

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072324\
 Data File : VN083018.D
 Acq On : 23 Jul 2024 18:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 24 02:32:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	77274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	133551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	124764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	60830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	49804	45.978	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.960%		
35) Dibromofluoromethane	8.171	113	38882	45.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.740%		
50) Toluene-d8	10.570	98	143311	45.277	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.560%		
62) 4-Bromofluorobenzene	12.853	95	45799	40.282	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	80.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47986	47.965	ug/l	98
3) Chloromethane	2.359	50	40737	42.937	ug/l	96
4) Vinyl Chloride	2.512	62	50500	50.681	ug/l	100
5) Bromomethane	2.942	94	34214	47.623	ug/l	98
6) Chloroethane	3.112	64	42091	61.728	ug/l	98
7) Trichlorofluoromethane	3.489	101	75601	52.752	ug/l	99
8) Diethyl Ether	3.965	74	25801	52.603	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	45604	56.223	ug/l	99
10) Methyl Iodide	4.589	142	41886	50.368	ug/l	96
11) Tert butyl alcohol	5.530	59	46513	255.297	ug/l	98
12) 1,1-Dichloroethene	4.336	96	39395	49.940	ug/l	91
13) Acrolein	4.189	56	6617	50.305	ug/l	97
14) Allyl chloride	5.024	41	57489	46.741	ug/l #	93
15) Acrylonitrile	5.724	53	123938	296.002	ug/l	99
16) Acetone	4.430	43	114195	299.430	ug/l	92
17) Carbon Disulfide	4.712	76	99765	42.324	ug/l	100
18) Methyl Acetate	5.024	43	74061	73.389	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	148264	54.487	ug/l	99
20) Methylene Chloride	5.277	84	51155	55.541	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	43485	50.875	ug/l	92
22) Diisopropyl ether	6.671	45	147907	57.480	ug/l #	92
23) Vinyl Acetate	6.606	43	559924	274.009	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	88570	56.745	ug/l	97
25) 2-Butanone	7.488	43	173234	300.828	ug/l	94
26) 2,2-Dichloropropane	7.494	77	79493	54.777	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	54086	54.049	ug/l	91
28) Bromochloromethane	7.818	49	39908	59.601	ug/l #	83
29) Tetrahydrofuran	7.841	42	108984	300.619	ug/l #	86
30) Chloroform	7.971	83	97984	59.175	ug/l	97
31) Cyclohexane	8.259	56	65319	46.123	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	88218	57.382	ug/l	96
36) 1,1-Dichloropropene	8.377	75	62232	52.671	ug/l	98
37) Ethyl Acetate	7.565	43	67794	56.358	ug/l	98
38) Carbon Tetrachloride	8.365	117	76446	53.737	ug/l	95
39) Methylcyclohexane	9.606	83	59542	46.653	ug/l	92
40) Benzene	8.606	78	201387	55.411	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	34897	53.849	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	73944	56.515	ug/l	99
43) Isopropyl Acetate	8.694	43	125593	55.711	ug/l #	95
44) Trichloroethene	9.353	130	45195	48.538	ug/l	100
45) 1,2-Dichloropropane	9.623	63	50937	60.032	ug/l	100
46) Dibromomethane	9.712	93	37350	56.503	ug/l	98
47) Bromodichloromethane	9.888	83	79349	58.096	ug/l	96
48) Methyl methacrylate	9.682	41	52896	56.081	ug/l #	85
49) 1,4-Dioxane	9.700	88	22826	1115.586	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	370254	310.476	ug/l	94
52) Toluene	10.629	92	127335	56.087	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	77923	55.380	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	80965	54.363	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	50676	60.701	ug/l	97
56) Ethyl methacrylate	10.876	69	78700	60.593	ug/l	89
57) 1,3-Dichloropropane	11.165	76	86594	58.598	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	219606	329.506	ug/l	94
59) 2-Hexanone	11.200	43	284233	320.577	ug/l	94
60) Dibromochloromethane	11.359	129	62266	58.559	ug/l	99
61) 1,2-Dibromoethane	11.470	107	51028	57.557	ug/l	100
64) Tetrachloroethene	11.106	164	41456	44.537	ug/l	99
65) Chlorobenzene	11.894	112	141338	52.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	53172	55.914	ug/l	98
67) Ethyl Benzene	11.964	91	242179	53.897	ug/l	99
68) m/p-Xylenes	12.070	106	188659	111.211	ug/l	97
69) o-Xylene	12.400	106	88499	54.445	ug/l	96
70) Styrene	12.412	104	157959	58.814	ug/l	99
71) Bromoform	12.582	173	42511	56.843	ug/l #	96
73) Isopropylbenzene	12.700	105	228867	51.778	ug/l	99
74) N-amyl acetate	12.494	43	103031	56.352	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	76612	57.873	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	68618m	65.429	ug/l	
77) Bromobenzene	12.982	156	59018	51.755	ug/l	93
78) n-propylbenzene	13.035	91	270868	53.298	ug/l	99
79) 2-Chlorotoluene	13.129	91	164868	50.914	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	190567	53.336	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	31583	59.228	ug/l	91
82) 4-Chlorotoluene	13.223	91	167539	52.272	ug/l	97
83) tert-Butylbenzene	13.441	119	163984	51.770	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	197137	54.134	ug/l	99
85) sec-Butylbenzene	13.617	105	225444	52.668	ug/l	100
86) p-Isopropyltoluene	13.729	119	187161	52.407	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	109614	53.211	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	107916	50.655	ug/l	98
89) n-Butylbenzene	14.058	91	154686	50.557	ug/l	98
90) Hexachloroethane	14.335	117	38872	51.440	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	105143	52.569	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15252	49.801	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	49161	45.631	ug/l	97
94) Hexachlorobutadiene	15.505	225	22082	46.235	ug/l	99
95) Naphthalene	15.641	128	180711	48.973	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	52865	47.723	ug/l	97

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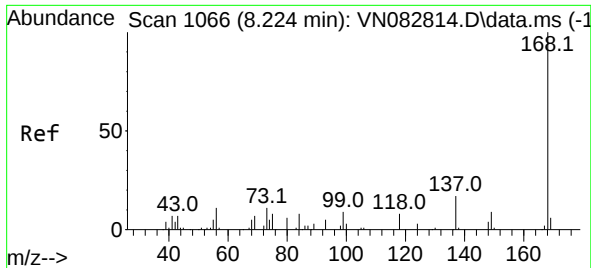
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

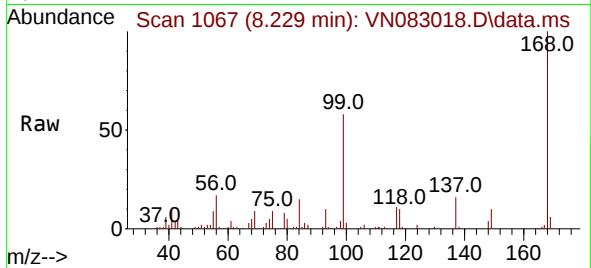
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN083018.D
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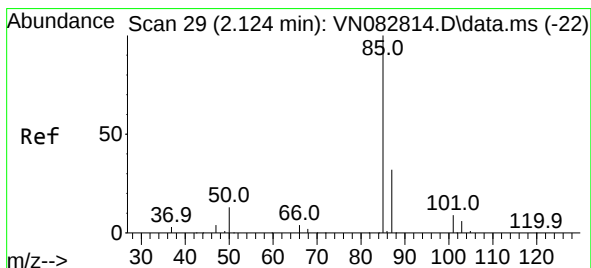
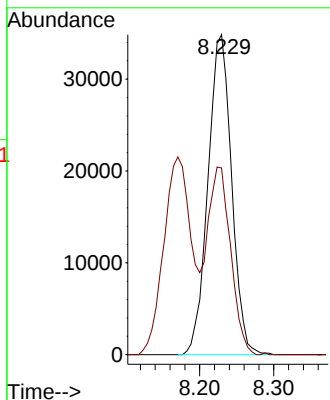
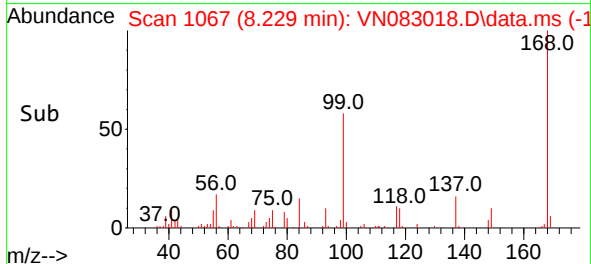
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 77274
Ion Ratio Lower Upper
168 100
99 58.3 48.2 72.4

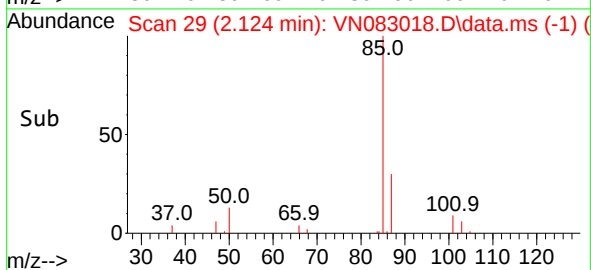
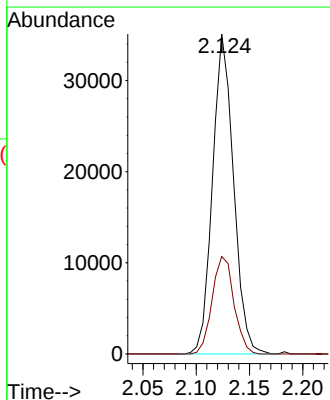
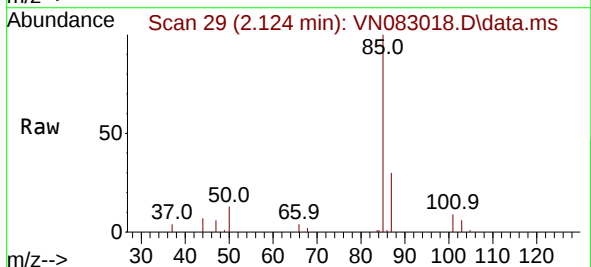
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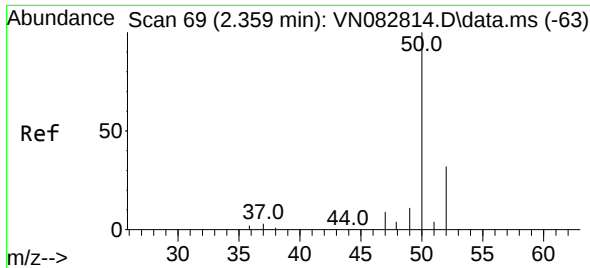
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#2
Dichlorodifluoromethane
Concen: 47.965 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

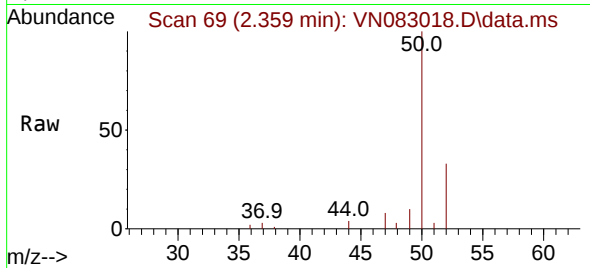
Tgt Ion: 85 Resp: 47986
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.0





#3
Chloromethane
Concen: 42.937 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

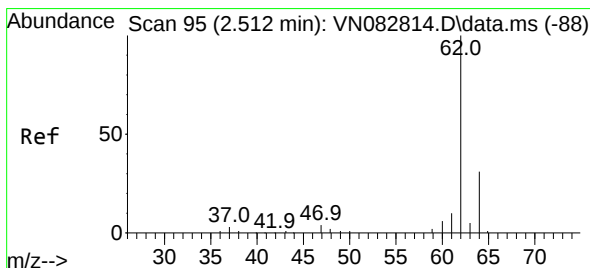
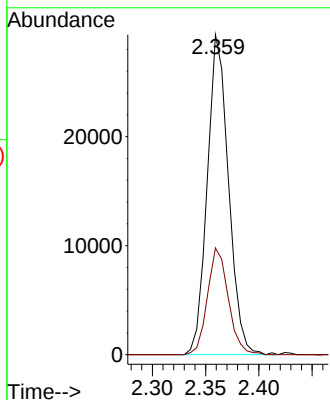
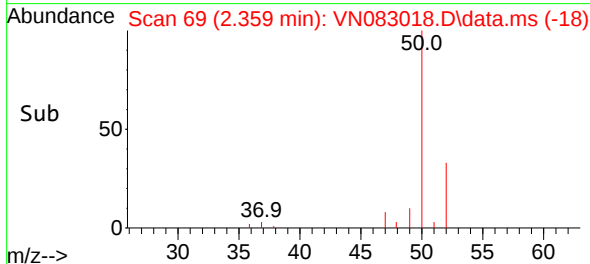
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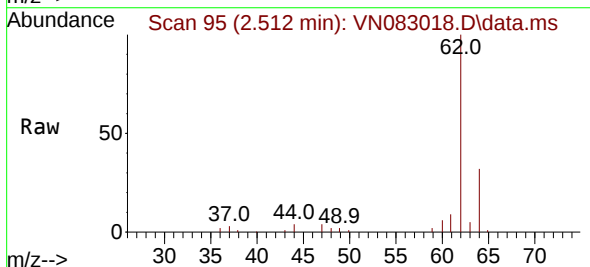
Tgt Ion: 50 Resp: 4073
Ion Ratio Lower Upper
50 100
52 33.3 25.0 37.4

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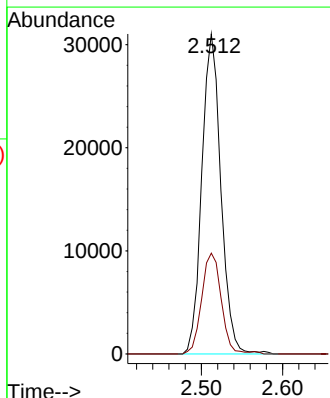
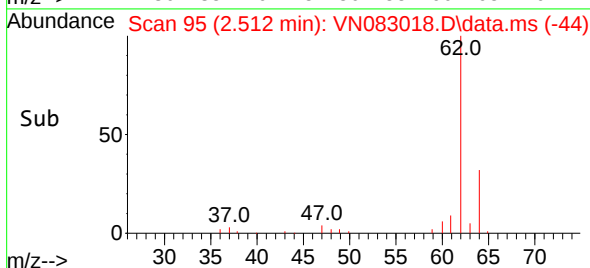
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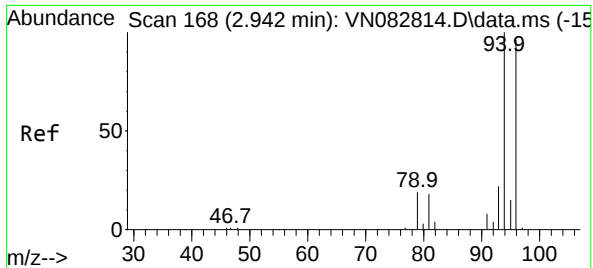


#4
Vinyl Chloride
Concen: 50.681 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



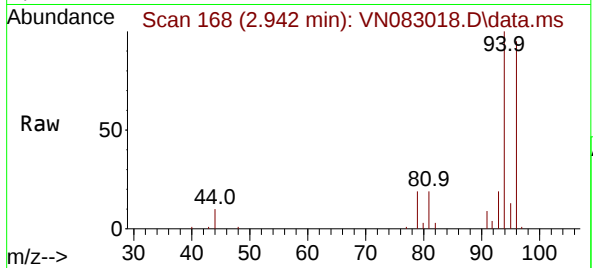
Tgt Ion: 62 Resp: 50500
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.6





#5
Bromomethane
Concen: 47.623 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

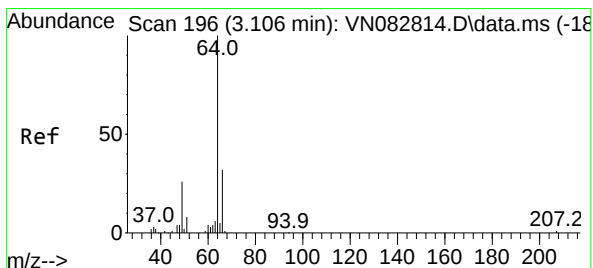
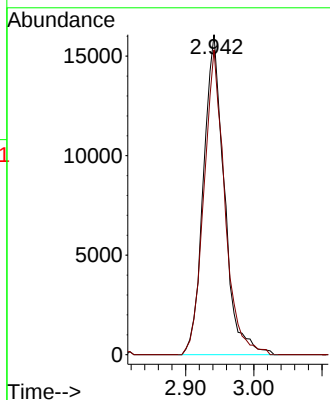
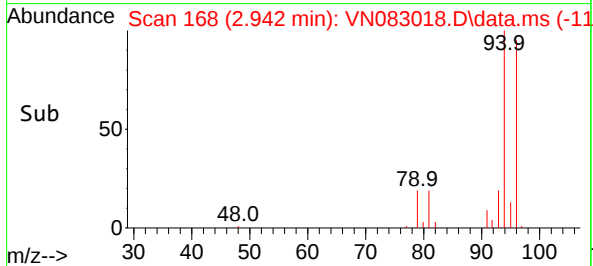
Instrument :
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Tgt Ion: 94 Resp: 34214
Ion Ratio Lower Upper
94 100
96 95.3 78.0 117.0

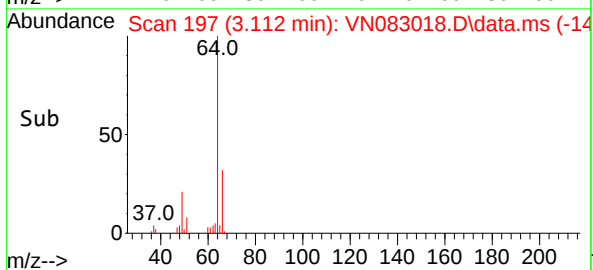
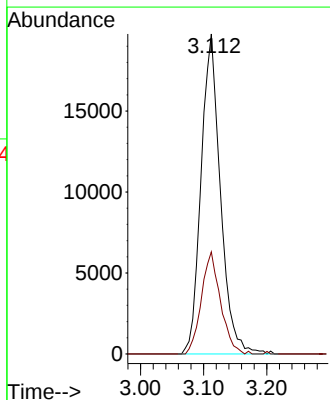
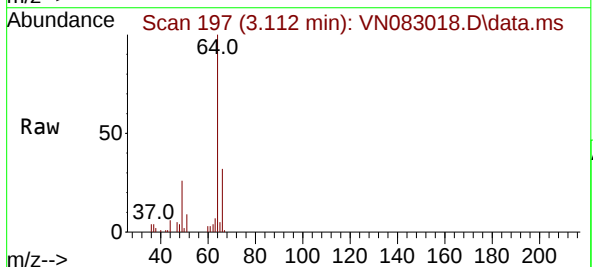
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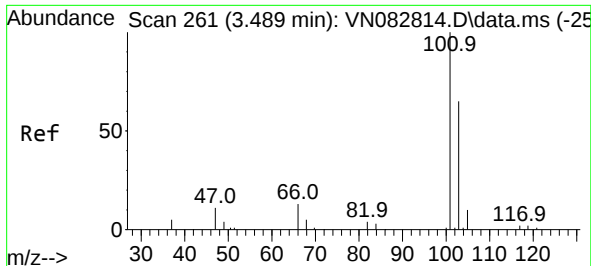
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#6
Chloroethane
Concen: 61.728 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

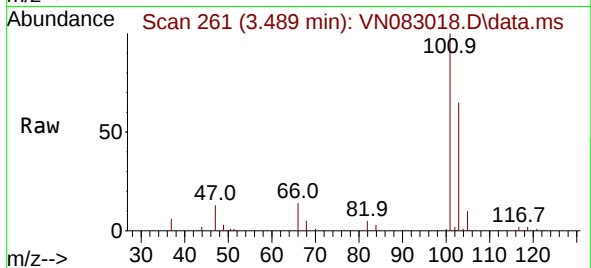
Tgt Ion: 64 Resp: 42091
Ion Ratio Lower Upper
64 100
66 31.9 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 52.752 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.005 min
 Lab File: VN083018.D
 Acq: 23 Jul 2024 18:00

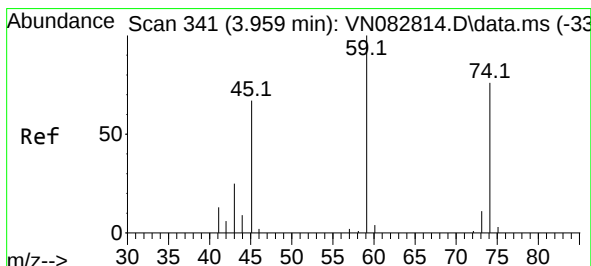
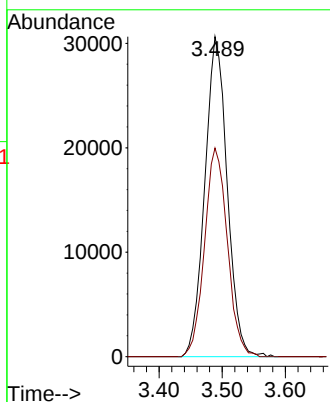
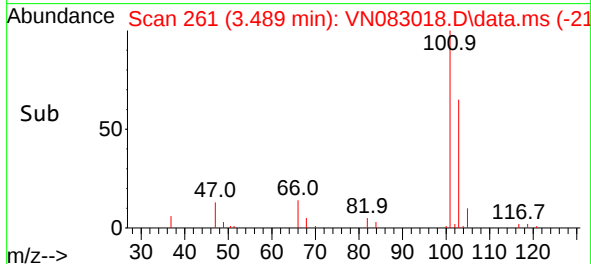
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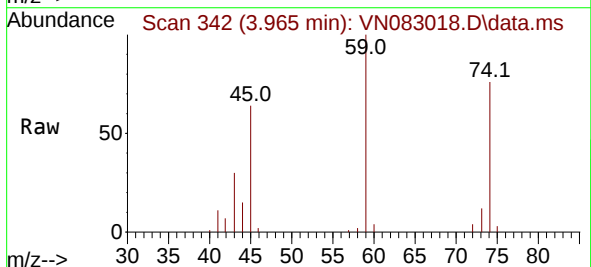
Tgt Ion:101 Resp: 7560
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.7 79.1

Manual Integrations
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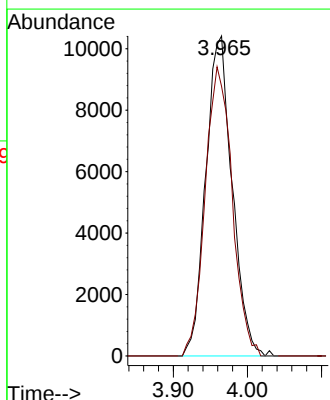
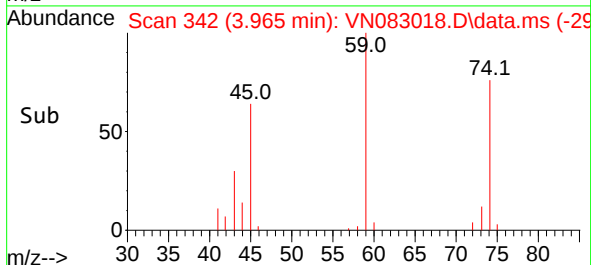
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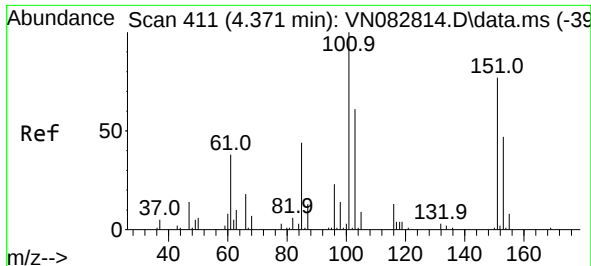


#8
 Diethyl Ether
 Concen: 52.603 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN083018.D
 Acq: 23 Jul 2024 18:00



Tgt Ion: 74 Resp: 25801
 Ion Ratio Lower Upper
 74 100
 45 92.4 55.5 166.3





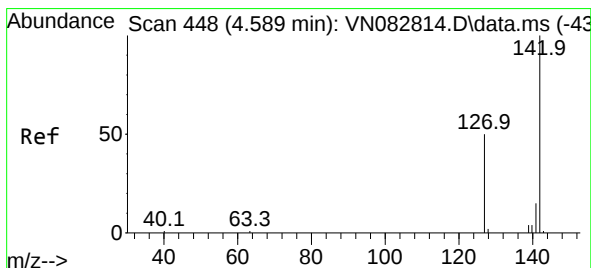
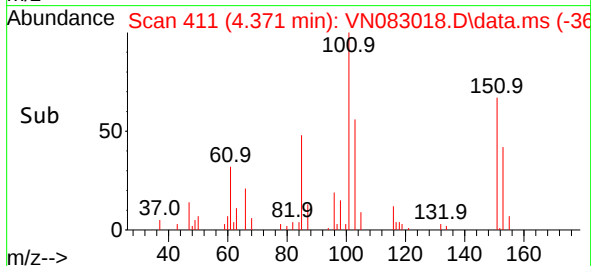
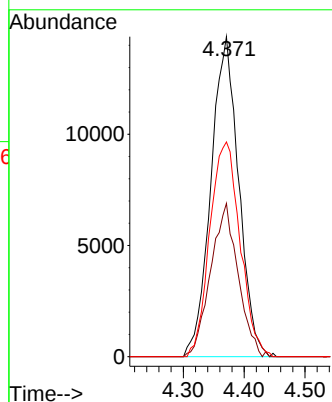
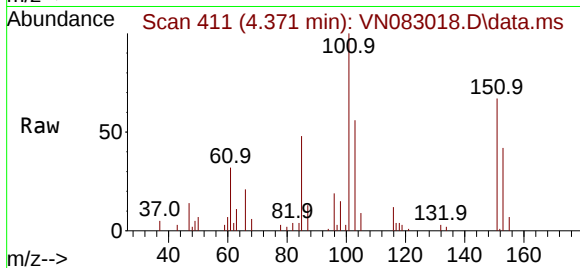
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.223 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 45604
Ion Ratio Lower Upper
101 100
85 47.3 38.3 57.5
151 73.0 59.3 88.9

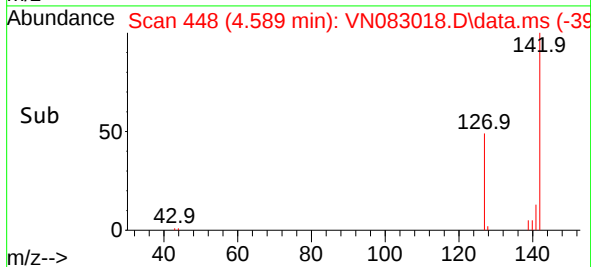
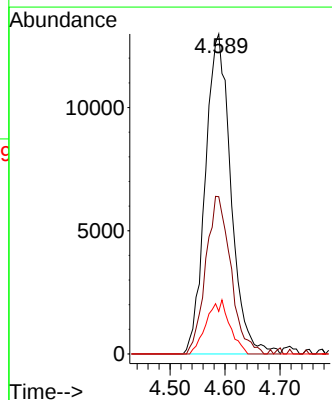
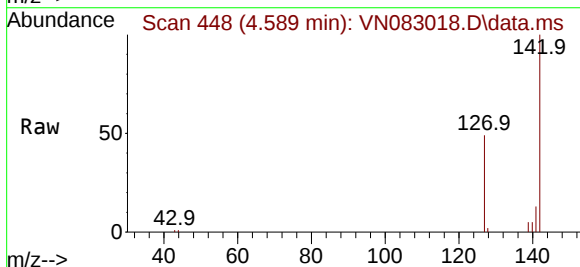
Manual Integrations
APPROVED

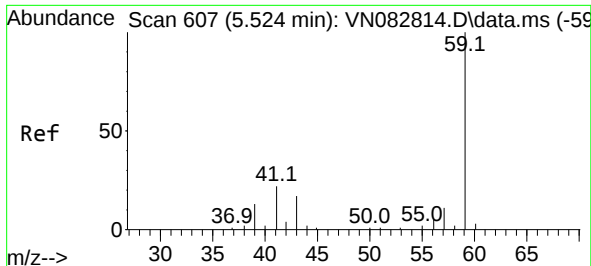
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#10
Methyl Iodide
Concen: 50.368 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Tgt Ion:142 Resp: 41886
Ion Ratio Lower Upper
142 100
127 49.1 37.5 56.3
141 13.3 13.1 19.7





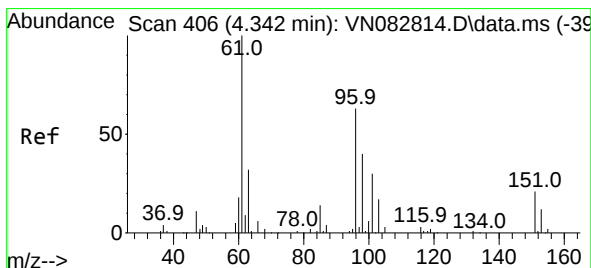
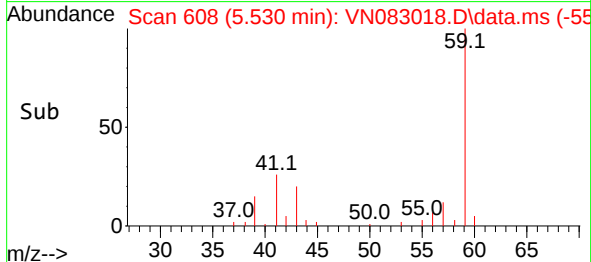
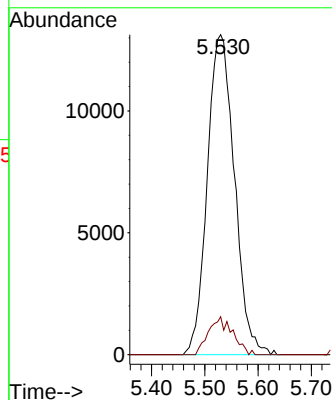
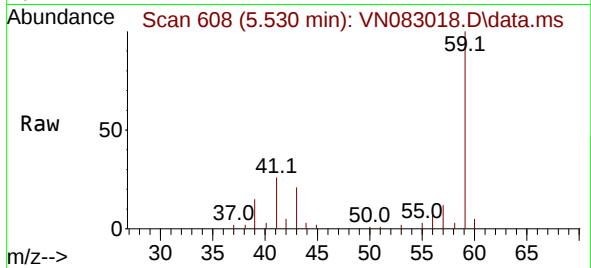
#11
Tert butyl alcohol
Concen: 255.297 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 4651
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

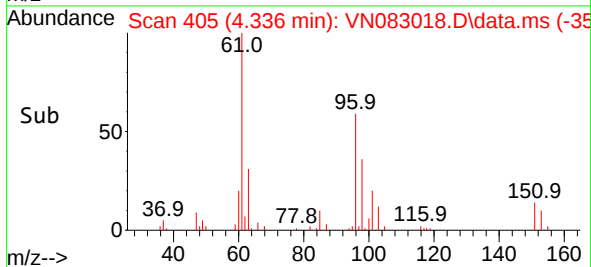
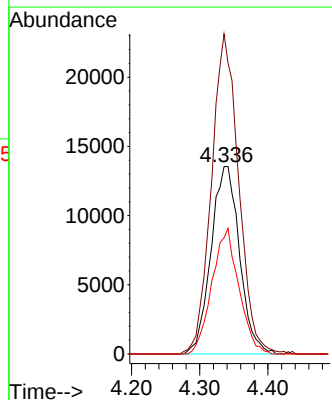
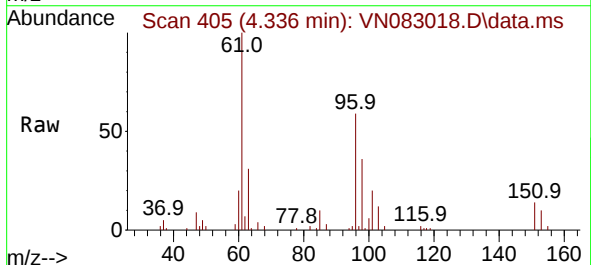
Manual Integrations
APPROVED

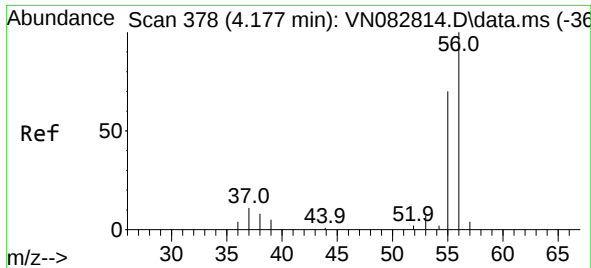
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#12
1,1-Dichloroethene
Concen: 49.940 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Tgt Ion: 96 Resp: 39395
Ion Ratio Lower Upper
96 100
61 170.8 149.7 224.5
98 62.1 50.1 75.1





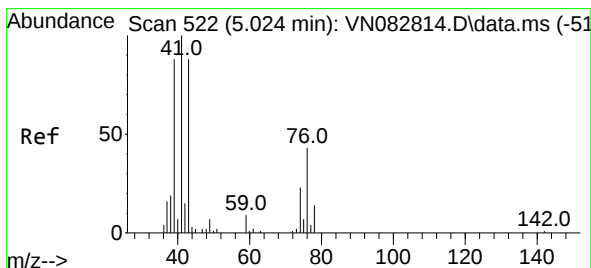
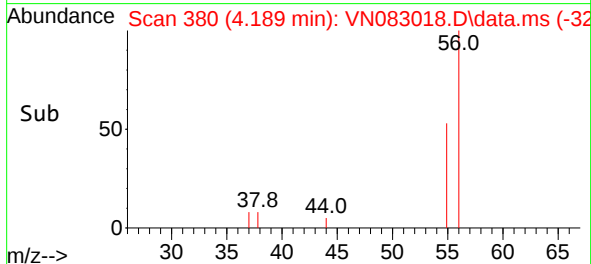
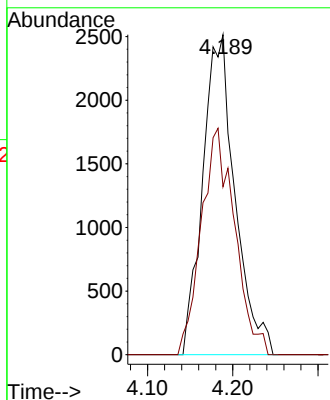
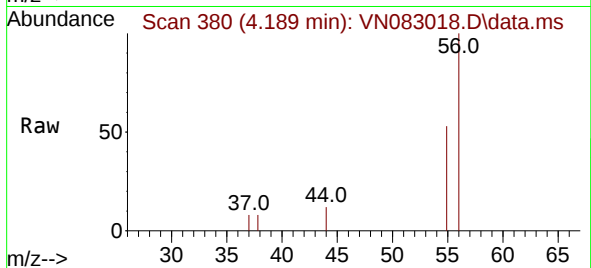
#13
Acrolein
Concen: 50.305 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 661
Ion Ratio Lower Upper
56 100
55 73.4 56.4 84.6

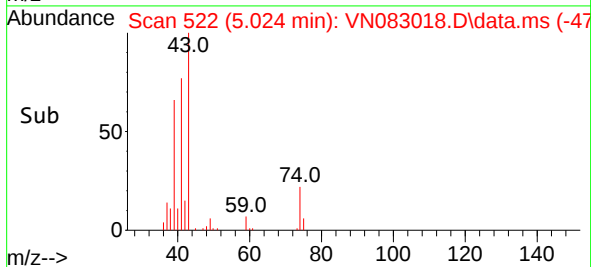
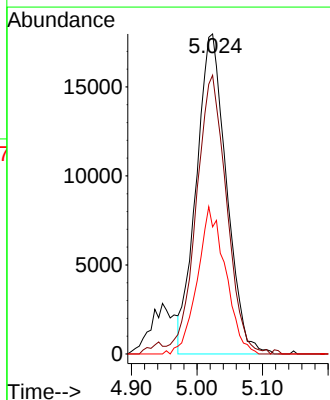
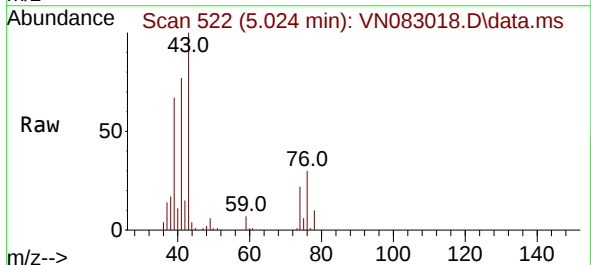
Manual Integrations
APPROVED

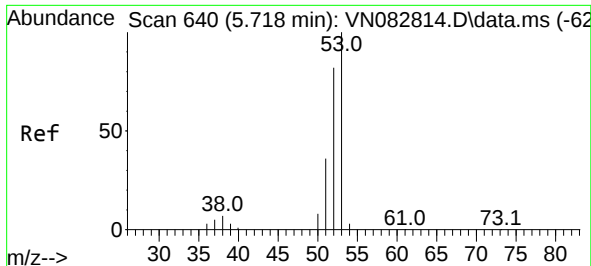
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#14
Allyl chloride
Concen: 46.741 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

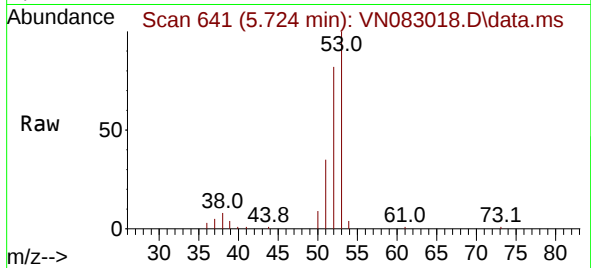
Tgt Ion: 41 Resp: 57489
Ion Ratio Lower Upper
41 100
39 87.4 67.8 101.6
76 42.9 25.8 38.8#





#15
Acrylonitrile
Concen: 296.002 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

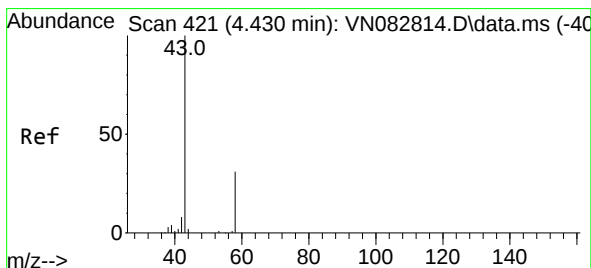
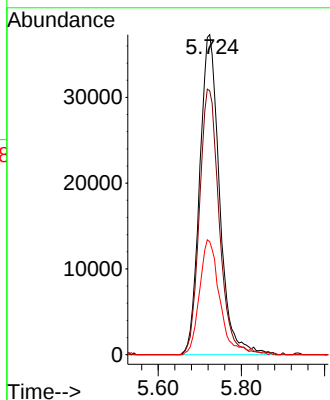
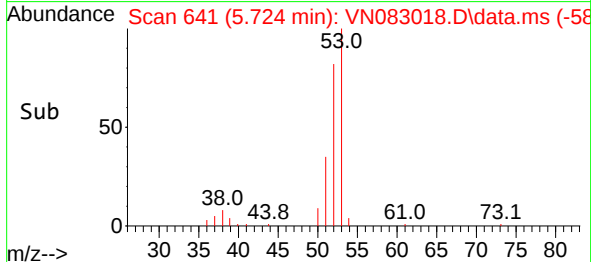
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 123938
Ion Ratio Lower Upper
53 100
52 82.4 66.6 100.0
51 36.9 30.1 45.1

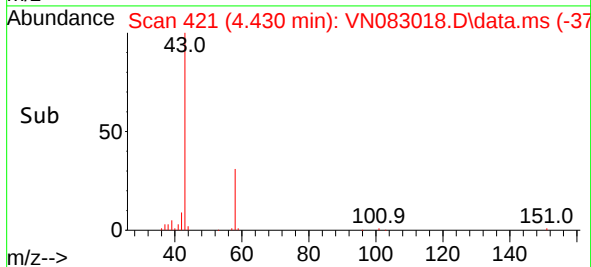
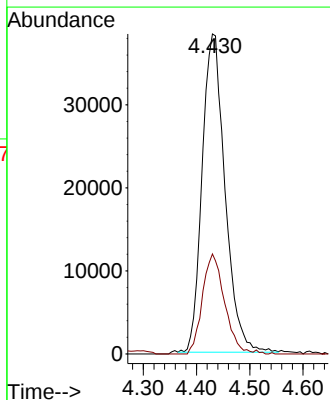
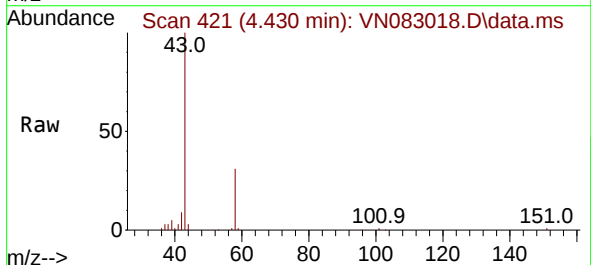
Manual Integrations
APPROVED

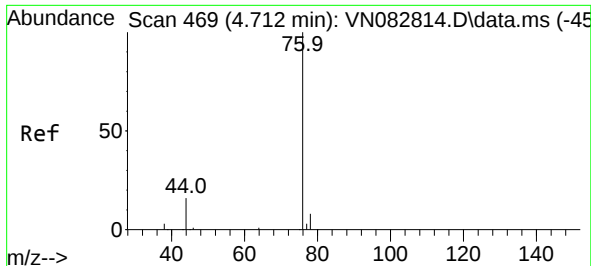
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#16
Acetone
Concen: 299.430 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

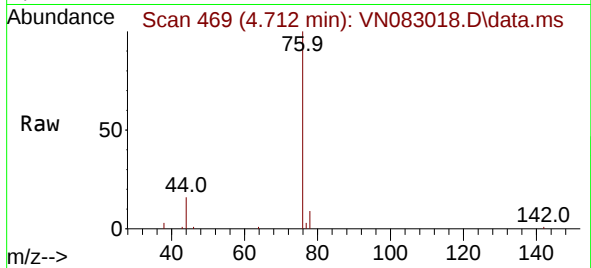
Tgt Ion: 43 Resp: 114195
Ion Ratio Lower Upper
43 100
58 31.4 21.8 32.6





#17
Carbon Disulfide
Concen: 42.324 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

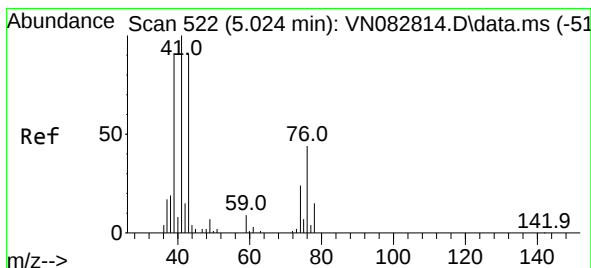
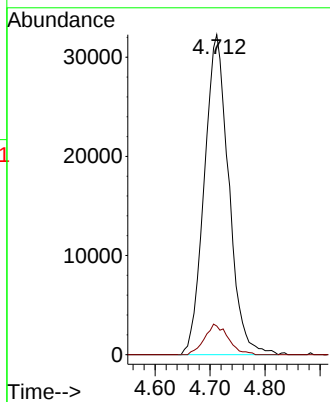
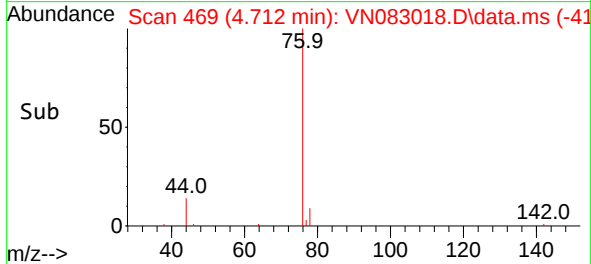
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 9976
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

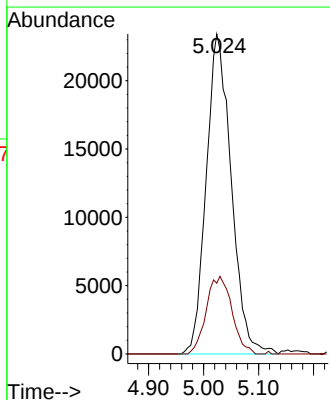
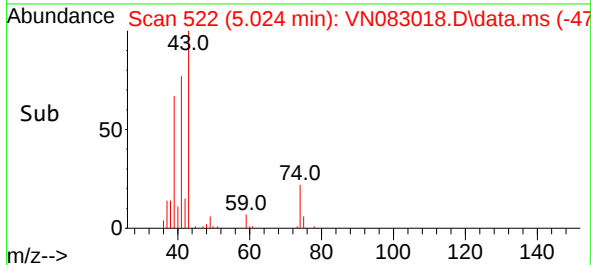
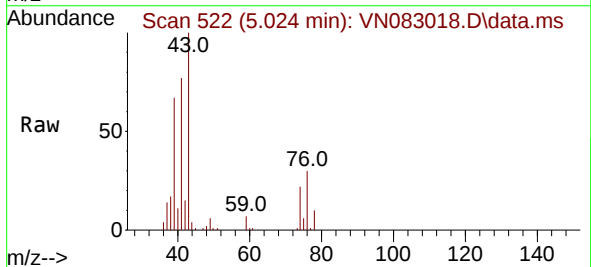
Manual Integrations
APPROVED

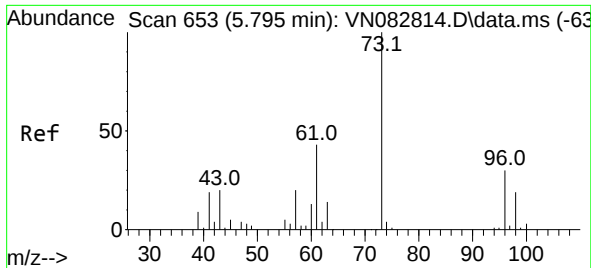
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#18
Methyl Acetate
Concen: 73.389 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Tgt Ion: 43 Resp: 74061
Ion Ratio Lower Upper
43 100
74 24.8 16.3 24.5#





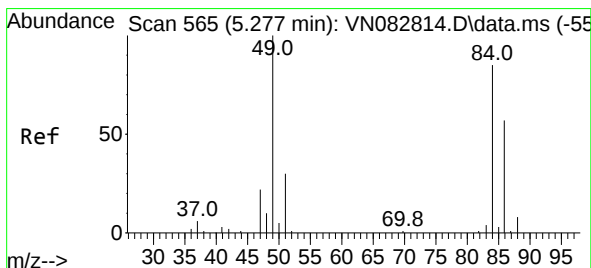
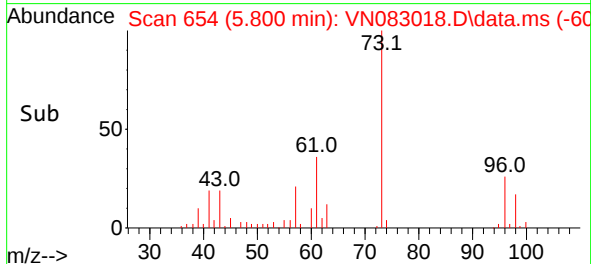
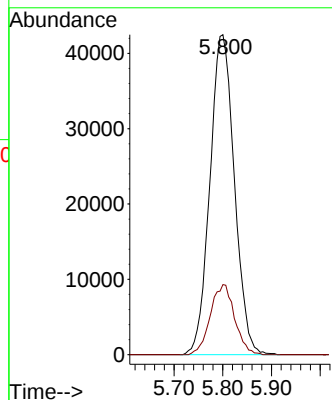
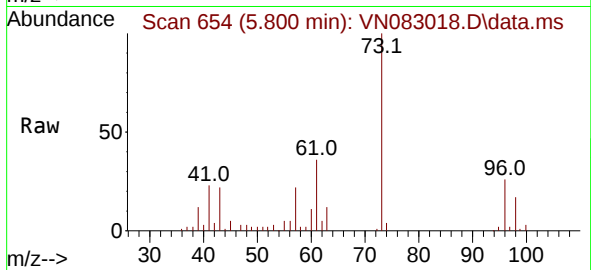
#19
Methyl tert-butyl Ether
Concen: 54.487 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 148264
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9

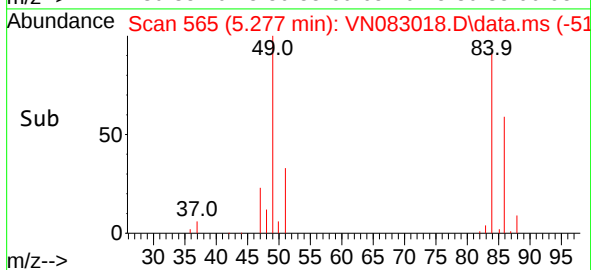
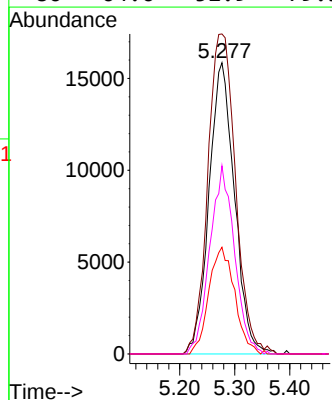
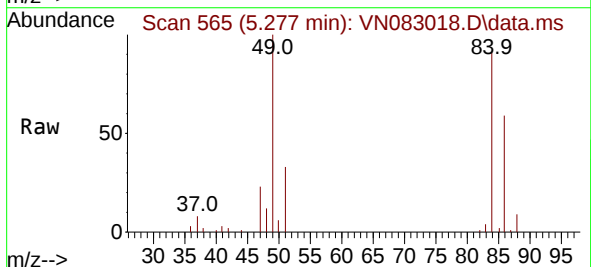
Manual Integrations
APPROVED

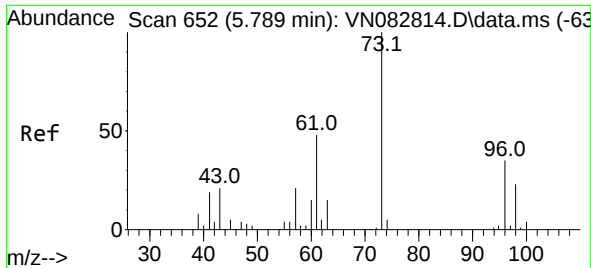
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#20
Methylene Chloride
Concen: 55.541 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

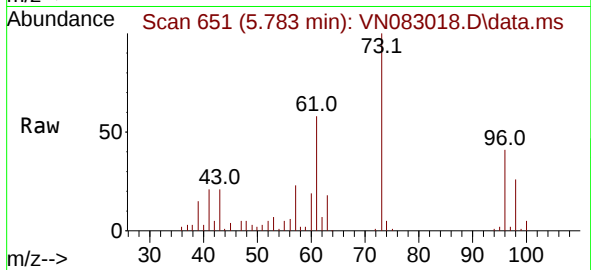
Tgt Ion: 84 Resp: 51155
Ion Ratio Lower Upper
84 100
49 109.9 119.6 179.4#
51 36.7 34.8 52.2
86 64.6 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 50.875 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

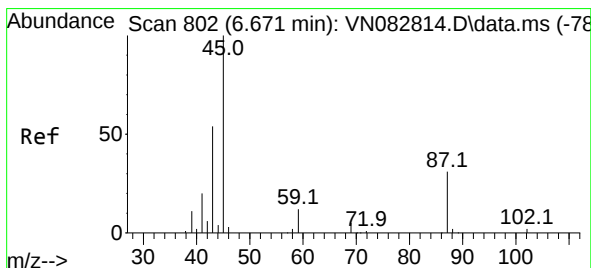
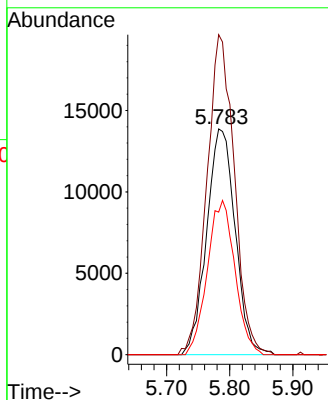
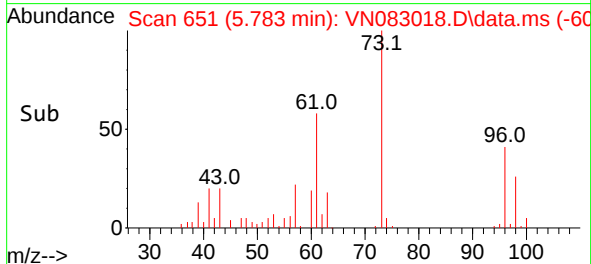
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 4348
Ion Ratio Lower Upper
96 100
61 141.8 123.4 185.2
98 63.1 49.3 73.9

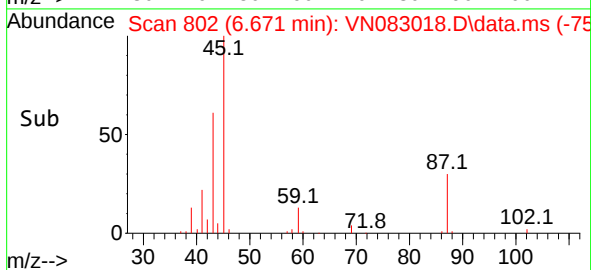
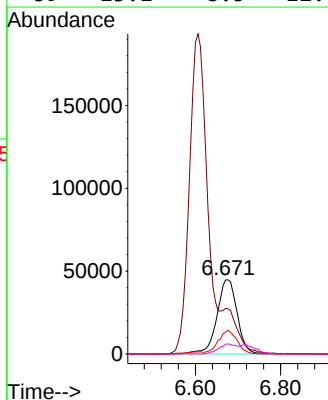
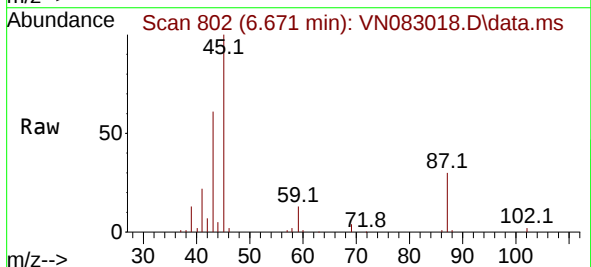
Manual Integrations
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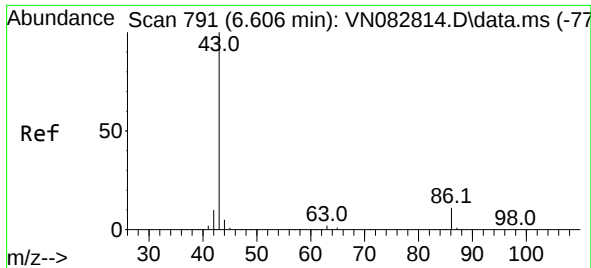
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#22
Diisopropyl ether
Concen: 57.480 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Tgt Ion: 45 Resp: 147907
Ion Ratio Lower Upper
45 100
43 60.7 44.0 66.0
87 29.7 19.7 29.5#
59 13.1 8.5 12.7#





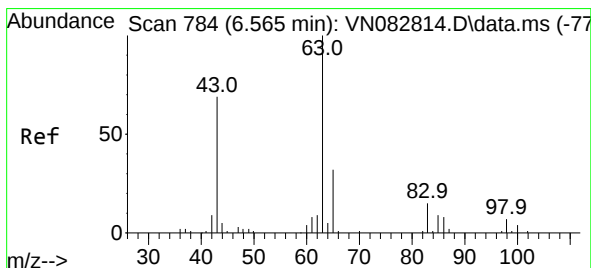
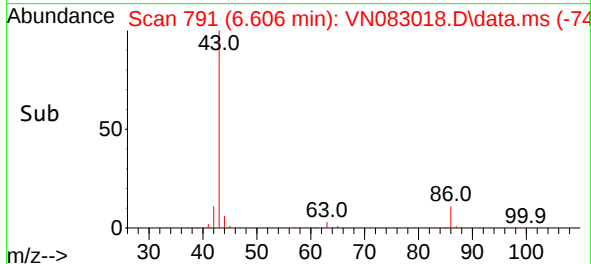
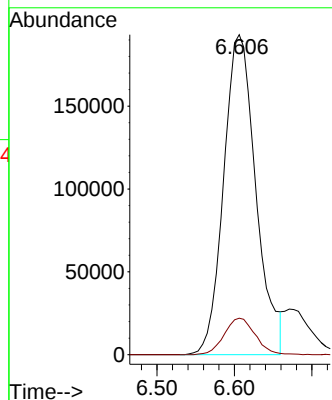
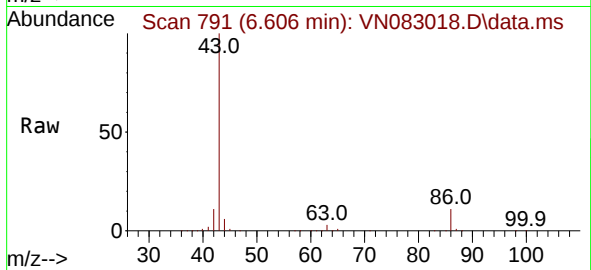
#23
 Vinyl Acetate
 Concen: 274.009 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN083018.D
 Acq: 23 Jul 2024 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 559924
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.3 10.9

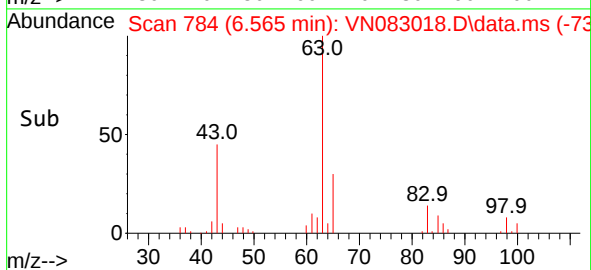
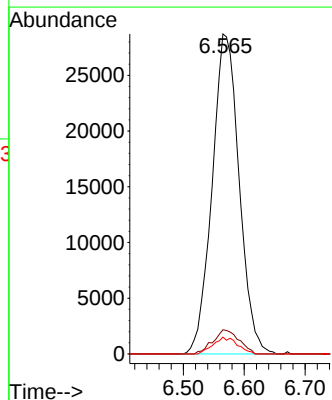
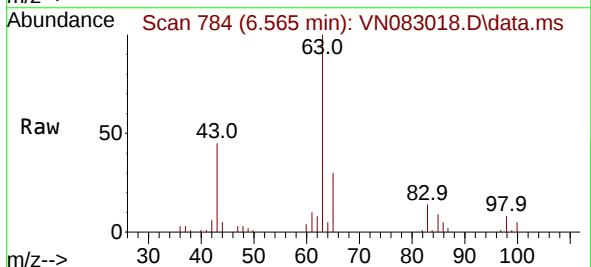
Manual Integrations
 APPROVED

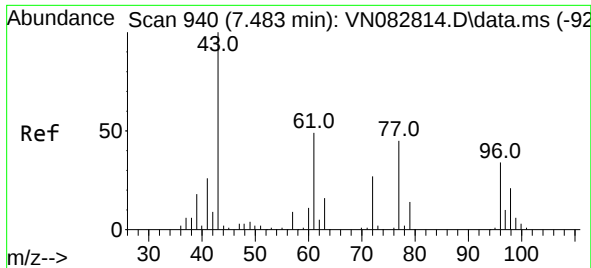
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#24
 1,1-Dichloroethane
 Concen: 56.745 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083018.D
 Acq: 23 Jul 2024 18:00

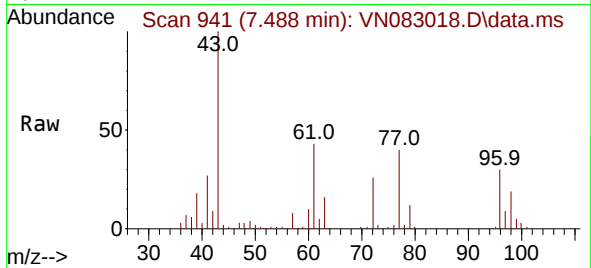
Tgt Ion: 63 Resp: 88570
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 5.3 2.0 6.0





#25
2-Butanone
Concen: 300.828 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

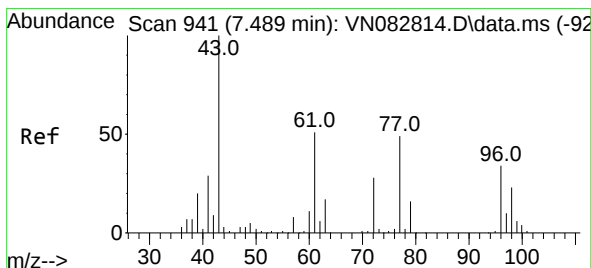
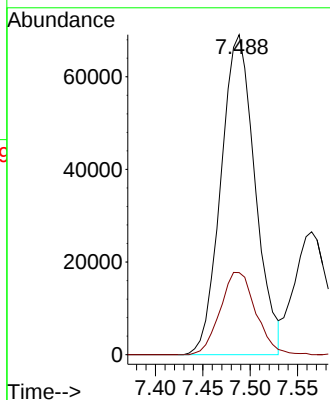
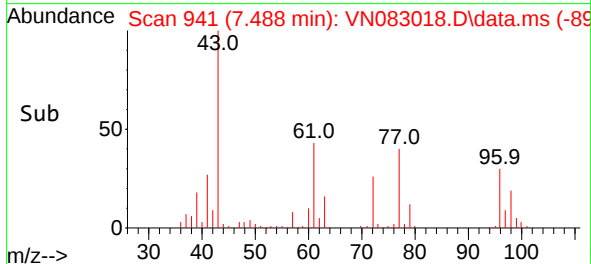
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



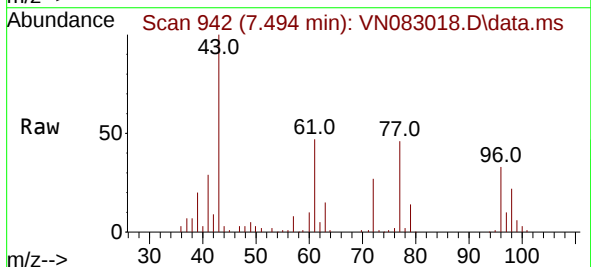
Tgt Ion: 43 Resp: 173234
Ion Ratio Lower Upper
43 100
72 25.6 18.2 27.2

Manual Integrations
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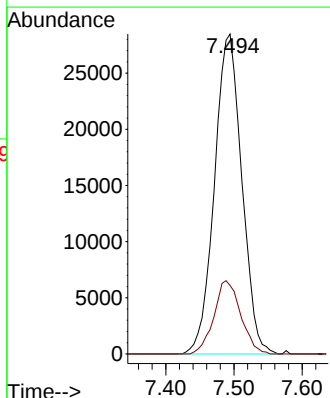
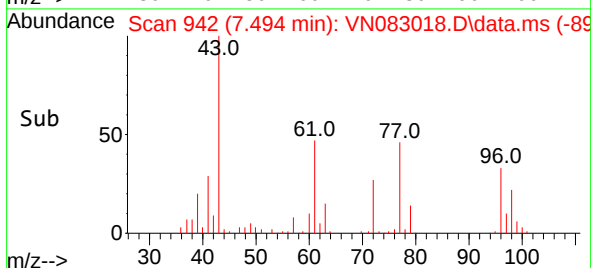
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

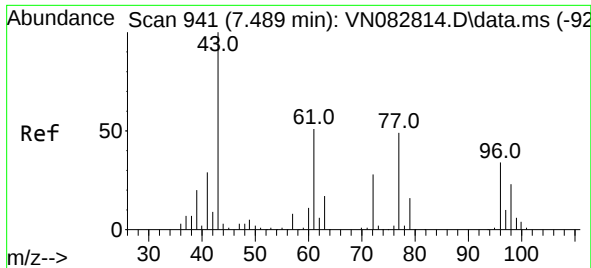


#26
2,2-Dichloropropane
Concen: 54.777 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



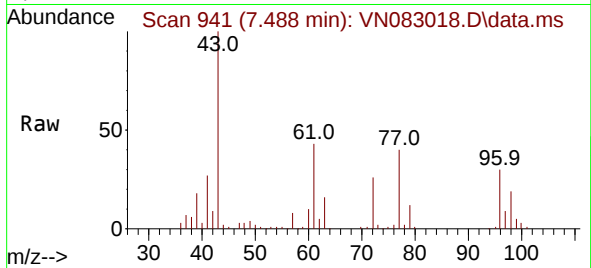
Tgt Ion: 77 Resp: 79493
Ion Ratio Lower Upper
77 100
97 22.4 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 54.049 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083018.D
 Acq: 23 Jul 2024 18:00

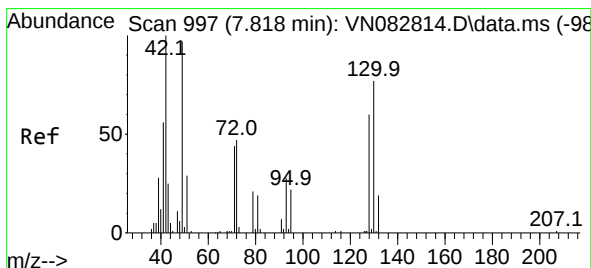
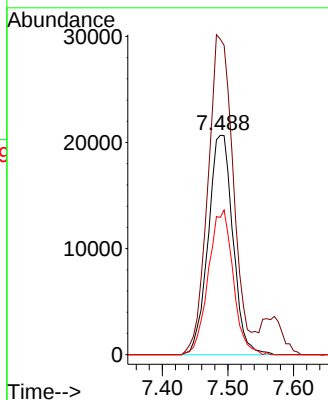
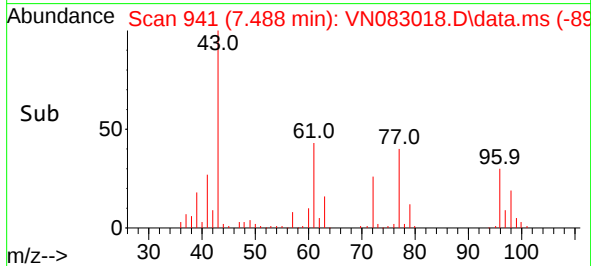
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



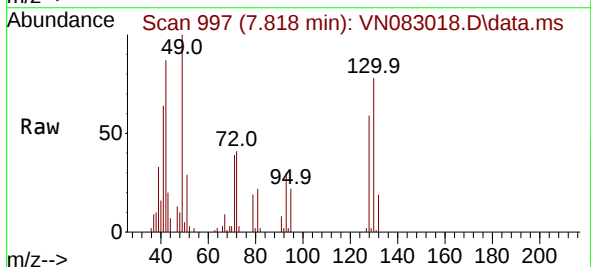
Tgt Ion: 96 Resp: 54080
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 329.6
 98 66.1 0.0 128.6

Manual Integrations
 APPROVED

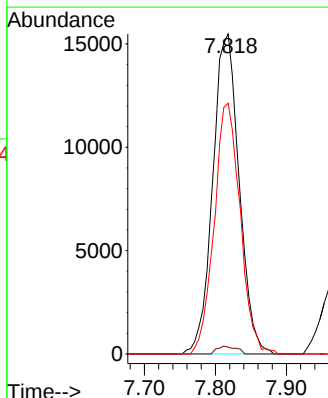
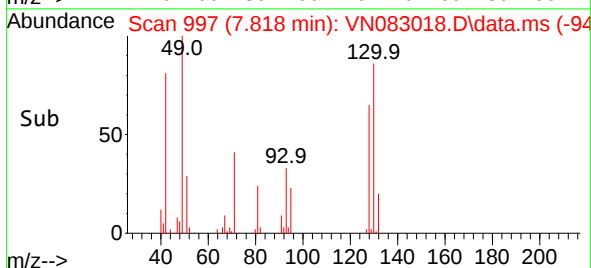
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

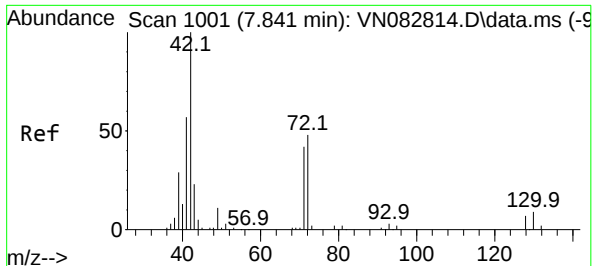


#28
 Bromochloromethane
 Concen: 59.601 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083018.D
 Acq: 23 Jul 2024 18:00



Tgt Ion: 49 Resp: 39908
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 77.0 50.5 75.7#





#29

Tetrahydrofuran

Concen: 300.619 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 108984

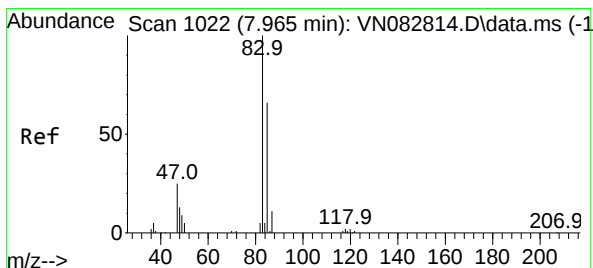
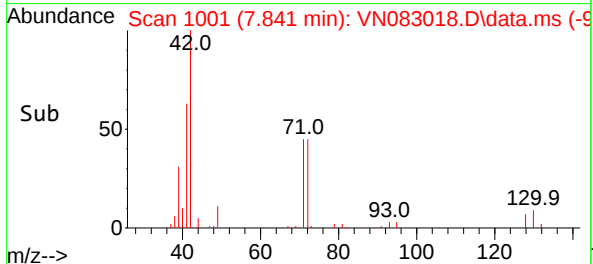
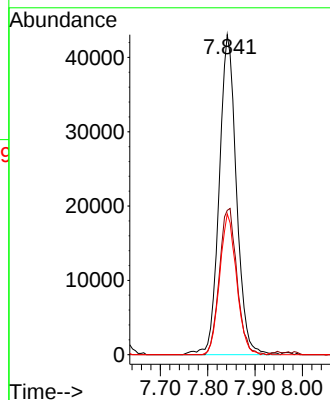
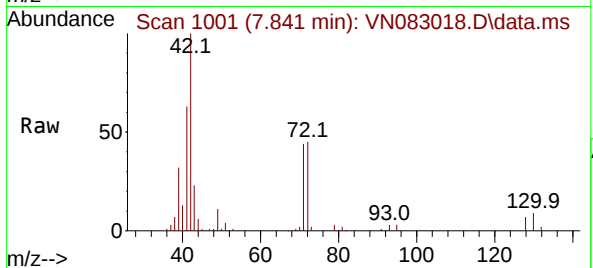
Ion	Ratio	Lower	Upper
42	100		
72	46.7	30.0	45.0
71	43.1	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#30

Chloroform

Concen: 59.175 ug/l

RT: 7.971 min Scan# 1023

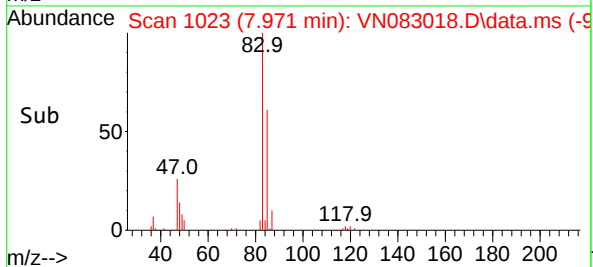
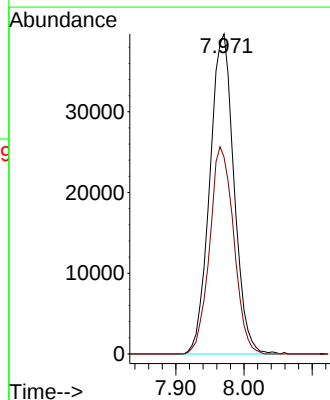
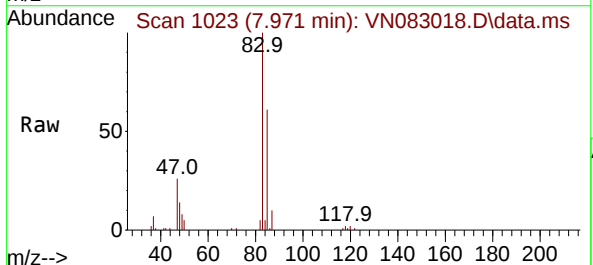
Delta R.T. 0.006 min

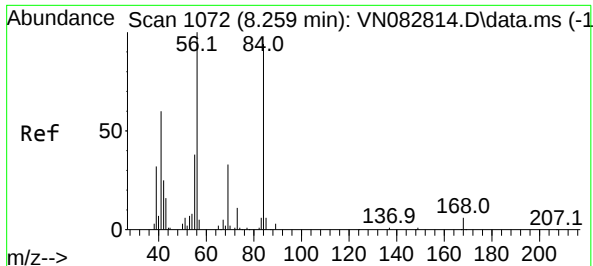
Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

Tgt Ion: 83 Resp: 97984

Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.9	76.3





#31

Cyclohexane

Concen: 46.123 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 65319

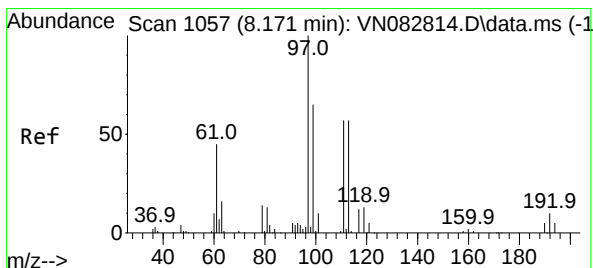
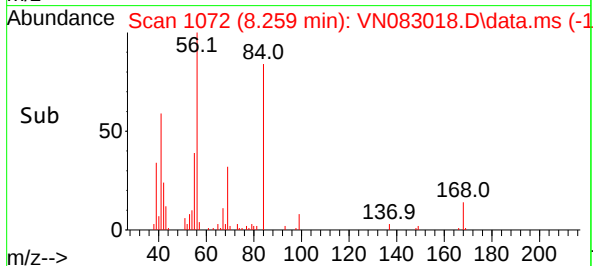
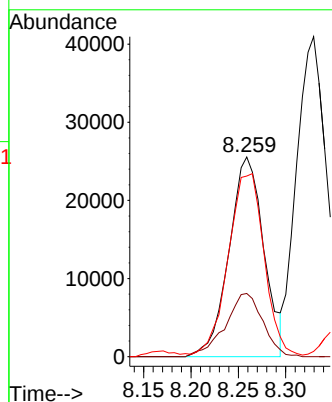
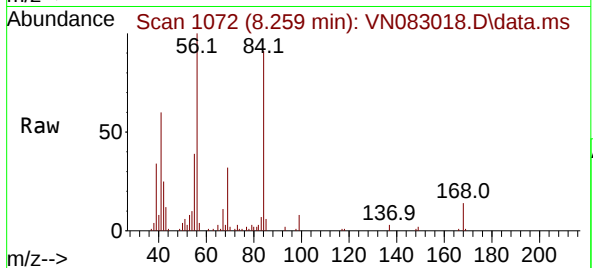
Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.5	36.7
84	89.3	66.0	99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#32

1,1,1-Trichloroethane

Concen: 57.382 ug/l

RT: 8.171 min Scan# 1057

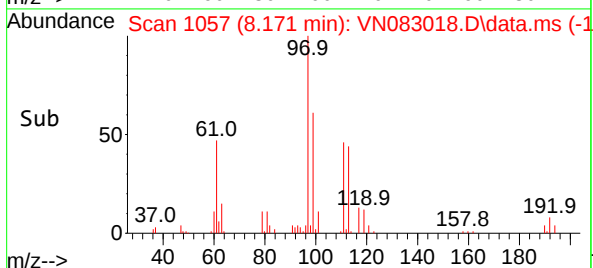
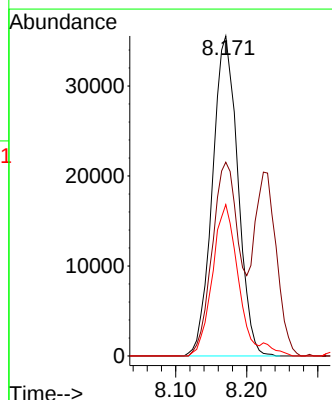
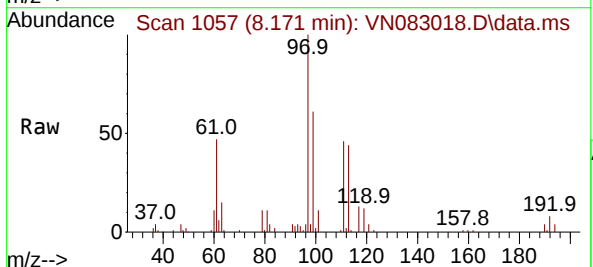
Delta R.T. -0.000 min

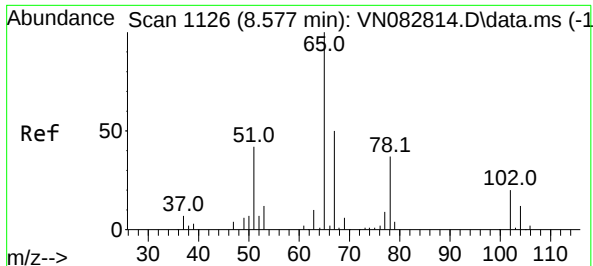
Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

Tgt Ion: 97 Resp: 88218

Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	47.1	42.1	63.1





#33

1,2-Dichloroethane-d4

Concen: 45.978 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 49804

Ion Ratio Lower Upper

65 100

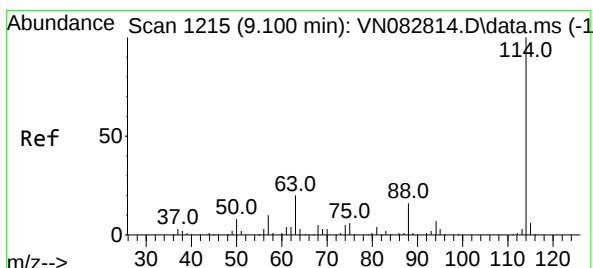
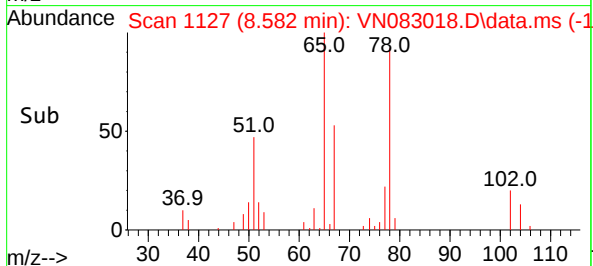
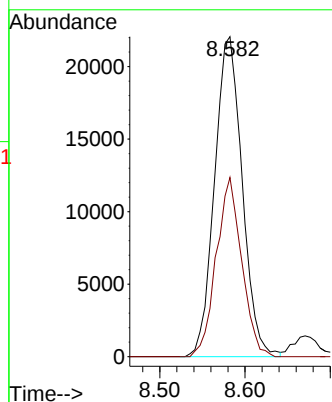
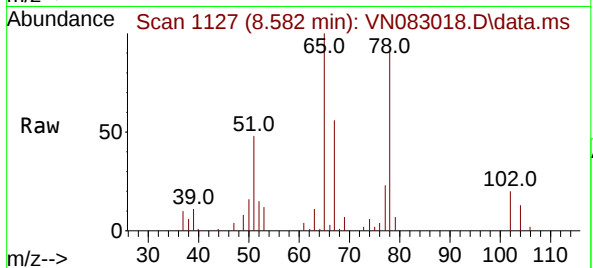
67 51.5 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

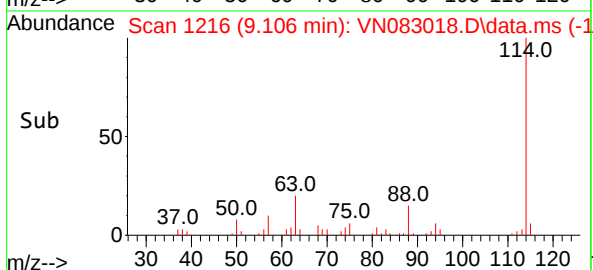
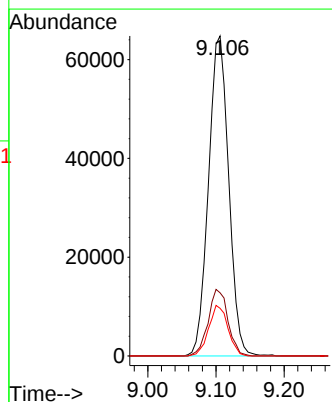
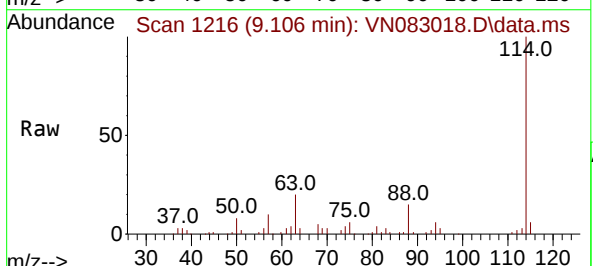
Tgt Ion:114 Resp: 133551

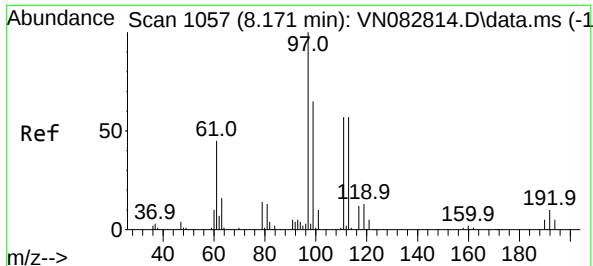
Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.6

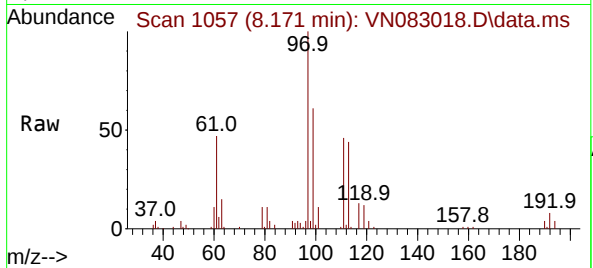
88 14.9 0.0 31.4





#35
Dibromofluoromethane
Concen: 45.372 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

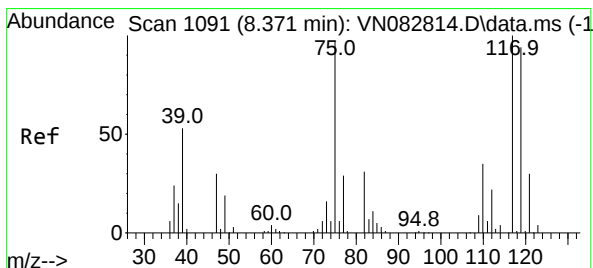
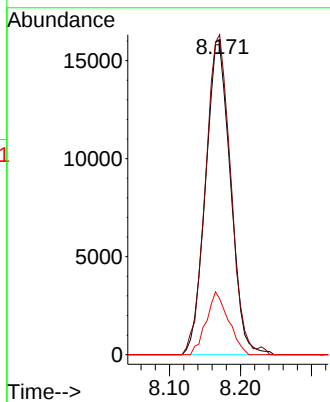
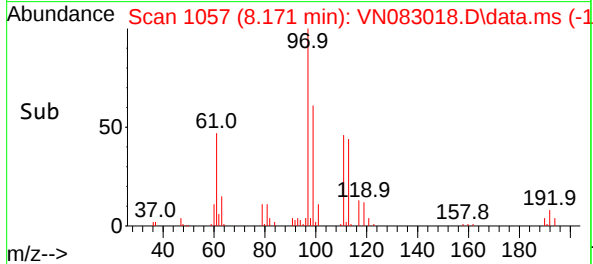
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



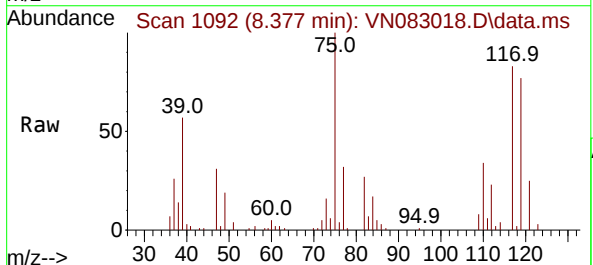
Tgt Ion:113 Resp: 3888
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 17.9 14.9 22.3

Manual Integrations
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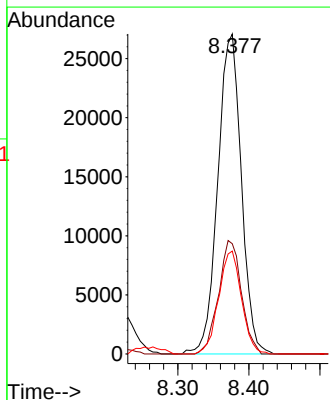
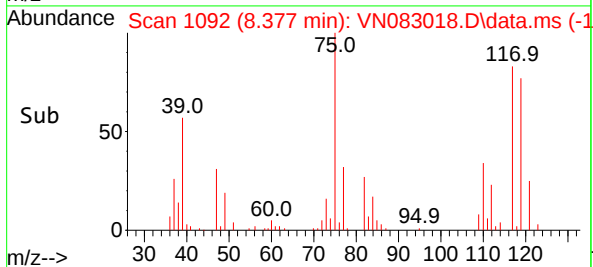
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

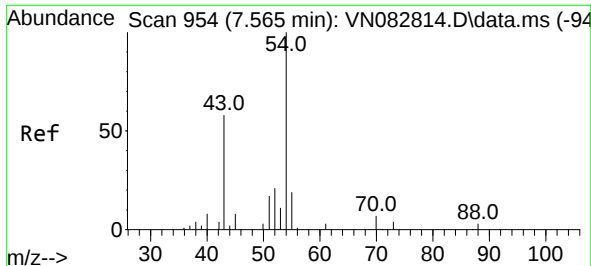


#36
1,1-Dichloropropene
Concen: 52.671 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.005 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



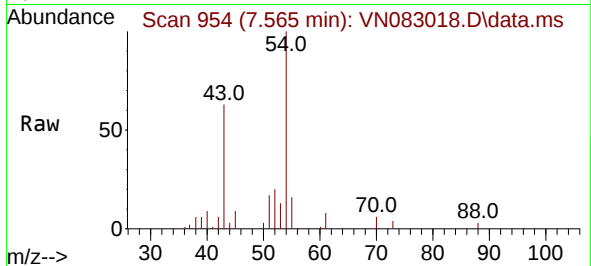
Tgt Ion: 75 Resp: 62232
Ion Ratio Lower Upper
75 100
110 34.5 16.3 48.9
77 31.2 24.6 37.0





#37
Ethyl Acetate
Concen: 56.358 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

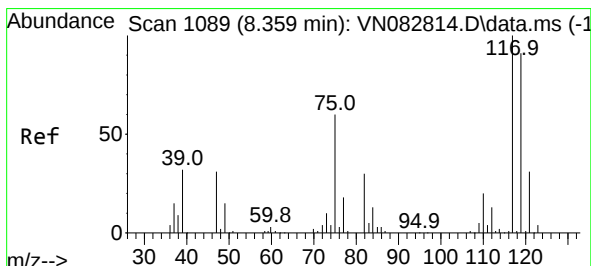
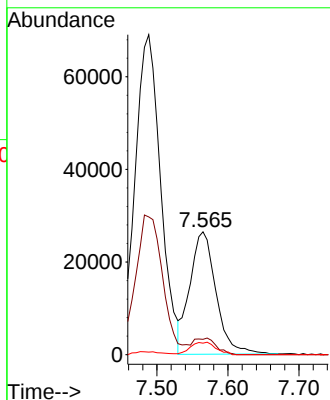
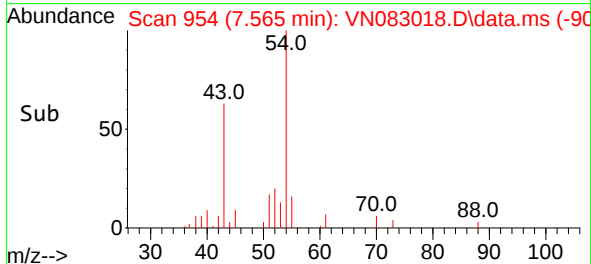
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



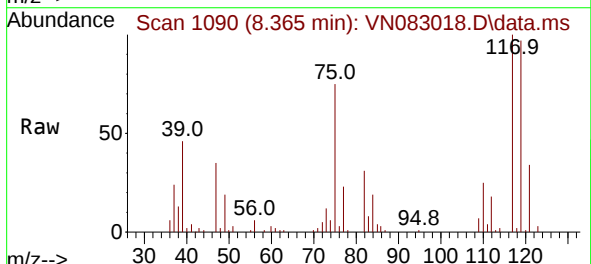
Tgt Ion: 43 Resp: 67794
Ion Ratio Lower Upper
43 100
61 11.2 9.3 13.9
70 9.9 7.0 10.6

Manual Integrations
APPROVED

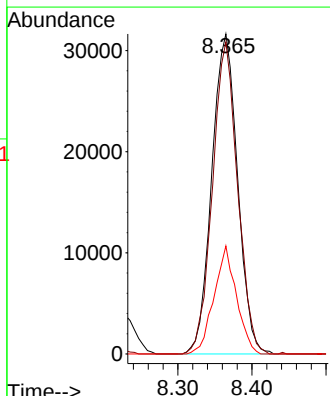
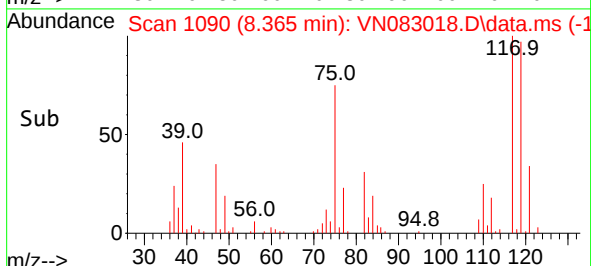
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

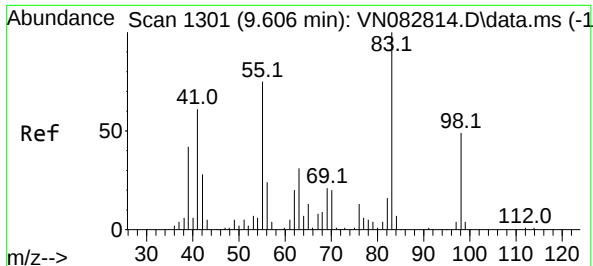


#38
Carbon Tetrachloride
Concen: 53.737 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



Tgt Ion:117 Resp: 76446
Ion Ratio Lower Upper
117 100
119 97.5 74.9 112.3
121 33.8 24.3 36.5





#39

Methylcyclohexane

Concen: 46.653 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

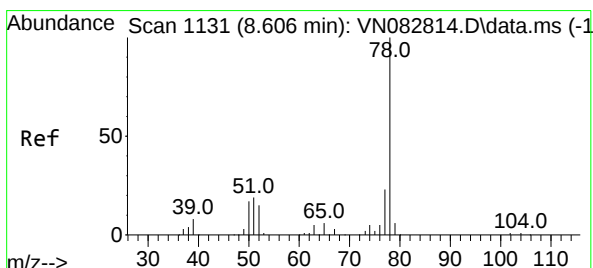
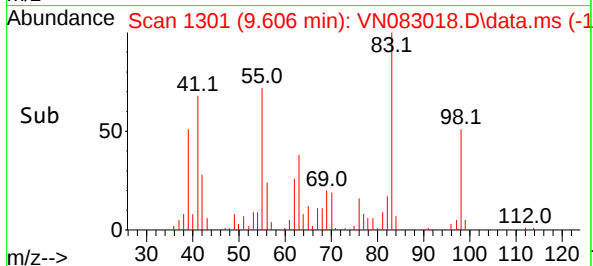
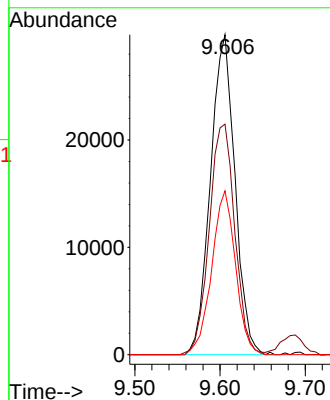
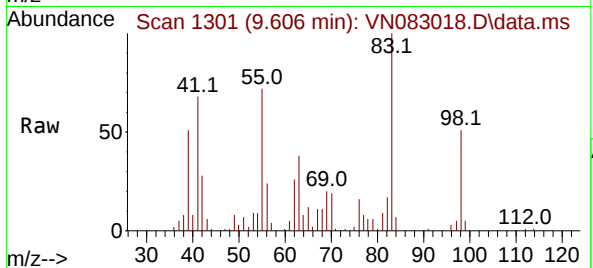
Tgt Ion: 83	Resp: 5954
Ion Ratio	Lower Upper
83	100
55	72.0 66.4 99.6
98	51.2 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#40

Benzene

Concen: 55.411 ug/l

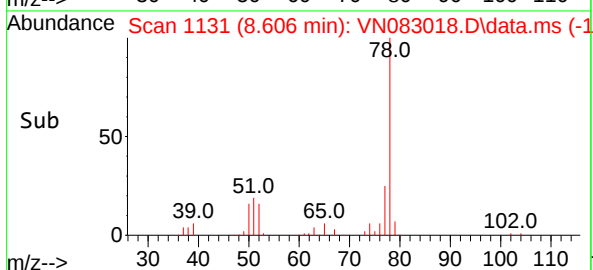
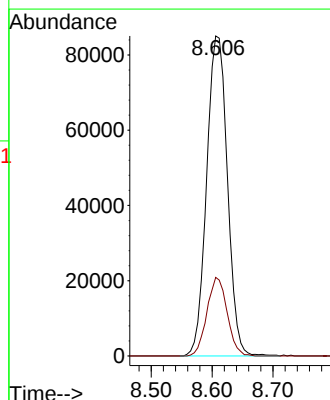
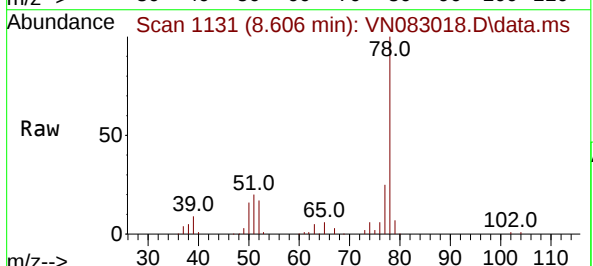
RT: 8.606 min Scan# 1131

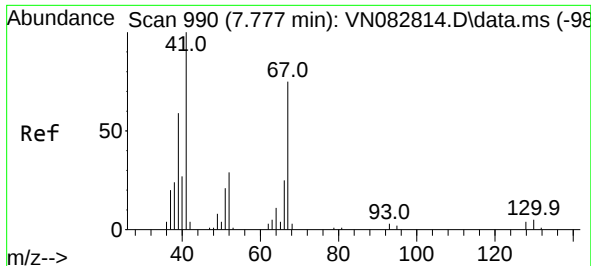
Delta R.T. -0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

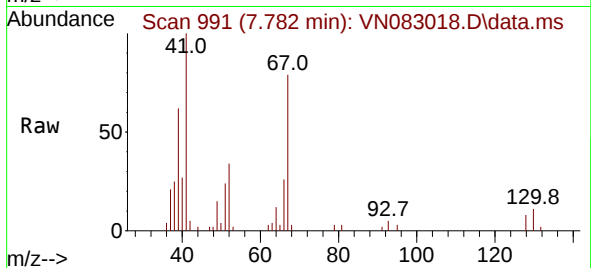
Tgt Ion: 78	Resp: 201387
Ion Ratio	Lower Upper
78	100
77	24.6 19.0 28.4





#41
Methacrylonitrile
Concen: 53.849 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

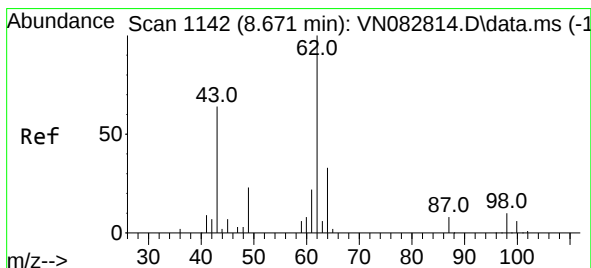
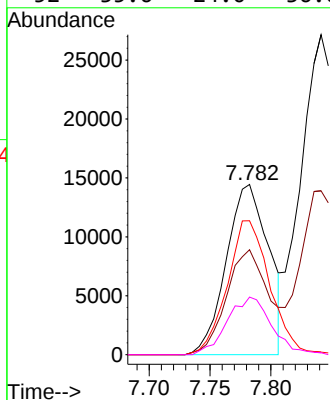
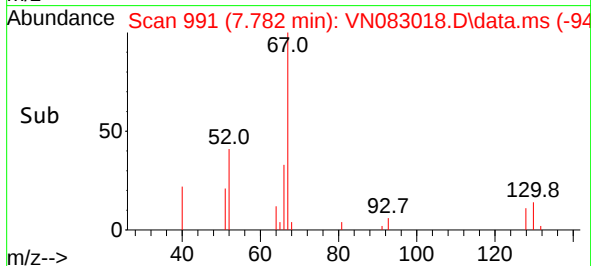
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 3489
Ion Ratio Lower Upper
41 100
39 64.1 45.5 68.3
67 79.4 50.5 75.7
52 35.6 24.0 36.0

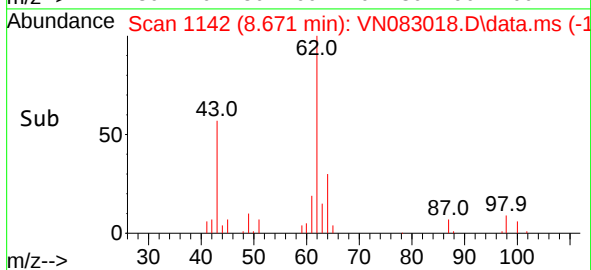
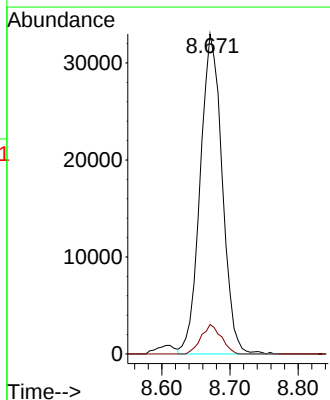
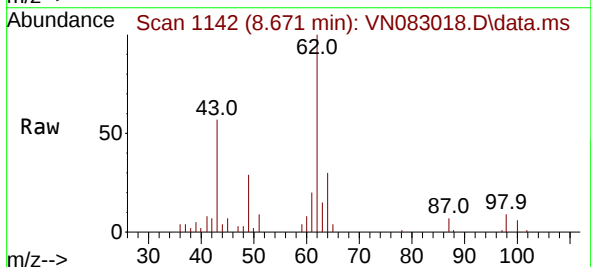
Manual Integrations
APPROVED

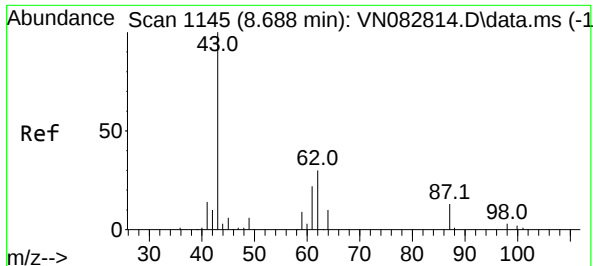
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#42
1,2-Dichloroethane
Concen: 56.515 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

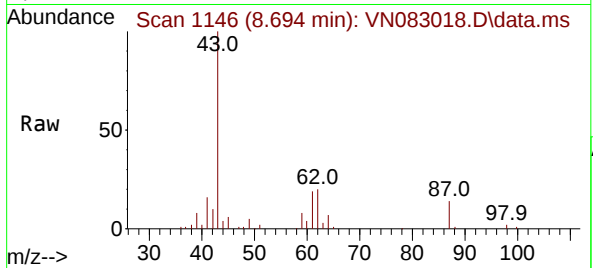
Tgt Ion: 62 Resp: 73944
Ion Ratio Lower Upper
62 100
98 8.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 55.711 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

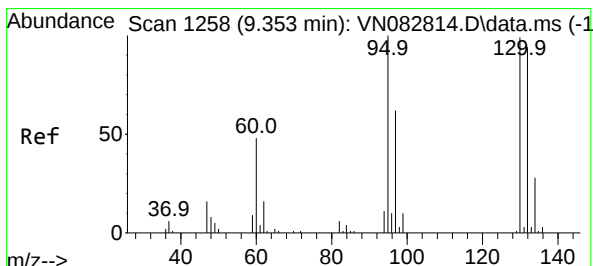
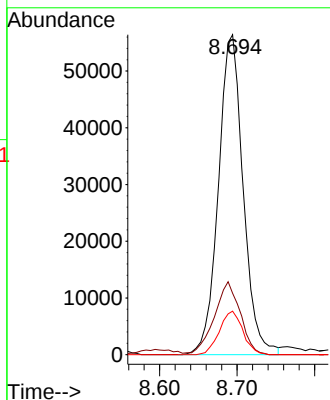
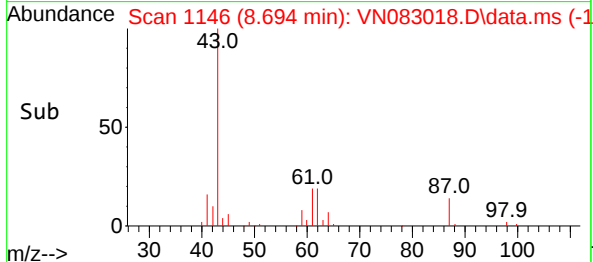
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 12559
Ion Ratio Lower Upper
43 100
61 23.9 17.8 26.6
87 12.9 8.2 12.2

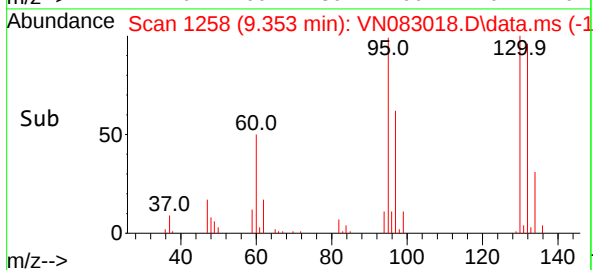
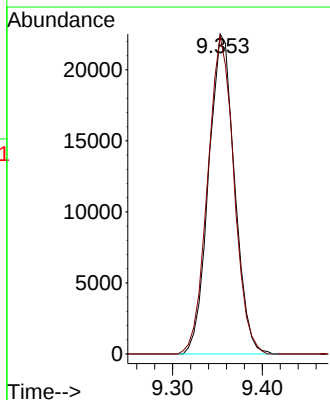
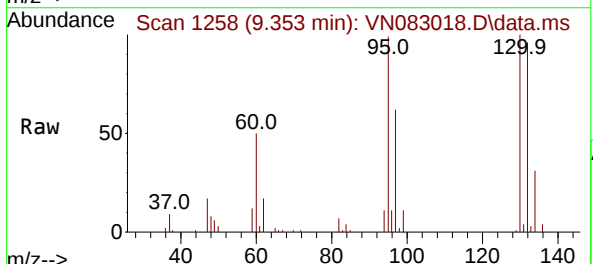
Manual Integrations
APPROVED

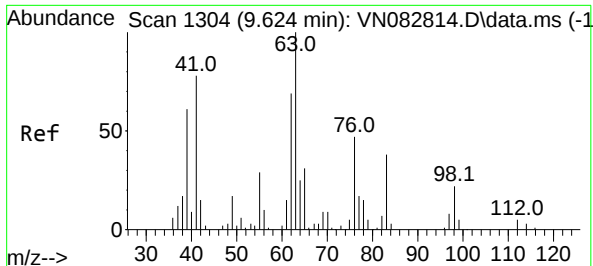
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#44
Trichloroethene
Concen: 48.538 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Tgt Ion:130 Resp: 45195
Ion Ratio Lower Upper
130 100
95 99.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 60.032 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5093

Ion Ratio Lower Upper

63 100

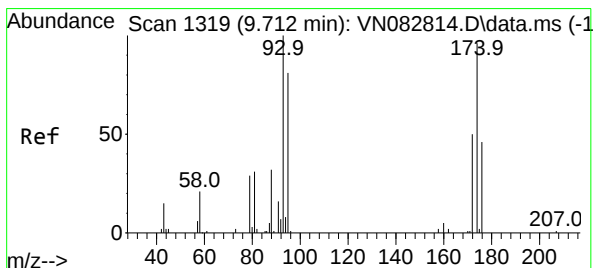
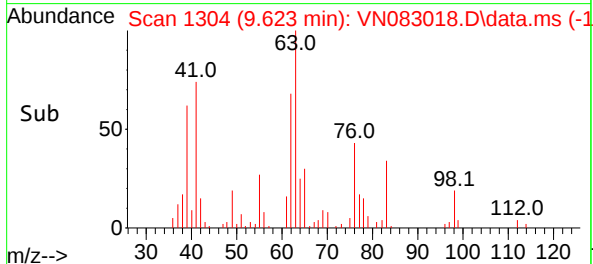
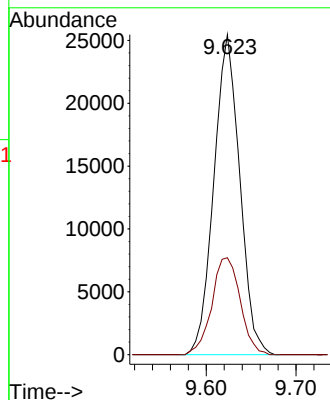
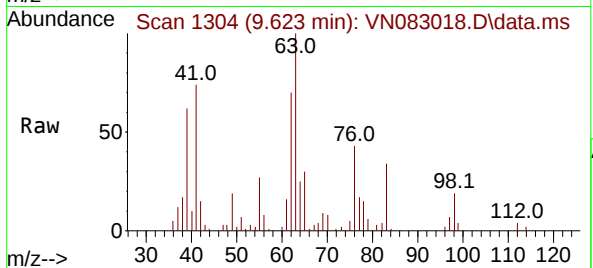
65 30.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#46

Dibromomethane

Concen: 56.503 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

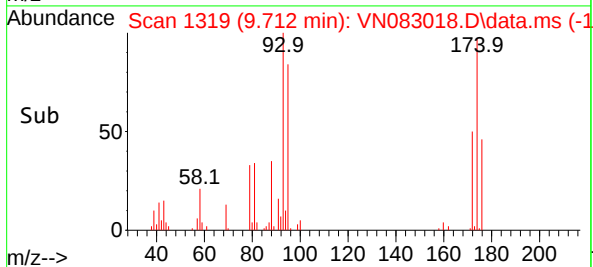
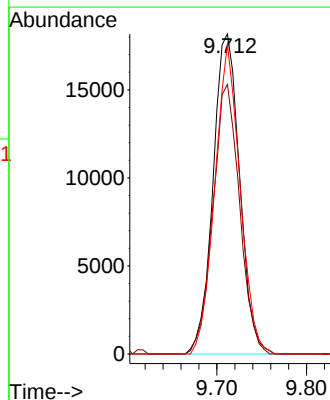
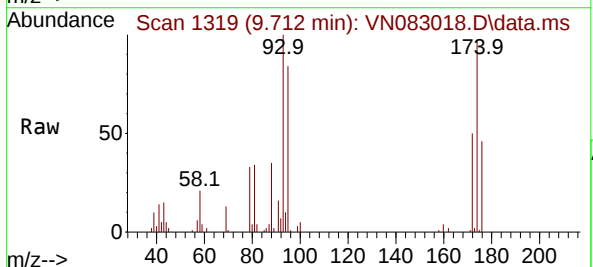
Tgt Ion: 93 Resp: 37350

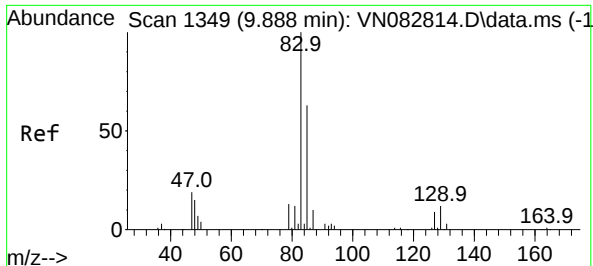
Ion Ratio Lower Upper

93 100

95 84.4 65.8 98.6

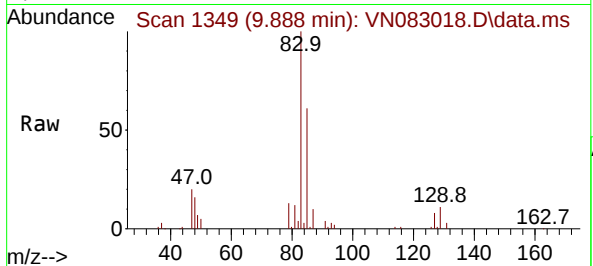
174 91.8 71.7 107.5





#47
Bromodichloromethane
Concen: 58.096 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

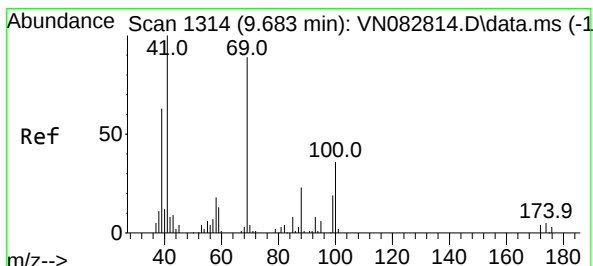
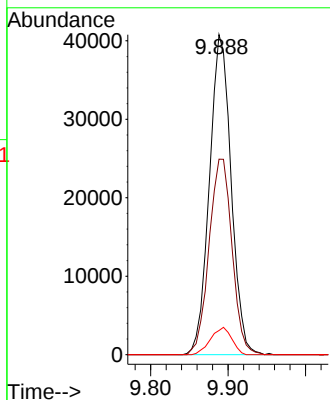
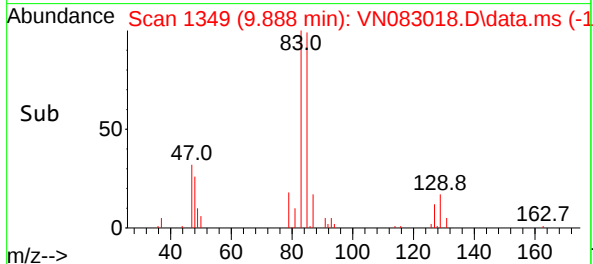
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 79349
Ion Ratio Lower Upper
83 100
85 61.1 51.1 76.7
127 7.6 7.2 10.8

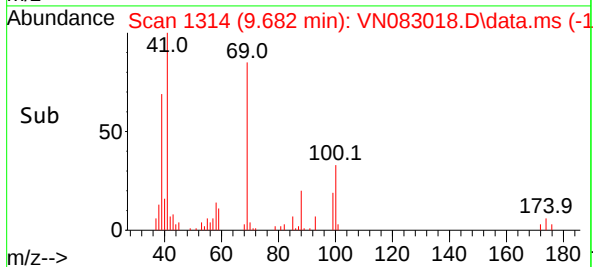
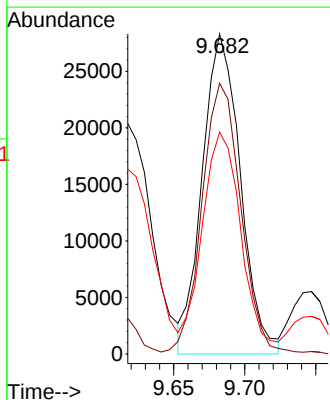
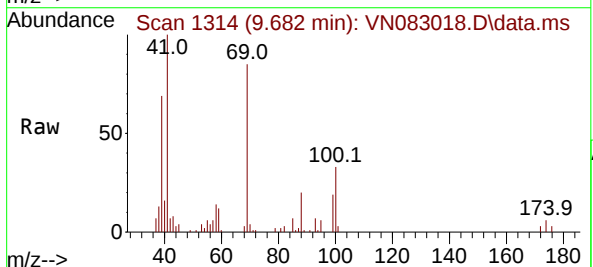
Manual Integrations
APPROVED

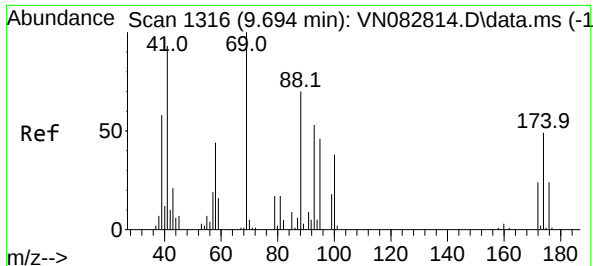
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#48
Methyl methacrylate
Concen: 56.081 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

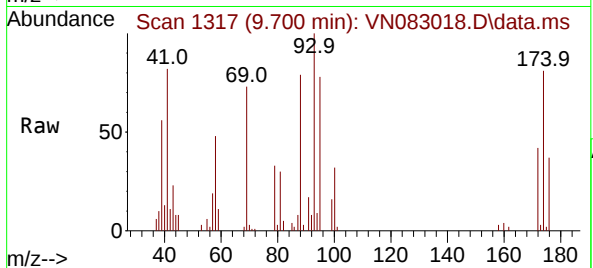
Tgt Ion: 41 Resp: 52896
Ion Ratio Lower Upper
41 100
69 86.4 56.3 84.5
39 71.2 50.3 75.5





#49
1,4-Dioxane
Concen: 1115.586 ug/l
RT: 9.700 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

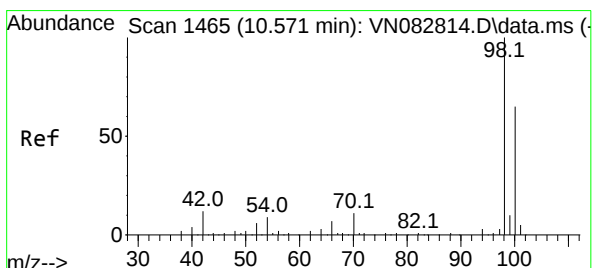
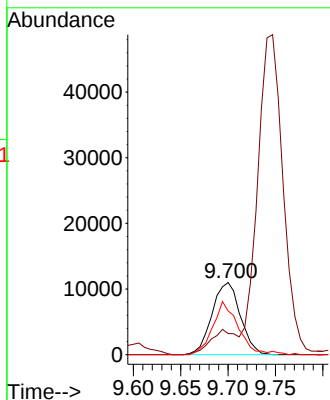
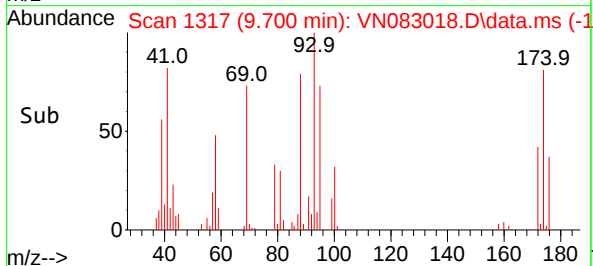
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 22820
Ion Ratio Lower Upper
88 100
43 32.3 27.8 41.8
58 67.2 59.4 89.0

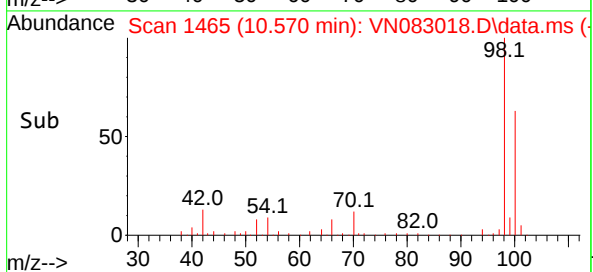
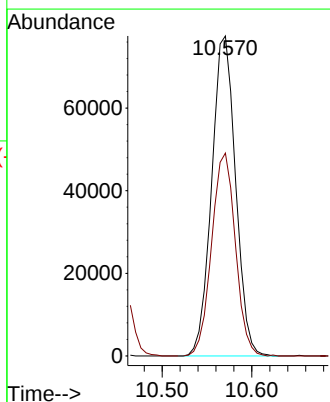
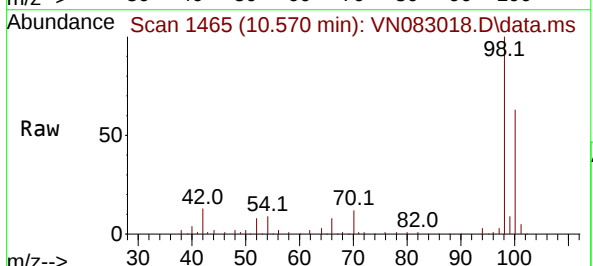
Manual Integrations
APPROVED

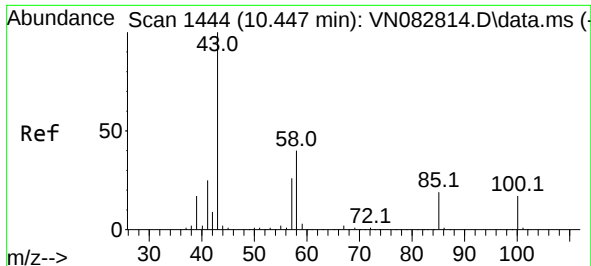
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#50
Toluene-d8
Concen: 45.277 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Tgt Ion: 98 Resp: 143311
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3





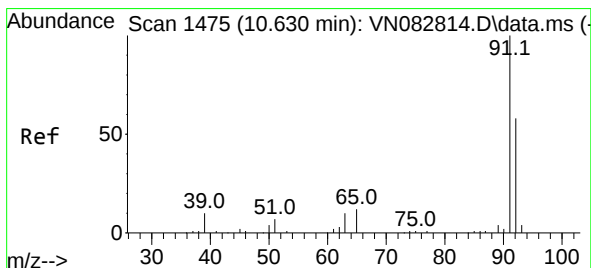
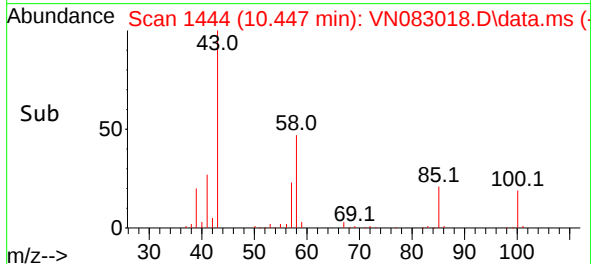
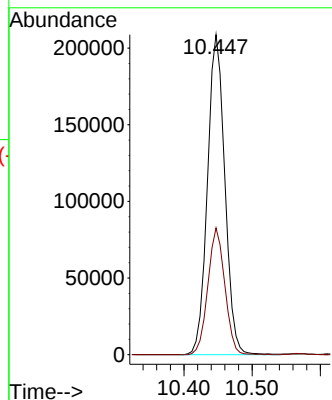
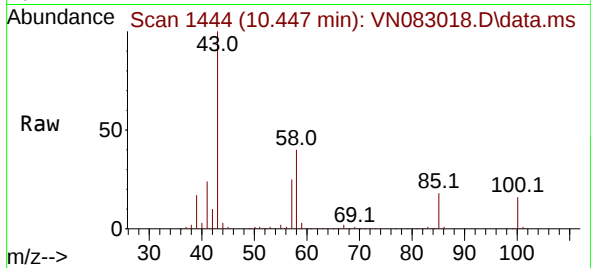
#51
4-Methyl-2-Pentanone
Concen: 310.476 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 370254
Ion Ratio Lower Upper
43 100
58 38.6 28.2 42.4

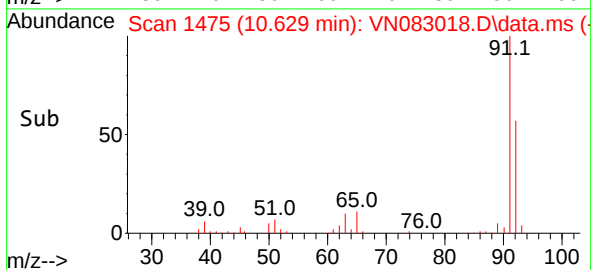
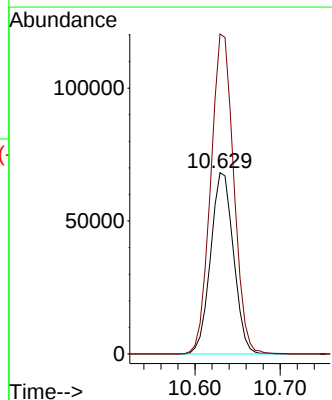
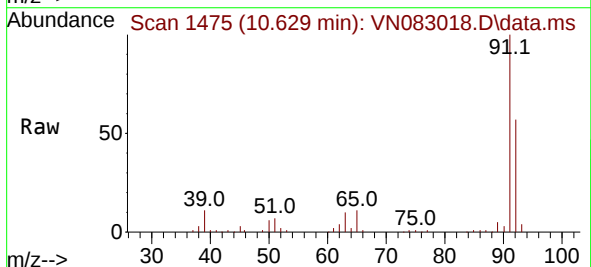
Manual Integrations
APPROVED

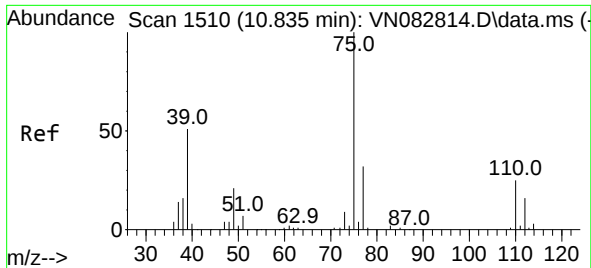
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#52
Toluene
Concen: 56.087 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

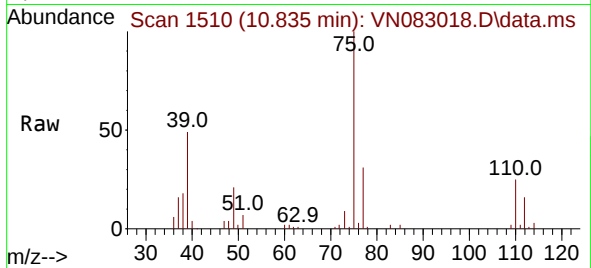
Tgt Ion: 92 Resp: 127335
Ion Ratio Lower Upper
92 100
91 177.2 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 55.380 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

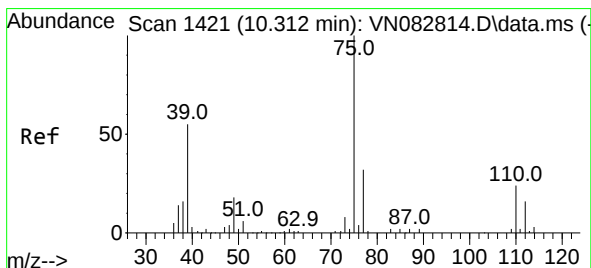
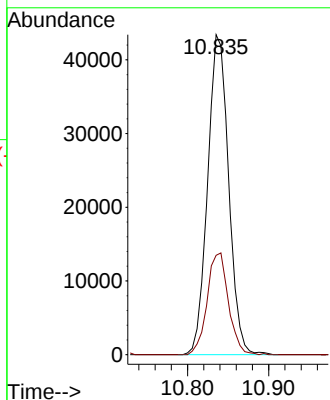
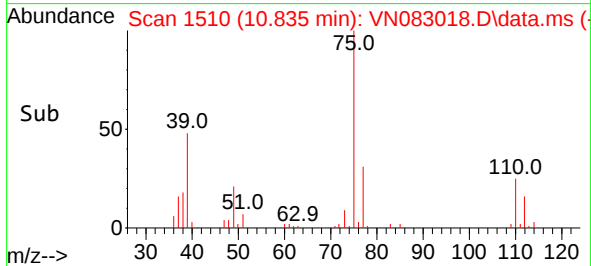
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



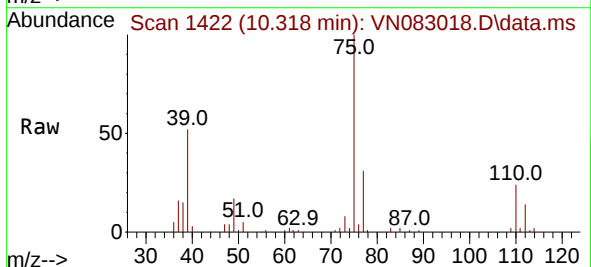
Tgt Ion: 75 Resp: 7792
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5

Manual Integrations
APPROVED

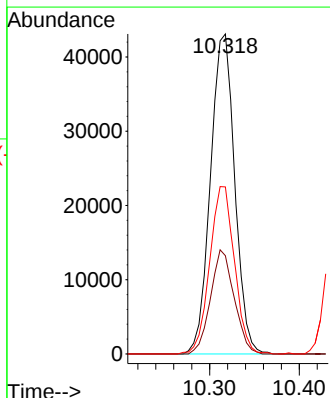
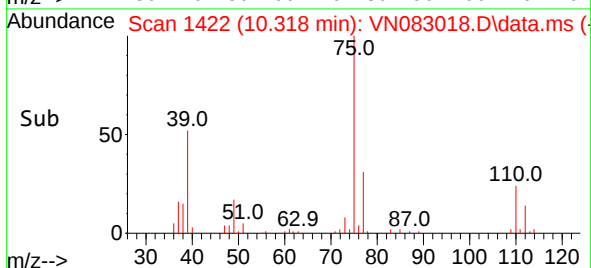
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

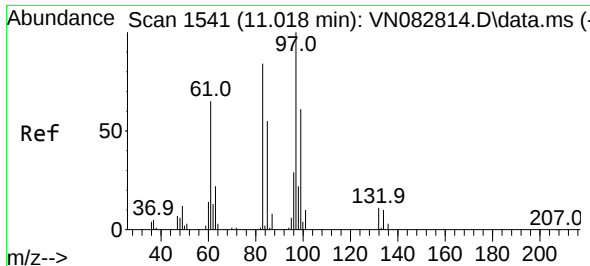


#54
cis-1,3-Dichloropropene
Concen: 54.363 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



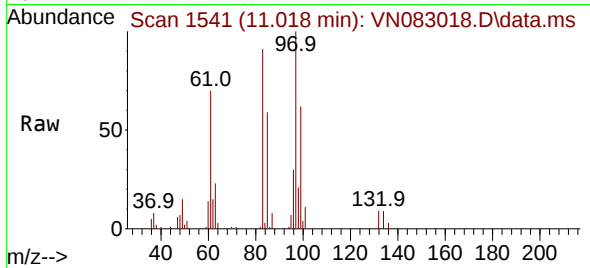
Tgt Ion: 75 Resp: 80965
Ion Ratio Lower Upper
75 100
77 30.7 24.3 36.5
39 52.2 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 60.701 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

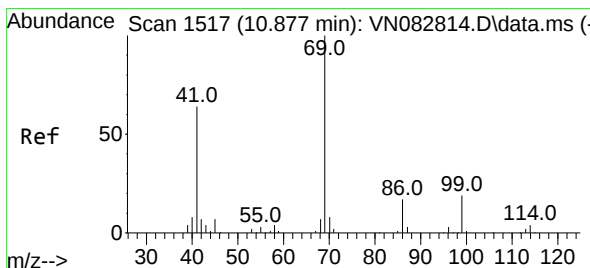
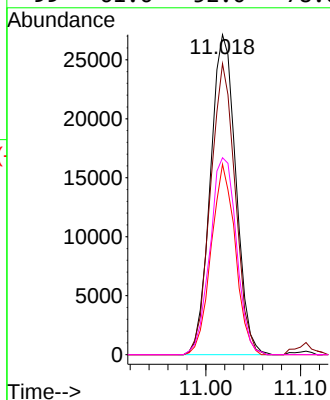
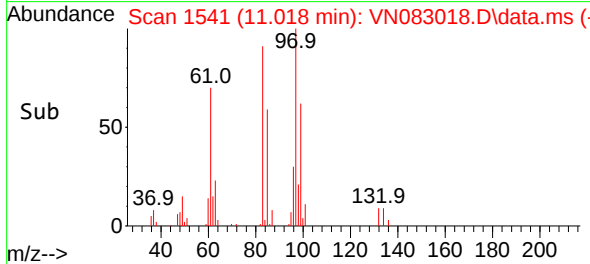
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



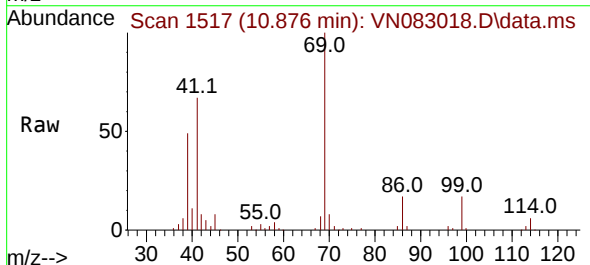
Tgt Ion: 97 Resp: 50670
Ion Ratio Lower Upper
97 100
83 91.0 71.4 107.0
85 59.5 45.8 68.6
99 61.6 52.0 78.0

Manual Integrations
APPROVED

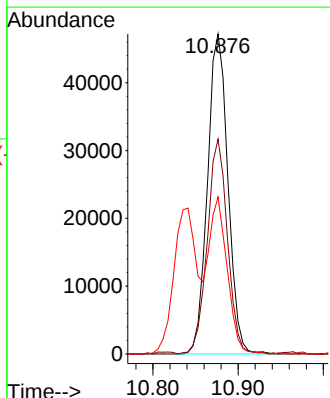
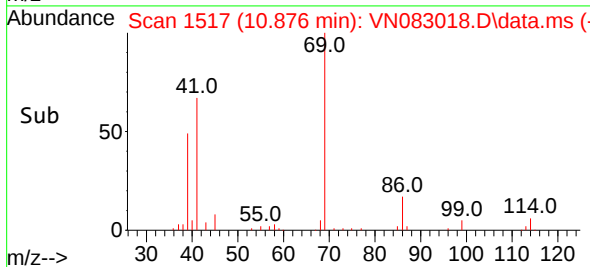
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

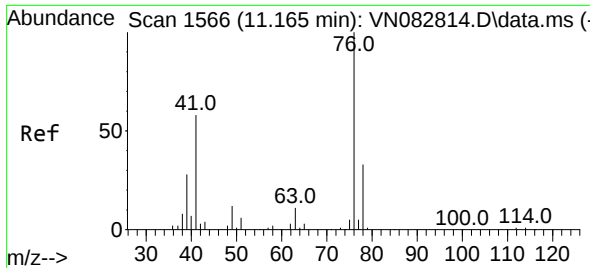


#56
Ethyl methacrylate
Concen: 60.593 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



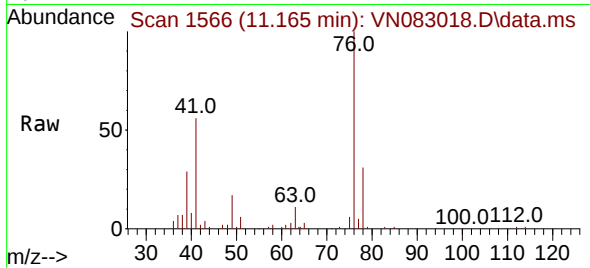
Tgt Ion: 69 Resp: 78700
Ion Ratio Lower Upper
69 100
41 66.5 63.4 95.2
39 43.8 37.4 56.0





#57
1,3-Dichloropropane
Concen: 58.598 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

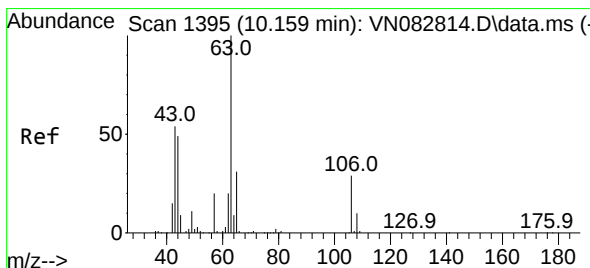
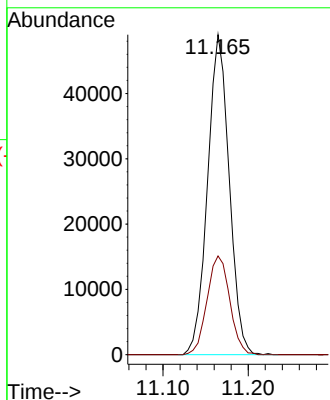
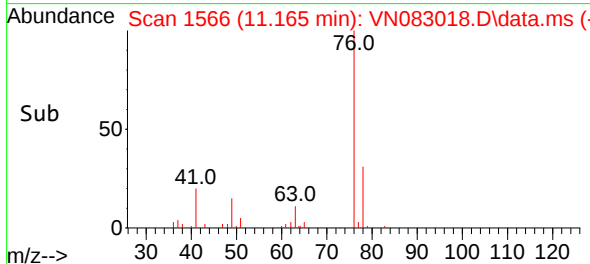
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 86594
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4

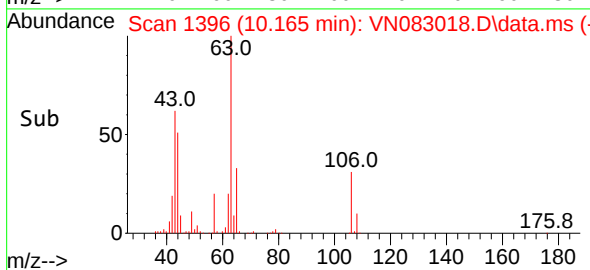
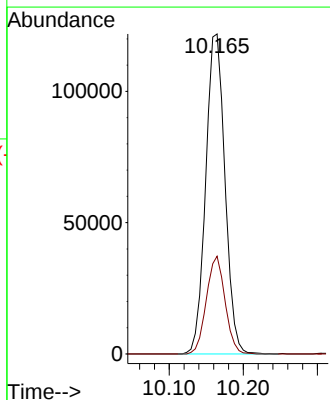
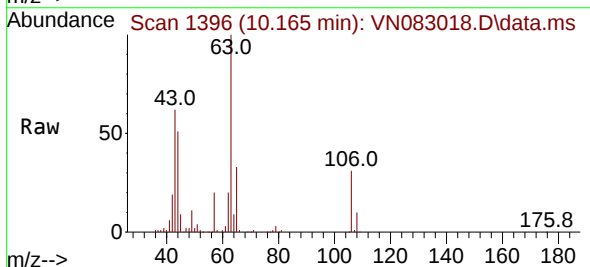
Manual Integrations
APPROVED

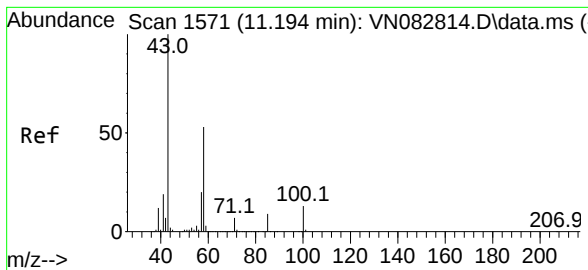
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 329.506 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

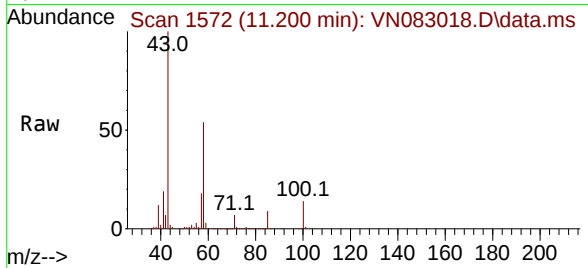
Tgt Ion: 63 Resp: 219606
Ion Ratio Lower Upper
63 100
106 29.6 21.4 32.0





#59
2-Hexanone
Concen: 320.577 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

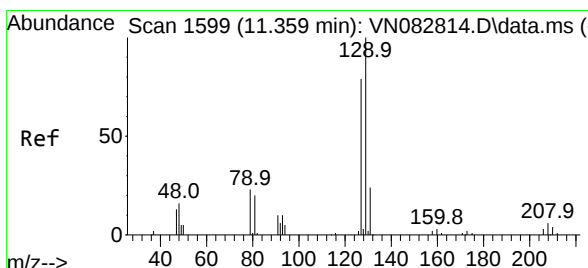
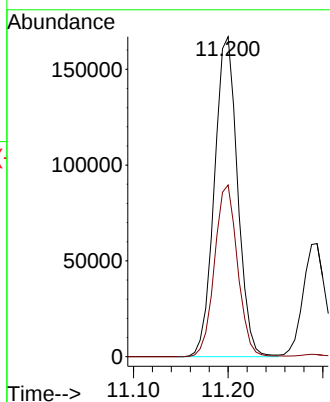
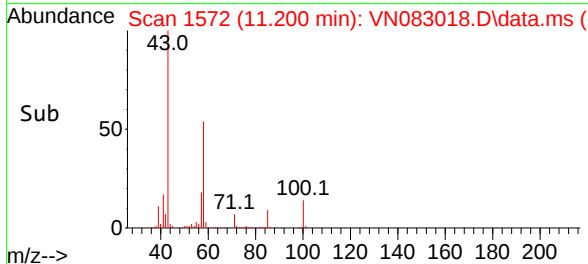
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 28423
Ion Ratio Lower Upper
43 100
58 53.3 24.6 73.8

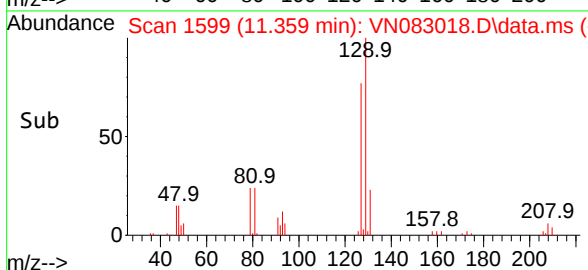
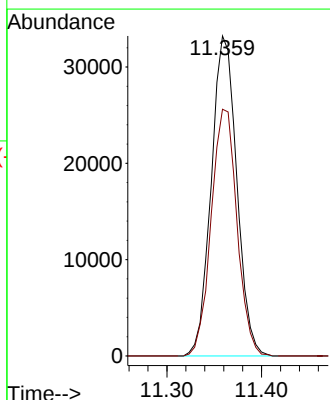
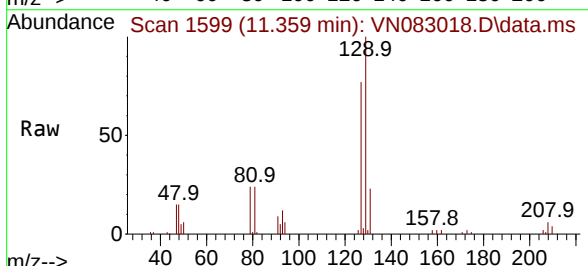
Manual Integrations
APPROVED

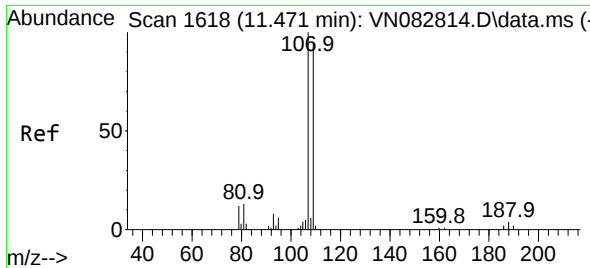
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#60
Dibromochloromethane
Concen: 58.559 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Tgt Ion:129 Resp: 62266
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6





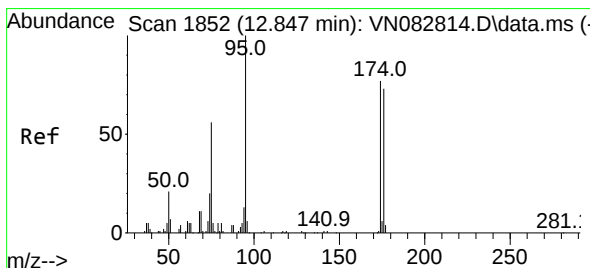
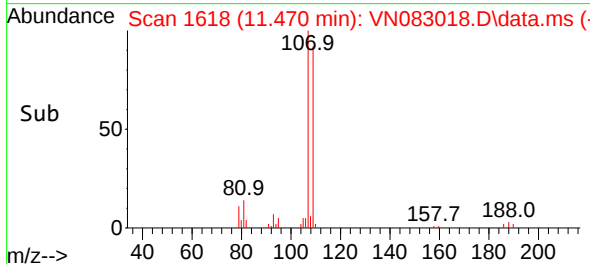
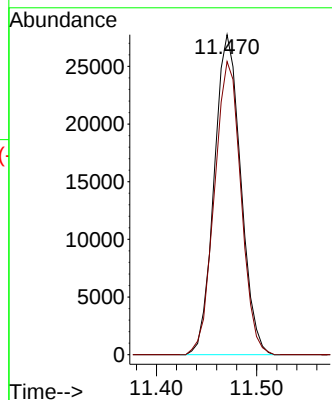
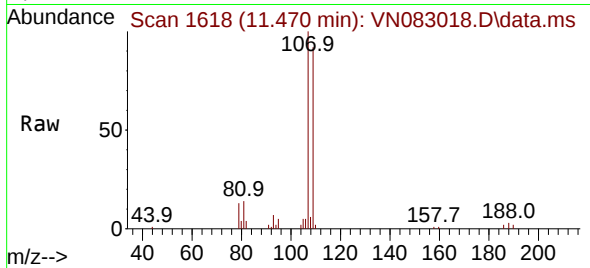
#61
1,2-Dibromoethane
Concen: 57.557 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 51028
Ion Ratio Lower Upper
107 100
109 91.7 73.7 110.5

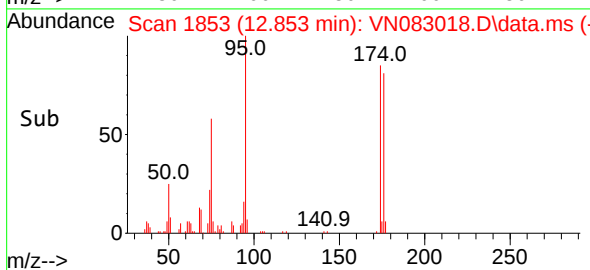
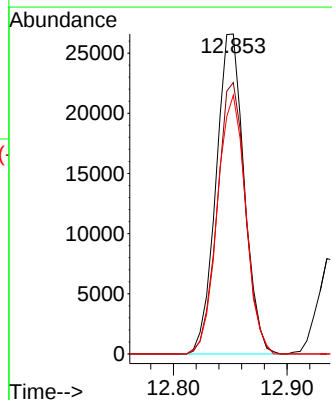
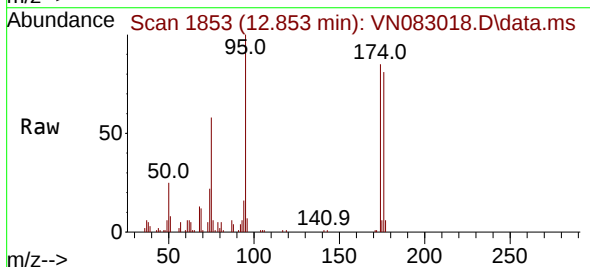
Manual Integrations
APPROVED

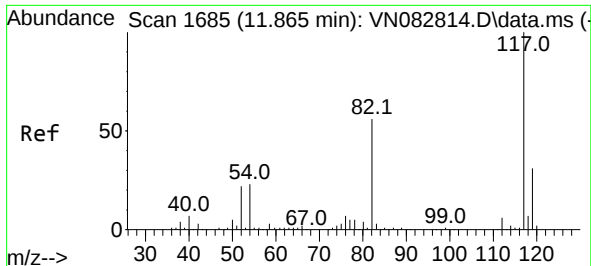
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#62
4-Bromofluorobenzene
Concen: 40.282 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Tgt Ion: 95 Resp: 45799
Ion Ratio Lower Upper
95 100
174 84.7 0.0 159.2
176 81.4 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

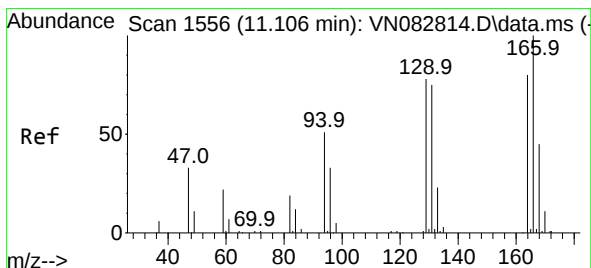
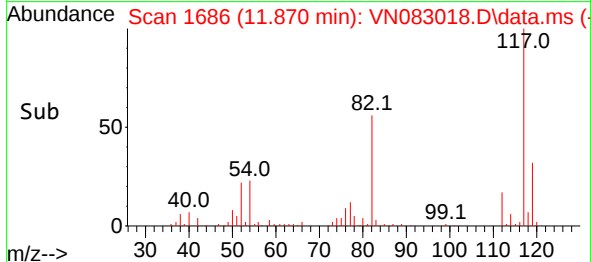
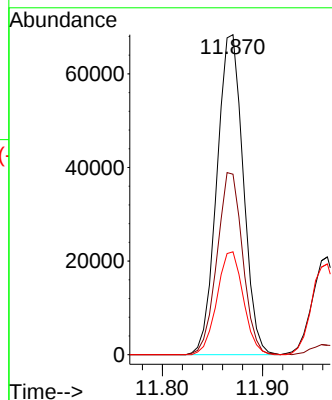
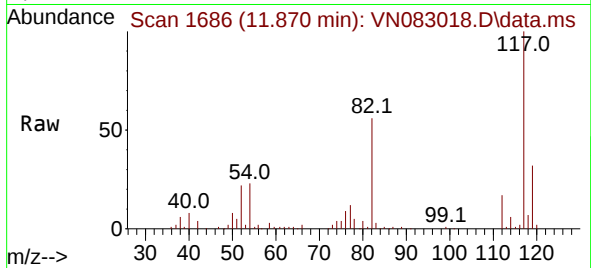
Tgt Ion:117 Resp: 124764
Ion Ratio Lower Upper
117 100
82 56.4 47.5 71.3
119 32.1 25.6 38.4

Manual Integrations

APPROVED

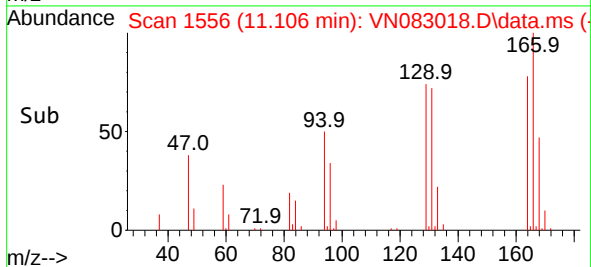
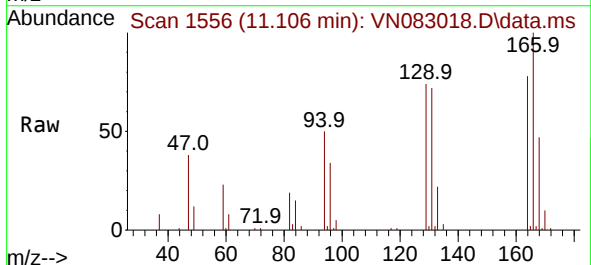
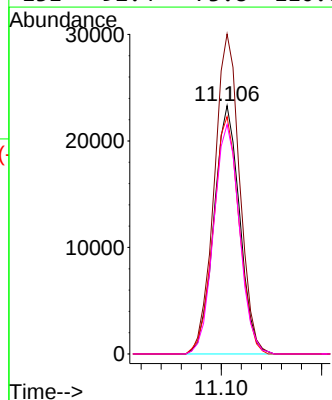
Reviewed By :John Carlone 07/24/2024

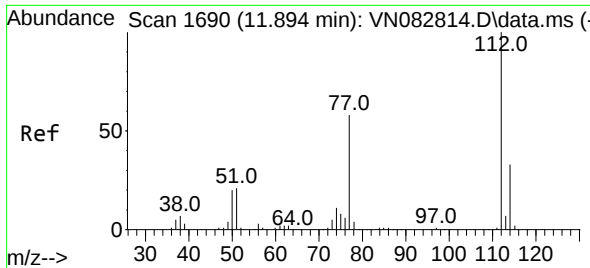
Supervised By :Mahesh Dadoda 07/24/2024



#64
Tetrachloroethene
Concen: 44.537 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

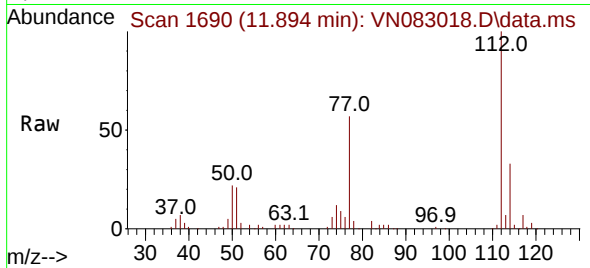
Tgt Ion:164 Resp: 41456
Ion Ratio Lower Upper
164 100
166 128.9 101.4 152.0
129 95.5 75.7 113.5
131 92.4 73.8 110.6





#65
Chlorobenzene
Concen: 52.866 ug/l
RT: 11.894 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

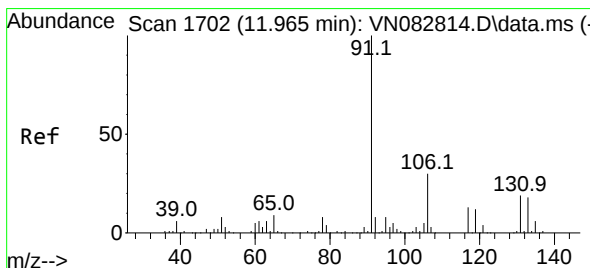
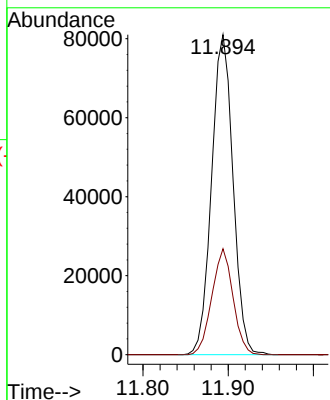
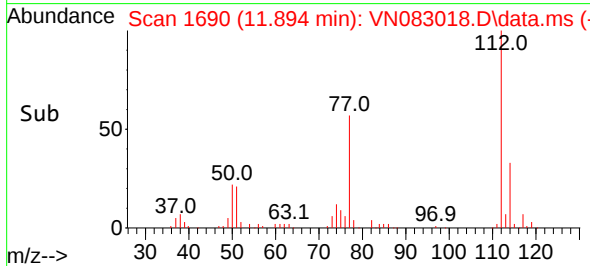
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



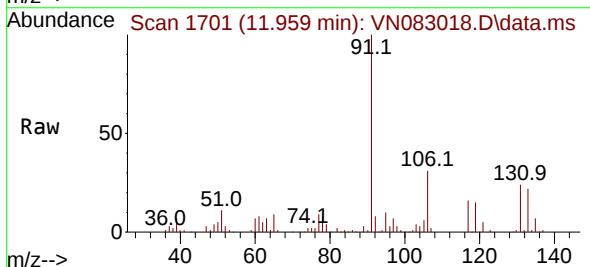
Tgt Ion:112 Resp: 141338
Ion Ratio Lower Upper
112 100
114 33.1 26.2 39.2

Manual Integrations
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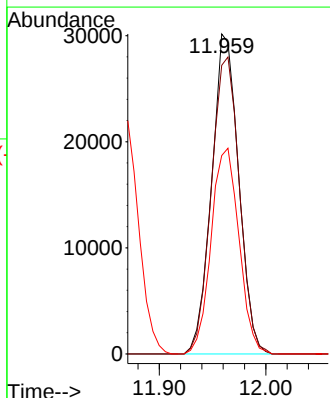
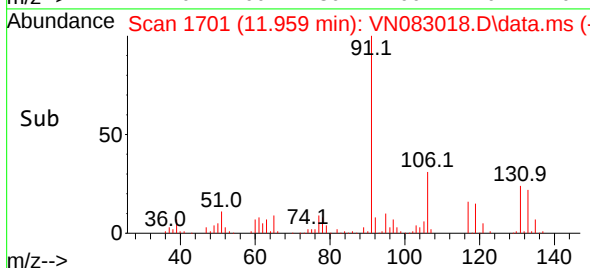
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

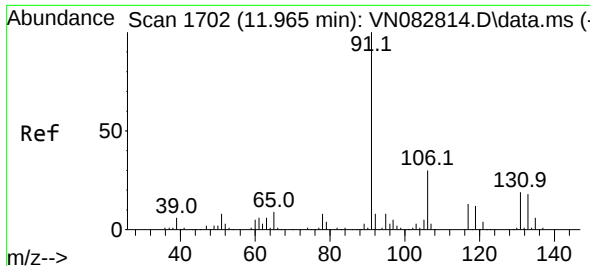


#66
1,1,1,2-Tetrachloroethane
Concen: 55.914 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



Tgt Ion:131 Resp: 53172
Ion Ratio Lower Upper
131 100
133 96.4 47.3 142.0
119 66.3 32.5 97.4





#67

Ethyl Benzene

Concen: 53.897 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 242179

Ion Ratio Lower Upper

91 100

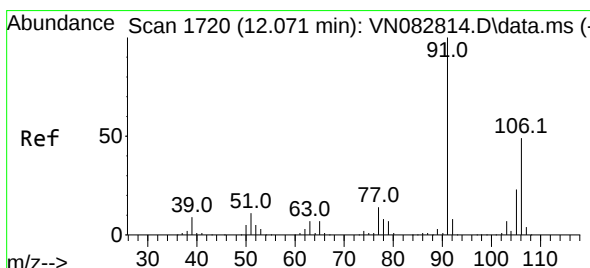
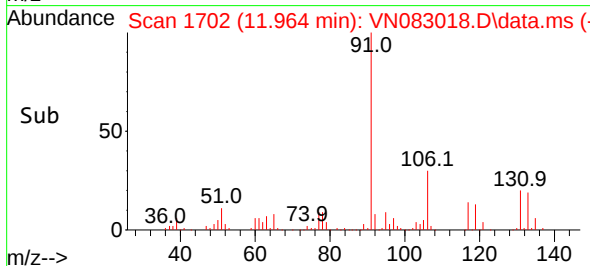
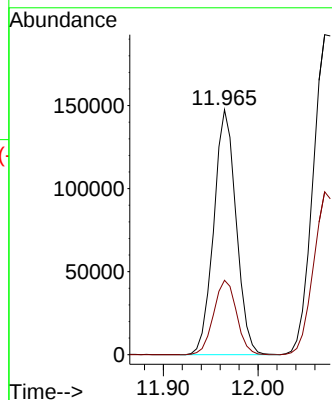
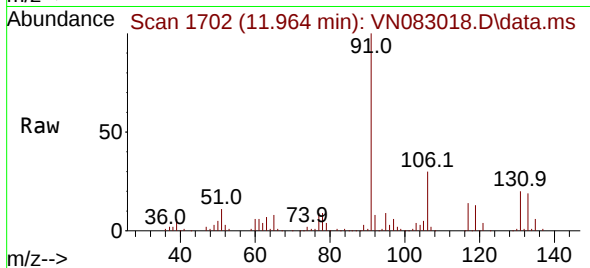
106 30.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#68

m/p-Xylenes

Concen: 111.211 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN083018.D

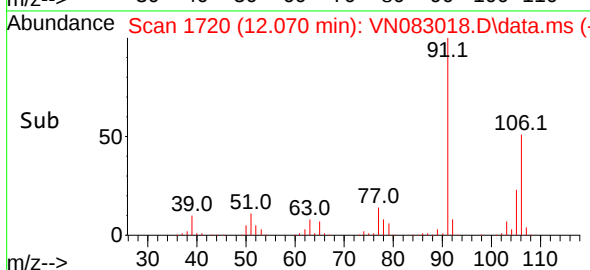
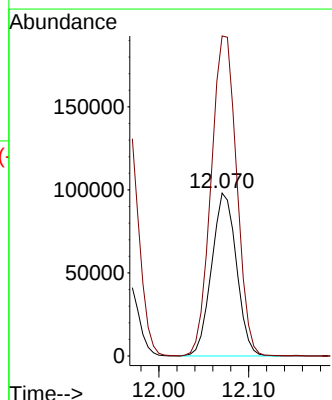
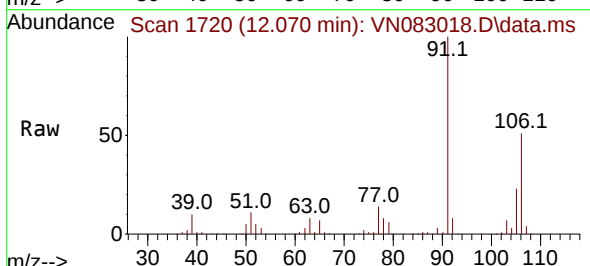
Acq: 23 Jul 2024 18:00

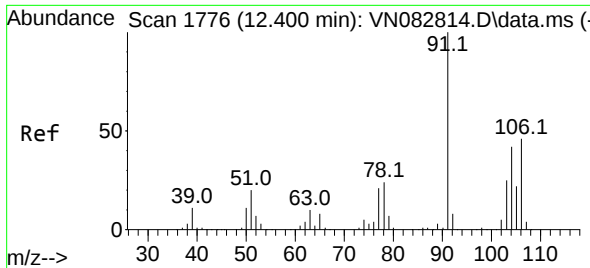
Tgt Ion:106 Resp: 188659

Ion Ratio Lower Upper

106 100

91 202.2 166.1 249.1





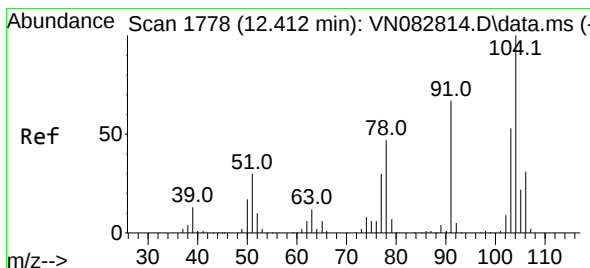
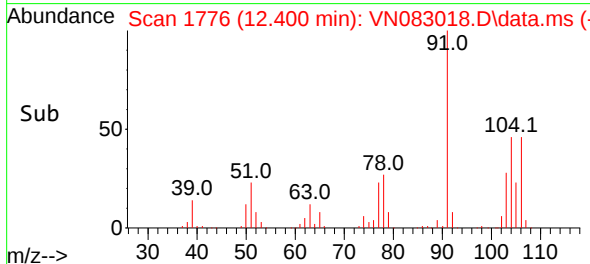
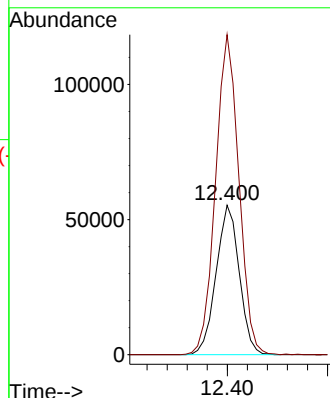
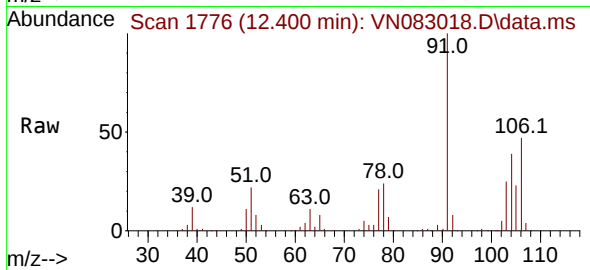
#69
o-Xylene
Concen: 54.445 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 88495
Ion Ratio Lower Upper
106 100
91 216.0 111.3 333.9

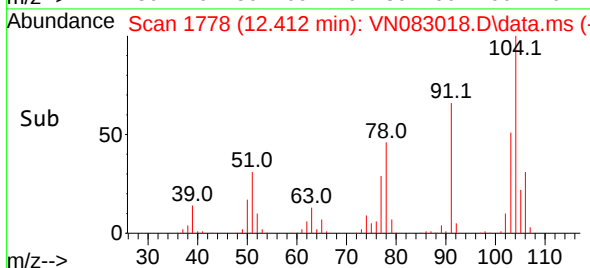
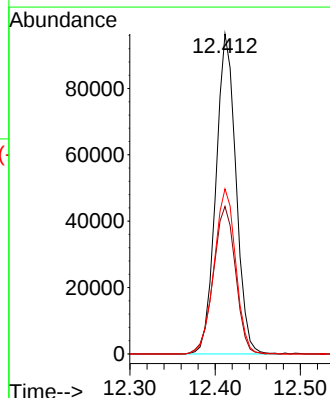
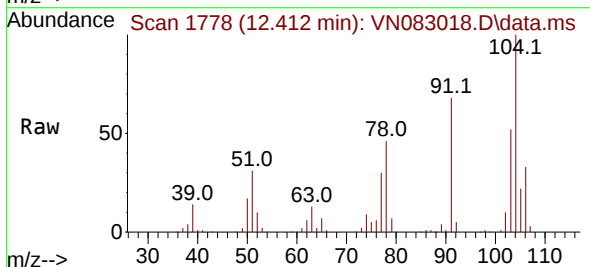
Manual Integrations
APPROVED

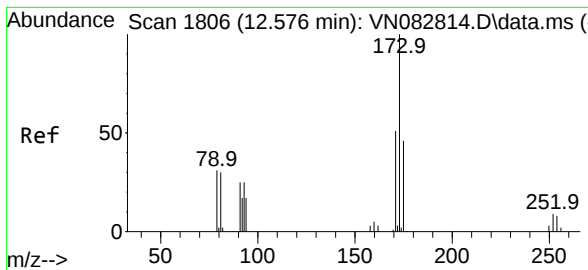
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#70
Styrene
Concen: 58.814 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

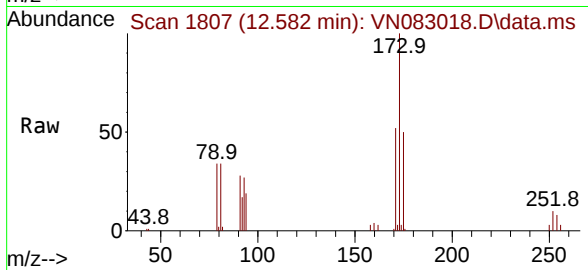
Tgt Ion:104 Resp: 157959
Ion Ratio Lower Upper
104 100
78 50.7 41.6 62.4
103 55.4 44.0 66.0





#71
Bromoform
Concen: 56.843 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

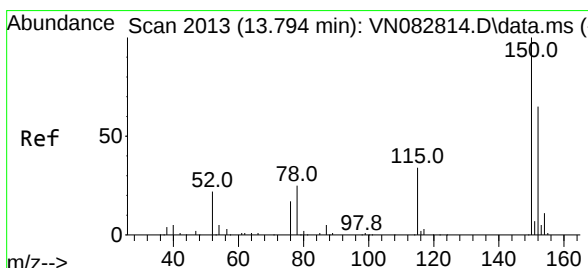
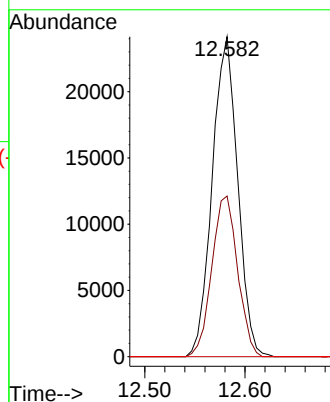
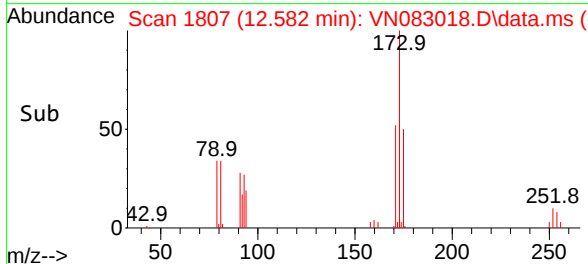
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



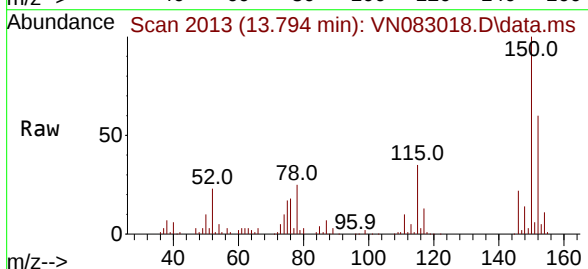
Tgt Ion:173 Resp: 4251
Ion Ratio Lower Upper
173 100
175 50.9 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

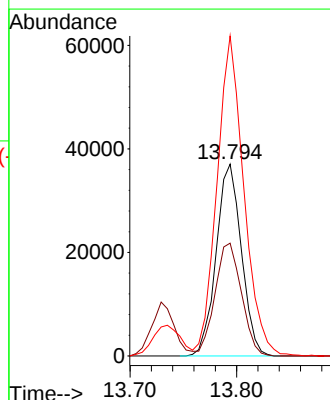
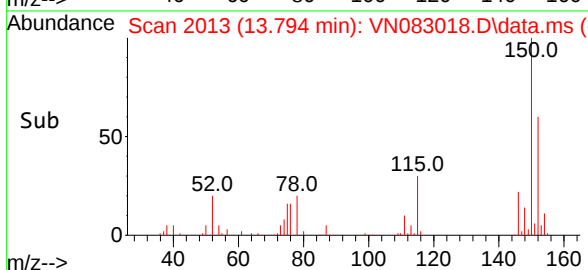
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

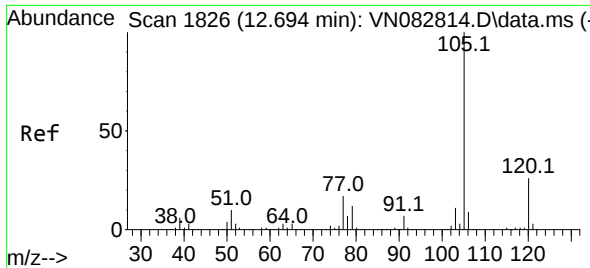


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



Tgt Ion:152 Resp: 60830
Ion Ratio Lower Upper
152 100
115 61.8 30.6 91.6
150 178.1 0.0 348.6





#73
Isopropylbenzene
Concen: 51.778 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

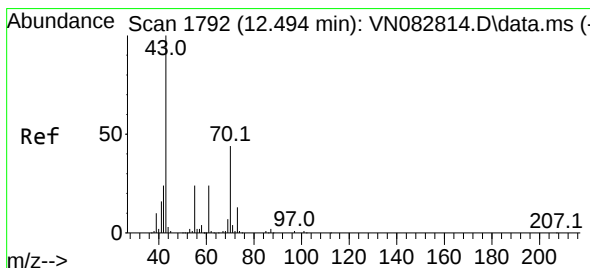
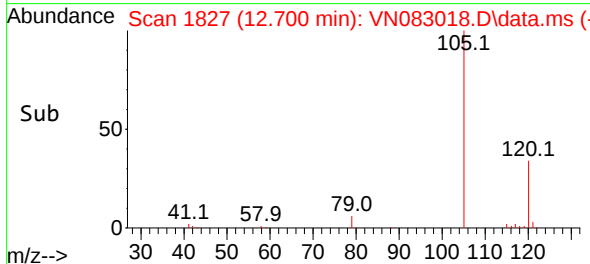
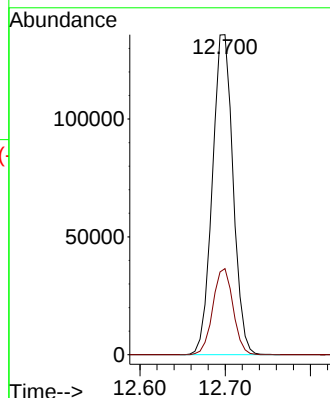
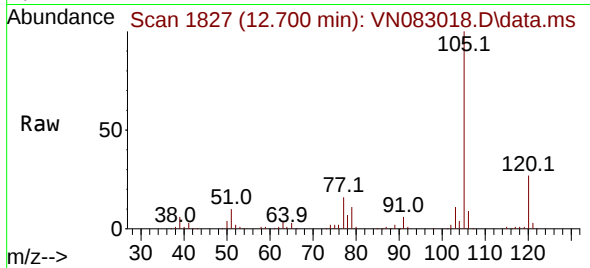
VSTDCCC050EC

Tgt Ion:105 Resp: 22886
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

Manual Integrations

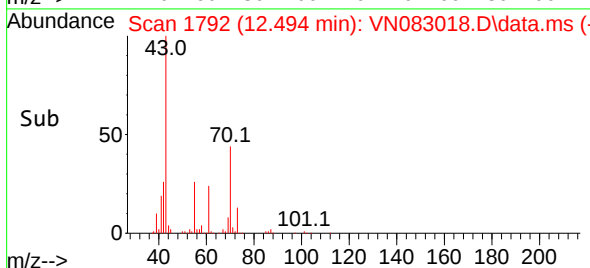
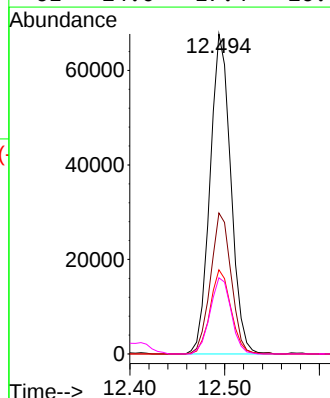
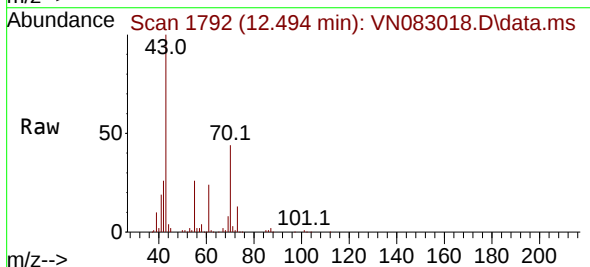
APPROVED

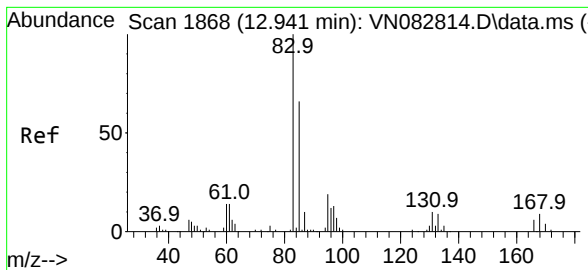
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#74
N-ethyl acetate
Concen: 56.352 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

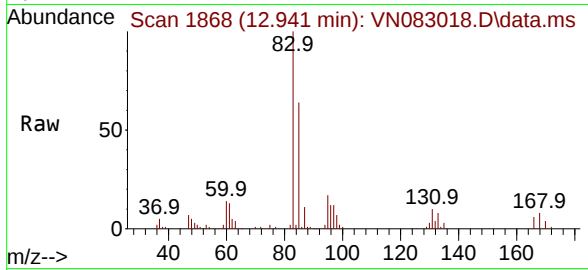
Tgt Ion: 43 Resp: 103031
Ion Ratio Lower Upper
43 100
70 44.0 29.8 44.6
55 26.3 18.7 28.1
61 24.0 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 57.873 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

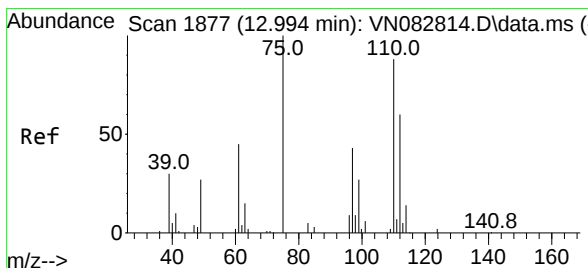
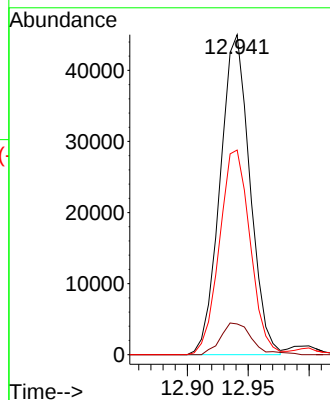
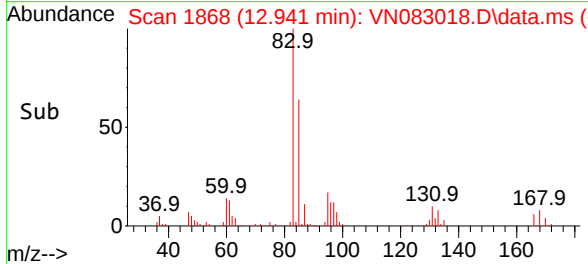
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 76612
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 66.1 31.9 95.7

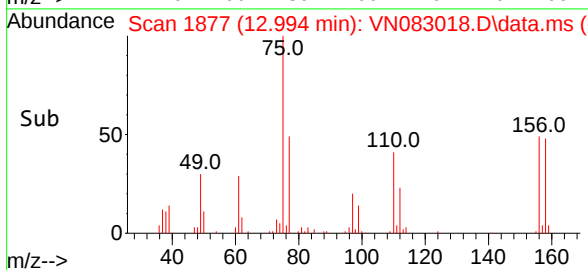
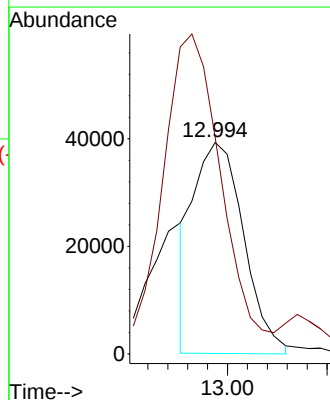
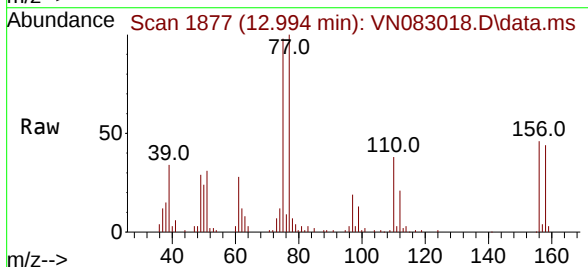
Manual Integrations
APPROVED

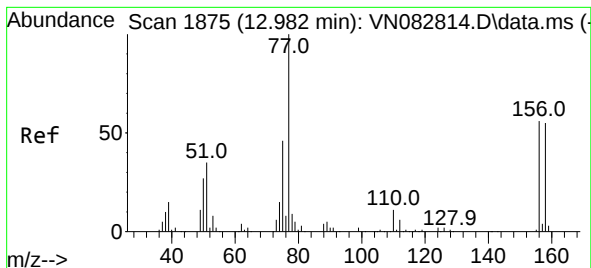
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#76
1,2,3-Trichloropropane
Concen: 65.429 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

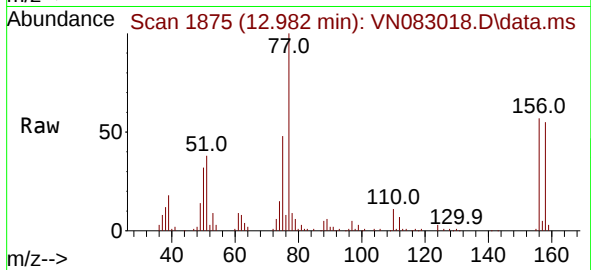
Tgt Ion: 75 Resp: 68618
Ion Ratio Lower Upper
75 100
77 179.3 110.9 332.6





#77
Bromobenzene
Concen: 51.755 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

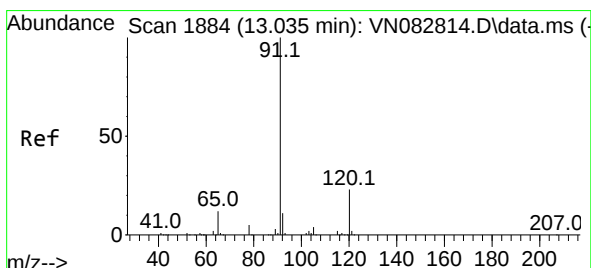
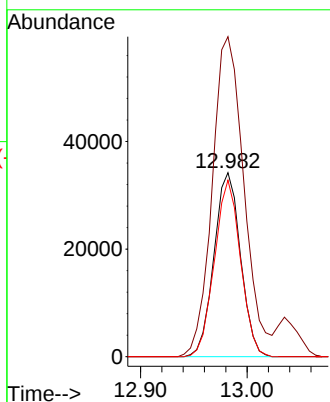
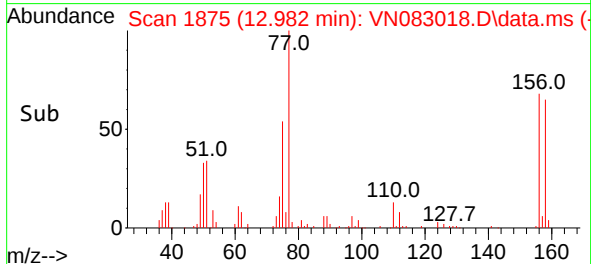
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



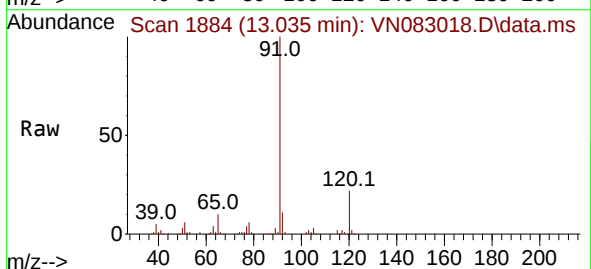
Tgt Ion:156 Resp: 59018
Ion Ratio Lower Upper
156 100
77 208.4 111.3 333.8
158 94.4 48.3 144.9

Manual Integrations
APPROVED

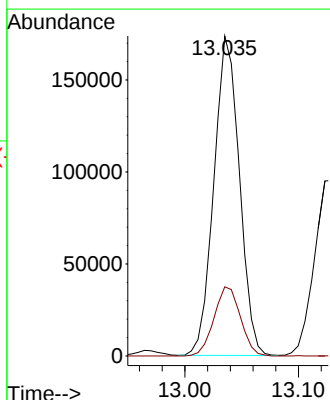
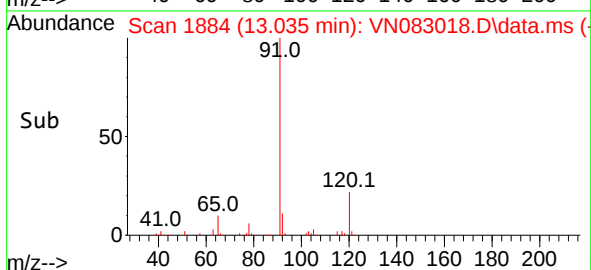
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

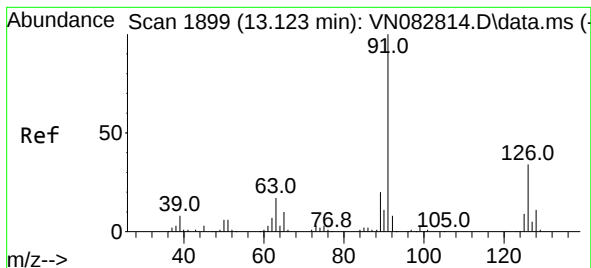


#78
n-propylbenzene
Concen: 53.298 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



Tgt Ion: 91 Resp: 270868
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 50.914 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 16486

Ion Ratio Lower Upper

91 100

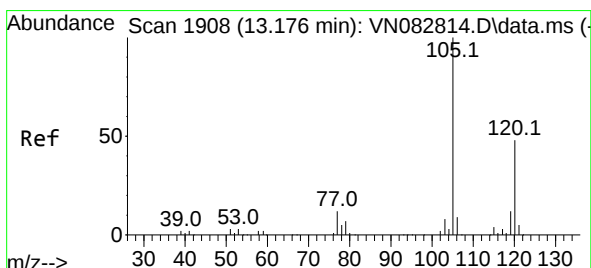
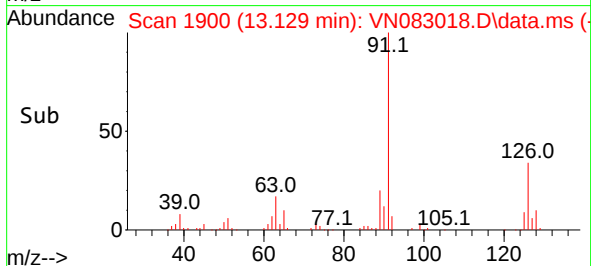
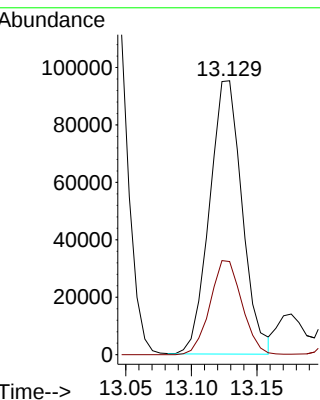
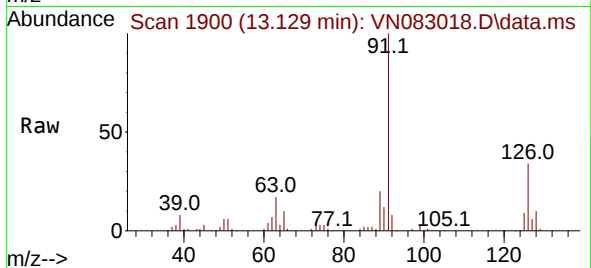
126 33.7 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#80

1,3,5-Trimethylbenzene

Concen: 53.336 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN083018.D

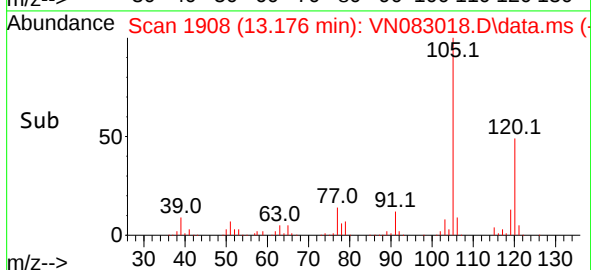
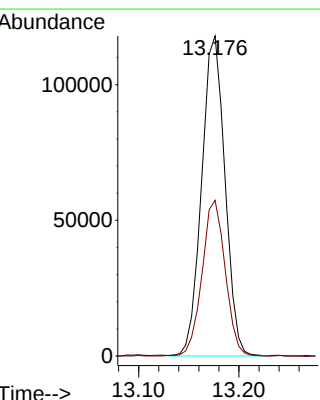
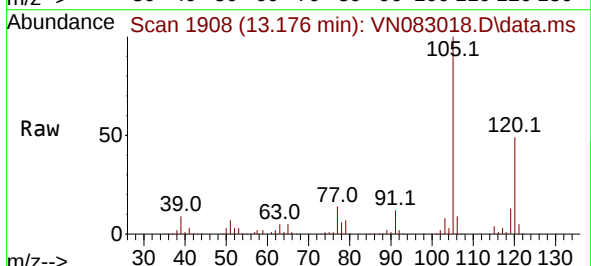
Acq: 23 Jul 2024 18:00

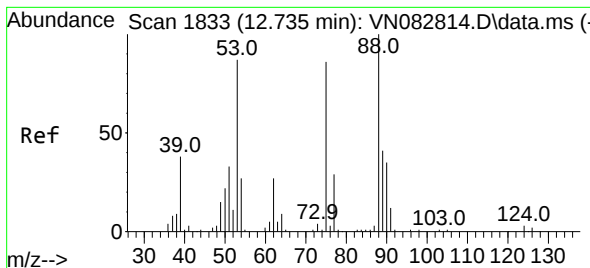
Tgt Ion:105 Resp: 190567

Ion Ratio Lower Upper

105 100

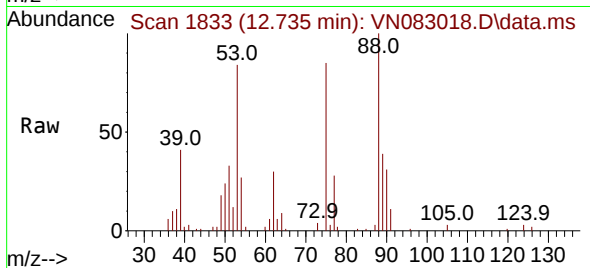
120 48.3 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 59.228 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

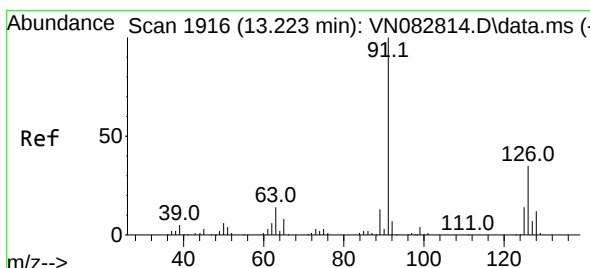
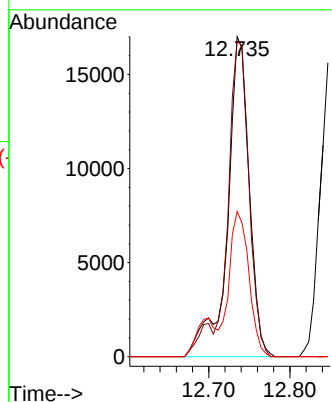
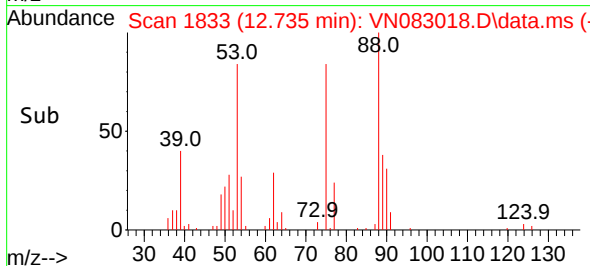
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



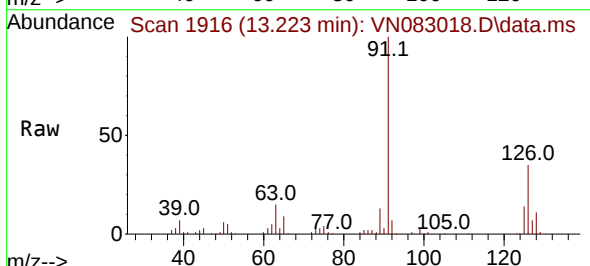
Tgt Ion: 75 Resp: 3158
Ion Ratio Lower Upper
75 100
53 99.5 88.4 132.6
89 41.3 36.3 54.5

Manual Integrations
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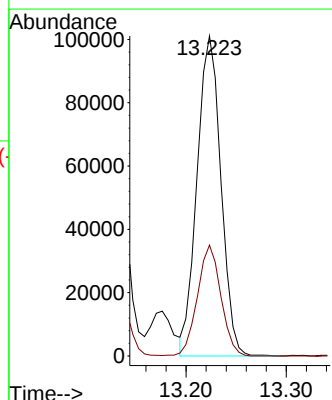
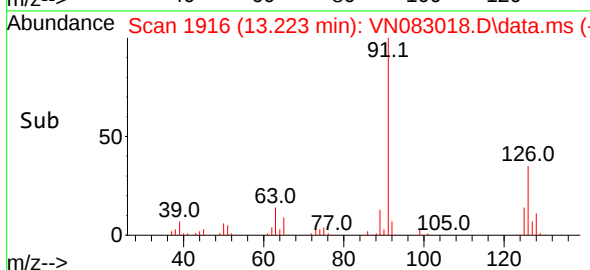
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

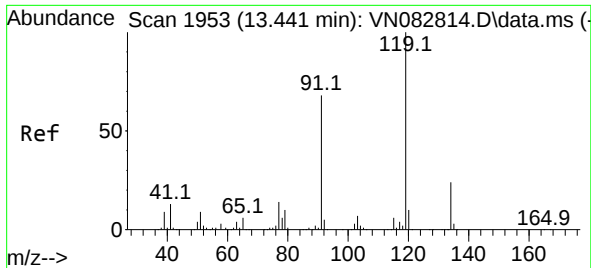


#82
4-Chlorotoluene
Concen: 52.272 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



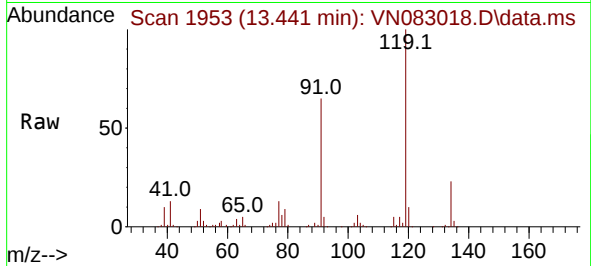
Tgt Ion: 91 Resp: 167539
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 51.770 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

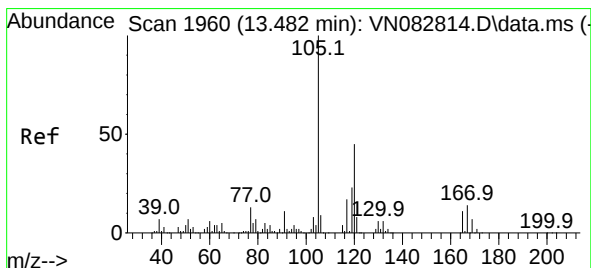
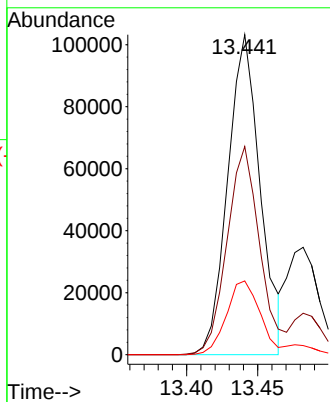
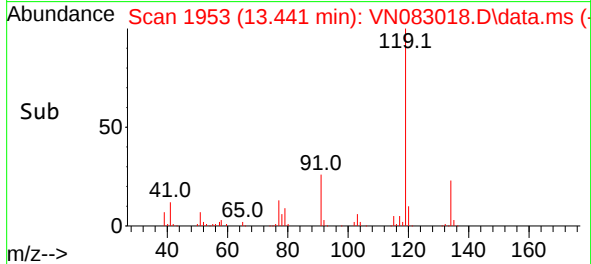
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



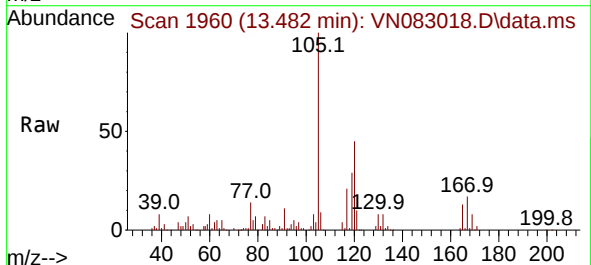
Tgt Ion:119 Resp: 163984
Ion Ratio Lower Upper
119 100
91 66.3 35.0 105.1
134 24.3 13.3 39.8

Manual Integrations
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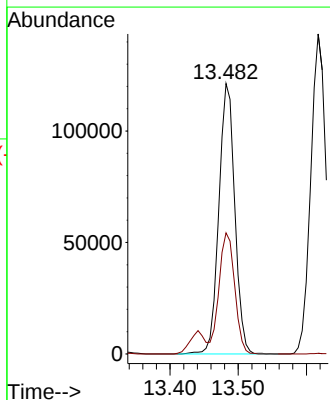
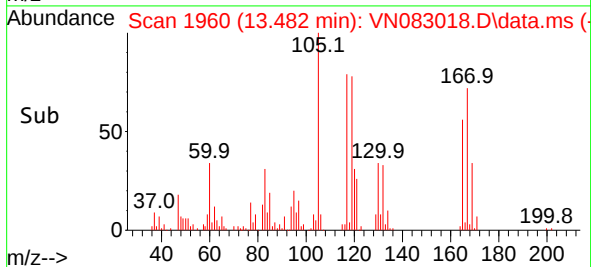
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

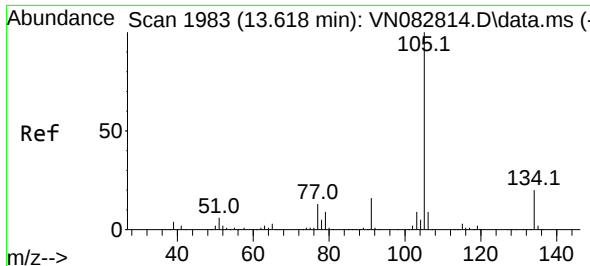


#84
1,2,4-Trimethylbenzene
Concen: 54.134 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



Tgt Ion:105 Resp: 197137
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.8





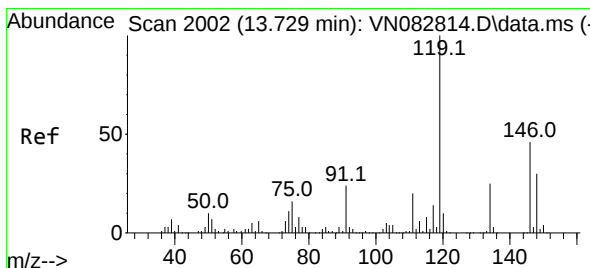
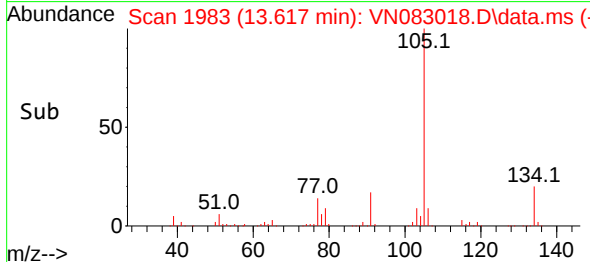
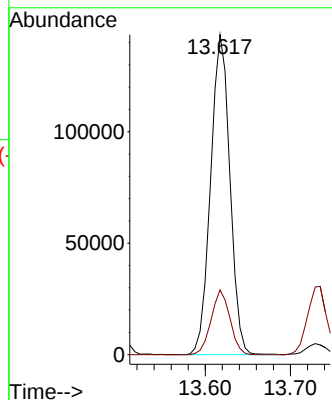
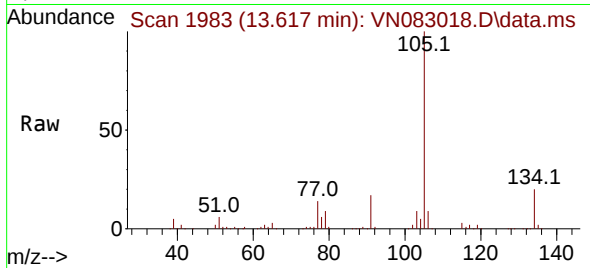
#85
 sec-Butylbenzene
 Concen: 52.668 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083018.D
 Acq: 23 Jul 2024 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 22544
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

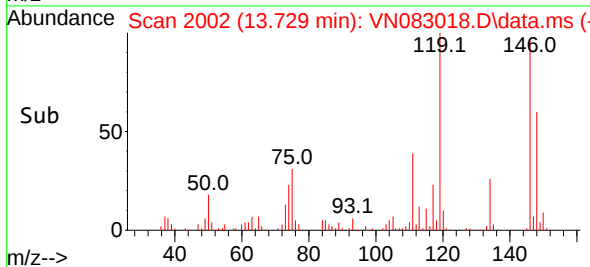
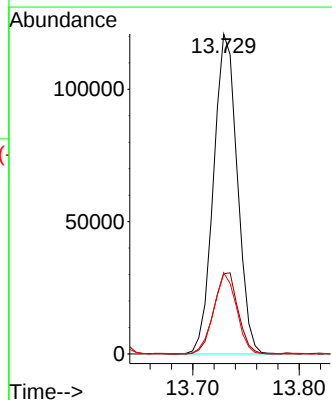
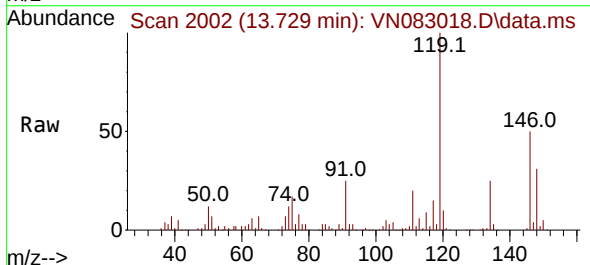
Manual Integrations
 APPROVED

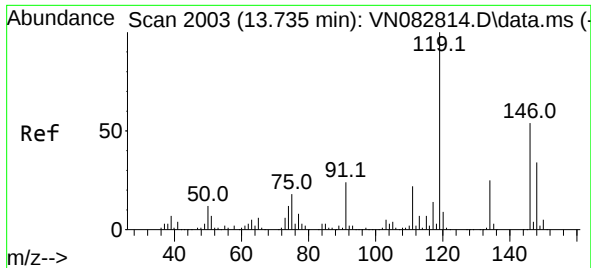
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#86
 p-Isopropyltoluene
 Concen: 52.407 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083018.D
 Acq: 23 Jul 2024 18:00

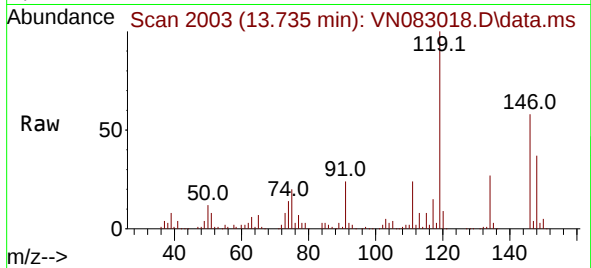
Tgt Ion:119 Resp: 187161
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.6 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 53.211 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

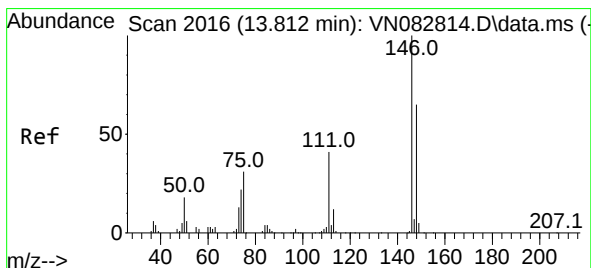
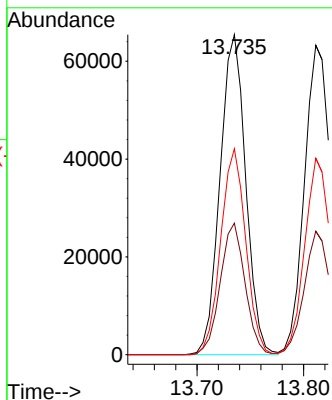
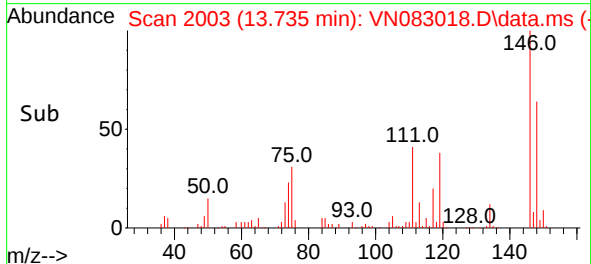
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



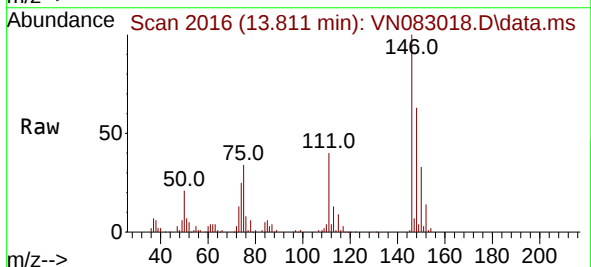
Tgt Ion:146 Resp: 109614
Ion Ratio Lower Upper
146 100
111 39.8 20.6 61.9
148 62.7 31.8 95.3

Manual Integrations
APPROVED

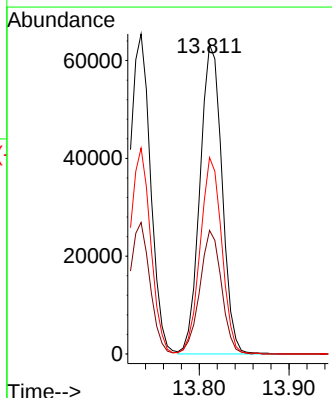
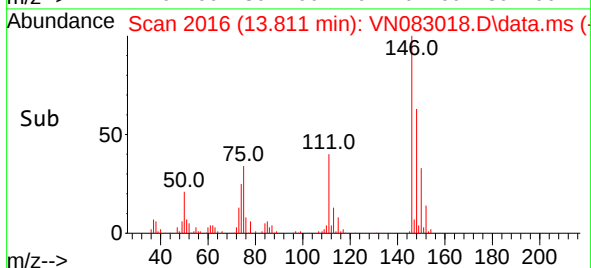
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

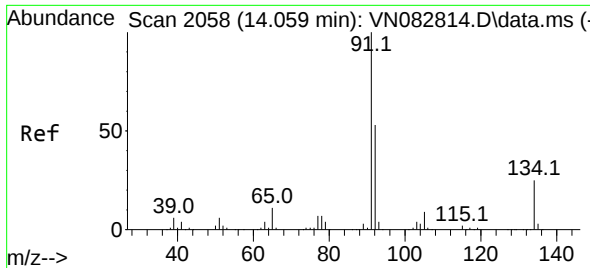


#88
1,4-Dichlorobenzene
Concen: 50.655 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



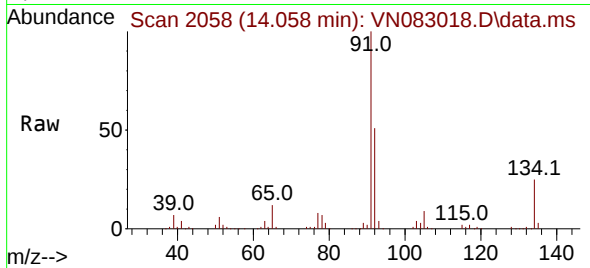
Tgt Ion:146 Resp: 107916
Ion Ratio Lower Upper
146 100
111 39.3 20.1 60.3
148 62.2 32.2 96.6





#89
n-Butylbenzene
Concen: 50.557 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

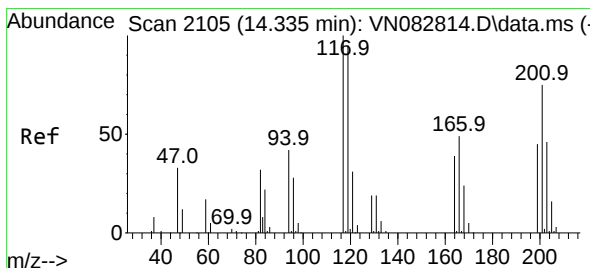
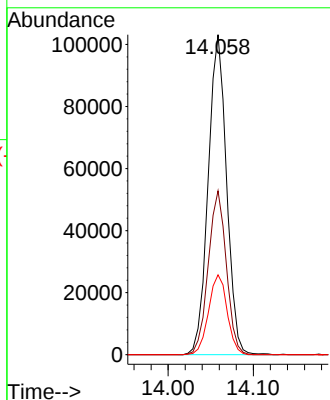
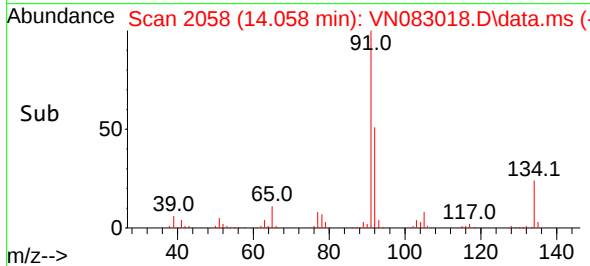
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 154680
Ion Ratio Lower Upper
91 100
92 50.3 26.1 78.3
134 25.2 12.1 36.3

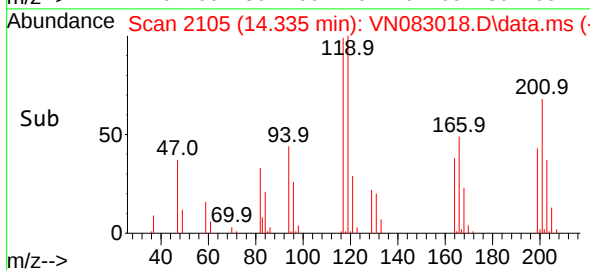
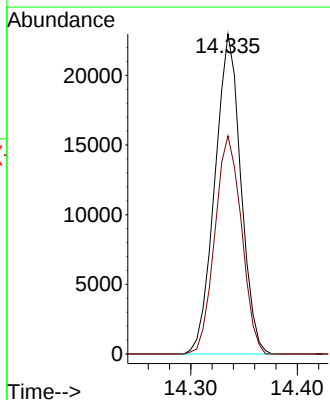
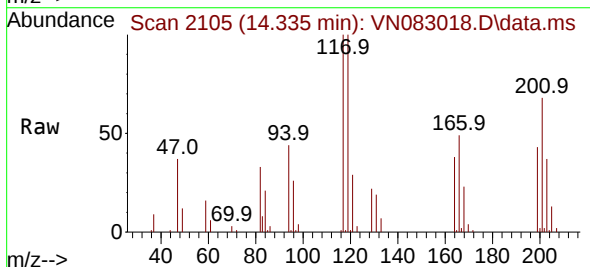
Manual Integrations
APPROVED

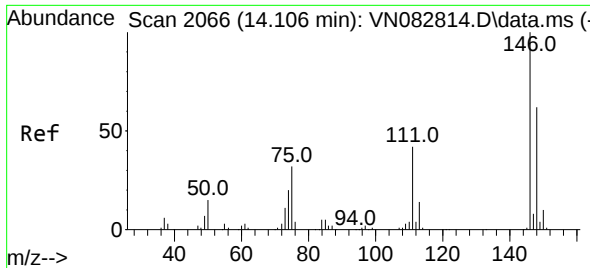
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#90
Hexachloroethane
Concen: 51.440 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

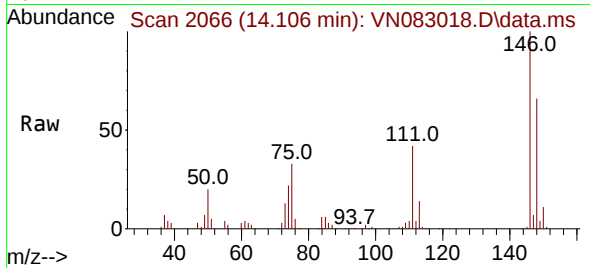
Tgt Ion:117 Resp: 38872
Ion Ratio Lower Upper
117 100
201 69.8 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 52.569 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

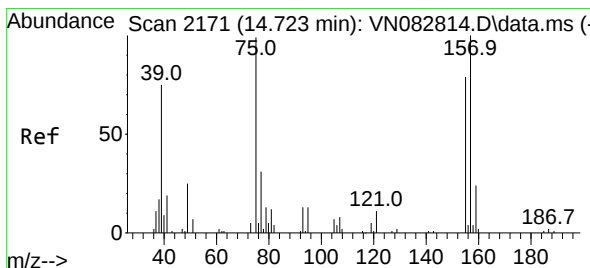
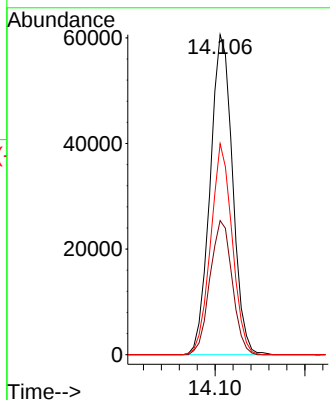
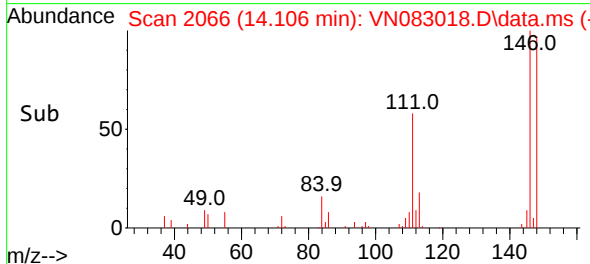
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



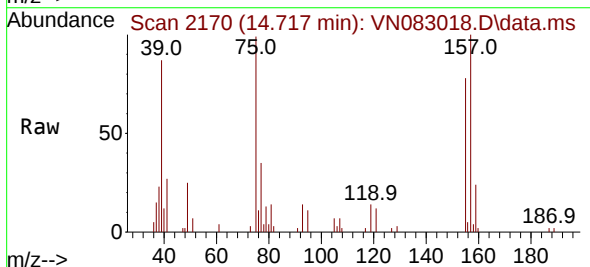
Tgt Ion:146 Resp: 10514
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.2
148 63.4 32.1 96.5

Manual Integrations
APPROVED

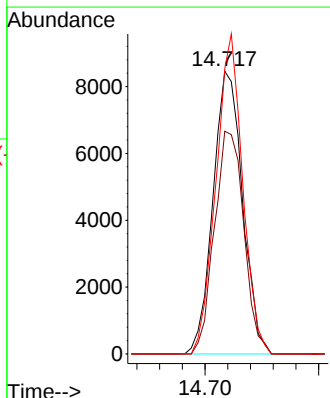
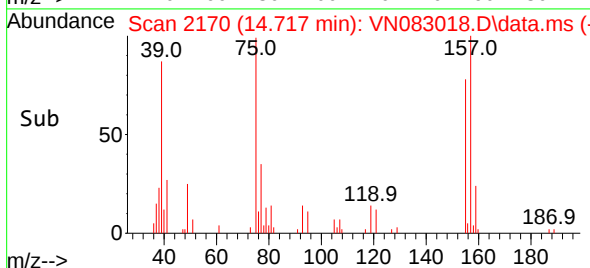
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

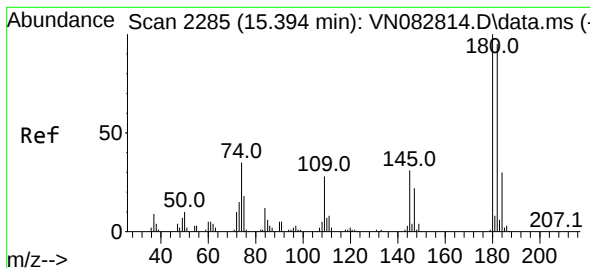


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.801 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



Tgt Ion: 75 Resp: 15252
Ion Ratio Lower Upper
75 100
155 78.5 36.6 109.8
157 102.2 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 45.631 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

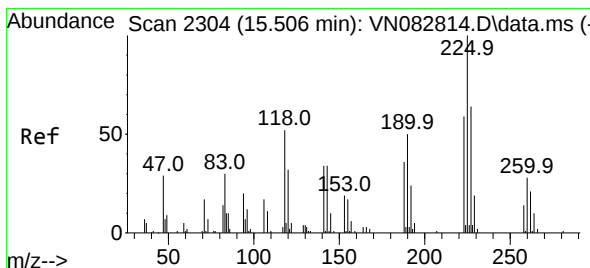
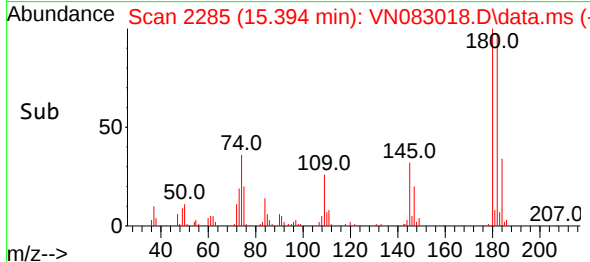
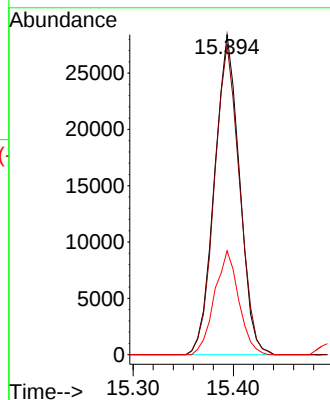
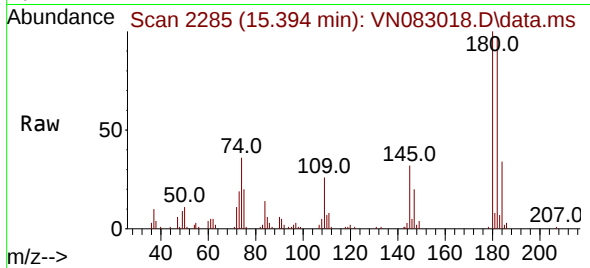
Tgt Ion:180	Resp:	4916
Ion Ratio	Lower	Upper
180	100	
182	97.7	47.3 141.8
145	31.5	15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#94

Hexachlorobutadiene

Concen: 46.235 ug/l

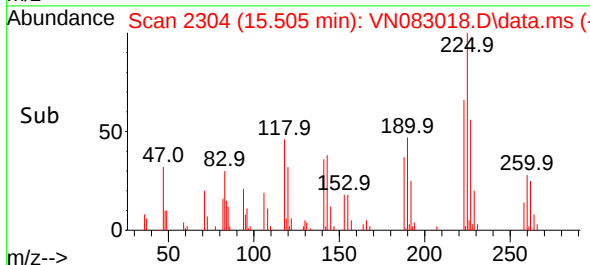
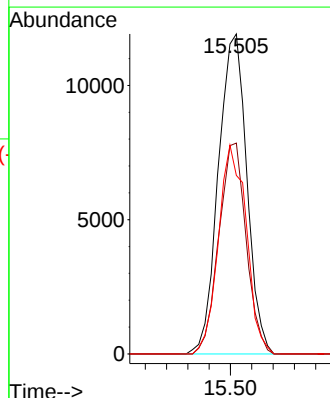
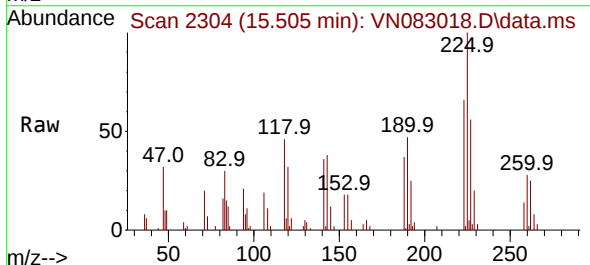
RT: 15.505 min Scan# 2304

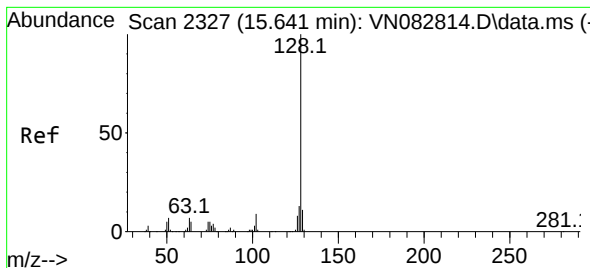
Delta R.T. 0.000 min

Lab File: VN083018.D

Acq: 23 Jul 2024 18:00

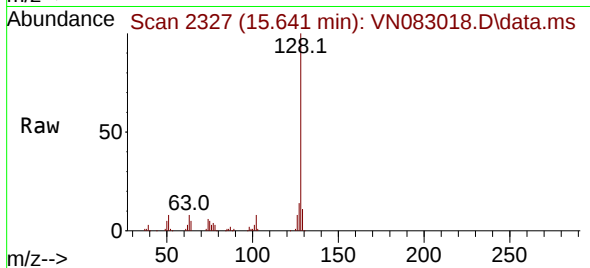
Tgt Ion:225	Resp:	22082
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.9 95.7
227	63.8	32.5 97.5





#95
Naphthalene
Concen: 48.973 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00

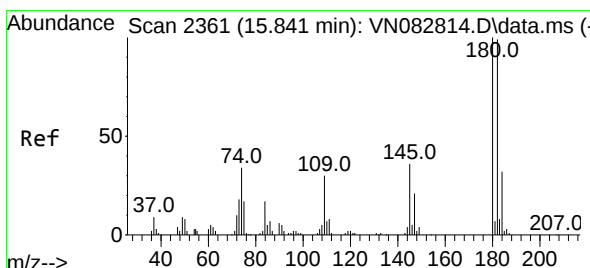
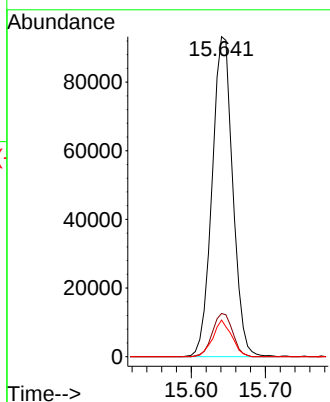
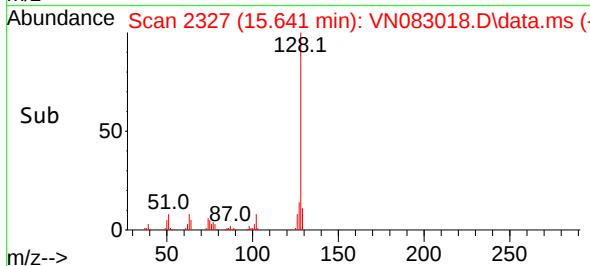
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



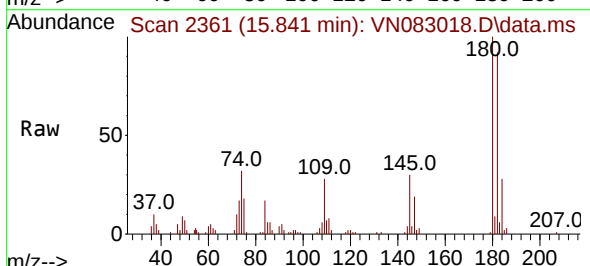
Tgt Ion:128 Resp: 18071
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.723 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083018.D
Acq: 23 Jul 2024 18:00



Tgt Ion:180 Resp: 52865
Ion Ratio Lower Upper
180 100
182 95.8 48.9 146.8
145 31.1 16.8 50.4

