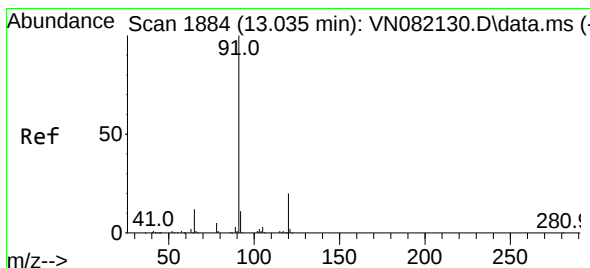
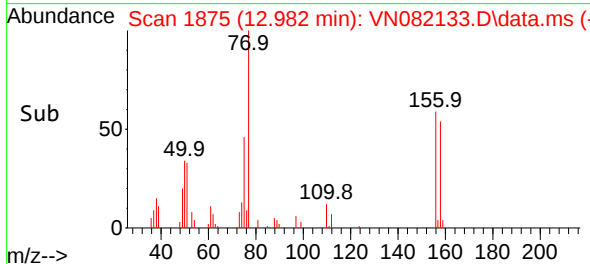
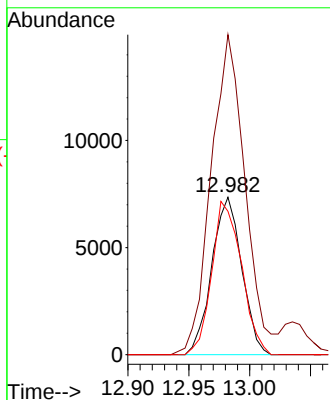
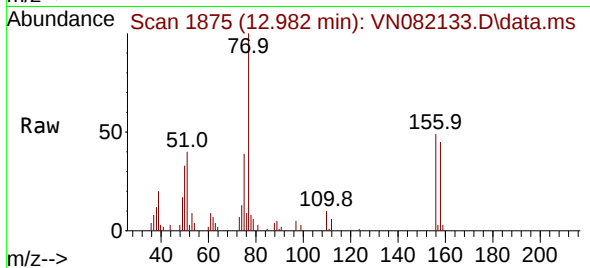
#77
Bromobenzene
Concen: 5.257 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 12589
Ion Ratio Lower Upper
156 100
77 231.2 100.2 300.6
158 96.8 49.1 147.3

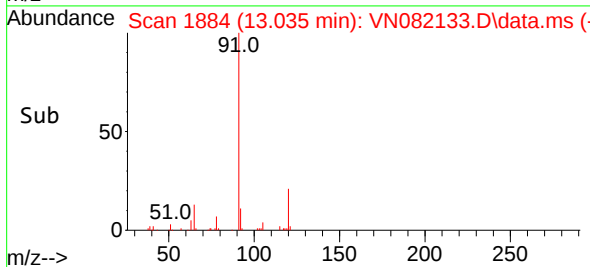
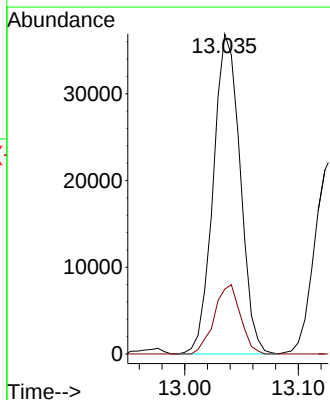
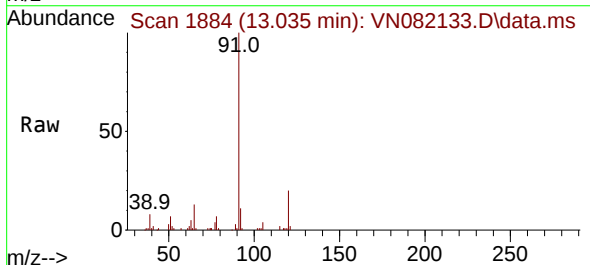
Manual Integrations
APPROVED

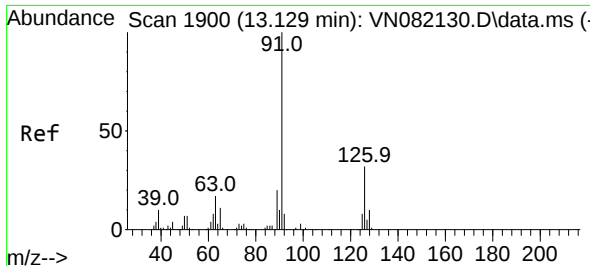
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#78
n-propylbenzene
Concen: 5.106 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion: 91 Resp: 60764
Ion Ratio Lower Upper
91 100
120 21.0 11.7 35.0





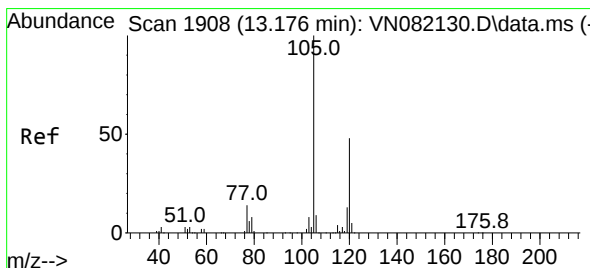
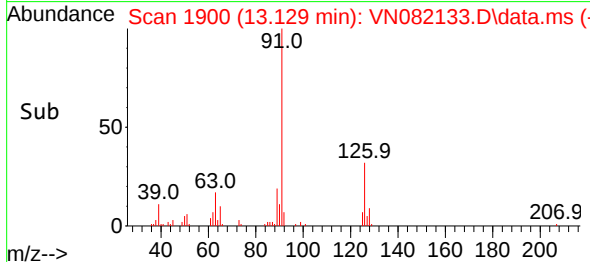
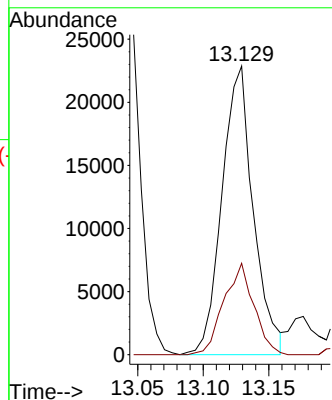
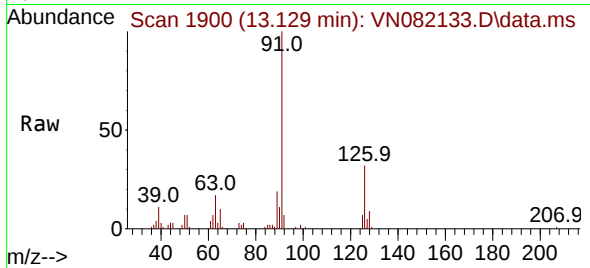
#79
2-Chlorotoluene
Concen: 5.088 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3802
Ion Ratio Lower Upper
91 100
126 30.4 17.5 52.5

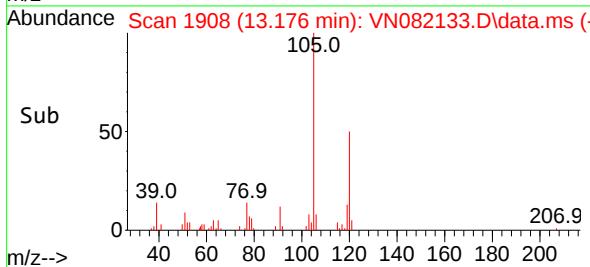
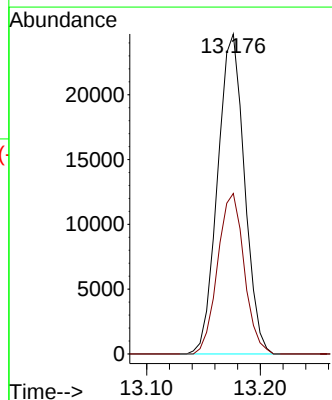
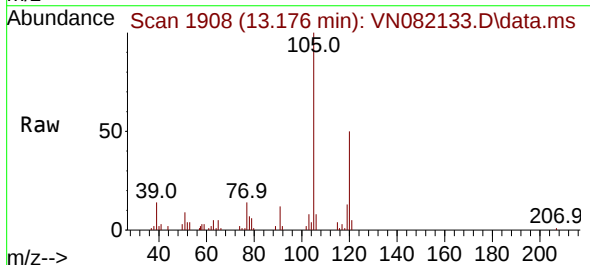
Manual Integrations
APPROVED

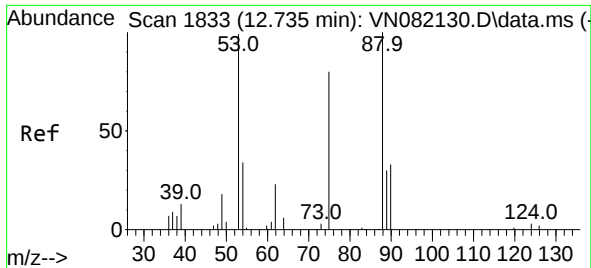
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.982 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

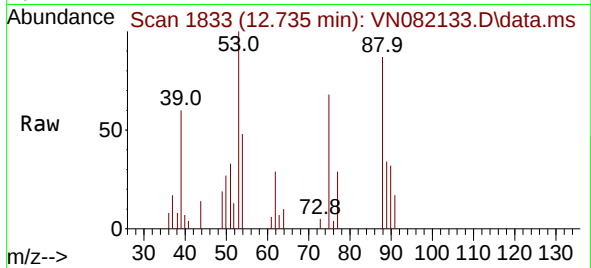
Tgt Ion:105 Resp: 40486
Ion Ratio Lower Upper
105 100
120 49.6 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 5.178 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

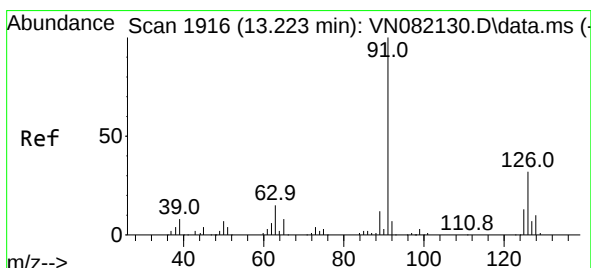
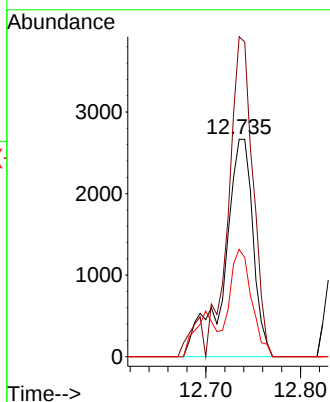
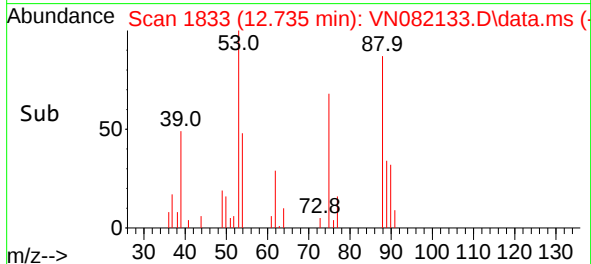
Instrument : MSVOA_N
ClientSampleId : VSTDIC005



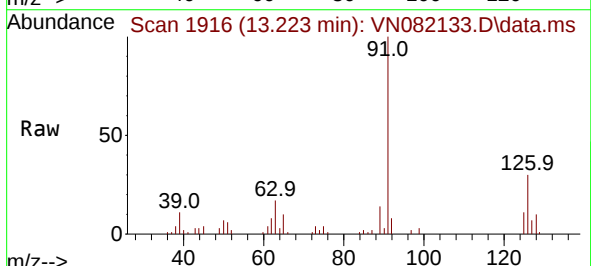
Tgt Ion: 75 Resp: 560
Ion Ratio Lower Upper
75 100
53 124.4 72.9 109.3
89 38.6 39.1 58.7

Manual Integrations
APPROVED

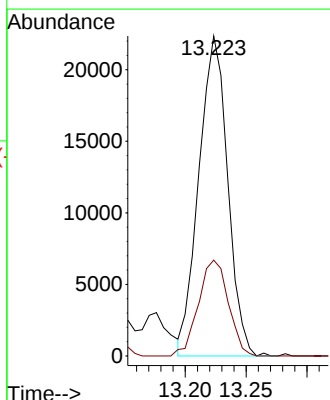
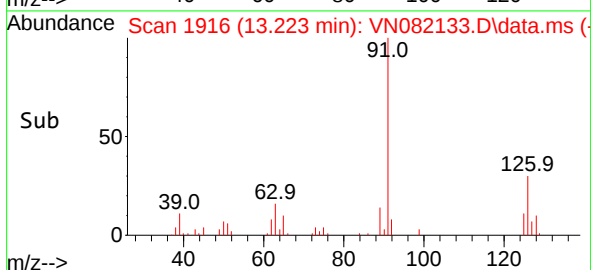
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

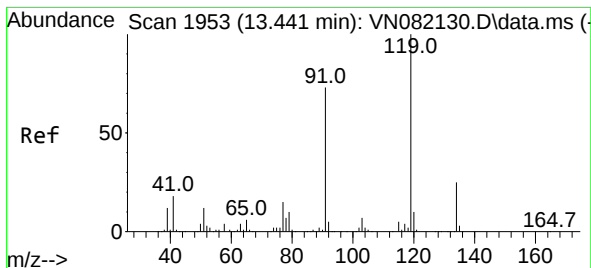


#82
4-Chlorotoluene
Concen: 5.036 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01



Tgt Ion: 91 Resp: 36791
Ion Ratio Lower Upper
91 100
126 31.1 17.4 52.3





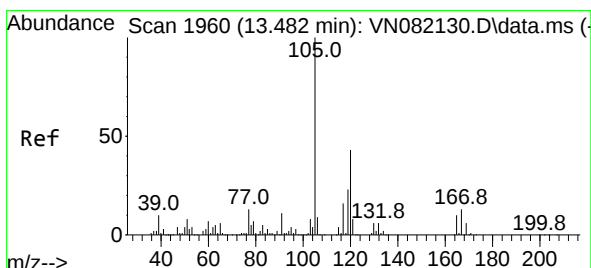
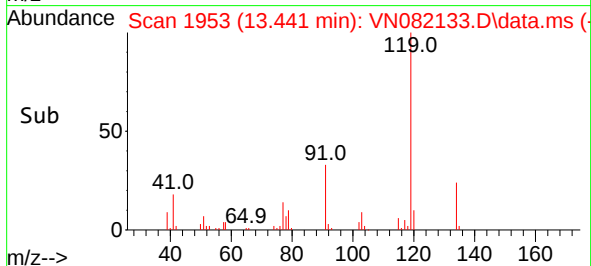
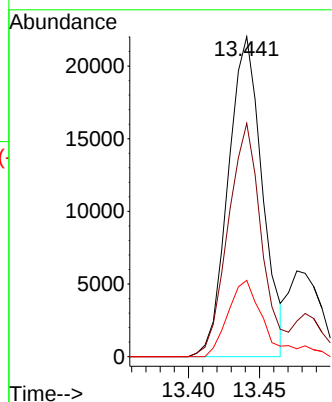
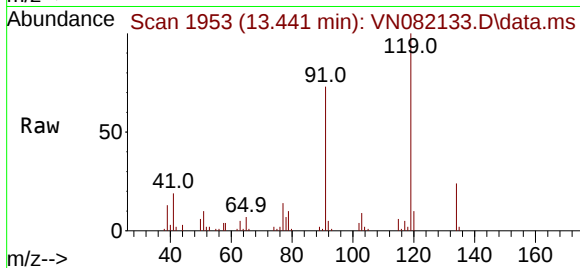
#83
tert-Butylbenzene
Concen: 5.169 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 36749
Ion Ratio Lower Upper
119 100
91 72.3 32.6 97.8
134 25.8 12.4 37.0

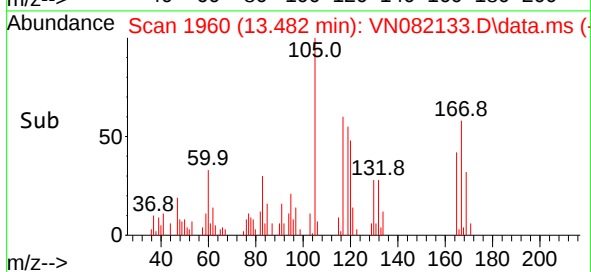
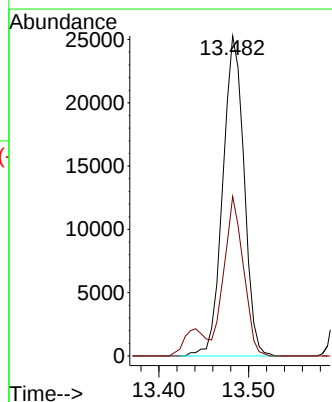
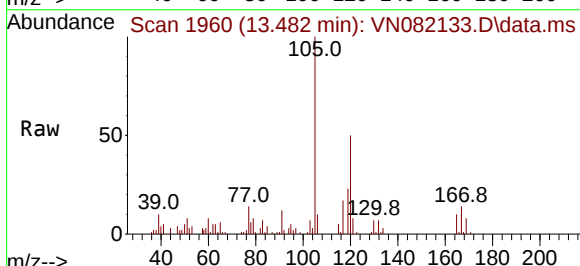
Manual Integrations
APPROVED

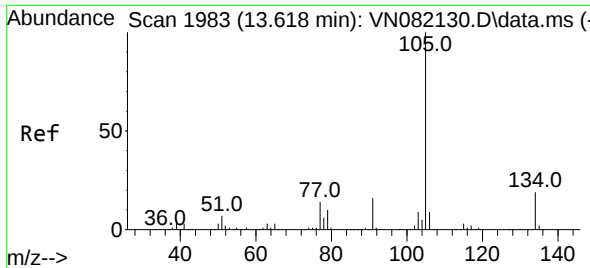
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#84
1,2,4-Trimethylbenzene
Concen: 5.003 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

Tgt Ion:105 Resp: 41596
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.7





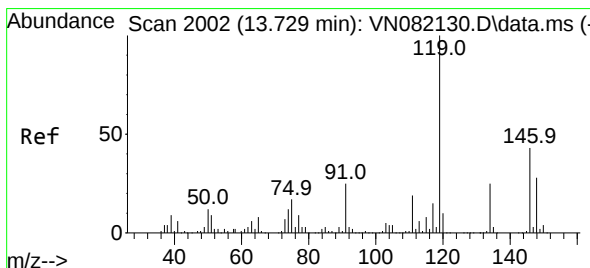
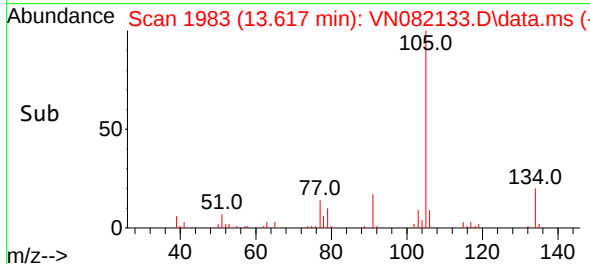
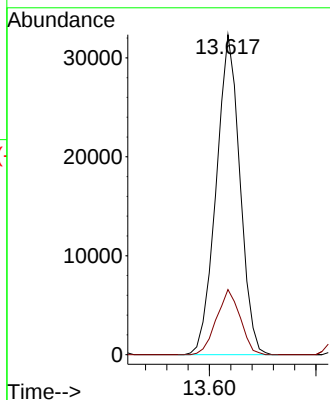
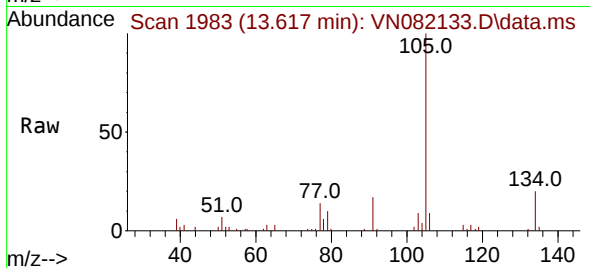
#85
 sec-Butylbenzene
 Concen: 5.070 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082133.D
 Acq: 15 May 2024 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 4995
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

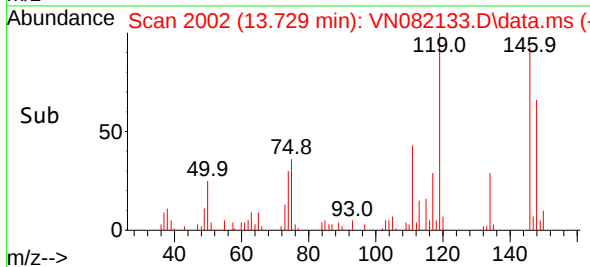
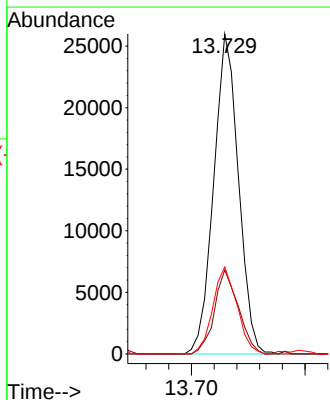
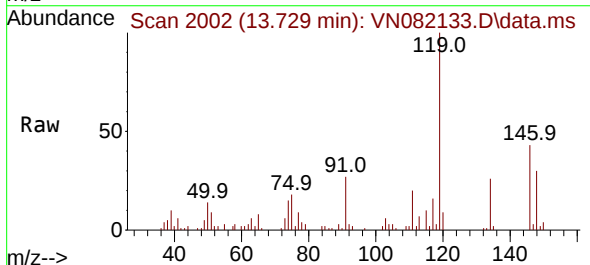
Manual Integrations
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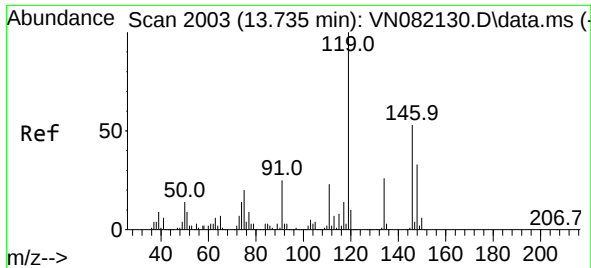
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#86
 p-Isopropyltoluene
 Concen: 4.909 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082133.D
 Acq: 15 May 2024 15:01

Tgt Ion:119 Resp: 39311
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 26.4 11.8 35.3





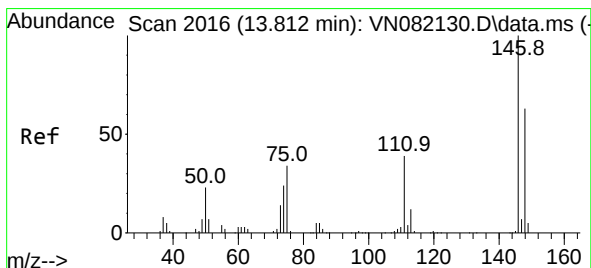
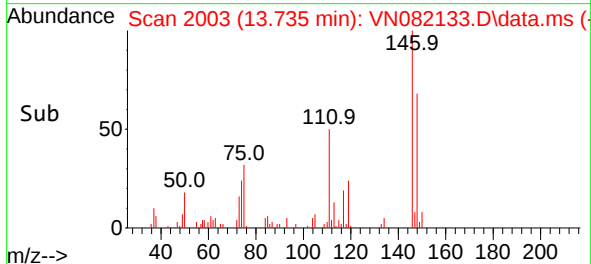
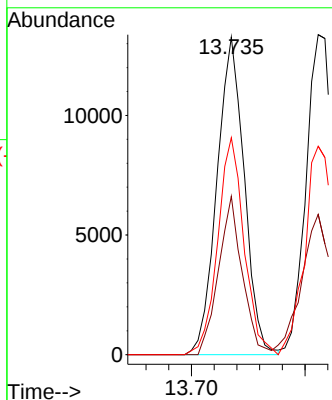
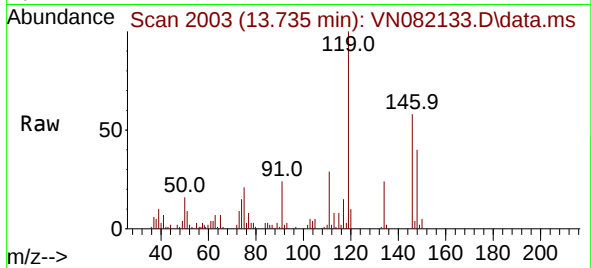
#87
 1,3-Dichlorobenzene
 Concen: 5.117 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082133.D
 Acq: 15 May 2024 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 22200
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.8 62.5
 148 65.8 32.1 96.3

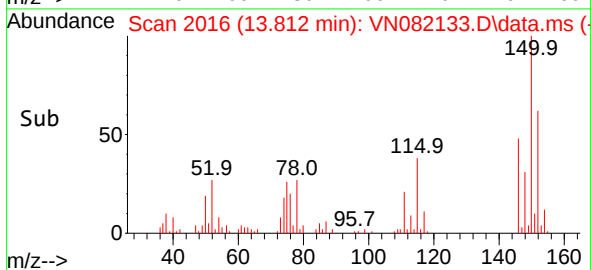
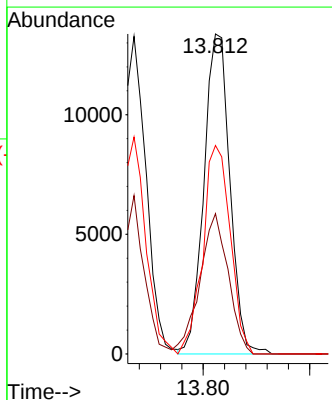
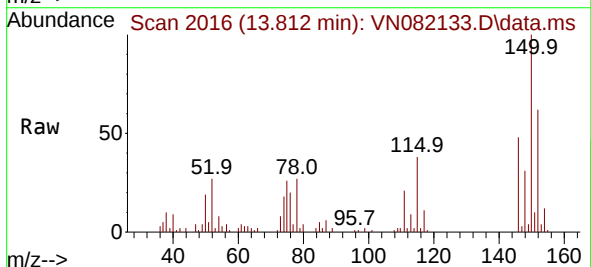
Manual Integrations
 APPROVED

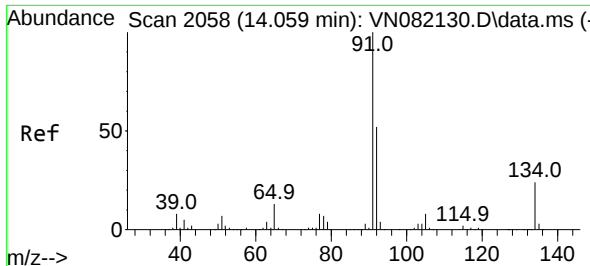
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#88
 1,4-Dichlorobenzene
 Concen: 5.123 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN082133.D
 Acq: 15 May 2024 15:01

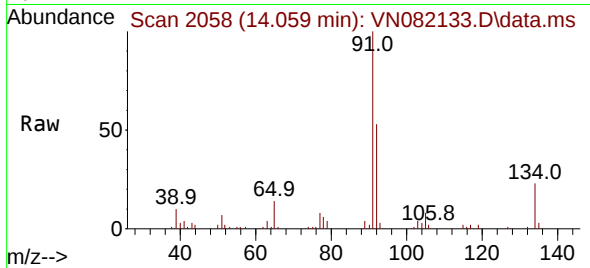
Tgt Ion:146 Resp: 22685
 Ion Ratio Lower Upper
 146 100
 111 48.1 19.3 57.9
 148 68.8 31.3 93.9





#89
n-Butylbenzene
Concen: 4.902 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

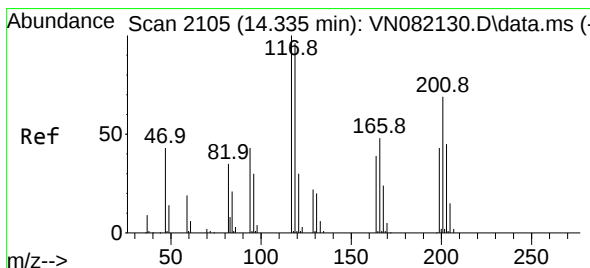
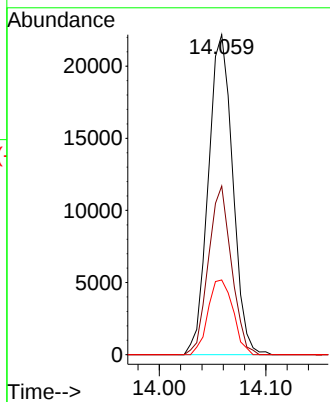
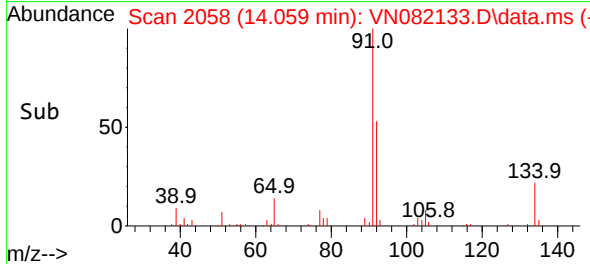
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 3528
Ion Ratio Lower Upper
91 100
92 49.8 26.2 78.5
134 24.0 13.2 39.5

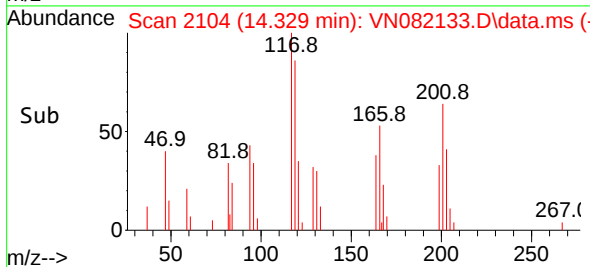
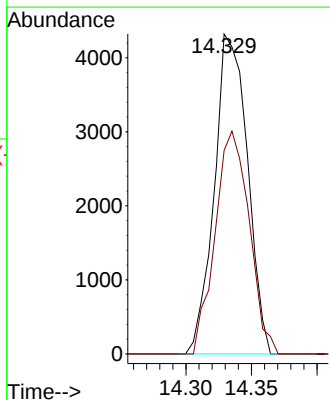
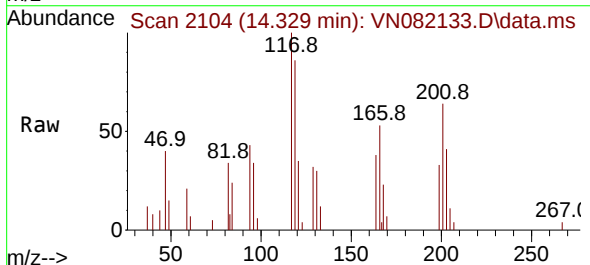
Manual Integrations
APPROVED

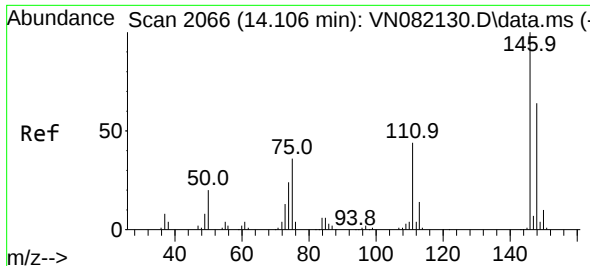
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#90
Hexachloroethane
Concen: 5.114 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

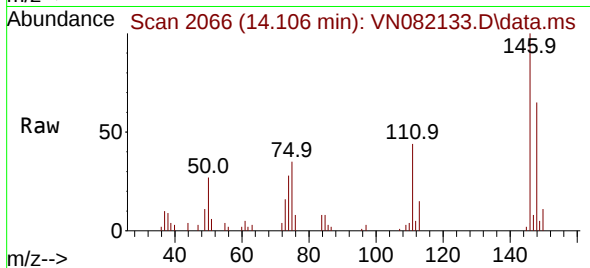
Tgt Ion:117 Resp: 7588
Ion Ratio Lower Upper
117 100
201 71.8 33.3 99.8





#91
1,2-Dichlorobenzene
Concen: 5.286 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

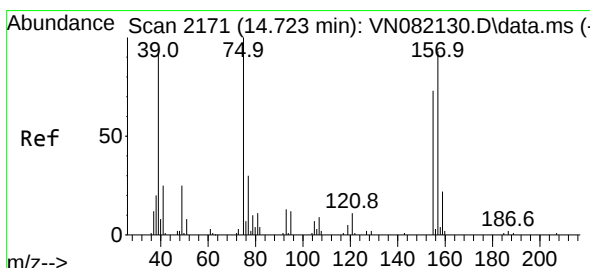
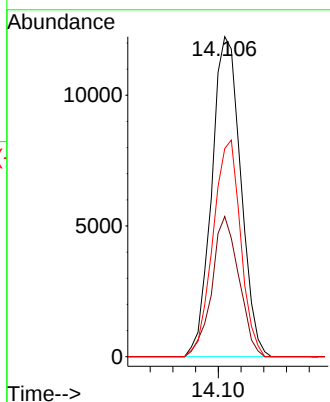
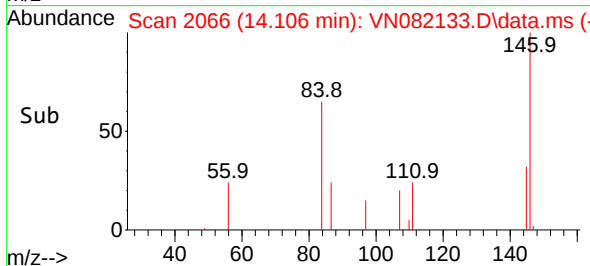
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



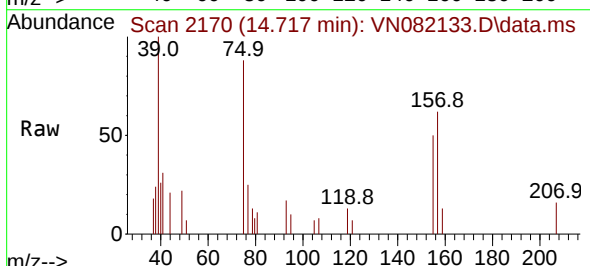
Tgt Ion:146 Resp: 21710
Ion Ratio Lower Upper
146 100
111 40.8 21.3 64.0
148 64.4 31.8 95.4

Manual Integrations
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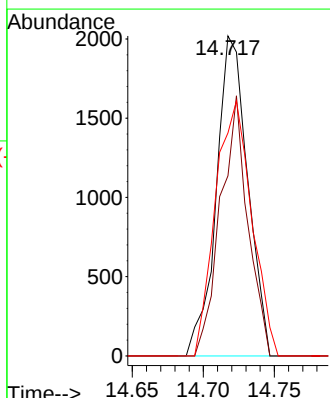
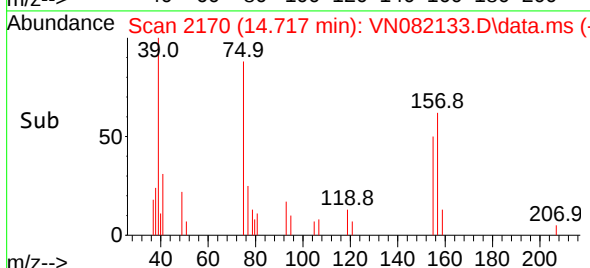
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

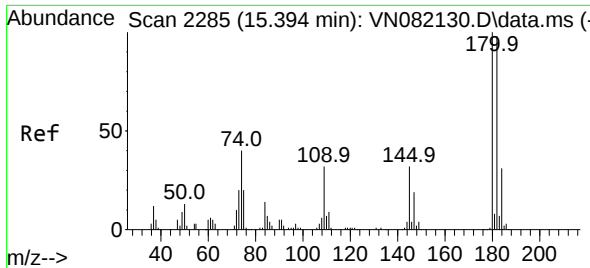


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.215 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01



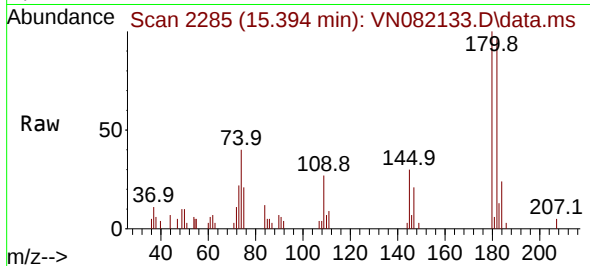
Tgt Ion: 75 Resp: 3104
Ion Ratio Lower Upper
75 100
155 70.7 42.6 128.0
157 91.8 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 4.852 ug/l
RT: 15.394 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01

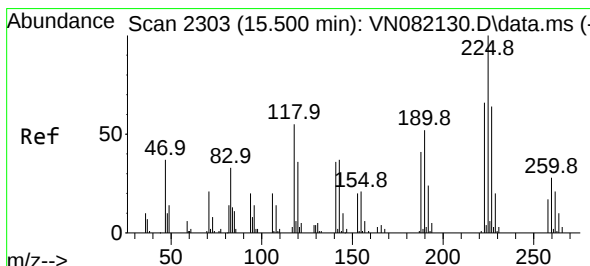
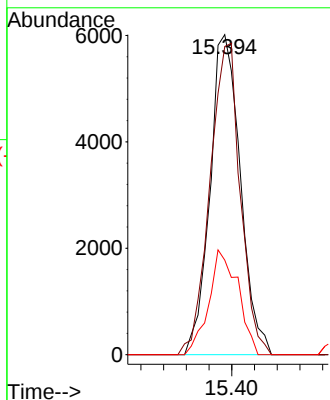
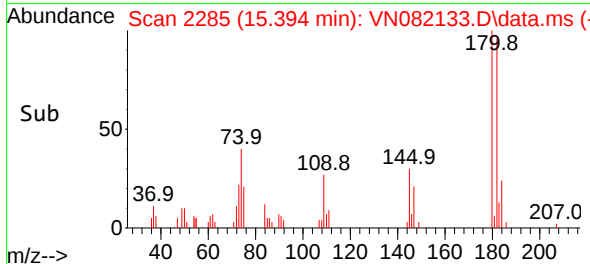
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



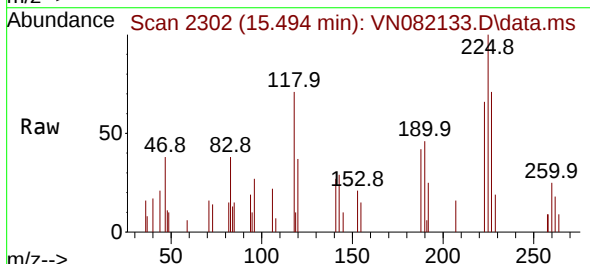
Tgt Ion:180 Resp: 11170
Ion Ratio Lower Upper
180 100
182 97.0 46.7 140.0
145 31.5 16.2 48.6

Manual Integrations
APPROVED

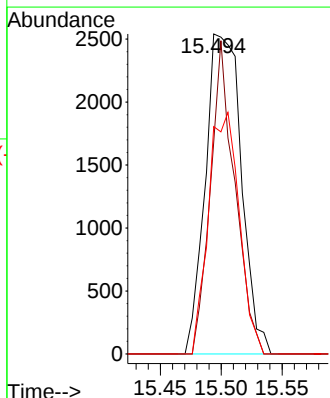
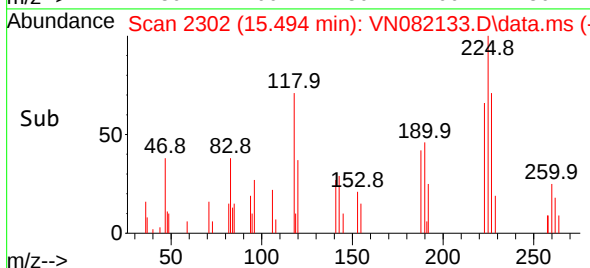
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

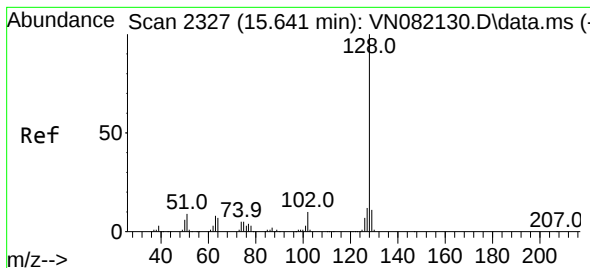


#94
Hexachlorobutadiene
Concen: 5.165 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN082133.D
Acq: 15 May 2024 15:01



Tgt Ion:225 Resp: 5218
Ion Ratio Lower Upper
225 100
223 66.6 31.1 93.2
227 64.9 30.6 91.6





#95

Naphthalene

Concen: 4.668 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

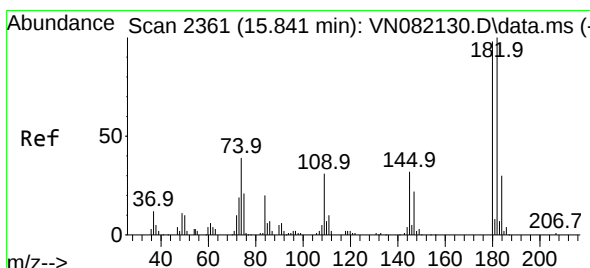
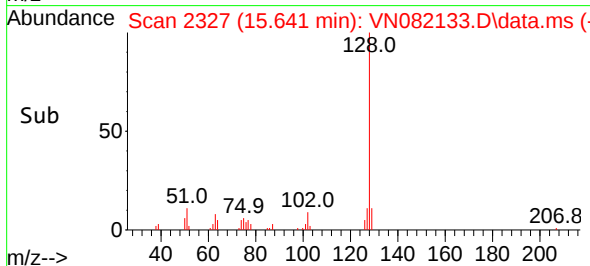
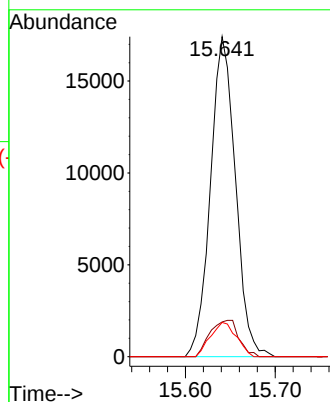
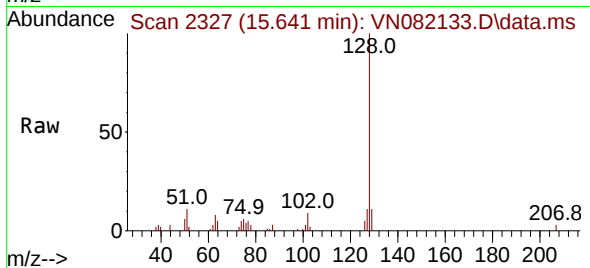
Tgt Ion:	128	Resp:	33674
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.1	15.1
129	11.1	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#96

1,2,3-Trichlorobenzene

Concen: 5.065 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082133.D

Acq: 15 May 2024 15:01

Tgt Ion:	180	Resp:	11674
Ion Ratio	Lower	Upper	
180	100		
182	91.5	46.0	137.8
145	29.9	17.1	51.3

