

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082913.D
 Acq On : 12 Jul 2024 20:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 15 01:21:04 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	8.224	168	124588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	222461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99747	57.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.220%	
35) Dibromofluoromethane	8.165	113	77357	54.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.380%	
50) Toluene-d8	10.571	98	293819	55.728	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.460%	
62) 4-Bromofluorobenzene	12.847	95	104261	55.052	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 110.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83294	51.640	ug/l	99
3) Chloromethane	2.359	50	73365	47.961	ug/l	98
4) Vinyl Chloride	2.512	62	81324	50.621	ug/l	98
5) Bromomethane	2.936	94	47661	41.147	ug/l	100
6) Chloroethane	3.106	64	57556	52.353	ug/l	99
7) Trichlorofluoromethane	3.489	101	108328	46.882	ug/l	96
8) Diethyl Ether	3.959	74	38961	49.268	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	68202	52.151	ug/l	99
10) Methyl Iodide	4.589	142	68636	51.191	ug/l	96
11) Tert butyl alcohol	5.524	59	75808	258.073	ug/l	99
12) 1,1-Dichloroethene	4.336	96	65441	51.454	ug/l	89
13) Acrolein	4.177	56	66132	311.830	ug/l	99
14) Allyl chloride	5.018	41	110264	55.603	ug/l	89
15) Acrylonitrile	5.724	53	192717	285.475	ug/l	99
16) Acetone	4.430	43	161928	263.346	ug/l	94
17) Carbon Disulfide	4.712	76	179392	47.203	ug/l	100
18) Methyl Acetate	5.024	43	94434	58.040	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	234190	53.380	ug/l	98
20) Methylene Chloride	5.277	84	76713	51.660	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	70080	50.853	ug/l	90
22) Diisopropyl ether	6.671	45	243125	58.603	ug/l	98
23) Vinyl Acetate	6.606	43	981937	298.041	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	139233	55.328	ug/l	97
25) 2-Butanone	7.482	43	261944	282.131	ug/l	93
26) 2,2-Dichloropropane	7.488	77	100699	43.038	ug/l	94
27) cis-1,2-Dichloroethene	7.488	96	87303	54.112	ug/l	87
28) Bromochloromethane	7.812	49	56617	52.444	ug/l	85
29) Tetrahydrofuran	7.841	42	170758	292.140	ug/l #	86
30) Chloroform	7.965	83	144707	54.203	ug/l	99
31) Cyclohexane	8.259	56	109249	47.847	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	127796	51.558	ug/l	97
36) 1,1-Dichloropropene	8.371	75	99639	50.627	ug/l	98
37) Ethyl Acetate	7.565	43	107221	53.511	ug/l	95
38) Carbon Tetrachloride	8.365	117	115366	48.684	ug/l	99
39) Methylcyclohexane	9.600	83	99113	46.621	ug/l	93
40) Benzene	8.606	78	313191	51.733	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	59183	54.825	ug/l	94
42) 1,2-Dichloroethane	8.671	62	110332	50.624	ug/l	98
43) Isopropyl Acetate	8.688	43	251827	67.704	ug/l	96
44) Trichloroethene	9.353	130	70716	45.594	ug/l	97
45) 1,2-Dichloropropane	9.624	63	77706	54.979	ug/l	99
46) Dibromomethane	9.712	93	56758	51.547	ug/l	100
47) Bromodichloromethane	9.888	83	117164	51.498	ug/l	98
48) Methyl methacrylate	9.682	41	84292	53.650	ug/l #	90
49) 1,4-Dioxane	9.694	88	36838	1079.928	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	562583	283.210	ug/l	92
52) Toluene	10.629	92	197999	52.356	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	118414	50.523	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	124210	50.068	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	75682	54.423	ug/l	96
56) Ethyl methacrylate	10.876	69	125524	58.018	ug/l	87
57) 1,3-Dichloropropane	11.165	76	131134	53.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	326923	294.481	ug/l	96
59) 2-Hexanone	11.194	43	430161	291.261	ug/l	94
60) Dibromochloromethane	11.365	129	92069	51.981	ug/l	99
61) 1,2-Dibromoethane	11.470	107	77313	52.352	ug/l	98
64) Tetrachloroethene	11.106	164	62401	40.015	ug/l	97
65) Chlorobenzene	11.894	112	217181	48.489	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	78876	49.509	ug/l	99
67) Ethyl Benzene	11.965	91	380453	50.540	ug/l	100
68) m/p-Xylenes	12.070	106	293719	103.348	ug/l	96
69) o-Xylene	12.400	106	139857	51.358	ug/l	95
70) Styrene	12.412	104	244687	54.381	ug/l	98
71) Bromoform	12.576	173	64987	51.868	ug/l #	100
73) Isopropylbenzene	12.700	105	354357	50.004	ug/l	99
74) N-amyl acetate	12.494	43	169955	57.980	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	114592	53.992	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	149030	88.635	ug/l	42
77) Bromobenzene	12.982	156	87689	47.964	ug/l	98
78) n-propylbenzene	13.035	91	411008	50.443	ug/l	98
79) 2-Chlorotoluene	13.129	91	256566	49.420	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	292932	51.138	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	45471	53.187	ug/l	91
82) 4-Chlorotoluene	13.223	91	256012	49.821	ug/l	97
83) tert-Butylbenzene	13.441	119	250263	49.280	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	299936	51.373	ug/l	100
85) sec-Butylbenzene	13.617	105	344561	50.209	ug/l	100
86) p-Isopropyltoluene	13.729	119	289378	50.541	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	161774	48.983	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	160585	47.016	ug/l	99
89) n-Butylbenzene	14.059	91	236859	48.286	ug/l	99
90) Hexachloroethane	14.335	117	58415	48.216	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	154548	48.196	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23385	47.627	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	77689	44.978	ug/l	99
94) Hexachlorobutadiene	15.500	225	31971	41.753	ug/l	99
95) Naphthalene	15.641	128	297998	50.372	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	80435	45.291	ug/l	98

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

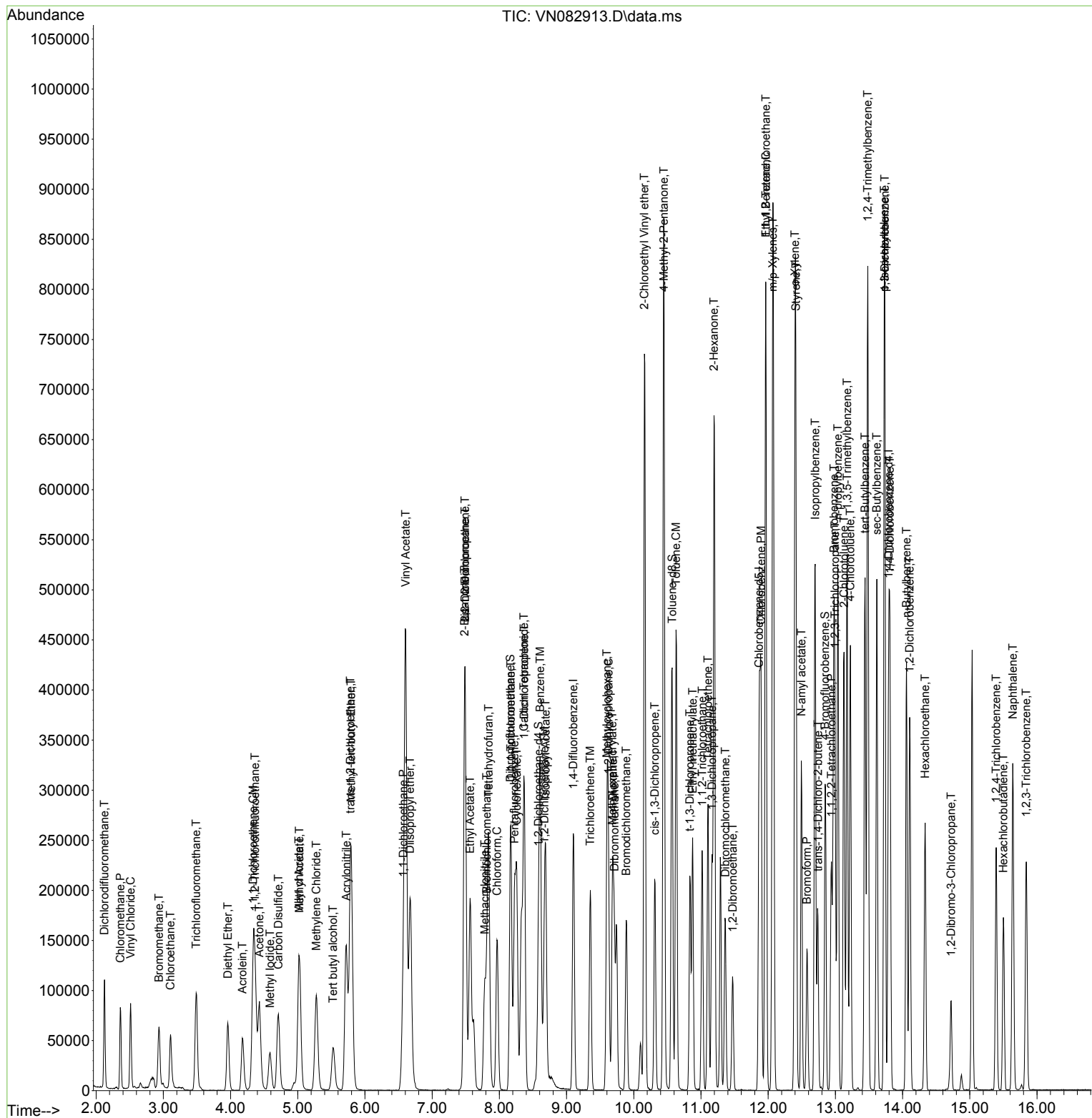
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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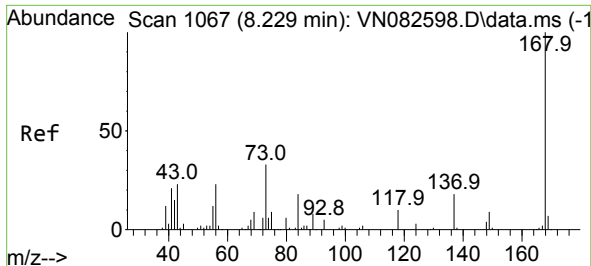
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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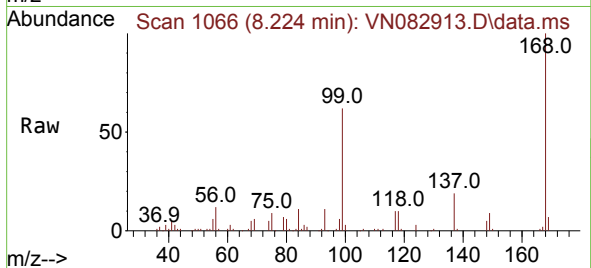
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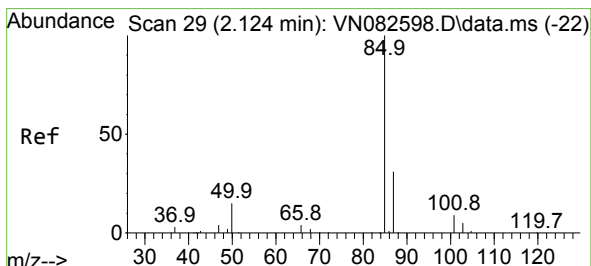
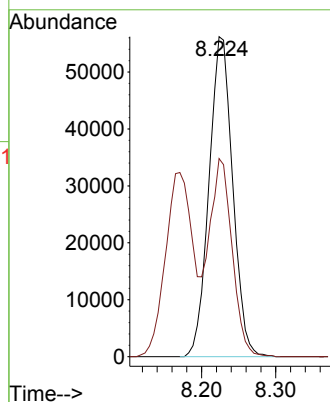
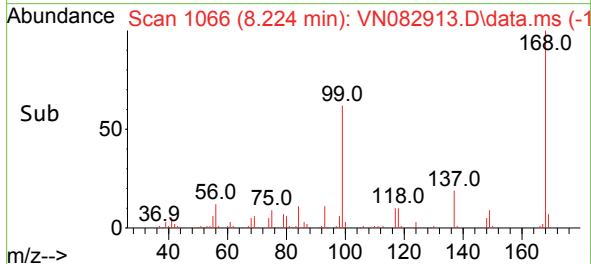


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN082913.D
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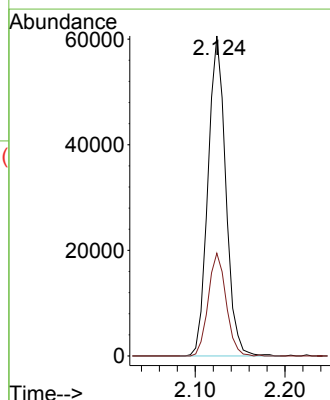
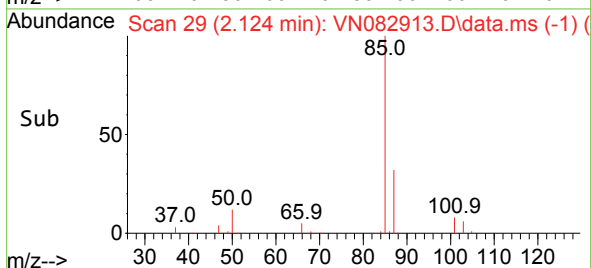
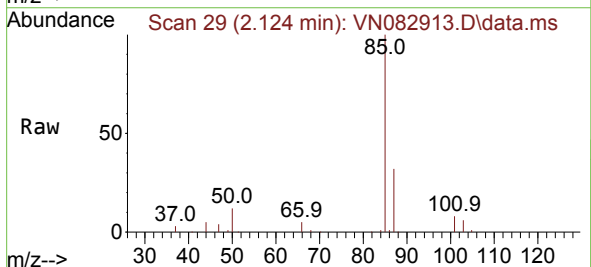


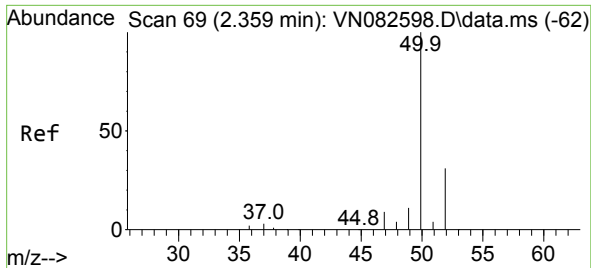
Tgt Ion:168 Resp: 124588
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 51.640 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 85 Resp: 83294
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0

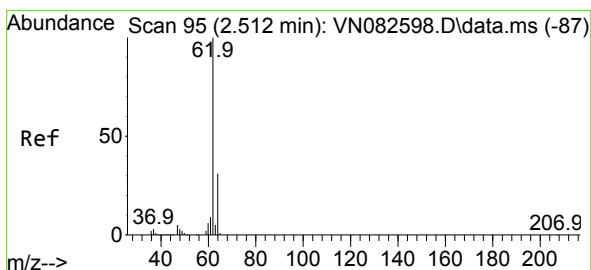
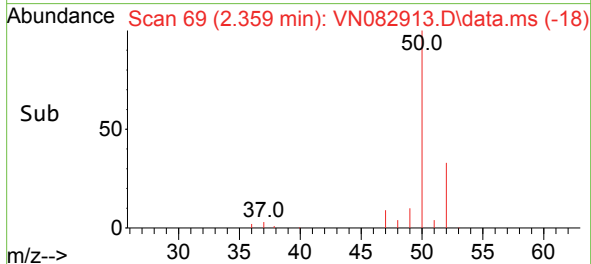
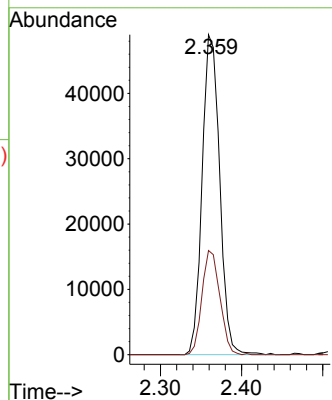
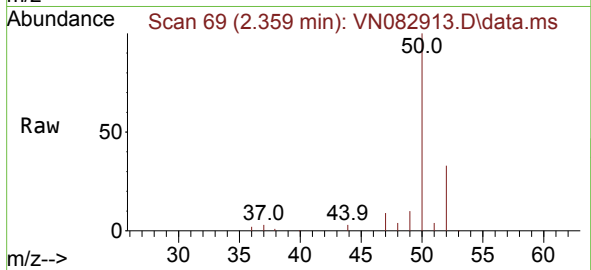




#3
Chloromethane
Concen: 47.961 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

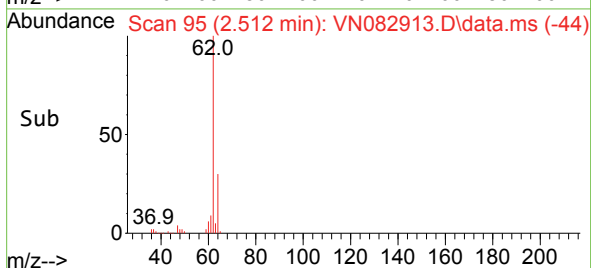
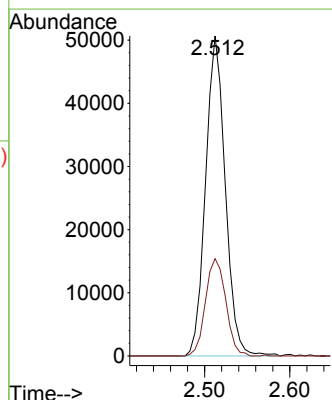
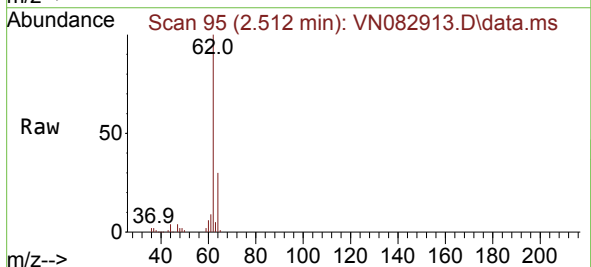
Instrument :
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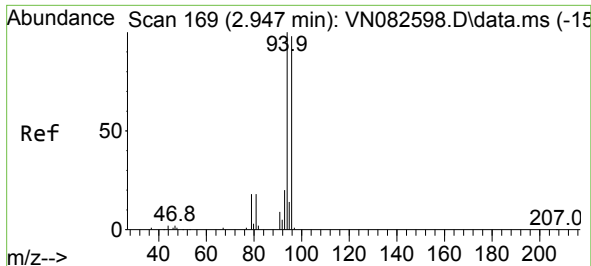
Tgt Ion: 50 Resp: 73365
Ion Ratio Lower Upper
50 100
52 32.5 25.0 37.4



#4
Vinyl Chloride
Concen: 50.621 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 62 Resp: 81324
Ion Ratio Lower Upper
62 100
64 30.4 25.0 37.6

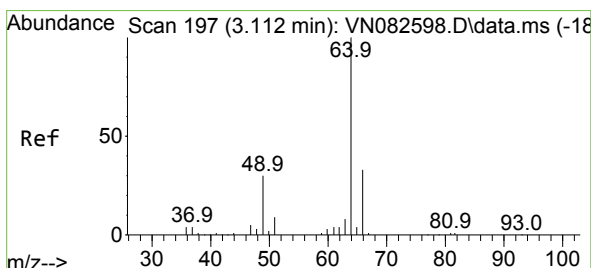
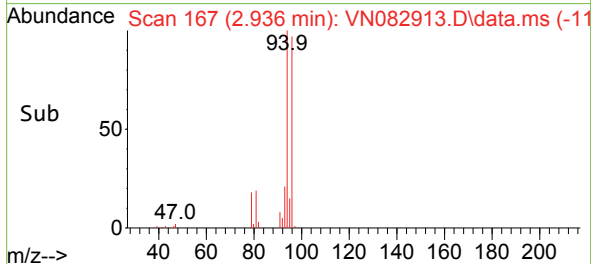
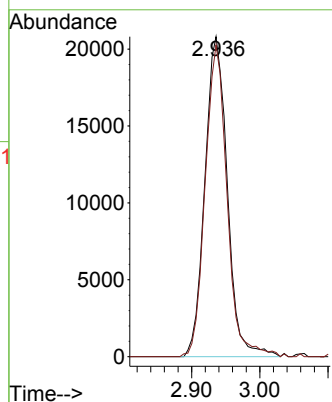
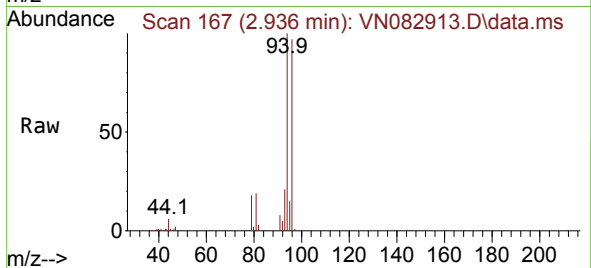




#5
Bromomethane
Concen: 41.147 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.011 min
Lab File: VN082913.D
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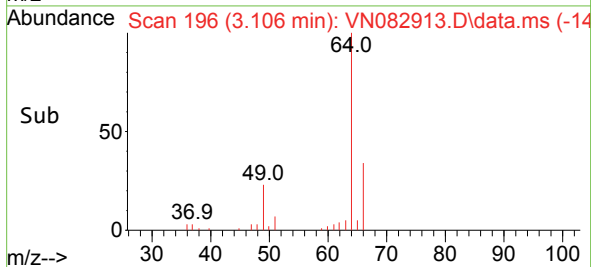
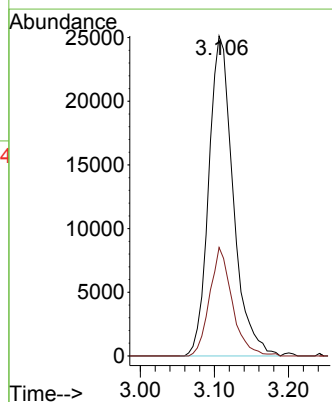
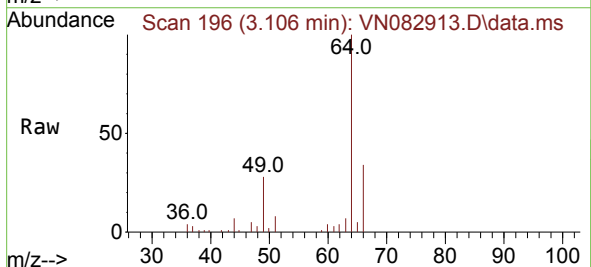
Instrument :
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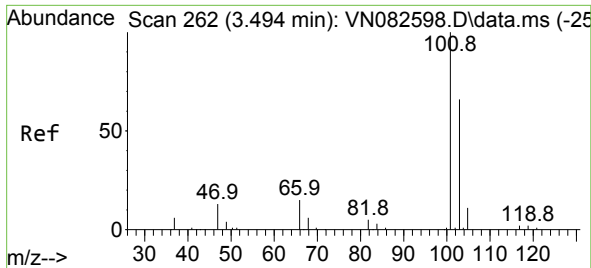
Tgt Ion: 94 Resp: 47661
Ion Ratio Lower Upper
94 100
96 97.4 78.0 117.0



#6
Chloroethane
Concen: 52.353 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 64 Resp: 57556
Ion Ratio Lower Upper
64 100
66 33.9 26.6 40.0

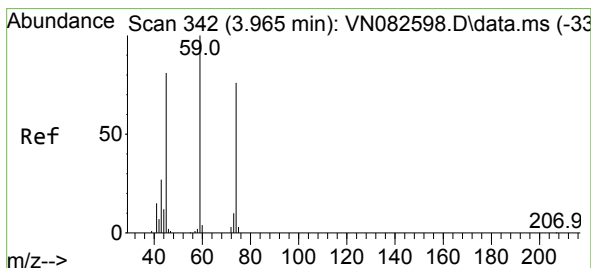
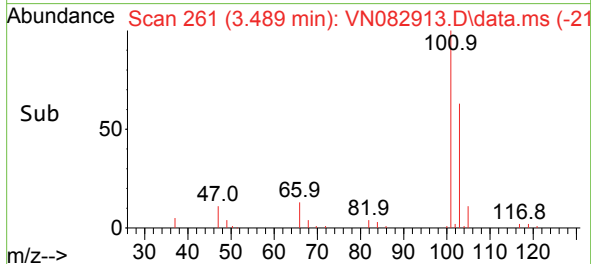
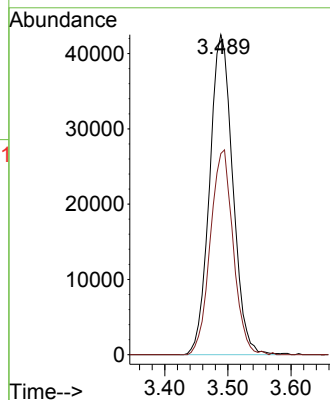
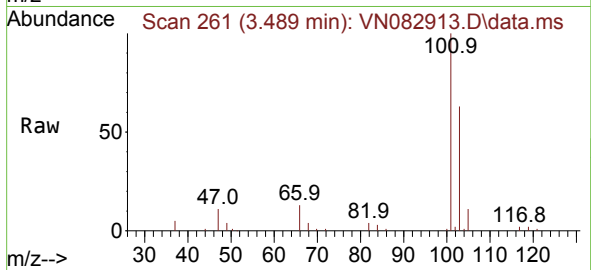




#7
 Trichlorofluoromethane
 Concen: 46.882 ug/l
 RT: 3.489 min Scan# 20
 Delta R.T. -0.005 min
 Lab File: VN082913.D
 Acq: 12 Jul 2024 20:43

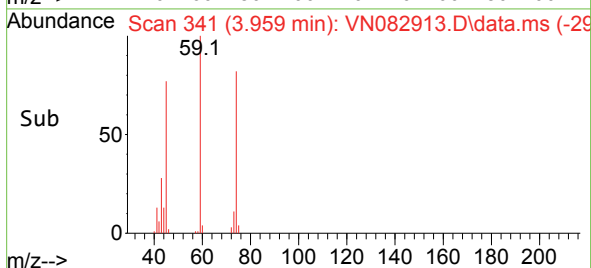
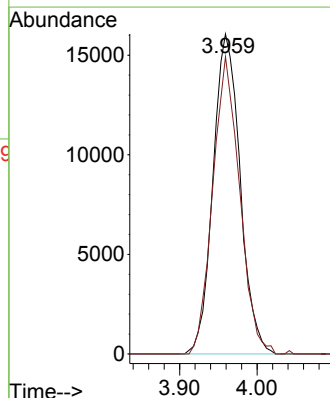
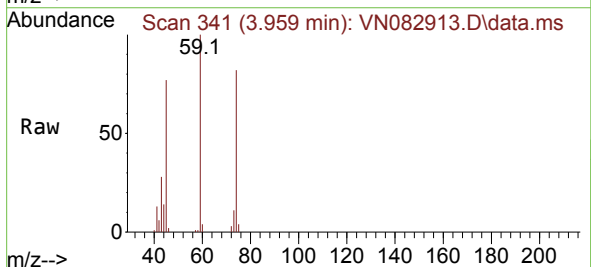
Instrument :
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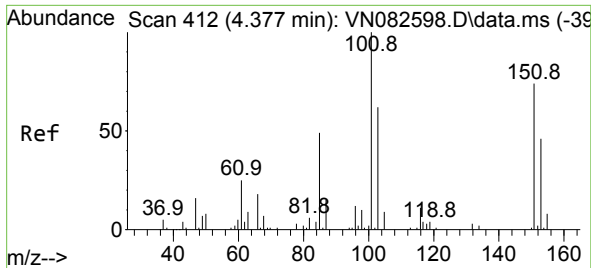
Tgt Ion:101 Resp: 108328
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.7 79.1



#8
 Diethyl Ether
 Concen: 49.268 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN082913.D
 Acq: 12 Jul 2024 20:43

Tgt Ion: 74 Resp: 38961
 Ion Ratio Lower Upper
 74 100
 45 92.3 55.5 166.3

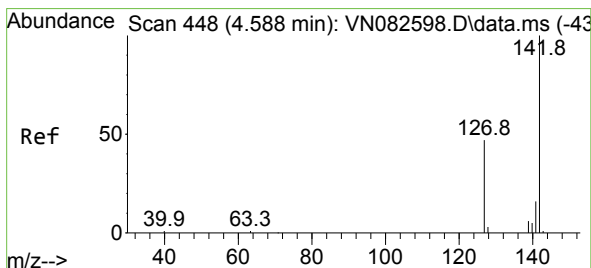
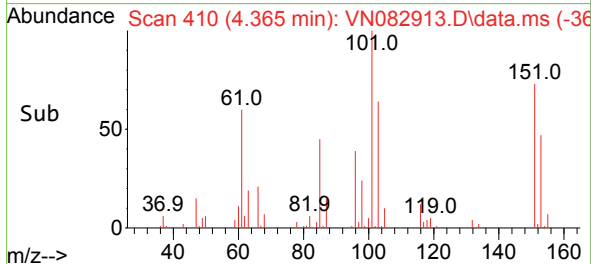
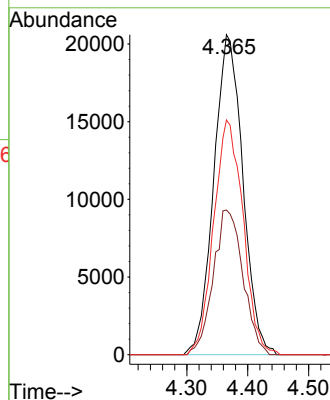
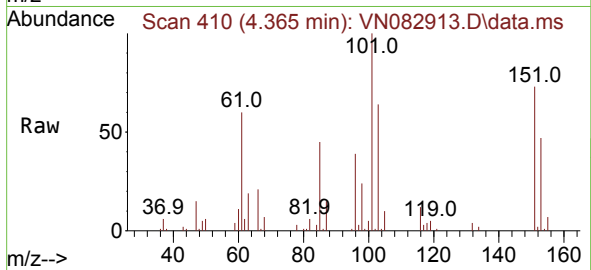




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.151 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

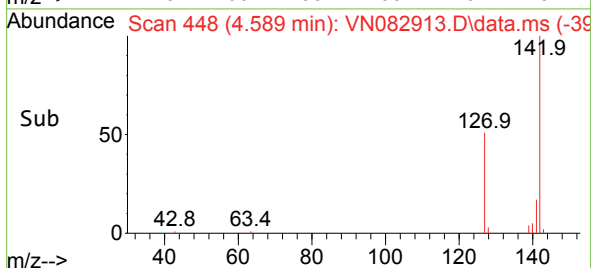
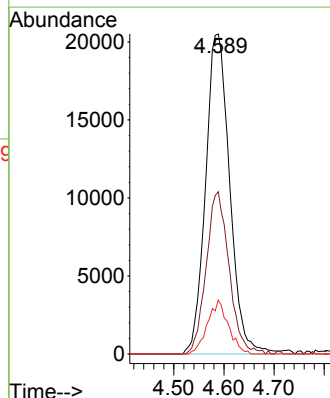
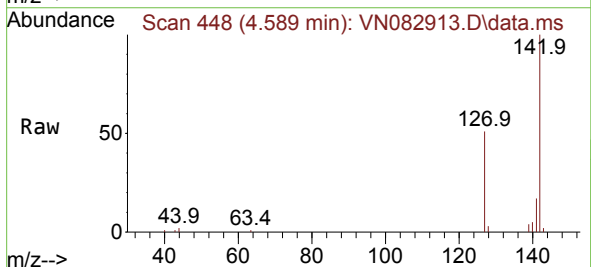
Instrument :
MSVOA_N
ClientSampleId :

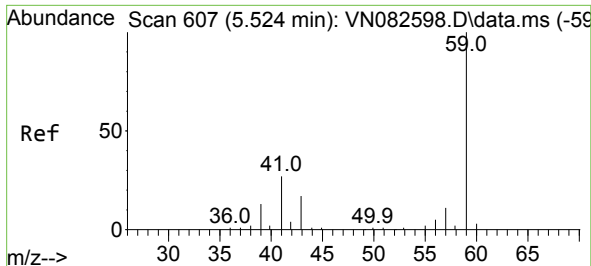
Tgt Ion:101 Resp: 68202
Ion Ratio Lower Upper
101 100
85 46.3 38.3 57.5
151 74.2 59.3 88.9



#10
Methyl Iodide
Concen: 51.191 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

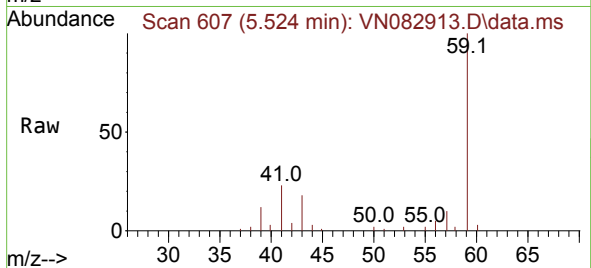
Tgt Ion:142 Resp: 68636
Ion Ratio Lower Upper
142 100
127 50.7 37.5 56.3
141 16.8 13.1 19.7



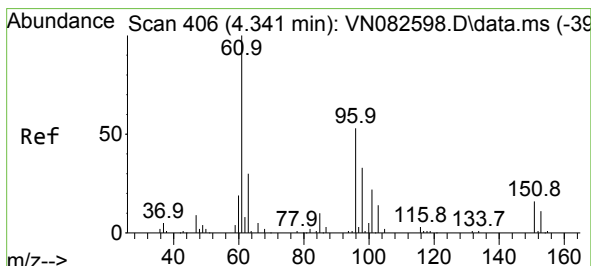
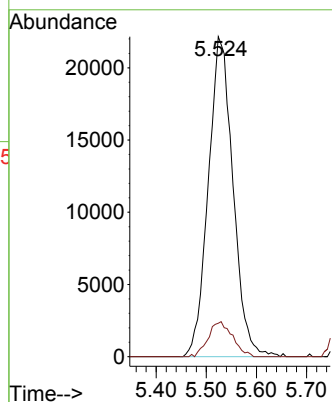
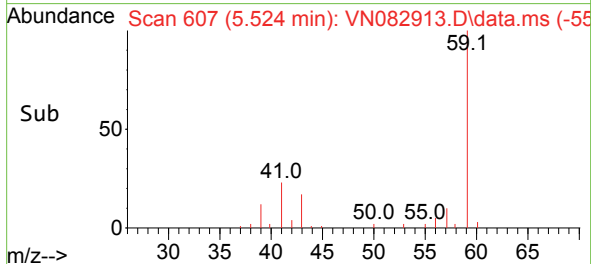


#11
Tert butyl alcohol
Concen: 258.073 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

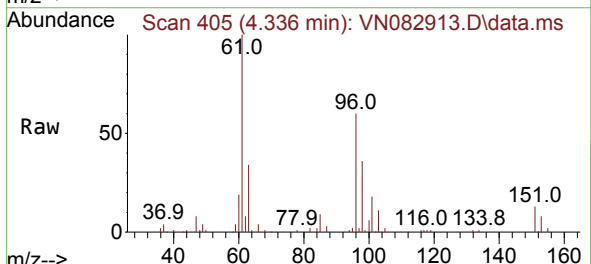
Instrument :
MSVOA_N
ClientSampleId :



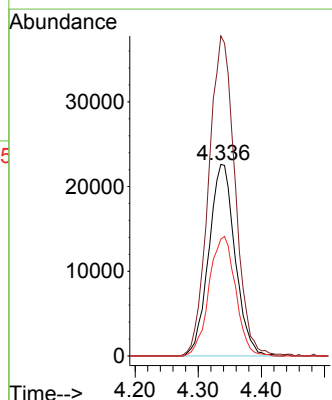
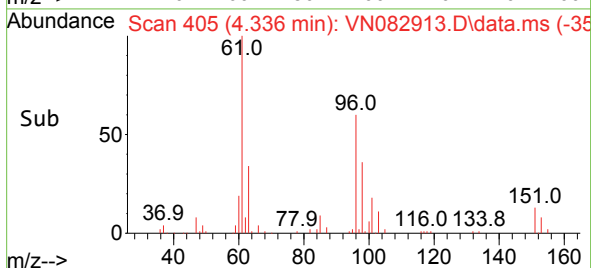
Tgt Ion: 59 Resp: 75808
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3

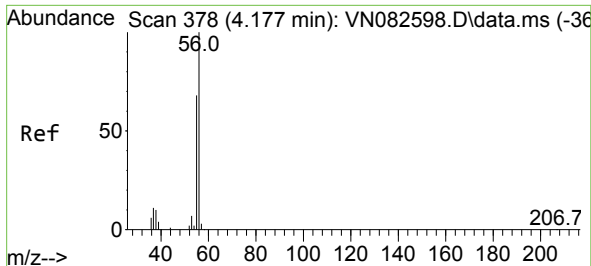


#12
1,1-Dichloroethene
Concen: 51.454 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43



Tgt Ion: 96 Resp: 65441
Ion Ratio Lower Upper
96 100
61 167.1 149.7 224.5
98 61.0 50.1 75.1





#13

Acrolein

Concen: 311.830 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

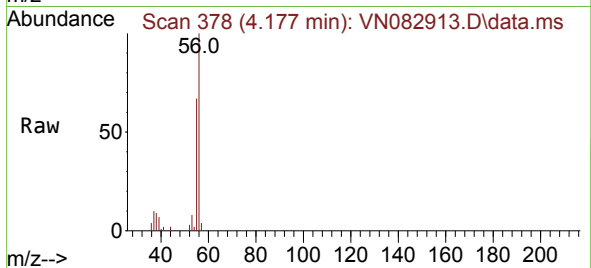
Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :

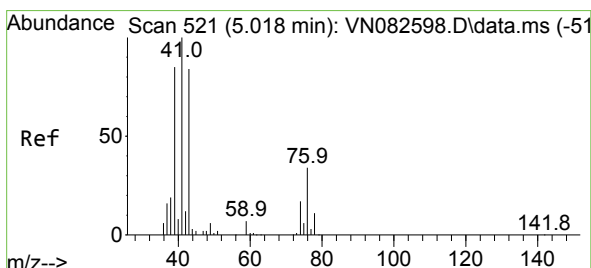
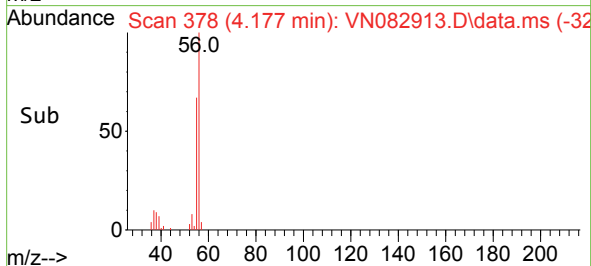
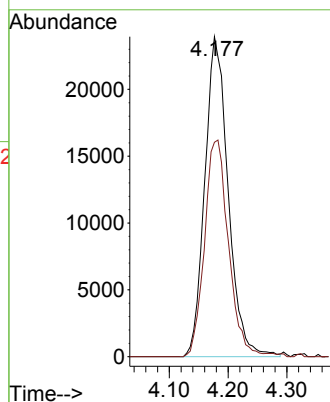


Tgt Ion: 56 Resp: 66132

Ion Ratio Lower Upper

56 100

55 69.8 56.4 84.6



#14

Allyl chloride

Concen: 55.603 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

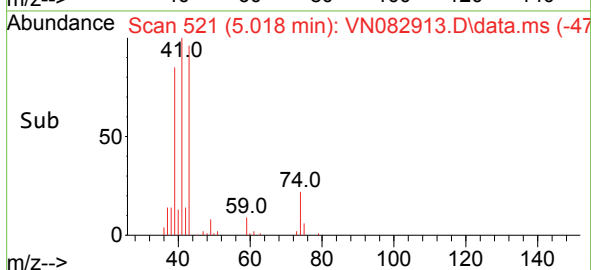
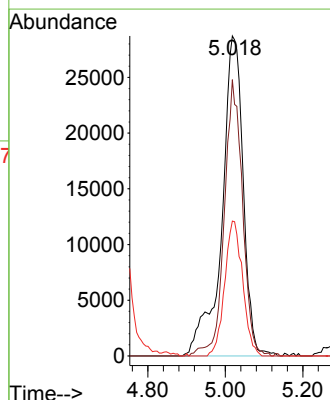
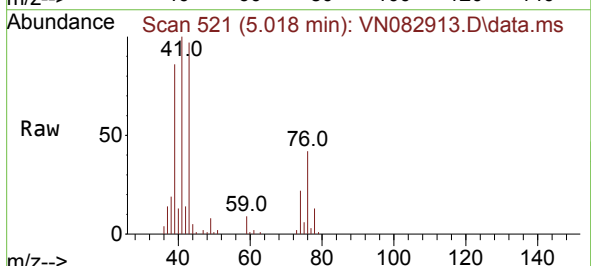
Tgt Ion: 41 Resp: 110264

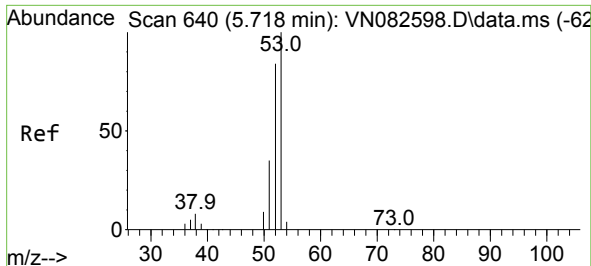
Ion Ratio Lower Upper

41 100

39 73.2 67.8 101.6

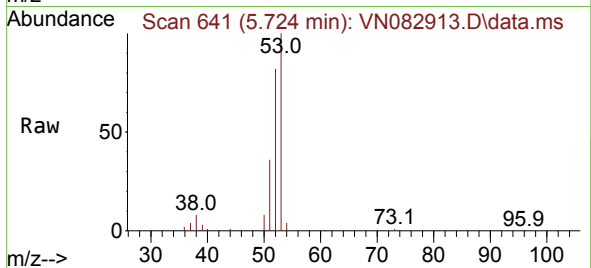
76 35.4 25.8 38.8





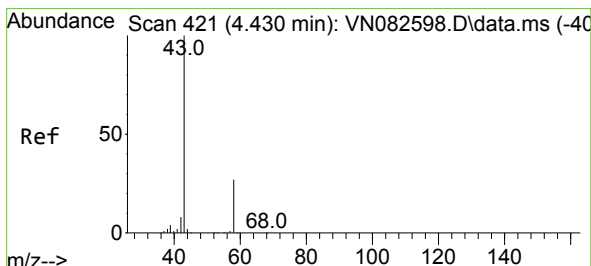
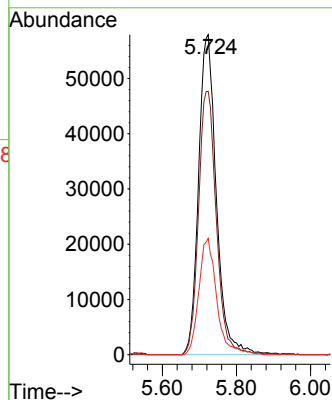
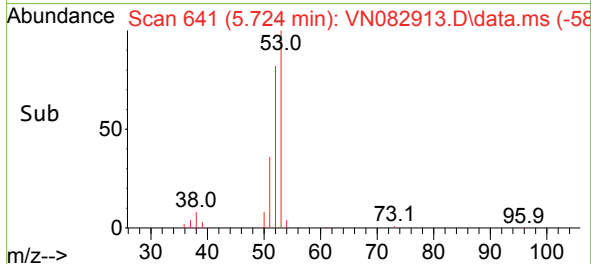
#15
Acrylonitrile
Concen: 285.475 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 192717

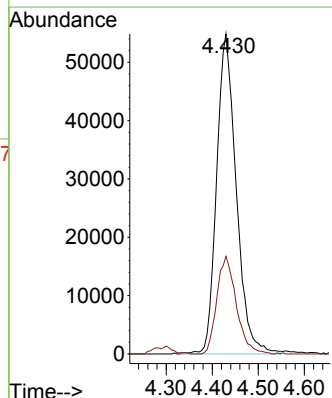
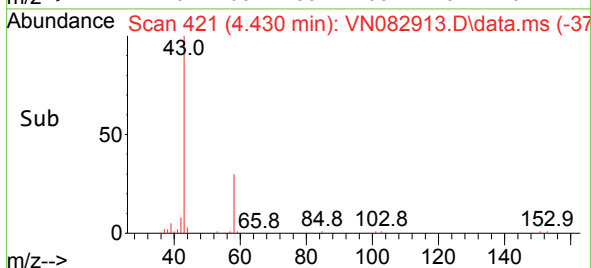
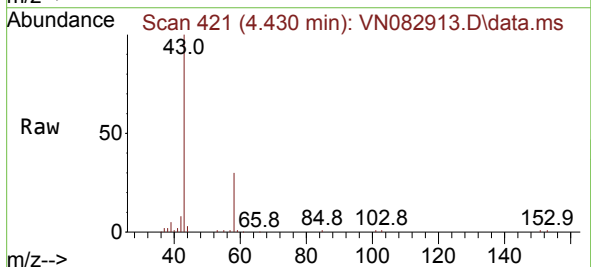
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.6	100.0
51	36.6	30.1	45.1

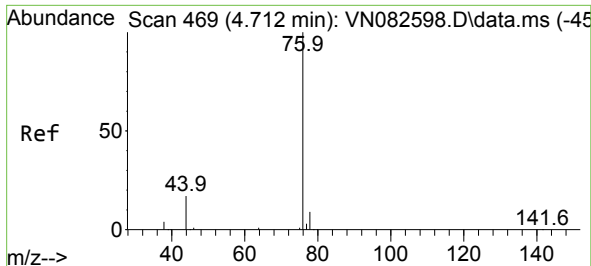


#16
Acetone
Concen: 263.346 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 43 Resp: 161928

Ion	Ratio	Lower	Upper
43	100		
58	30.5	21.8	32.6

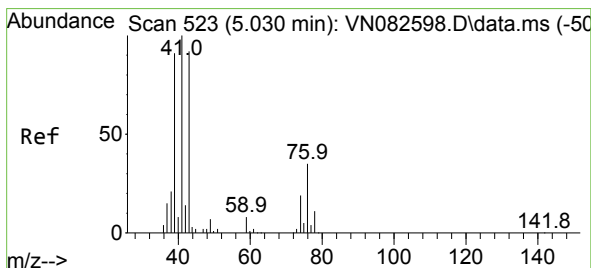
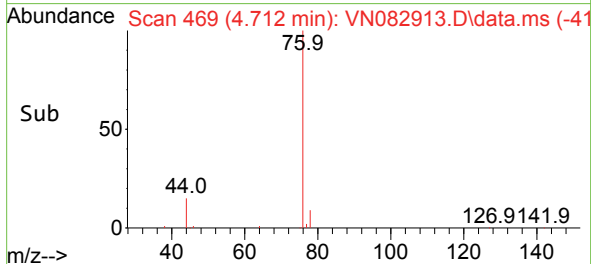
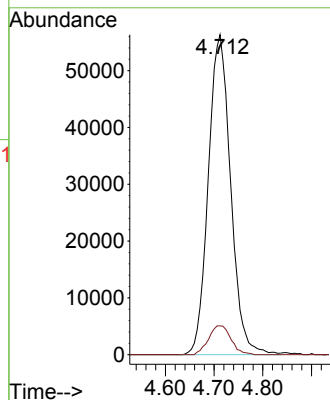
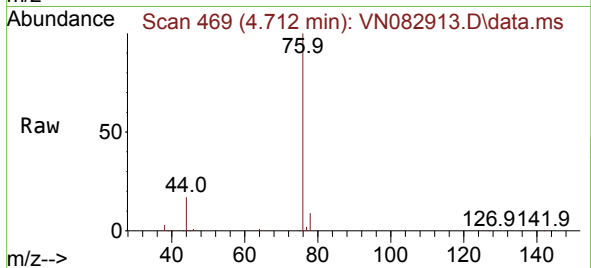




#17
Carbon Disulfide
Concen: 47.203 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

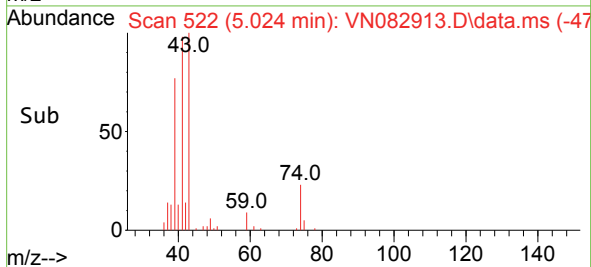
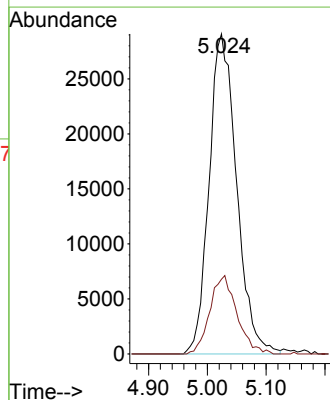
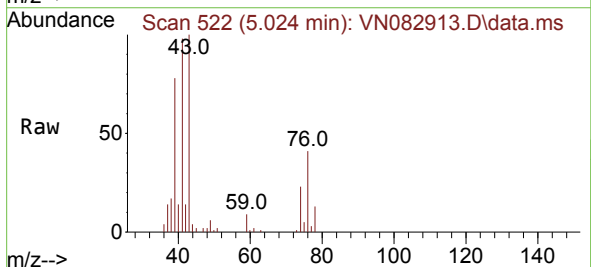
Instrument :
MSVOA_N
ClientSampleId :

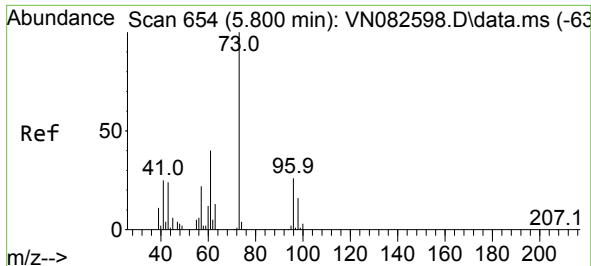
Tgt Ion: 76 Resp: 179392
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 58.040 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 43 Resp: 94434
Ion Ratio Lower Upper
43 100
74 24.1 16.3 24.5

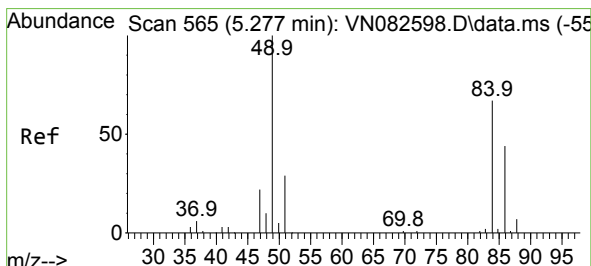
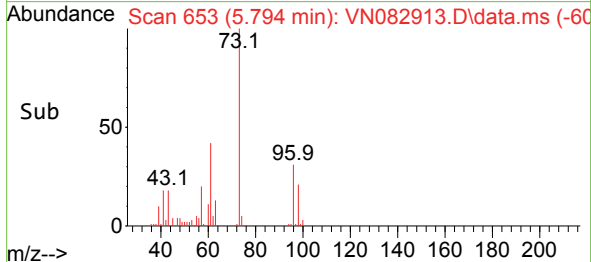
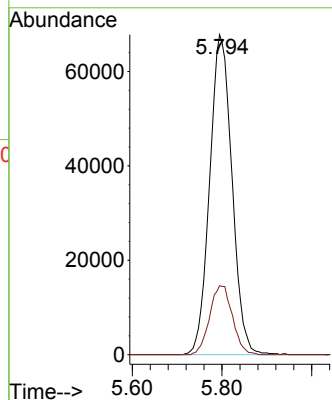
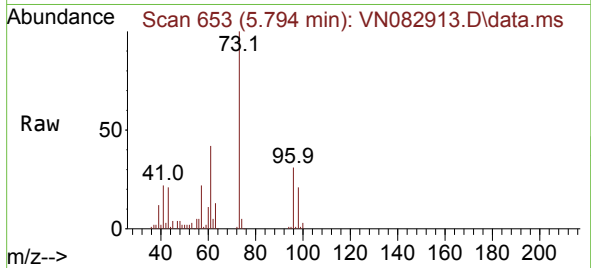




#19
Methyl tert-butyl Ether
Concen: 53.380 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

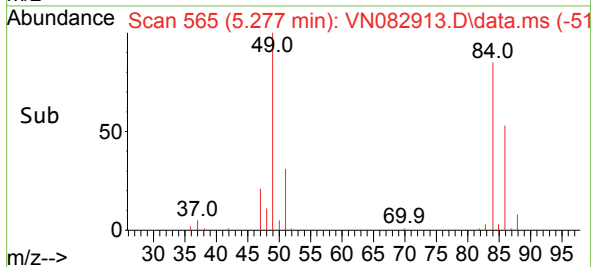
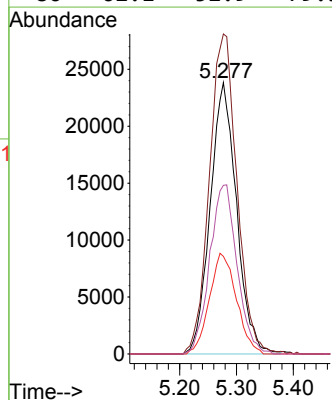
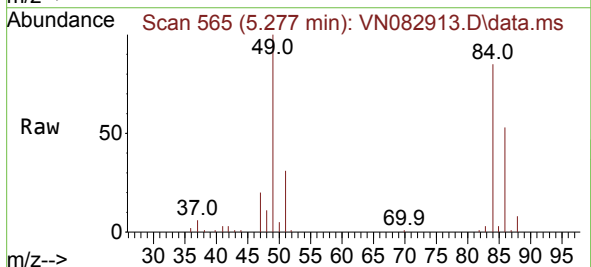
Instrument :
MSVOA_N
ClientSampleId :

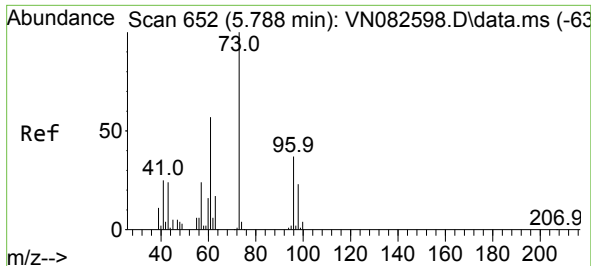
Tgt Ion: 73 Resp: 234190
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9



#20
Methylene Chloride
Concen: 51.660 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 84 Resp: 76713
Ion Ratio Lower Upper
84 100
49 117.9 119.6 179.4#
51 36.0 34.8 52.2
86 62.1 52.9 79.3

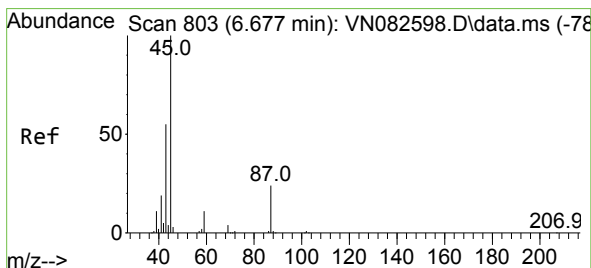
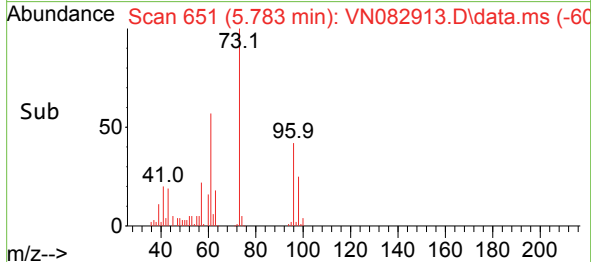
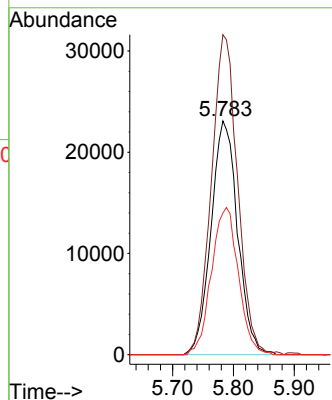
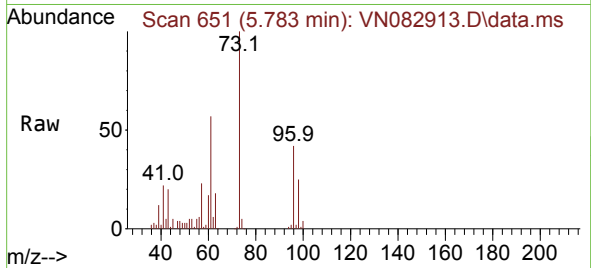




#21
trans-1,2-Dichloroethene
Concen: 50.853 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

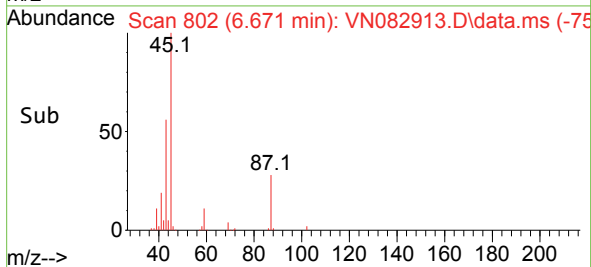
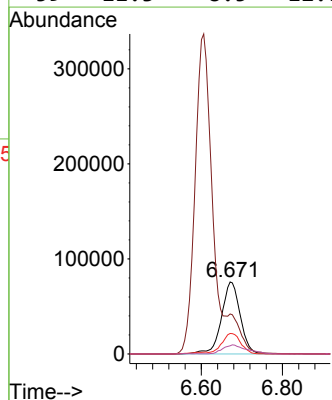
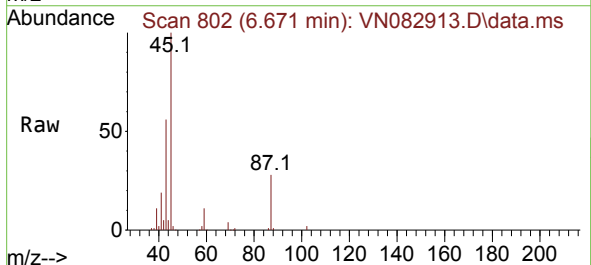
Instrument :
MSVOA_N
ClientSampleId :

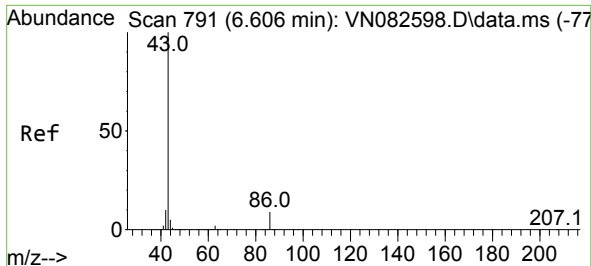
Tgt Ion: 96 Resp: 70080
Ion Ratio Lower Upper
96 100
61 136.8 123.4 185.2
98 60.6 49.3 73.9



#22
Diisopropyl ether
Concen: 58.603 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

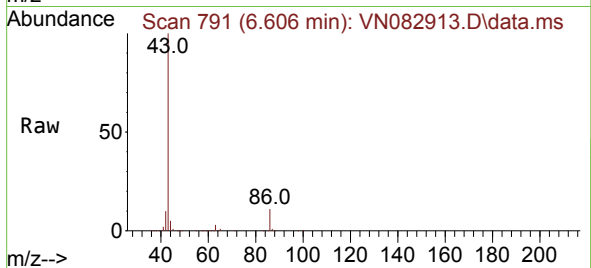
Tgt Ion: 45 Resp: 243125
Ion Ratio Lower Upper
45 100
43 55.0 44.0 66.0
87 28.4 19.7 29.5
59 11.3 8.5 12.7



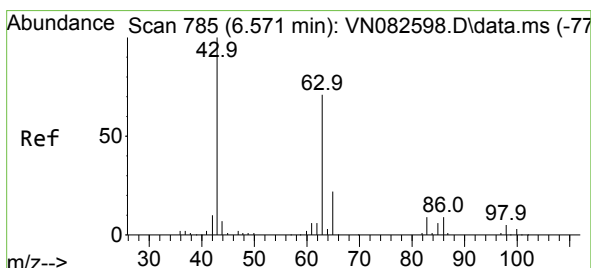
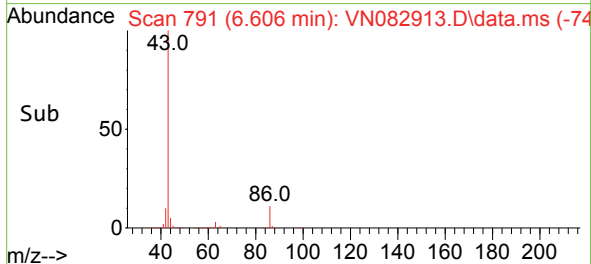
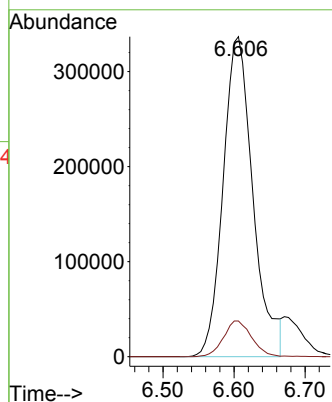


#23
 Vinyl Acetate
 Concen: 298.041 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082913.D
 Acq: 12 Jul 2024 20:43

Instrument :
 MSVOA_N
 ClientSampleId :

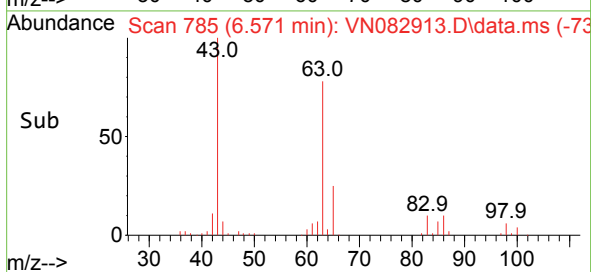
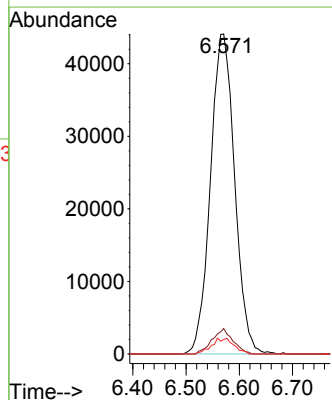
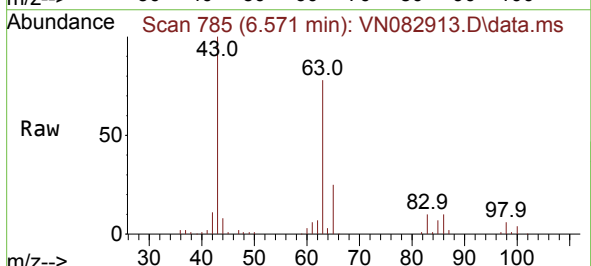


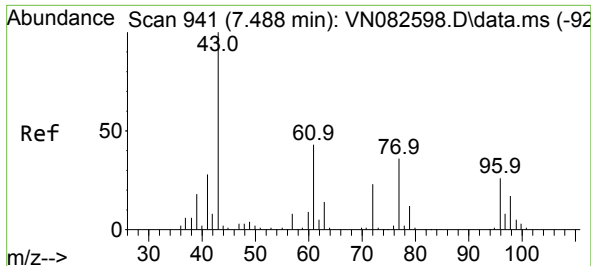
Tgt Ion: 43 Resp: 981937
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 55.328 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082913.D
 Acq: 12 Jul 2024 20:43

Tgt Ion: 63 Resp: 139233
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.9
 100 4.5 2.0 6.0

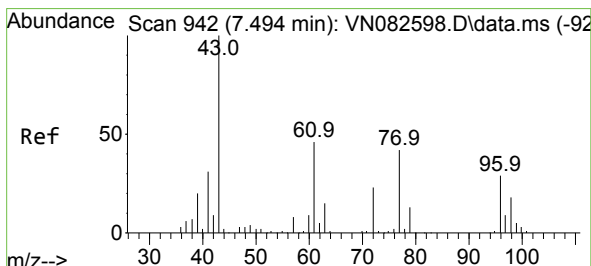
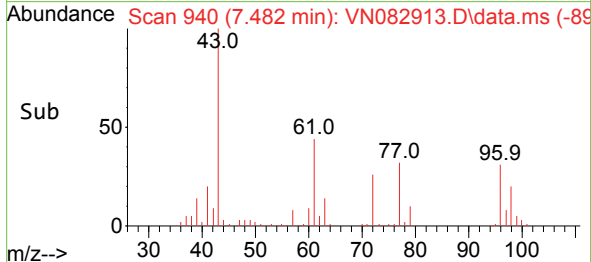
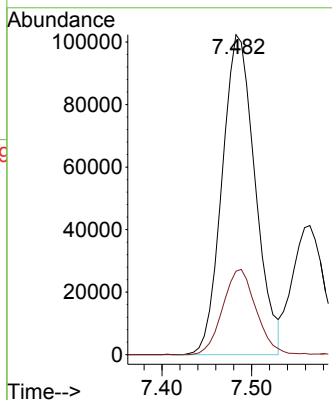
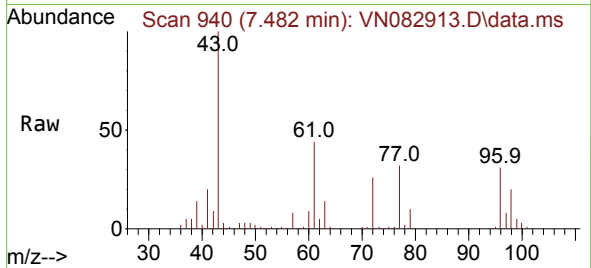




#25
2-Butanone
Concen: 282.131 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

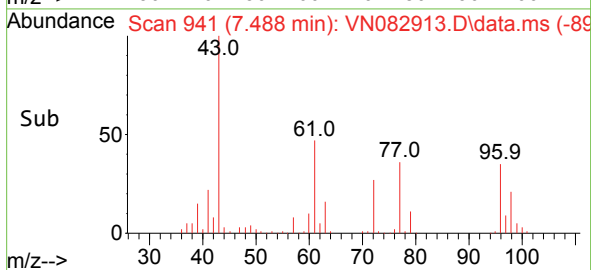
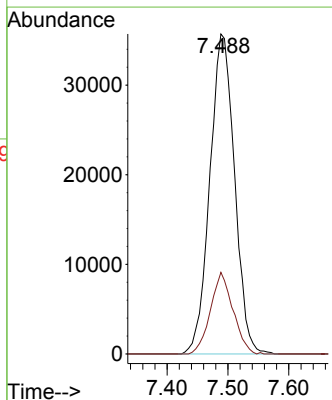
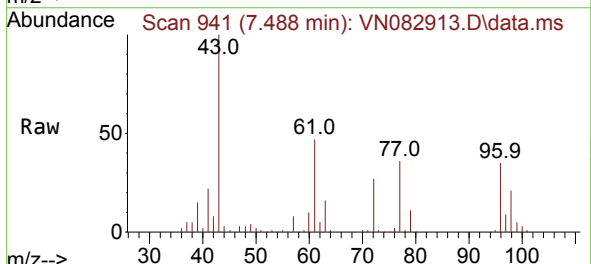
Instrument :
MSVOA_N
ClientSampleId :

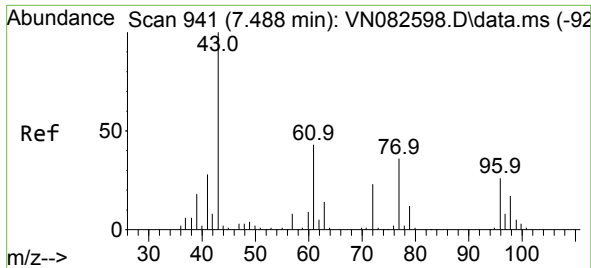
Tgt Ion: 43 Resp: 261944
Ion Ratio Lower Upper
43 100
72 26.1 18.2 27.2



#26
2,2-Dichloropropane
Concen: 43.038 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 77 Resp: 100699
Ion Ratio Lower Upper
77 100
97 23.3 10.3 30.9

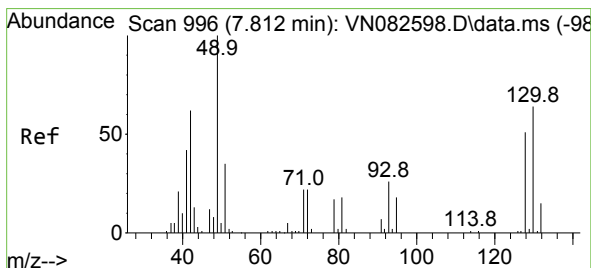
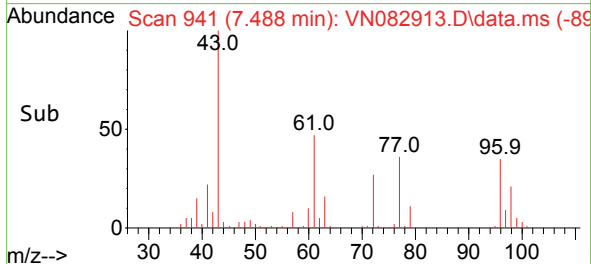
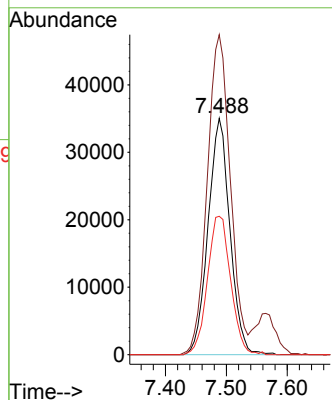
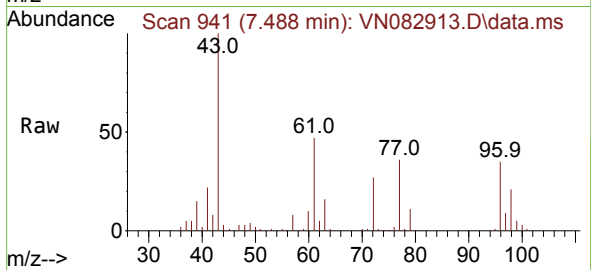




#27
 cis-1,2-Dichloroethene
 Concen: 54.112 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082913.D
 Acq: 12 Jul 2024 20:43

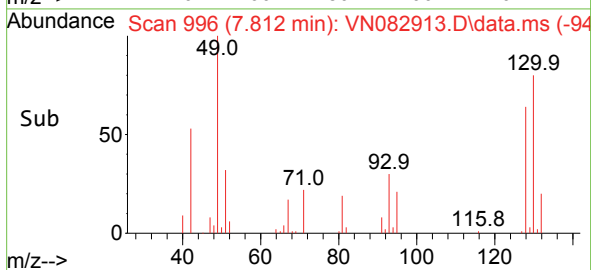
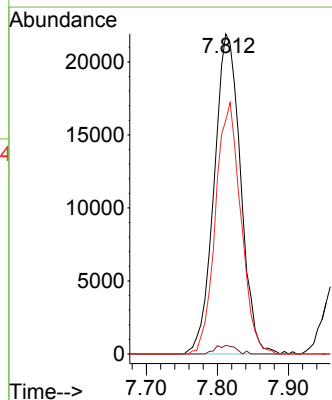
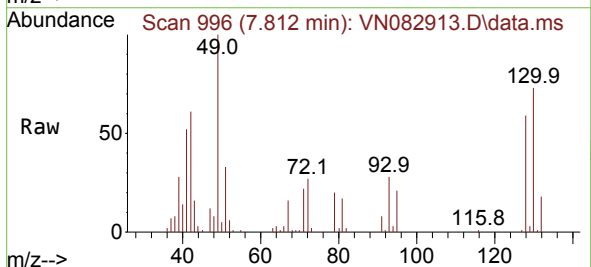
Instrument :
 MSVOA_N
 ClientSampleId :

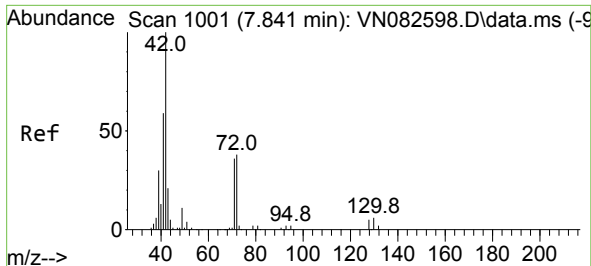
Tgt Ion: 96 Resp: 87303
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 329.6
 98 62.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 52.444 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082913.D
 Acq: 12 Jul 2024 20:43

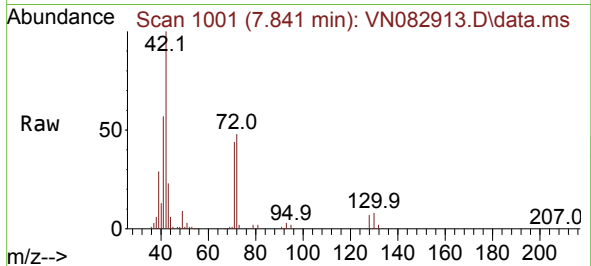
Tgt Ion: 49 Resp: 56617
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 75.3 50.5 75.7



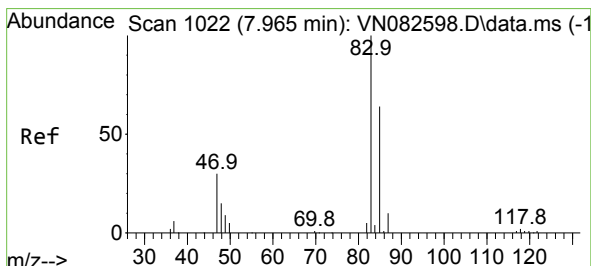
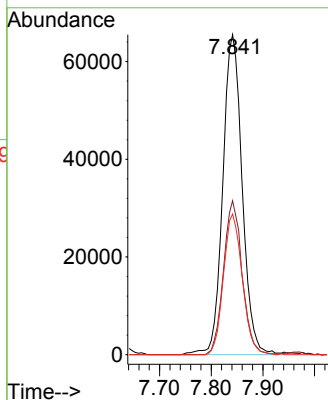
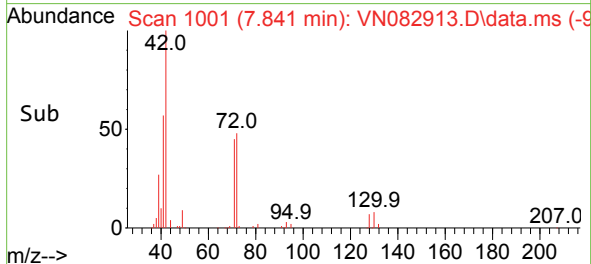


#29
Tetrahydrofuran
Concen: 292.140 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Instrument :
MSVOA_N
ClientSampleId :

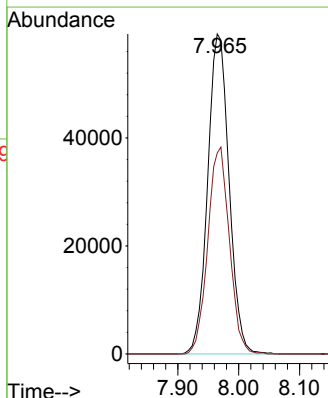
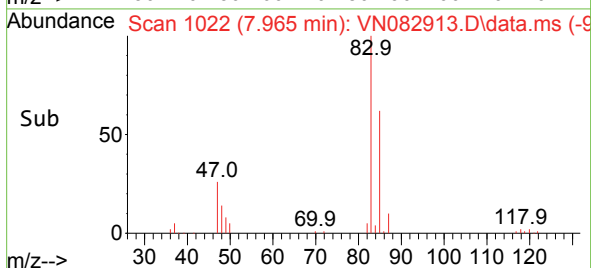
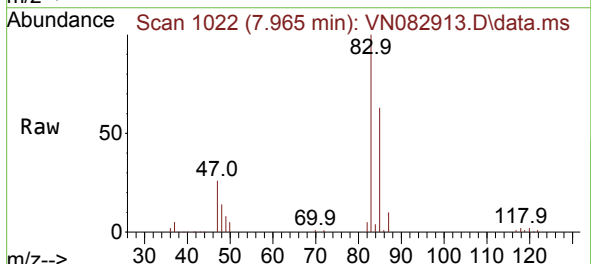


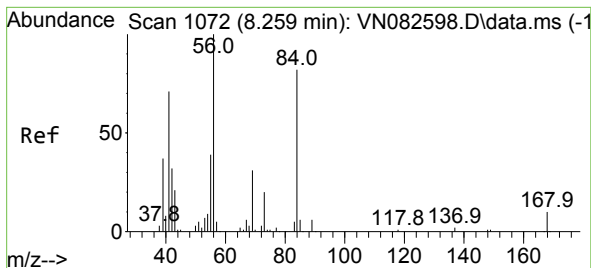
Tgt Ion: 42 Resp: 170758
Ion Ratio Lower Upper
42 100
72 46.3 30.0 45.0#
71 42.7 28.3 42.5#



#30
Chloroform
Concen: 54.203 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 83 Resp: 144707
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3





#31

Cyclohexane

Concen: 47.847 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

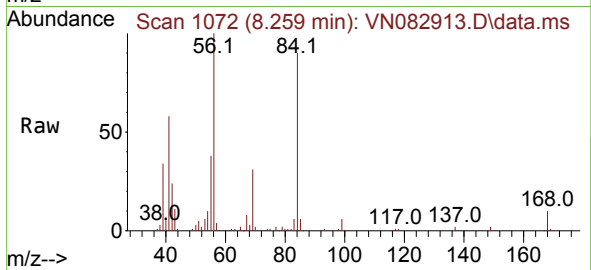
Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :



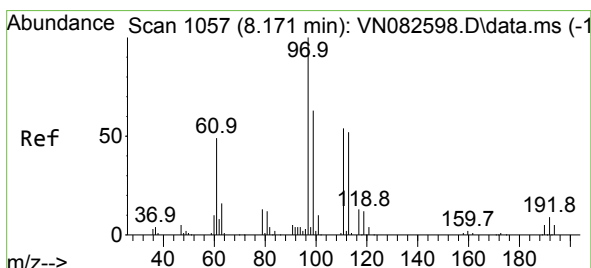
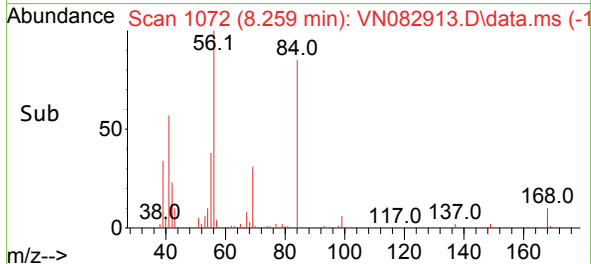
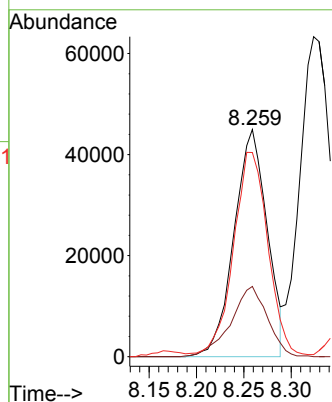
Tgt Ion: 56 Resp: 109249

Ion Ratio Lower Upper

56 100

69 30.9 24.5 36.7

84 88.1 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 51.558 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

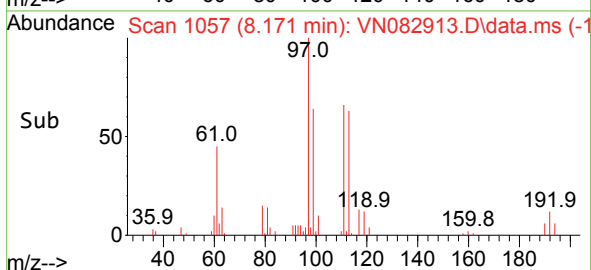
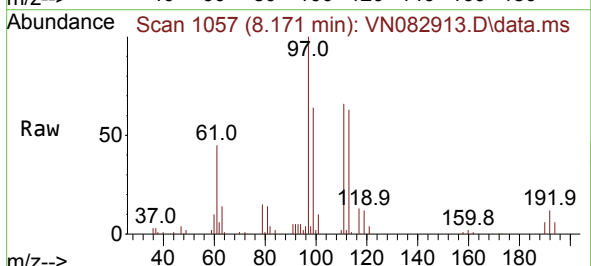
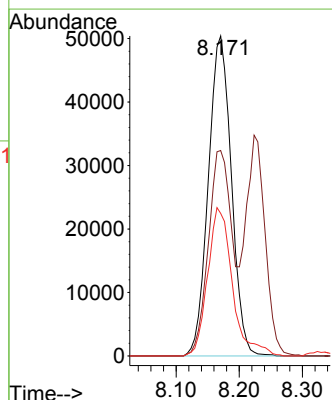
Tgt Ion: 97 Resp: 127796

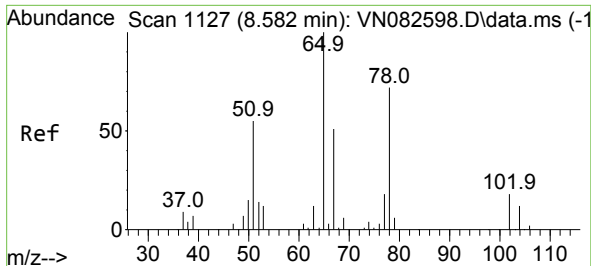
Ion Ratio Lower Upper

97 100

99 67.2 52.0 78.0

61 49.8 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 57.113 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

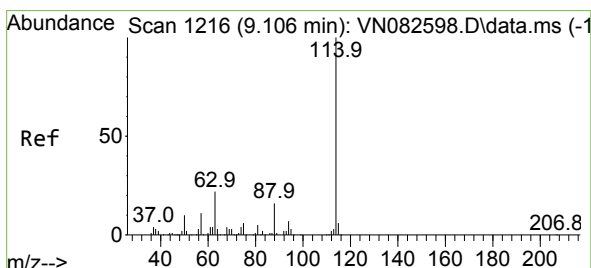
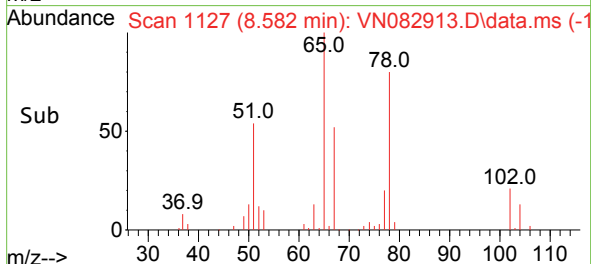
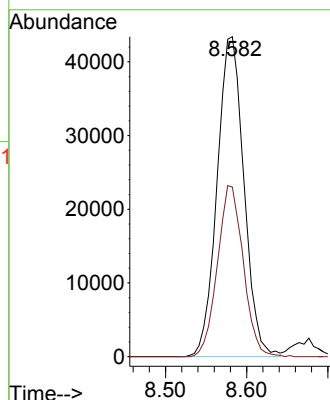
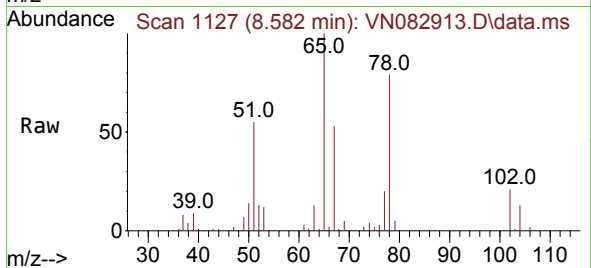
ClientSampleId :

Tgt Ion: 65 Resp: 99747

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

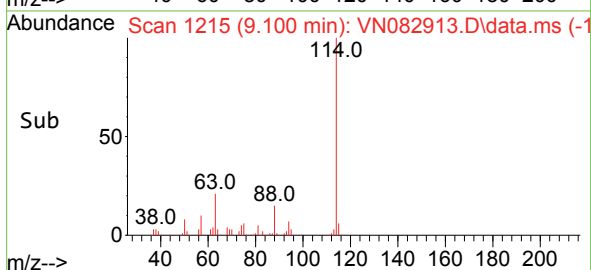
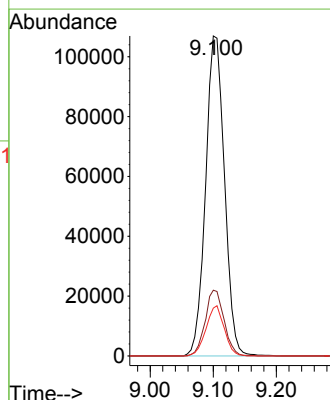
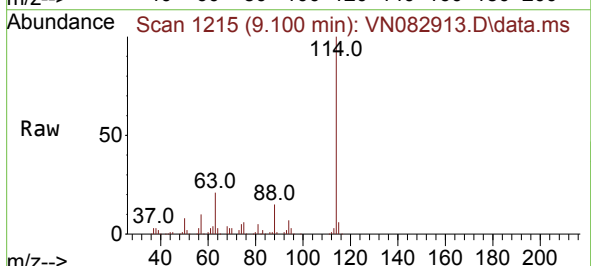
Tgt Ion: 114 Resp: 222461

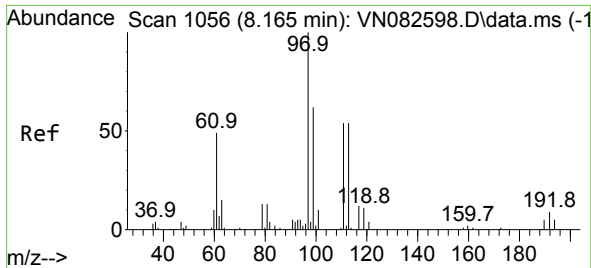
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.6

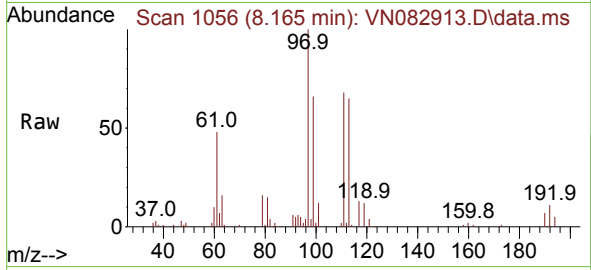
88 15.0 0.0 31.4



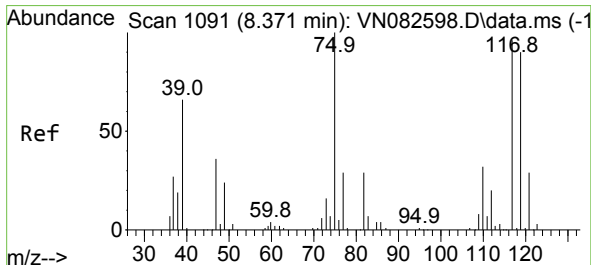
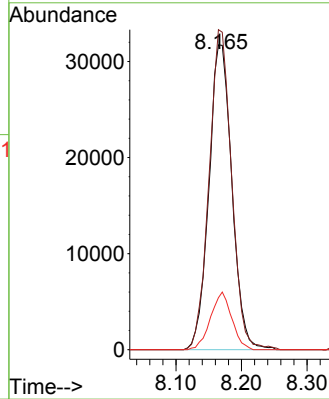
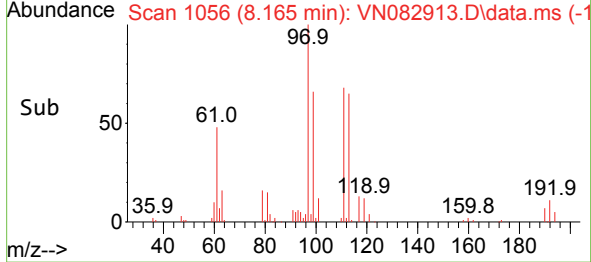


#35
Dibromofluoromethane
Concen: 54.191 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Instrument :
MSVOA_N
ClientSampleId :

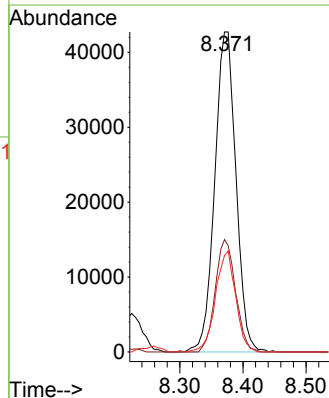
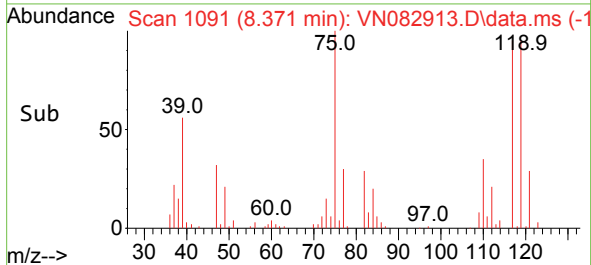
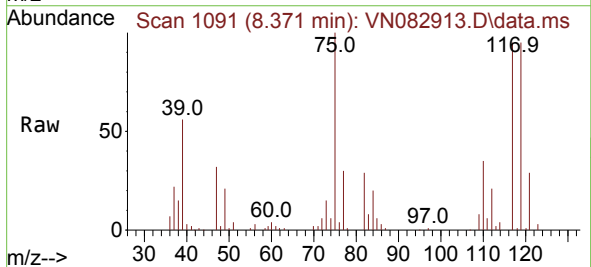


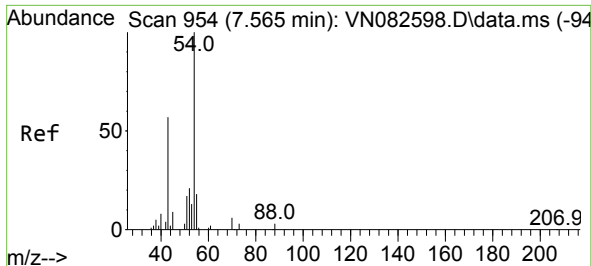
Tgt Ion:113 Resp: 77357
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 17.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 50.627 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 75 Resp: 99639
Ion Ratio Lower Upper
75 100
110 33.6 16.3 48.9
77 29.9 24.6 37.0





#37

Ethyl Acetate

Concen: 53.511 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

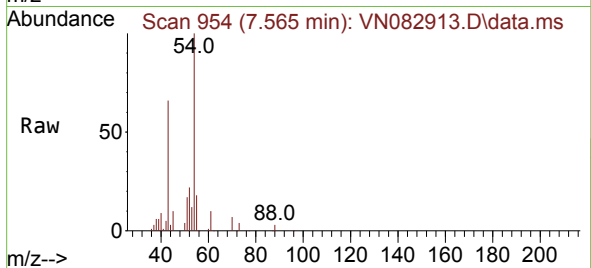
Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :



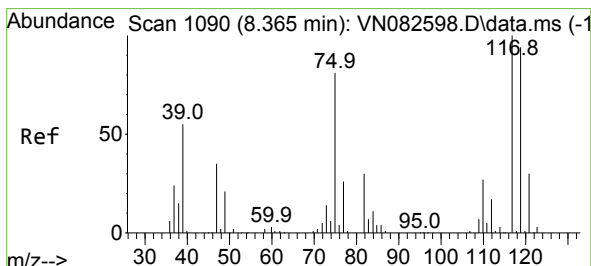
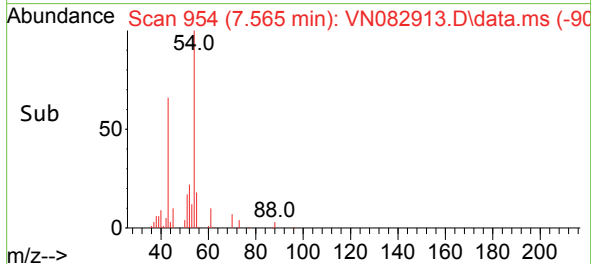
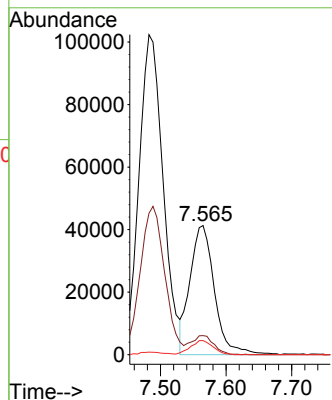
Tgt Ion: 43 Resp: 107221

Ion Ratio Lower Upper

43 100

61 13.8 9.3 13.9

70 10.0 7.0 10.6



#38

Carbon Tetrachloride

Concen: 48.684 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

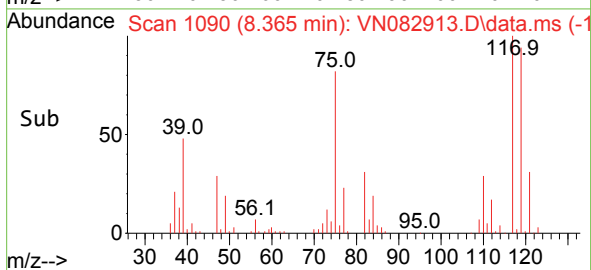
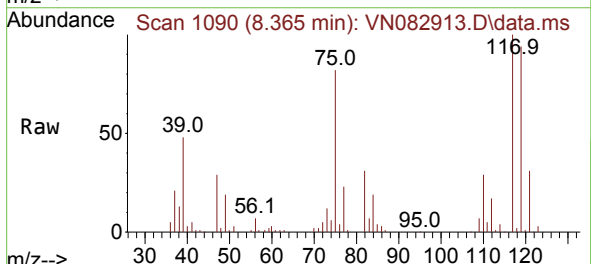
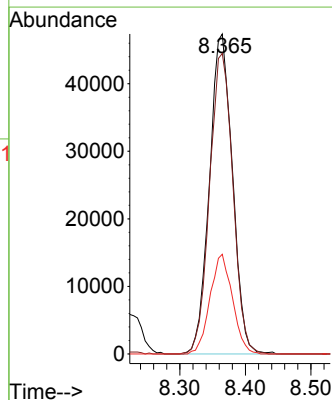
Tgt Ion: 117 Resp: 115366

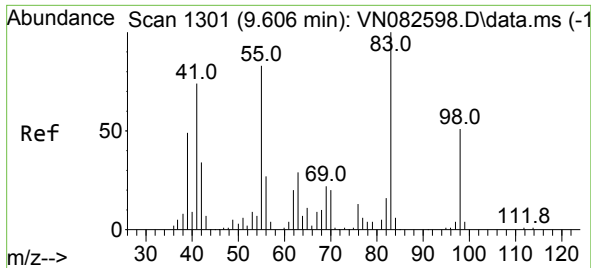
Ion Ratio Lower Upper

117 100

119 93.9 74.9 112.3

121 31.1 24.3 36.5

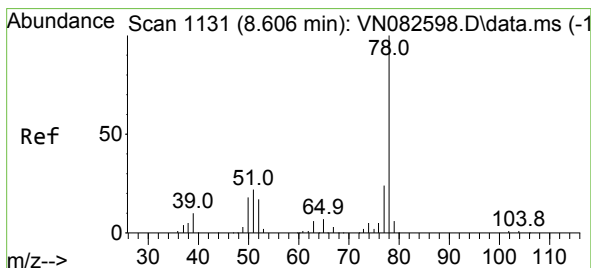
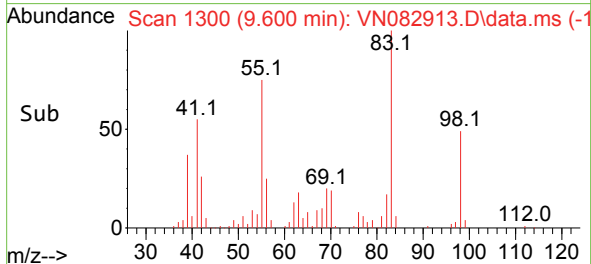
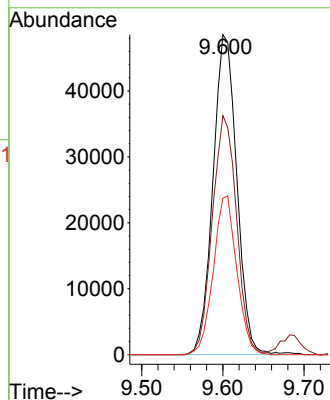
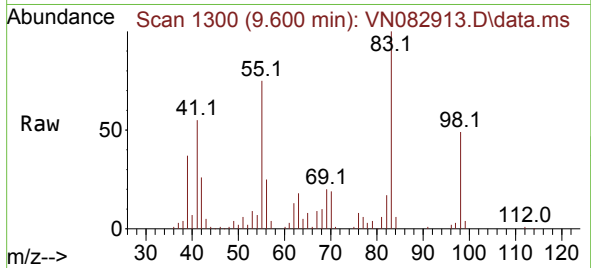




#39
Methylcyclohexane
Concen: 46.621 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

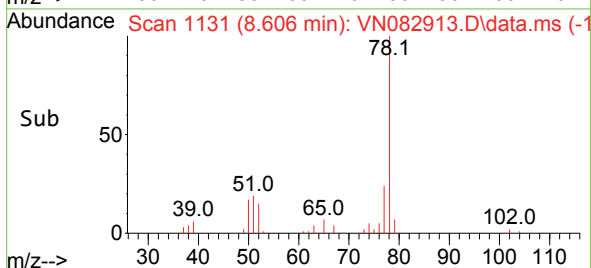
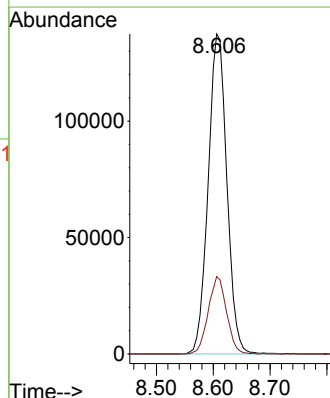
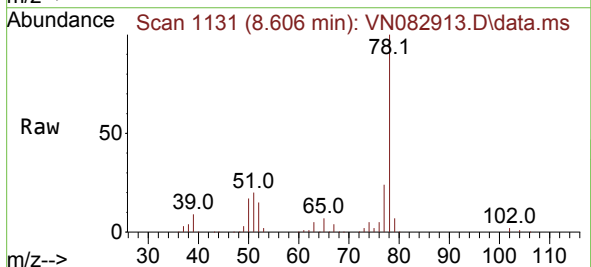
Instrument :
MSVOA_N
ClientSampleId :

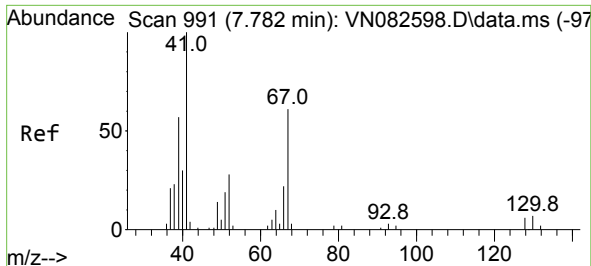
Tgt Ion: 83 Resp: 99113
Ion Ratio Lower Upper
83 100
55 74.7 66.4 99.6
98 48.9 40.7 61.1



#40
Benzene
Concen: 51.733 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 78 Resp: 313191
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4

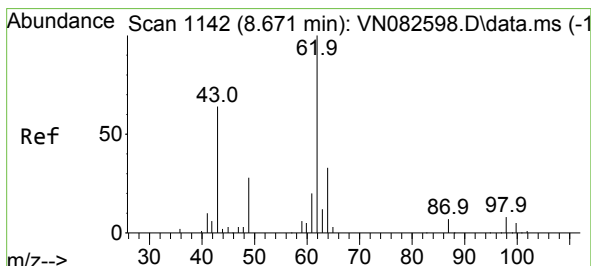
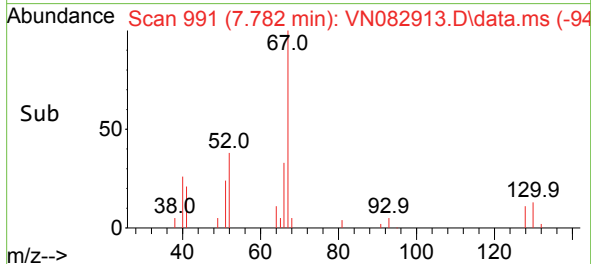
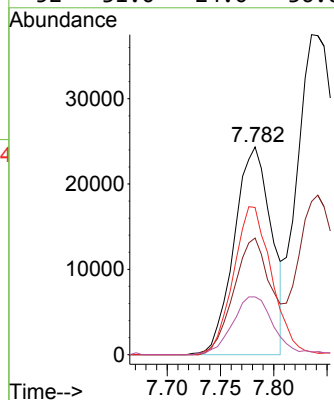
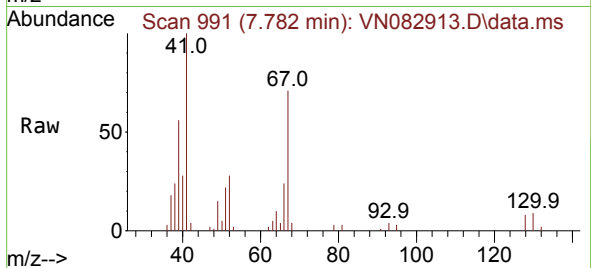




#41
Methacrylonitrile
Concen: 54.825 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

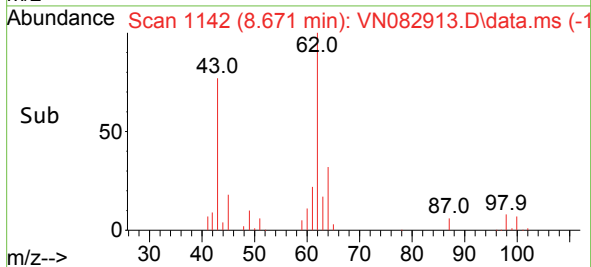
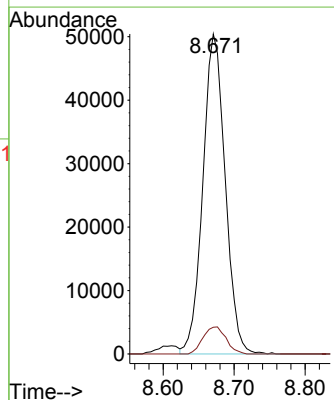
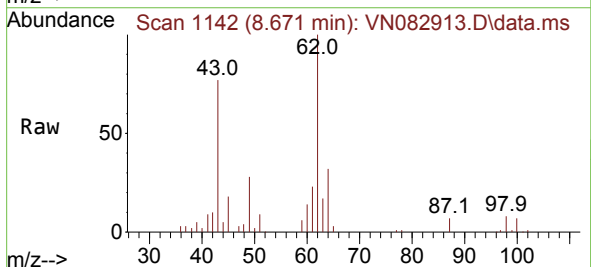
Instrument :
MSVOA_N
ClientSampleId :

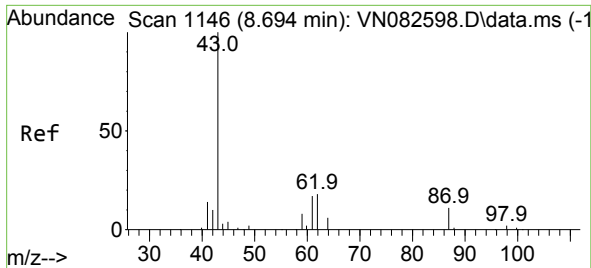
Tgt Ion: 41	Resp: 59183
Ion Ratio	Lower Upper
41 100	
39 55.6	45.5 68.3
67 73.1	50.5 75.7
52 31.0	24.0 36.0



#42
1,2-Dichloroethane
Concen: 50.624 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 62	Resp: 110332
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 15.8

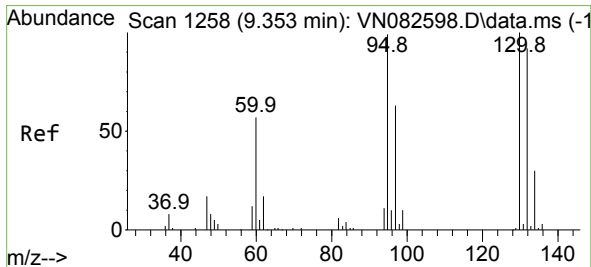
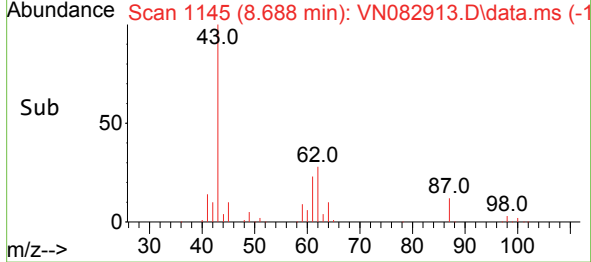
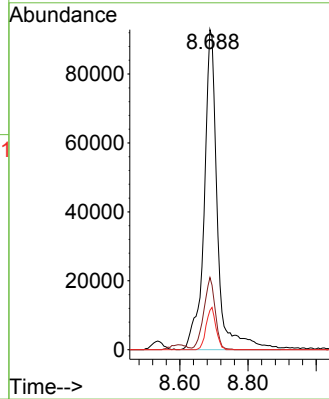
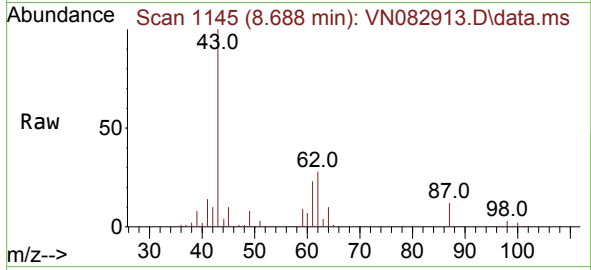




#43
Isopropyl Acetate
Concen: 67.704 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

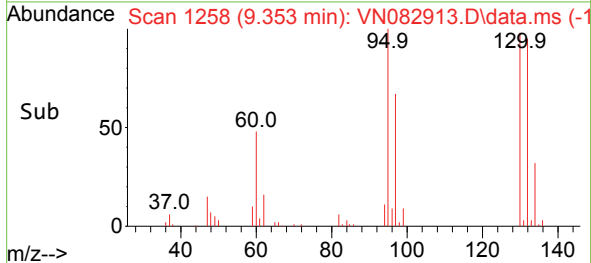
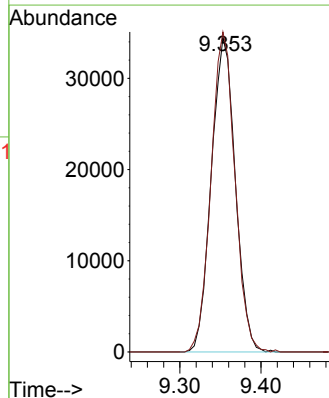
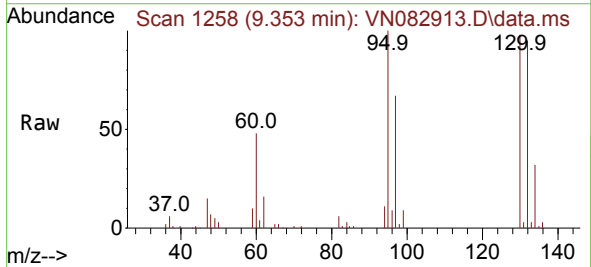
Instrument :
MSVOA_N
ClientSampleId :

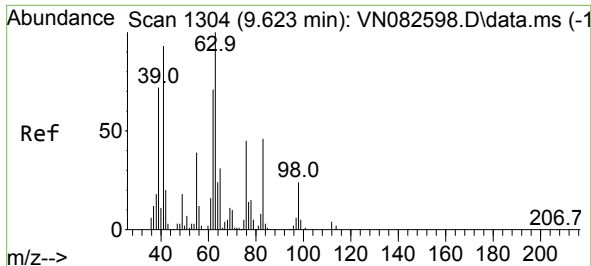
Tgt Ion: 43 Resp: 251827
Ion Ratio Lower Upper
43 100
61 19.4 17.8 26.6
87 9.8 8.2 12.2



#44
Trichloroethene
Concen: 45.594 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion:130 Resp: 70716
Ion Ratio Lower Upper
130 100
95 101.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 54.979 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

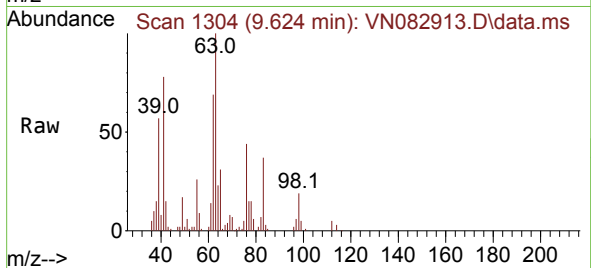
Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :

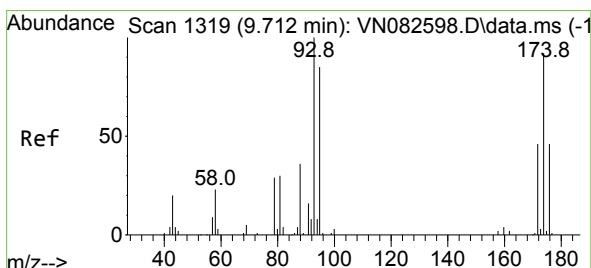
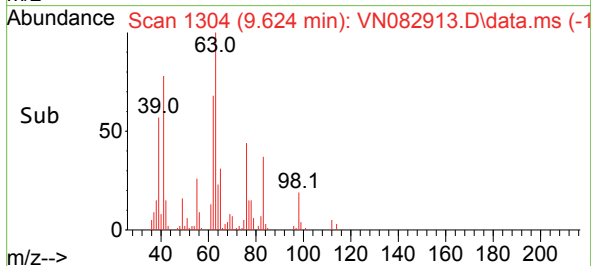
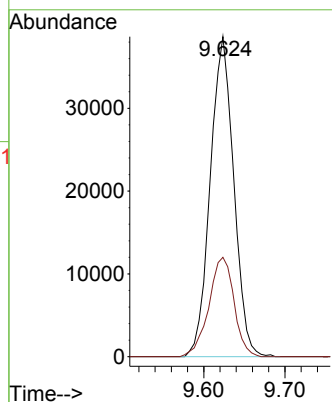


Tgt Ion: 63 Resp: 77706

Ion Ratio Lower Upper

63 100

65 31.0 24.4 36.6



#46

Dibromomethane

Concen: 51.547 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

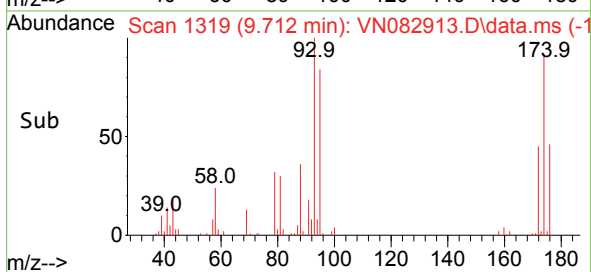
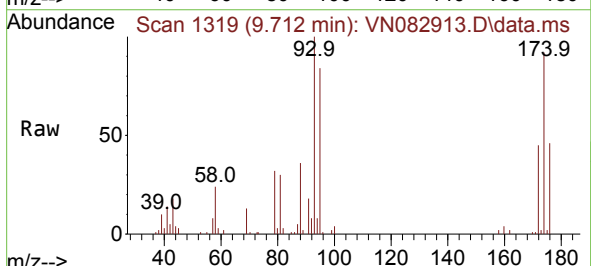
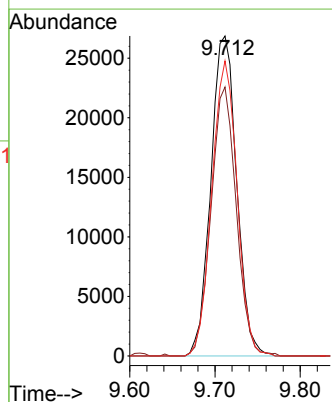
Tgt Ion: 93 Resp: 56758

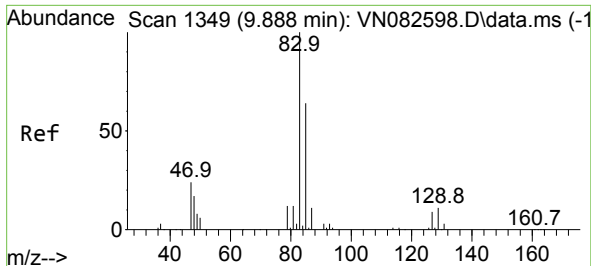
Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.6

174 90.1 71.7 107.5

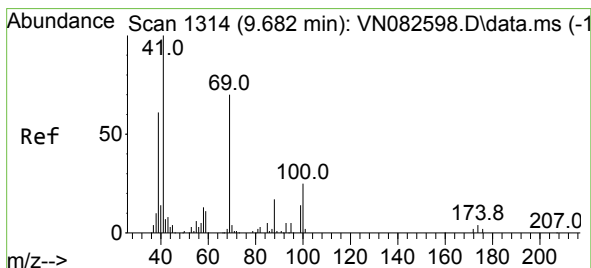
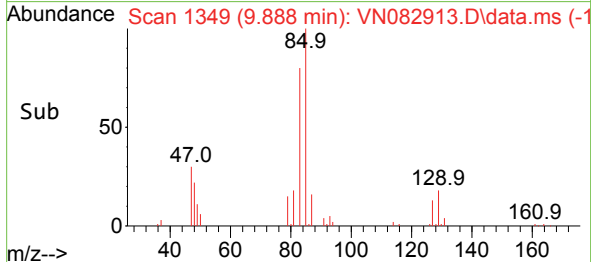
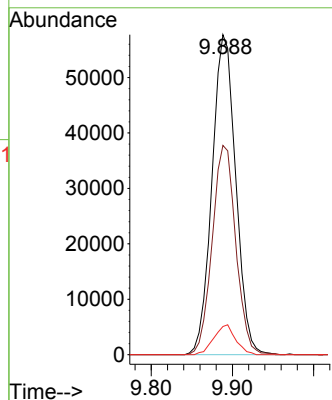
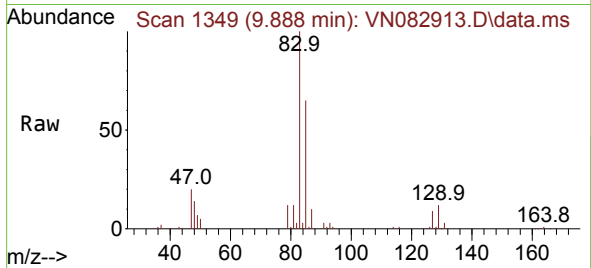




#47
Bromodichloromethane
Concen: 51.498 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

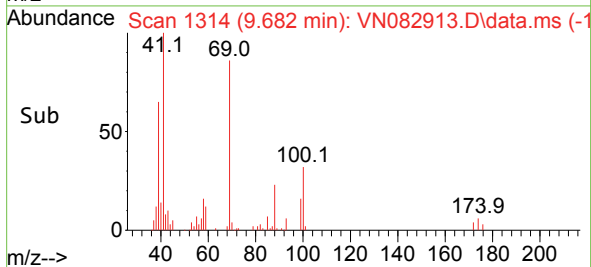
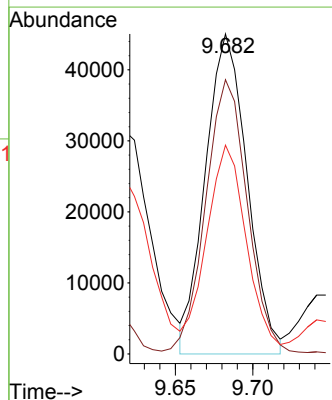
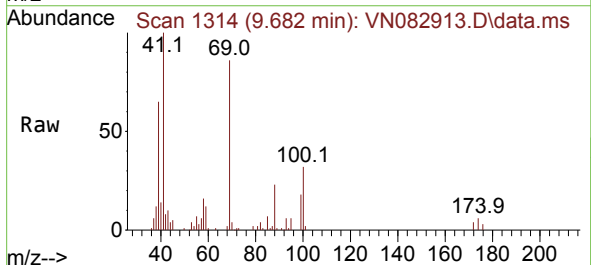
Instrument :
MSVOA_N
ClientSampleId :

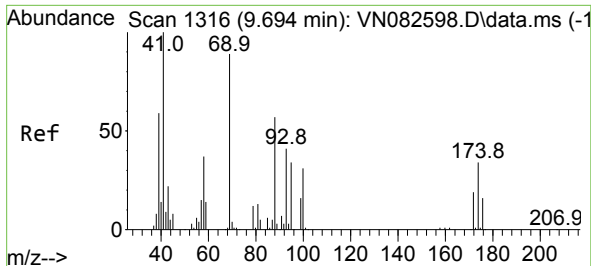
Tgt Ion: 83 Resp: 117164
Ion Ratio Lower Upper
83 100
85 65.4 51.1 76.7
127 8.8 7.2 10.8



#48
Methyl methacrylate
Concen: 53.650 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 41 Resp: 84292
Ion Ratio Lower Upper
41 100
69 86.5 56.3 84.5#
39 63.1 50.3 75.5





#49

1,4-Dioxane

Concen: 1079.928 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :

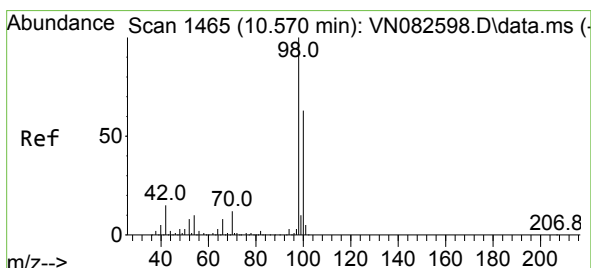
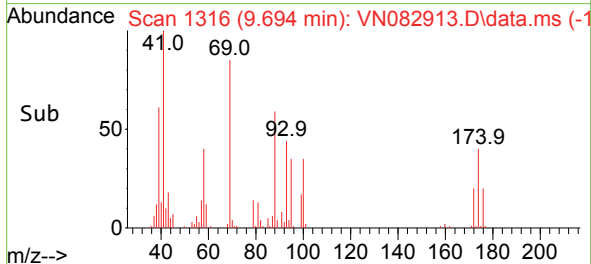
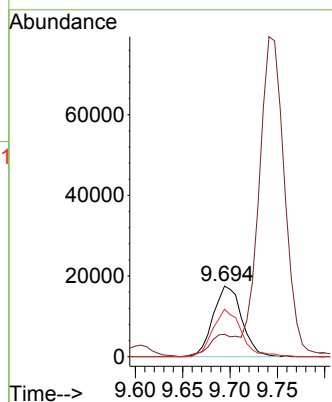
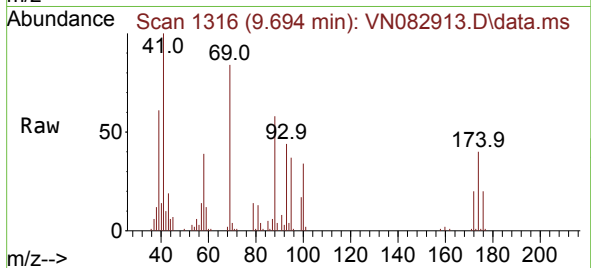
Tgt Ion: 88 Resp: 36838

Ion Ratio Lower Upper

88 100

43 24.2 27.8 41.8#

58 66.9 59.4 89.0



#50

Toluene-d8

Concen: 55.728 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082913.D

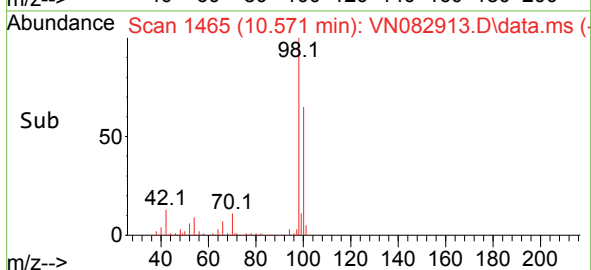
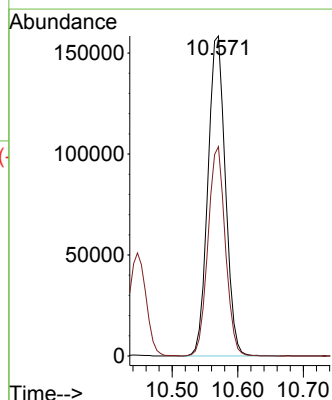
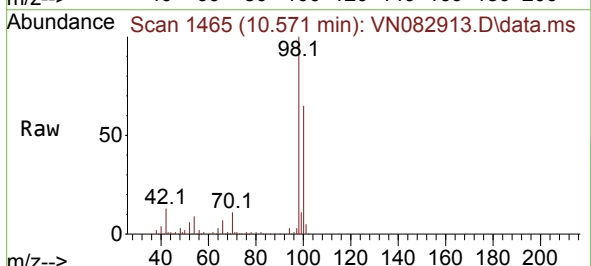
Acq: 12 Jul 2024 20:43

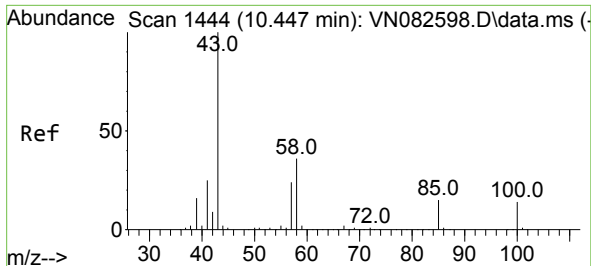
Tgt Ion: 98 Resp: 293819

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3

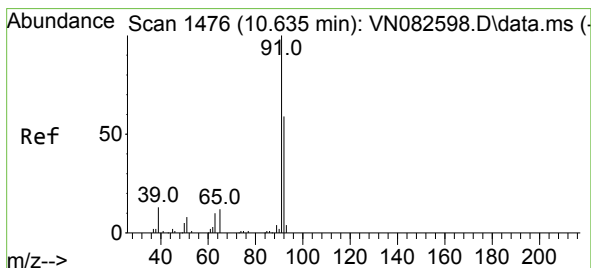
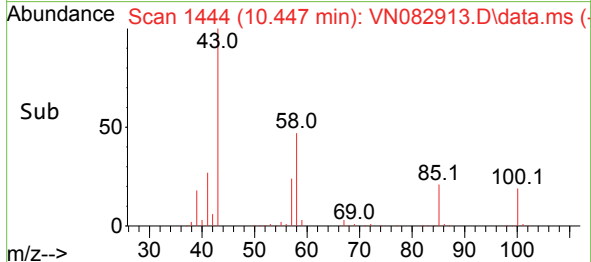
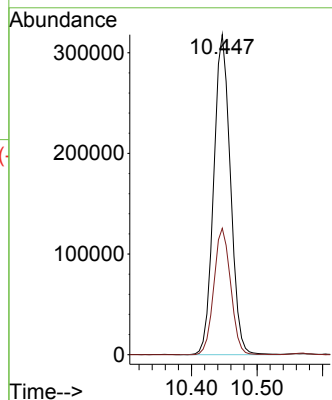
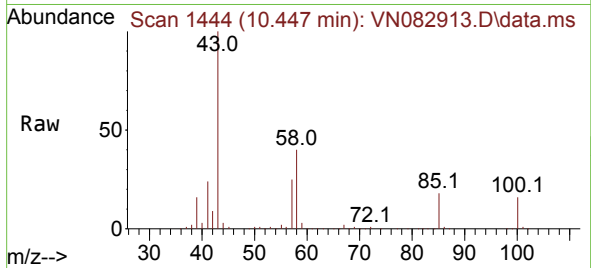




#51
4-Methyl-2-Pentanone
Concen: 283.210 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

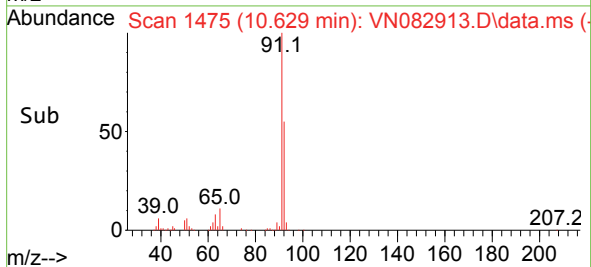
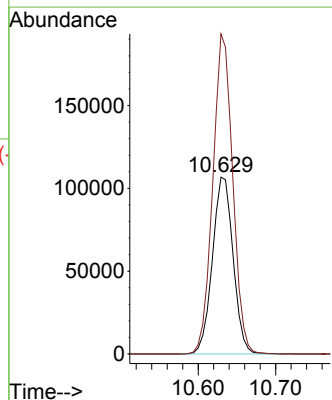
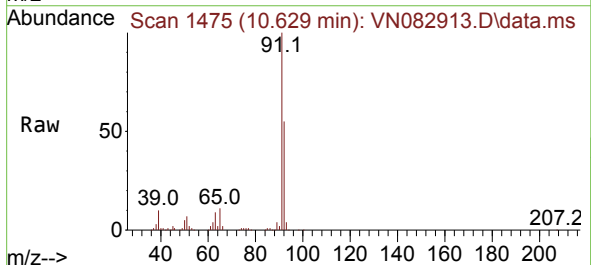
Instrument :
MSVOA_N
ClientSampleId :

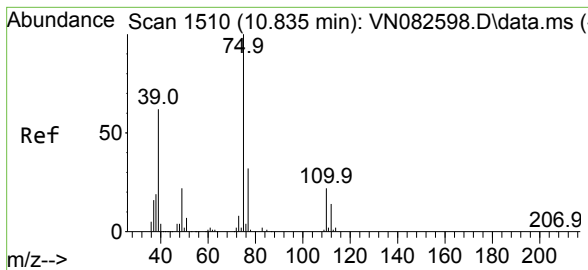
Tgt Ion: 43 Resp: 562583
Ion Ratio Lower Upper
43 100
58 39.7 28.2 42.4



#52
Toluene
Concen: 52.356 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 92 Resp: 197999
Ion Ratio Lower Upper
92 100
91 174.6 139.4 209.0

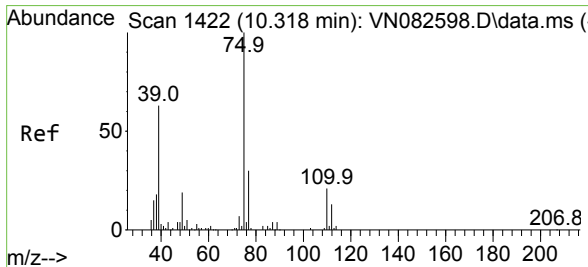
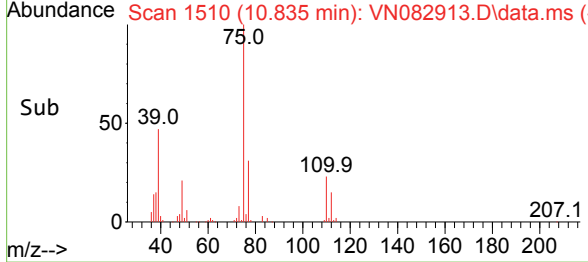
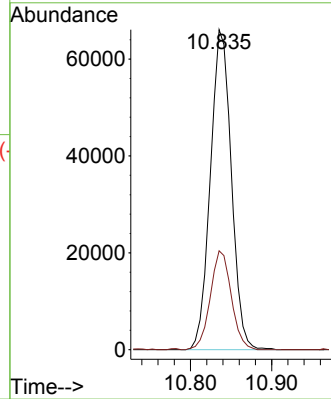
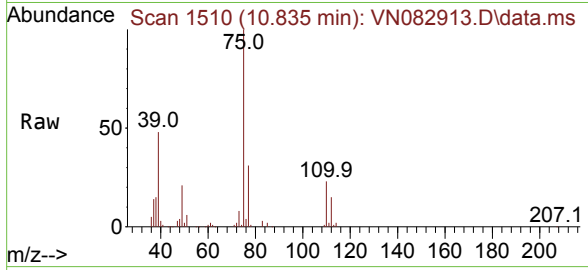




#53
 t-1,3-Dichloropropene
 Concen: 50.523 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN082913.D
 Acq: 12 Jul 2024 20:43

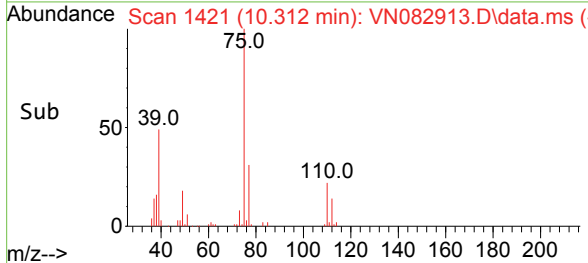
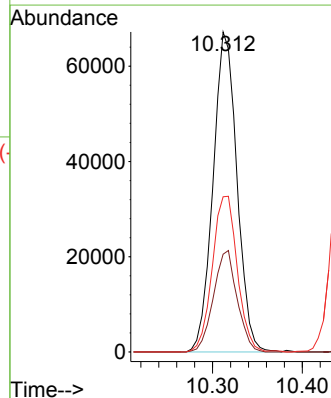
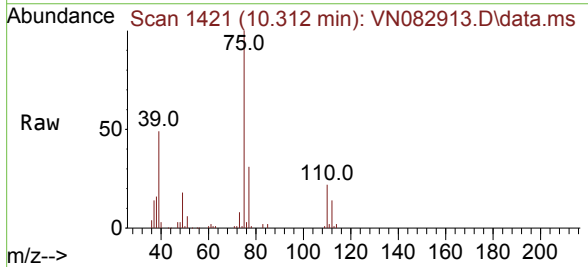
Instrument :
 MSVOA_N
 ClientSampleId :

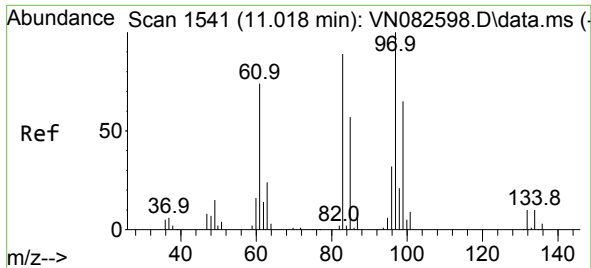
Tgt Ion: 75 Resp: 118414
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.068 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN082913.D
 Acq: 12 Jul 2024 20:43

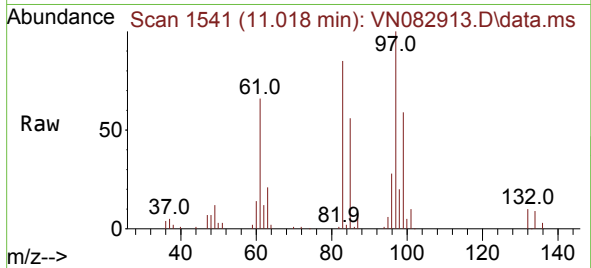
Tgt Ion: 75 Resp: 124210
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.3 36.5
 39 48.5 50.5 75.7#





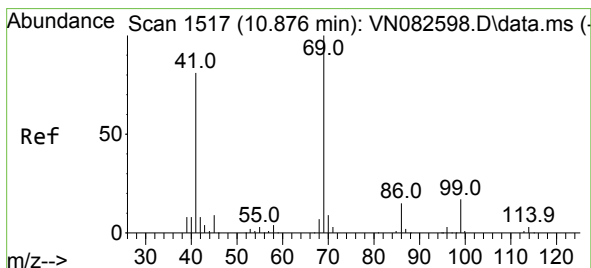
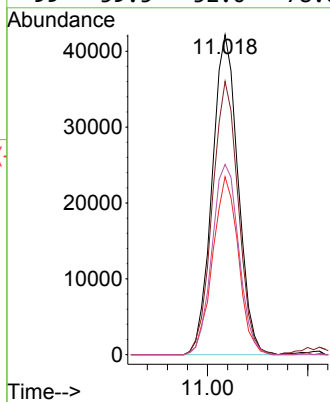
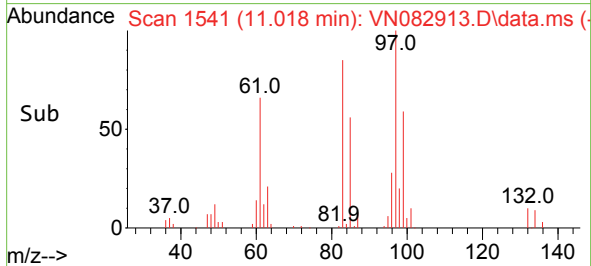
#55
1,1,2-Trichloroethane
Concen: 54.423 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Instrument :
MSVOA_N
ClientSampleId :

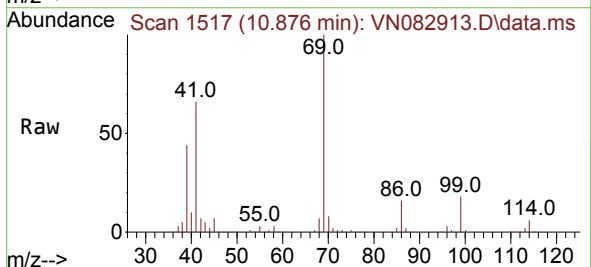


Tgt Ion: 97 Resp: 75682

Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.4	107.0
85	55.6	45.8	68.6
99	59.5	52.0	78.0

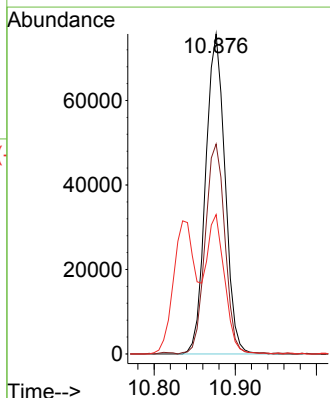
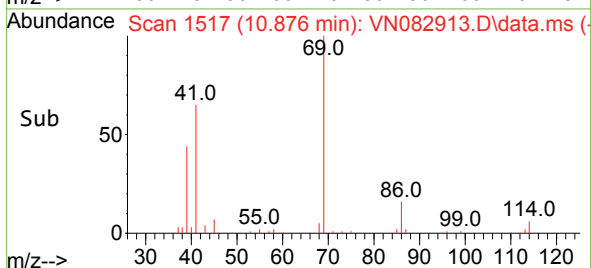


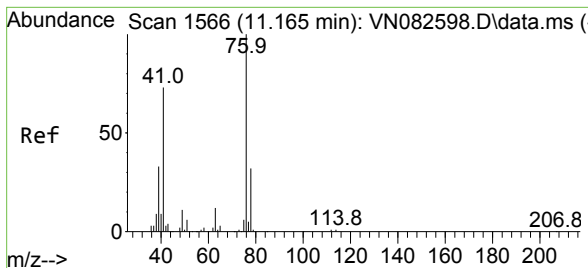
#56
Ethyl methacrylate
Concen: 58.018 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43



Tgt Ion: 69 Resp: 125524

Ion	Ratio	Lower	Upper
69	100		
41	66.7	63.4	95.2
39	39.4	37.4	56.0

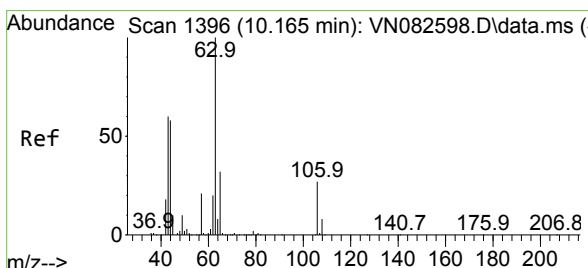
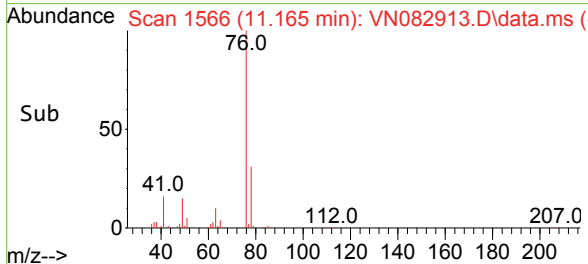
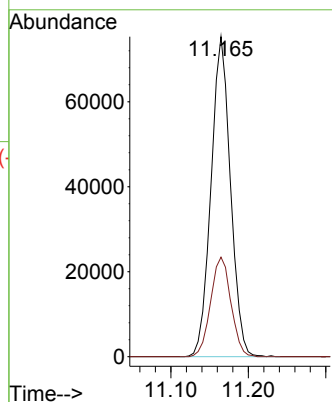
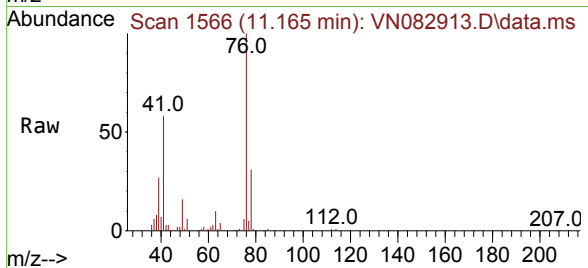




#57
1,3-Dichloropropane
Concen: 53.272 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

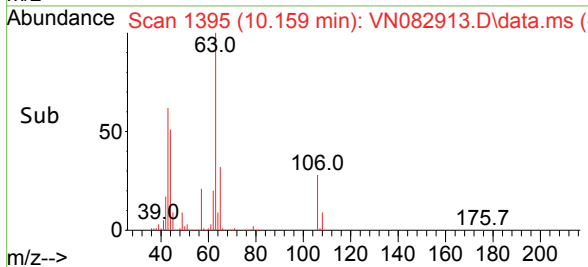
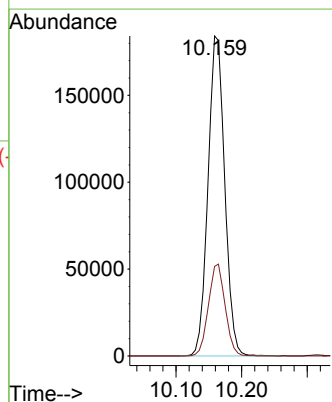
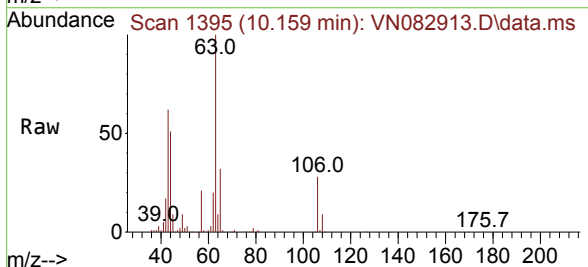
Instrument :
MSVOA_N
ClientSampleId :

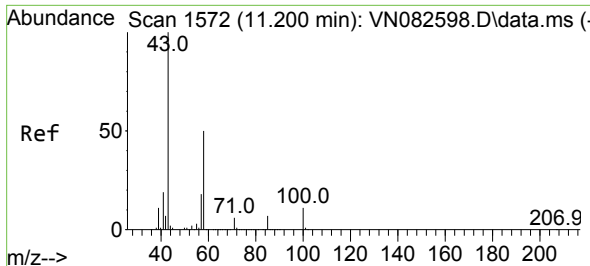
Tgt Ion: 76 Resp: 131134
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 294.481 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

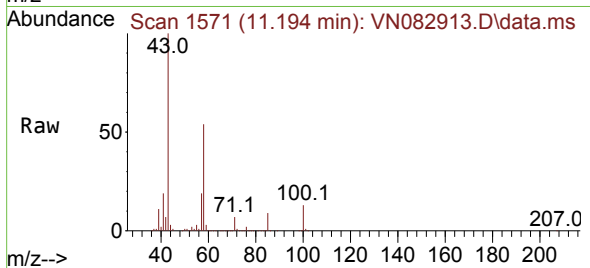
Tgt Ion: 63 Resp: 326923
Ion Ratio Lower Upper
63 100
106 28.7 21.4 32.0



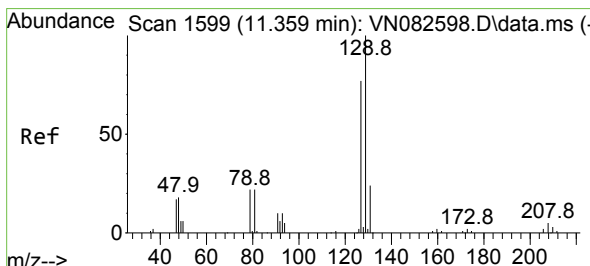
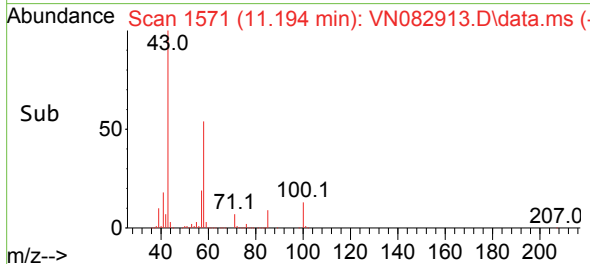
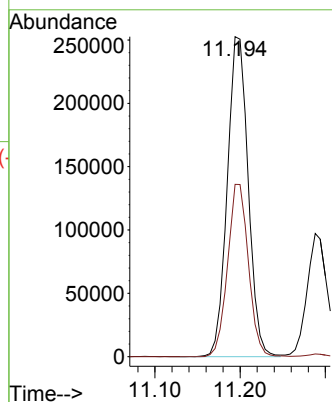


#59
2-Hexanone
Concen: 291.261 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Instrument :
MSVOA_N
ClientSampleId :

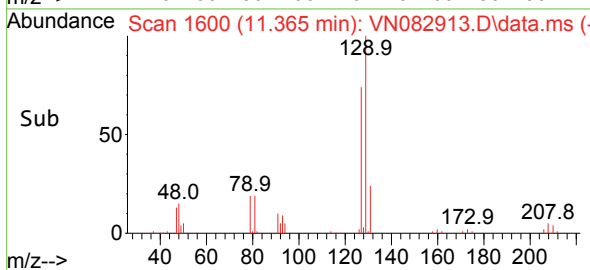
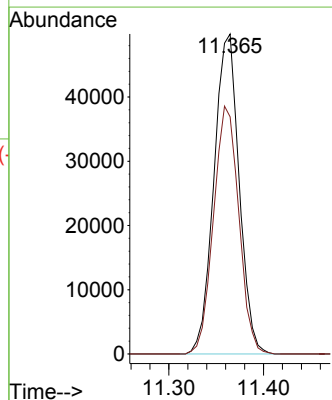
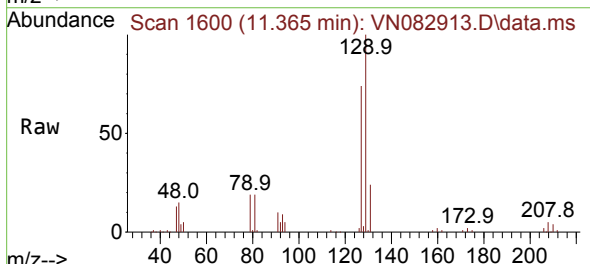


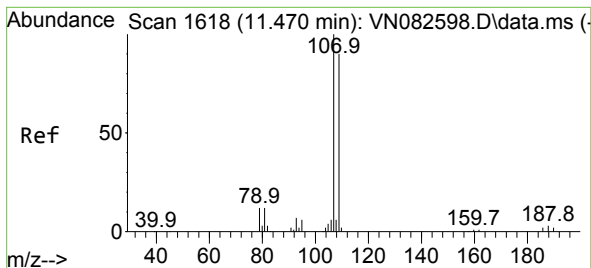
Tgt Ion: 43 Resp: 430161
Ion Ratio Lower Upper
43 100
58 53.6 24.6 73.8



#60
Dibromochloromethane
Concen: 51.981 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion:129 Resp: 92069
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

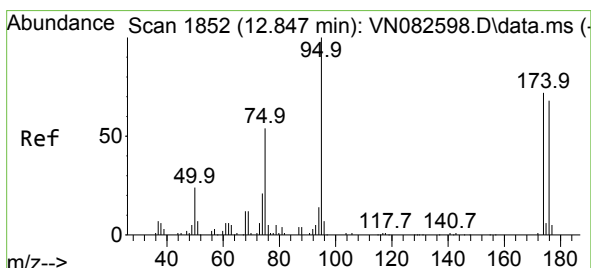
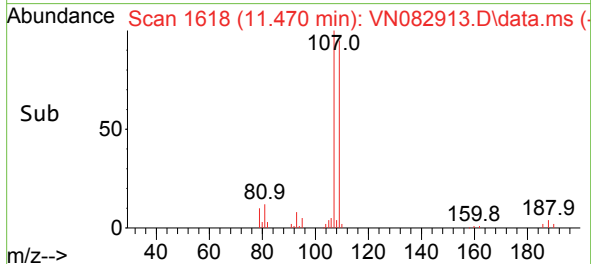
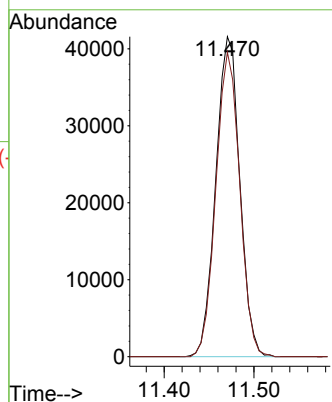
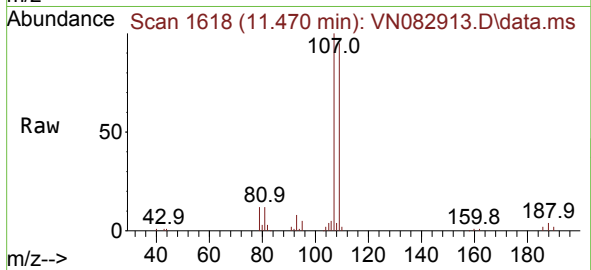




#61
1,2-Dibromoethane
Concen: 52.352 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

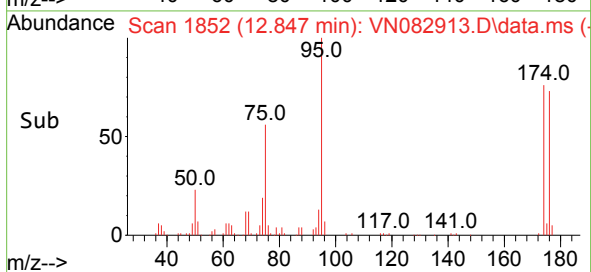
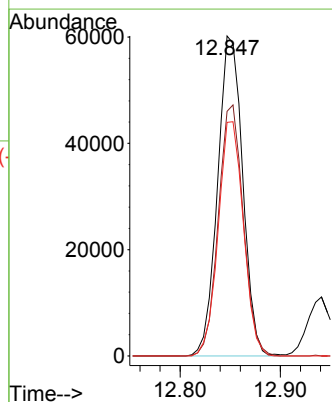
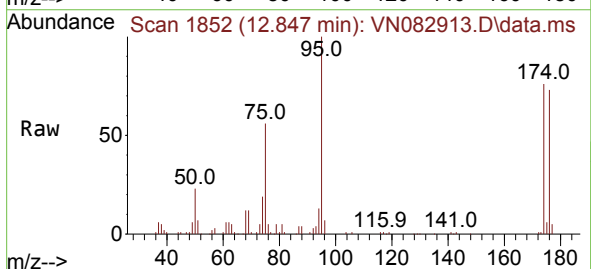
Instrument :
MSVOA_N
ClientSampleId :

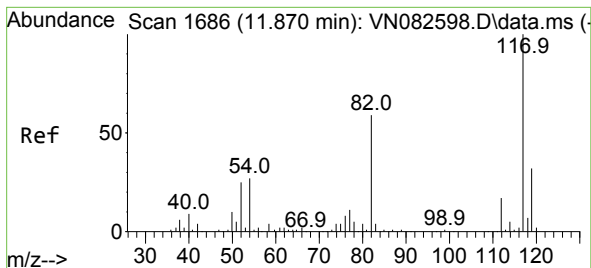
Tgt Ion:107 Resp: 77313
Ion Ratio Lower Upper
107 100
109 94.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 55.052 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 95 Resp: 104261
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.2
176 73.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :

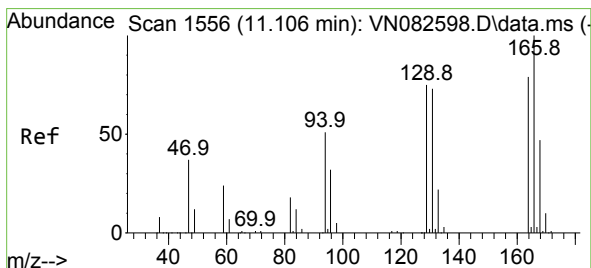
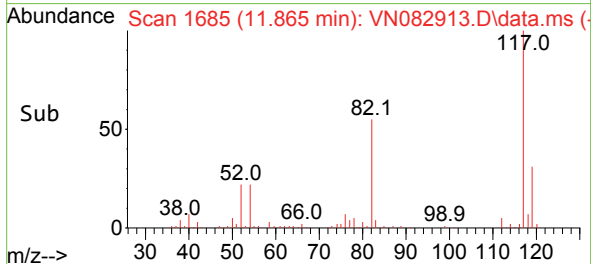
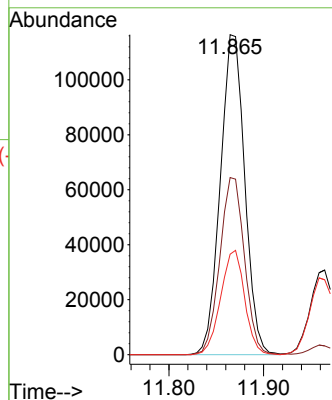
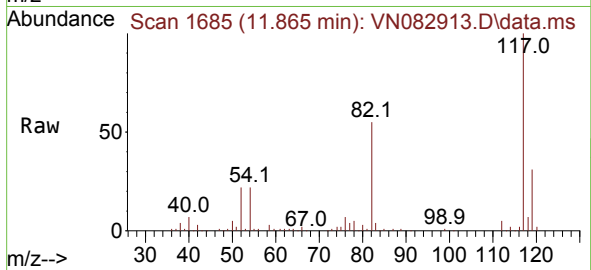
Tgt Ion:117 Resp: 209020

Ion Ratio Lower Upper

117 100

82 55.3 47.5 71.3

119 31.4 25.6 38.4



#64

Tetrachloroethene

Concen: 40.015 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Tgt Ion:164 Resp: 62401

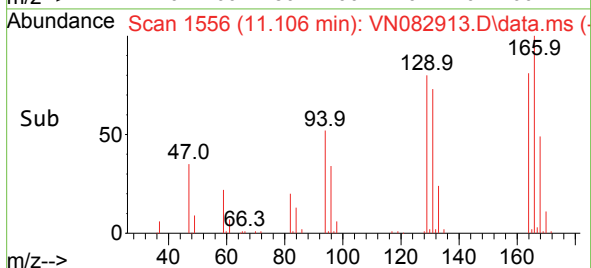
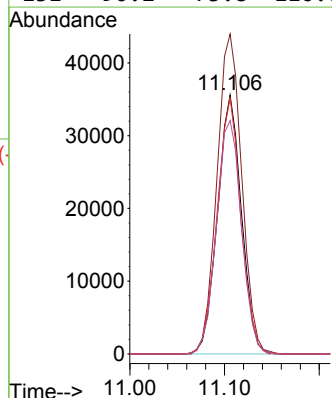
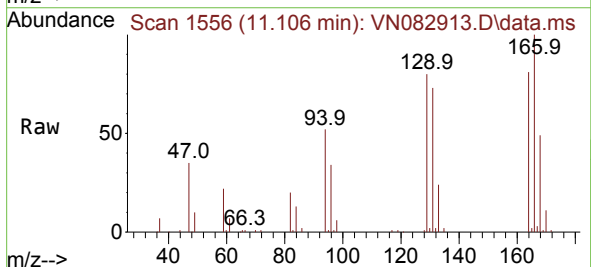
Ion Ratio Lower Upper

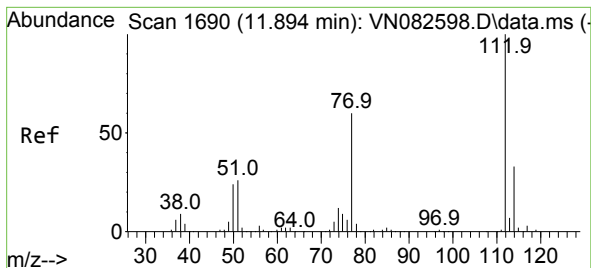
164 100

166 123.6 101.4 152.0

129 98.9 75.7 113.5

131 90.2 73.8 110.6

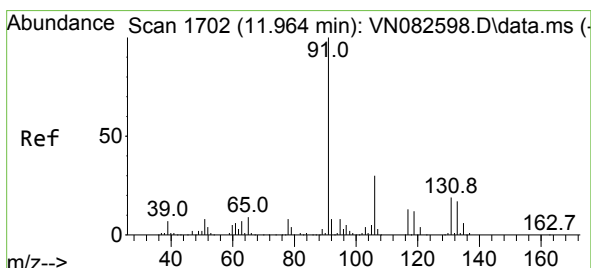
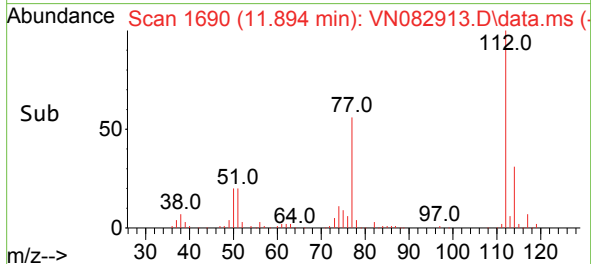
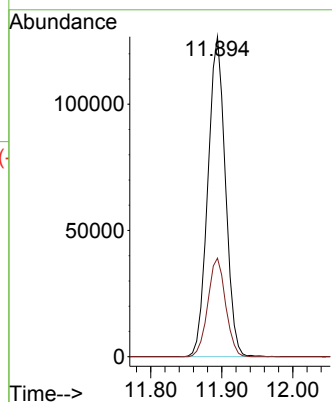
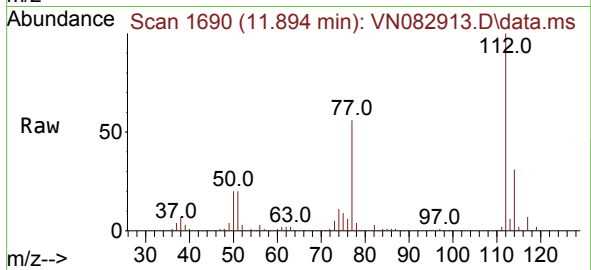




#65
Chlorobenzene
Concen: 48.489 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

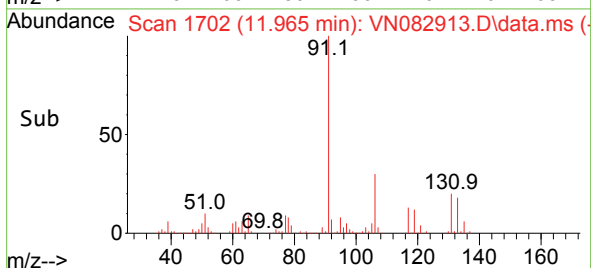
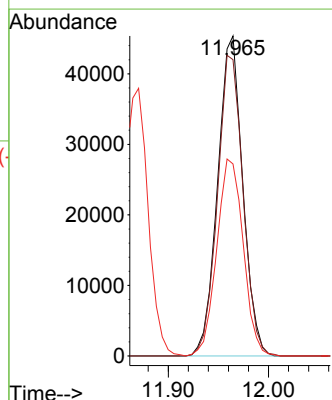
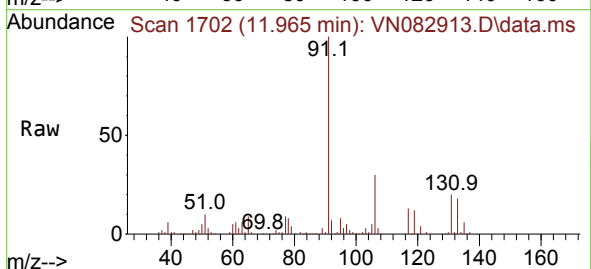
Instrument :
MSVOA_N
ClientSampleId :

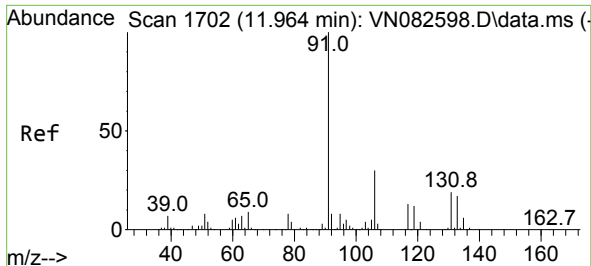
Tgt Ion:112 Resp: 217181
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.509 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion:131 Resp: 78876
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 64.9 32.5 97.4





#67

Ethyl Benzene

Concen: 50.540 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.001 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

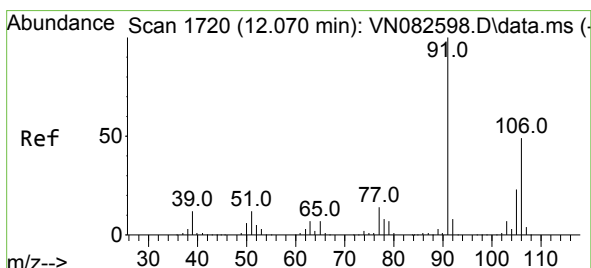
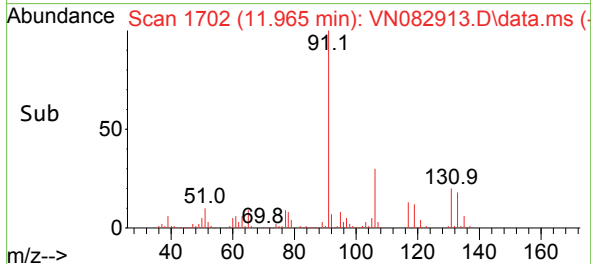
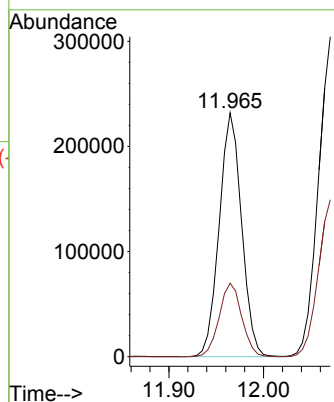
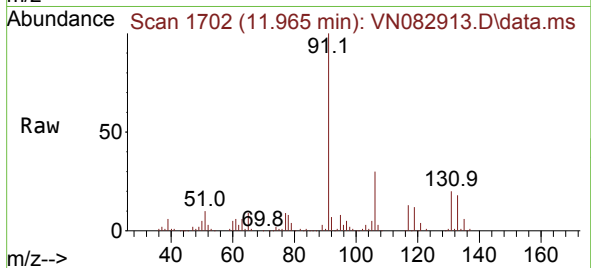
ClientSampleId :

Tgt Ion: 91 Resp: 380453

Ion Ratio Lower Upper

91 100

106 30.1 24.0 36.0



#68

m/p-Xylenes

Concen: 103.348 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN082913.D

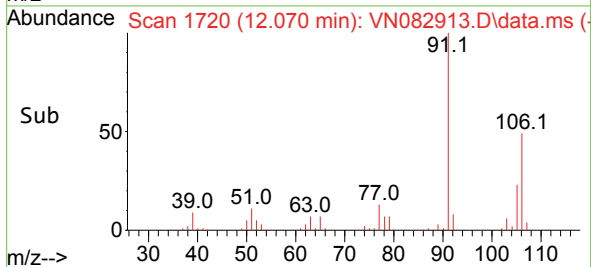
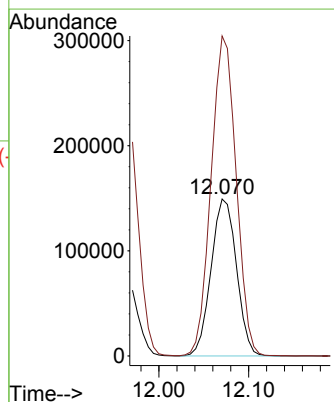
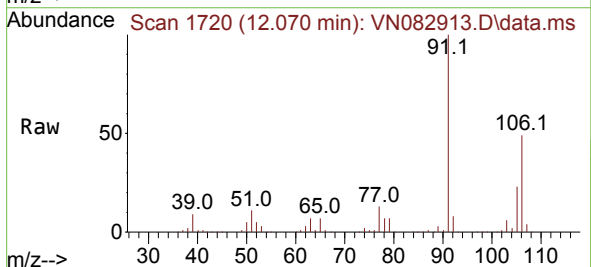
Acq: 12 Jul 2024 20:43

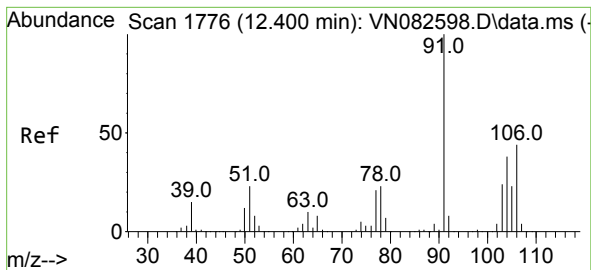
Tgt Ion:106 Resp: 293719

Ion Ratio Lower Upper

106 100

91 201.3 166.1 249.1





#69

o-Xylene

Concen: 51.358 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

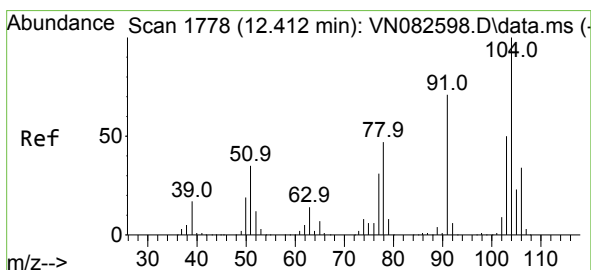
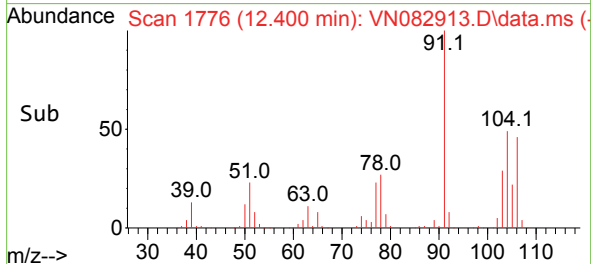
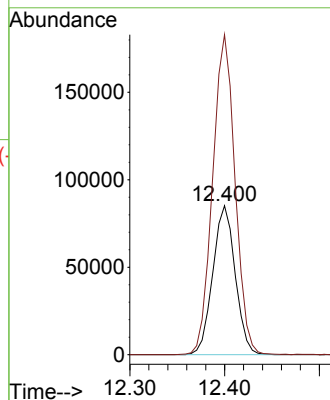
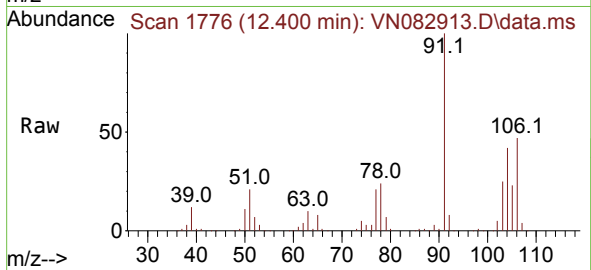
ClientSampleId :

Tgt Ion:106 Resp: 139857

Ion Ratio Lower Upper

106 100

91 215.0 111.3 333.9



#70

Styrene

Concen: 54.381 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

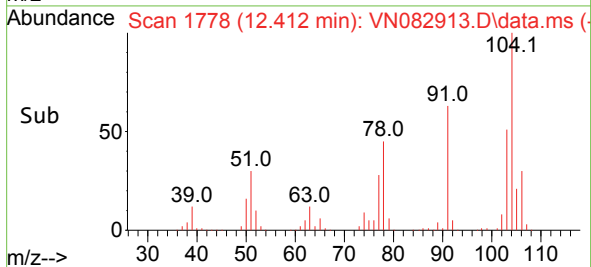
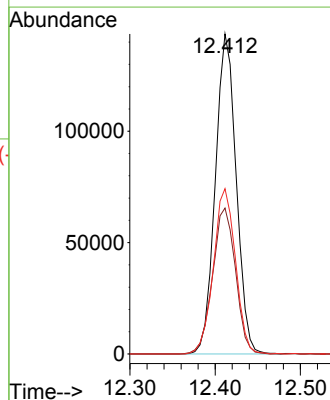
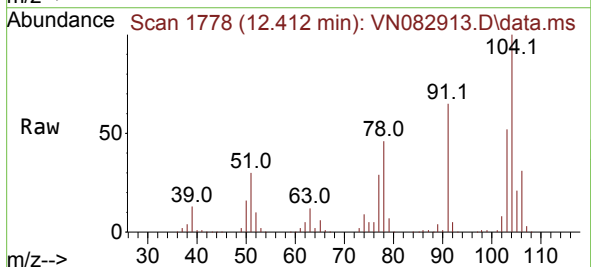
Tgt Ion:104 Resp: 244687

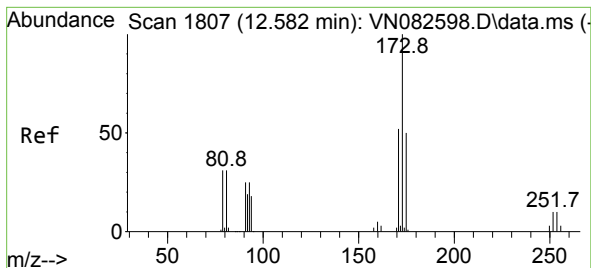
Ion Ratio Lower Upper

104 100

78 49.9 41.6 62.4

103 54.7 44.0 66.0





#71

Bromoform

Concen: 51.868 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :

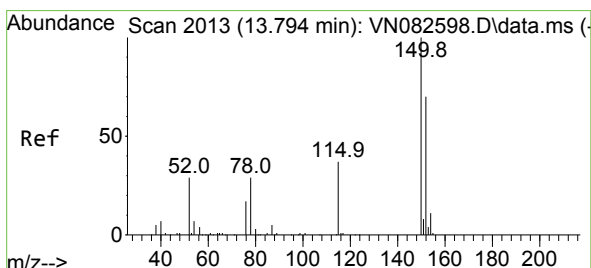
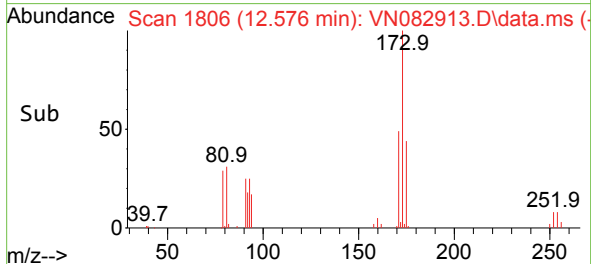
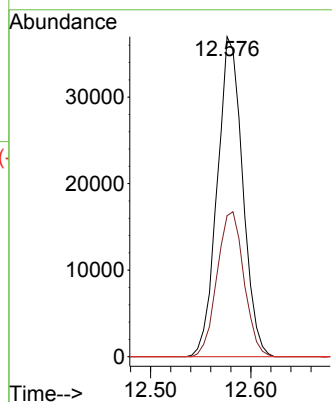
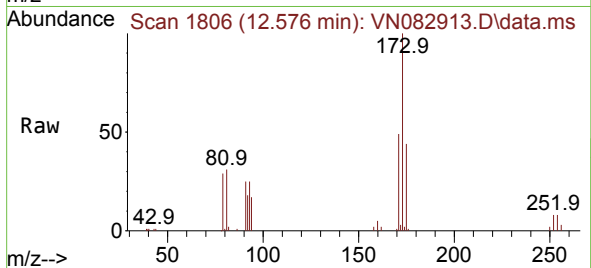
Tgt Ion:173 Resp: 64987

Ion Ratio Lower Upper

173 100

175 47.9 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

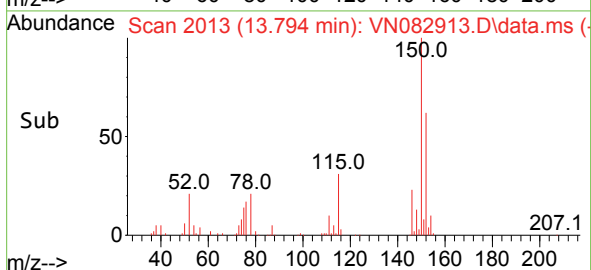
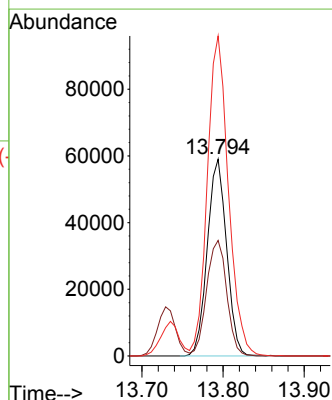
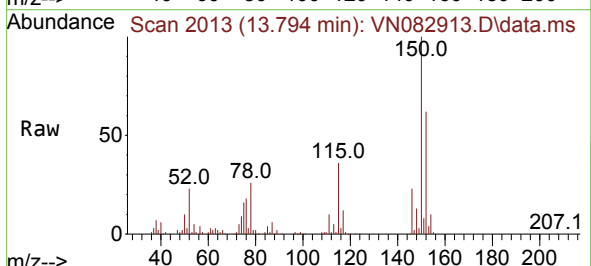
Tgt Ion:152 Resp: 97525

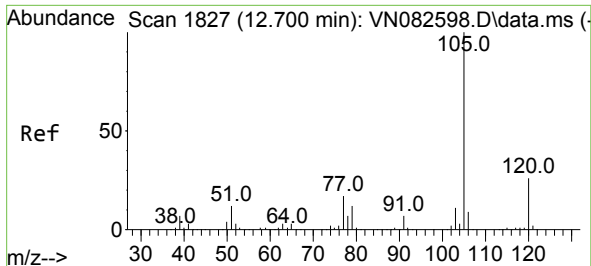
Ion Ratio Lower Upper

152 100

115 61.0 30.6 91.6

150 177.0 0.0 348.6

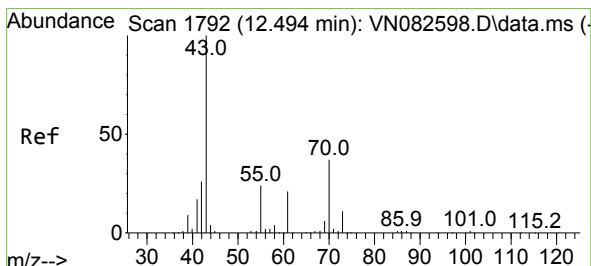
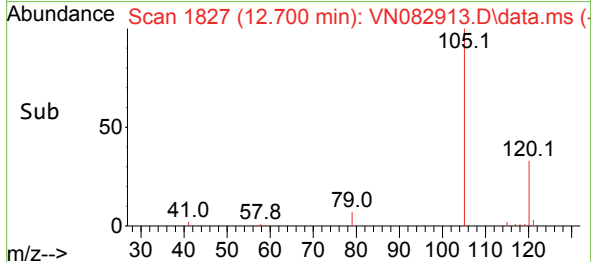
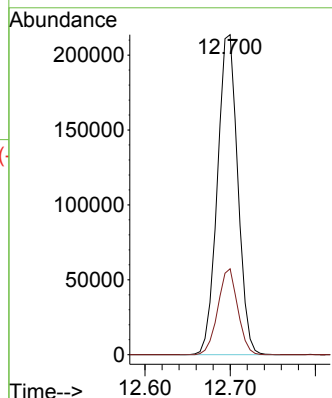
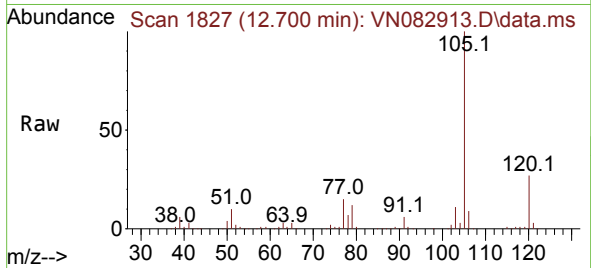




#73
Isopropylbenzene
Concen: 50.004 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

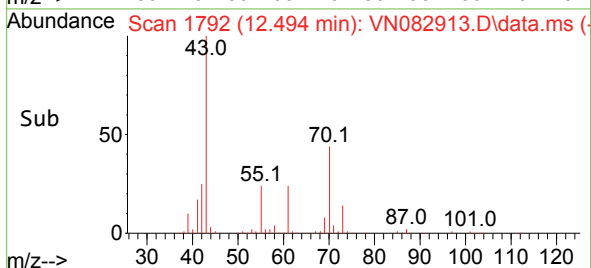
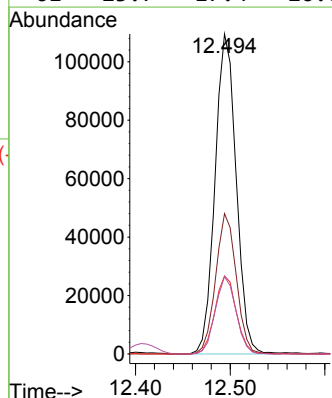
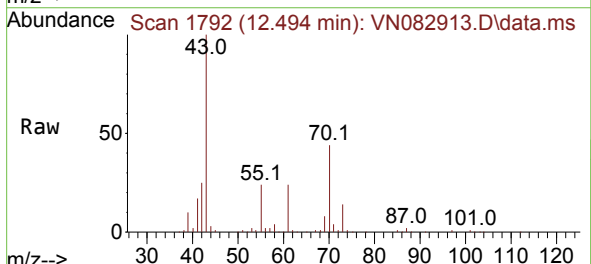
Instrument :
MSVOA_N
ClientSampleId :

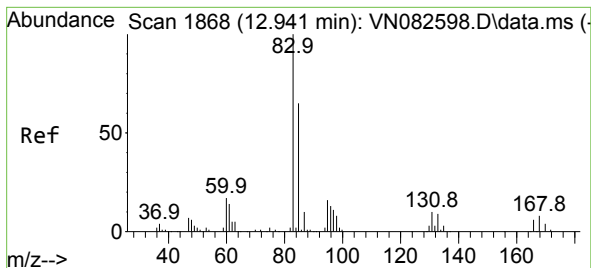
Tgt Ion:105 Resp: 354357
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



#74
N-ethyl acetate
Concen: 57.980 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 43 Resp: 169955
Ion Ratio Lower Upper
43 100
70 42.9 29.8 44.6
55 24.7 18.7 28.1
61 23.7 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.992 ug/l

RT: 12.941 min Scan# 114592

Delta R.T. -0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :

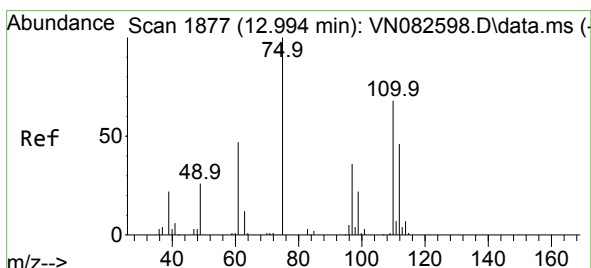
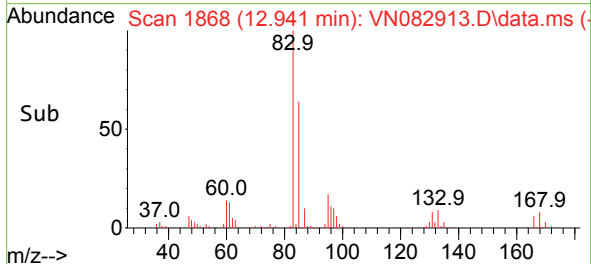
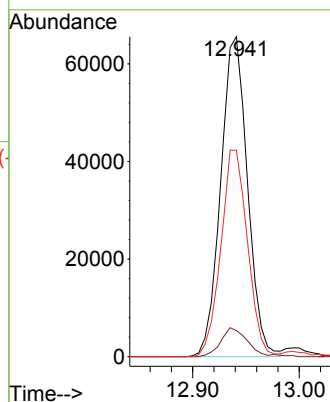
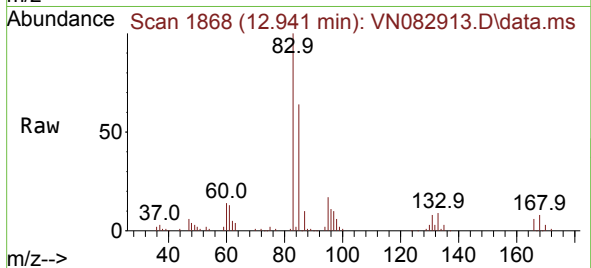
Tgt Ion: 83 Resp: 114592

Ion Ratio Lower Upper

83 100

131 9.1 5.0 14.9

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 88.635 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082913.D

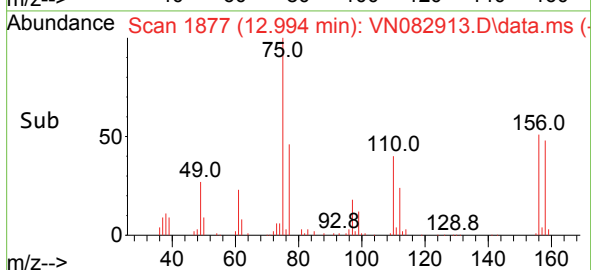
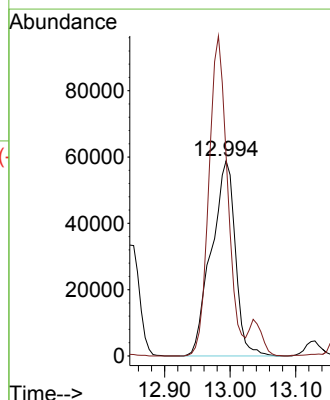
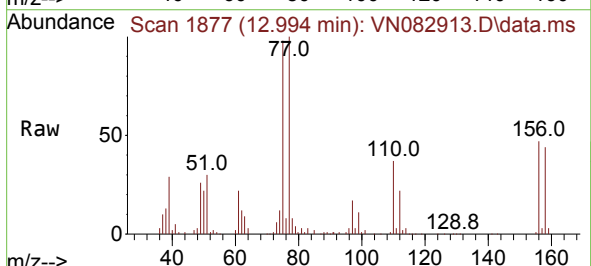
Acq: 12 Jul 2024 20:43

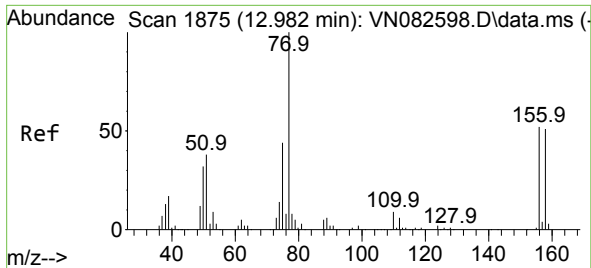
Tgt Ion: 75 Resp: 149030

Ion Ratio Lower Upper

75 100

77 128.1 110.9 332.6

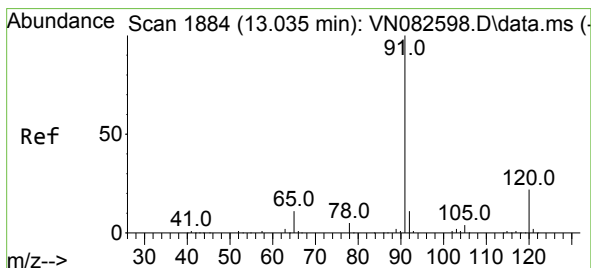
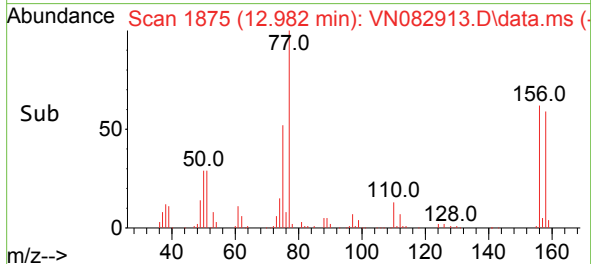
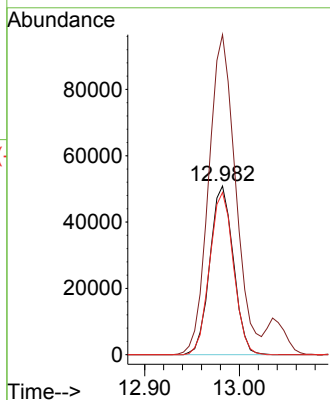
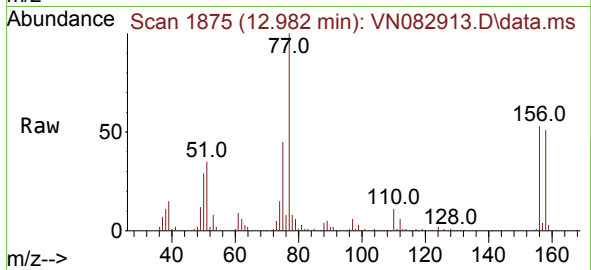




#77
Bromobenzene
Concen: 47.964 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

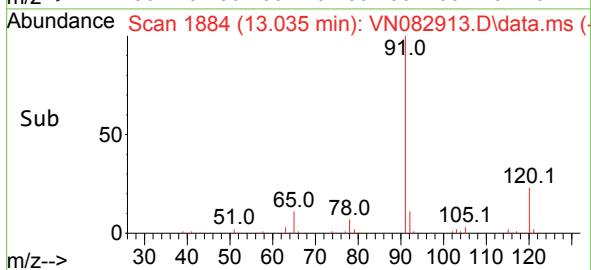
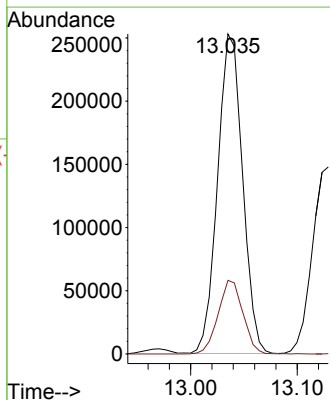
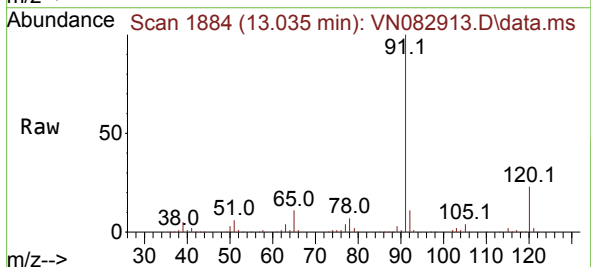
Instrument :
MSVOA_N
ClientSampleId :

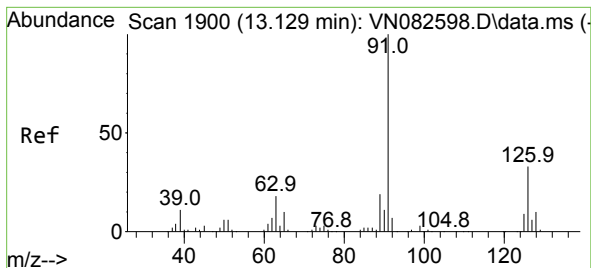
Tgt Ion:156 Resp: 87689
Ion Ratio Lower Upper
156 100
77 217.7 111.3 333.8
158 97.4 48.3 144.9



#78
n-propylbenzene
Concen: 50.443 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 91 Resp: 411008
Ion Ratio Lower Upper
91 100
120 22.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 49.420 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

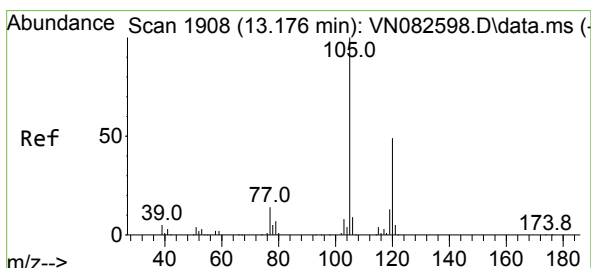
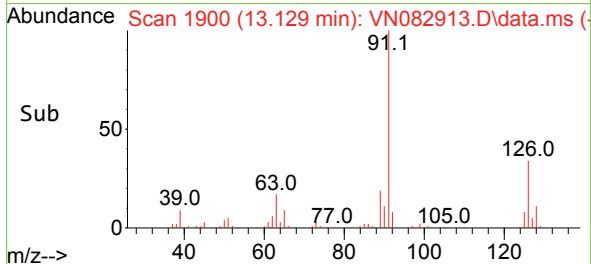
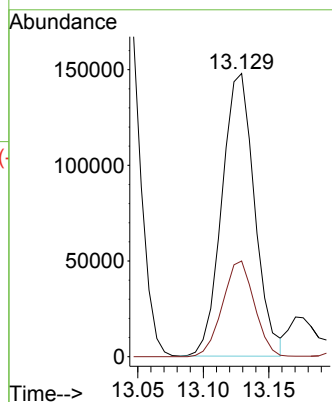
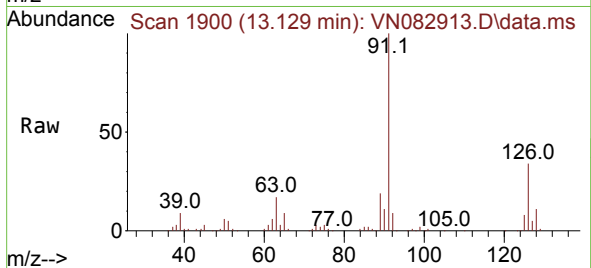
ClientSampleId :

Tgt Ion: 91 Resp: 256566

Ion Ratio Lower Upper

91 100

126 33.0 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 51.138 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082913.D

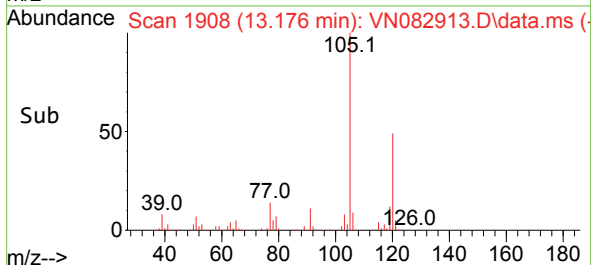
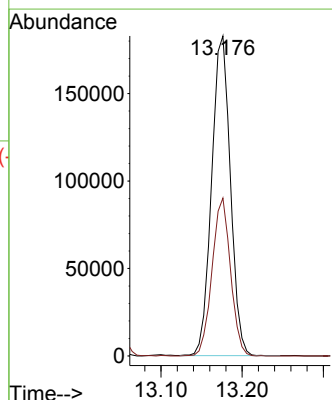
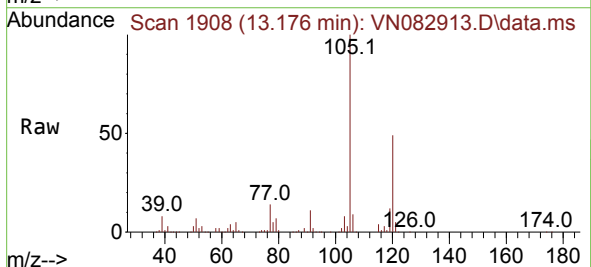
Acq: 12 Jul 2024 20:43

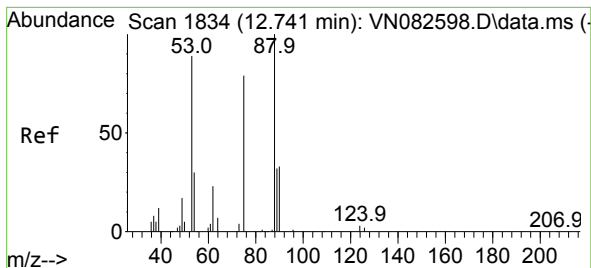
Tgt Ion: 105 Resp: 292932

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

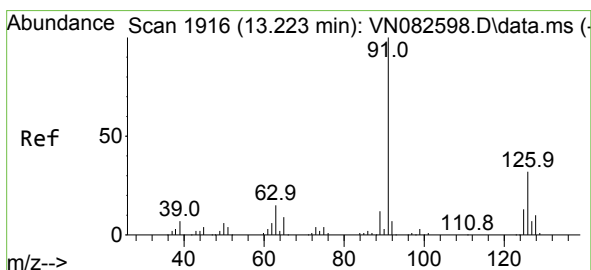
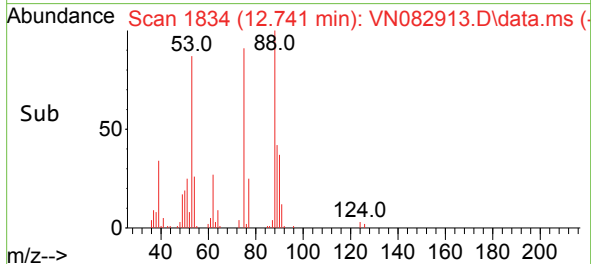
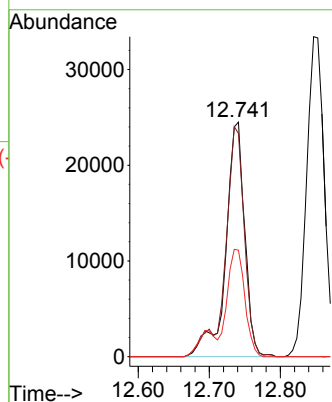
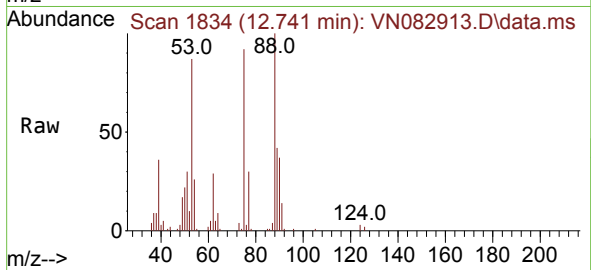




#81
trans-1,4-Dichloro-2-butene
Concen: 53.187 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

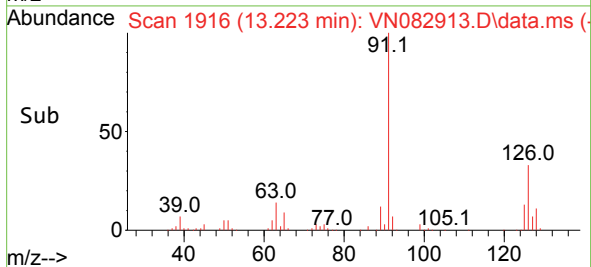
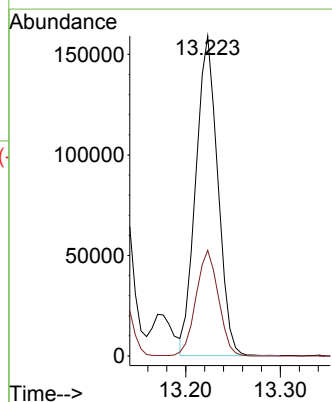
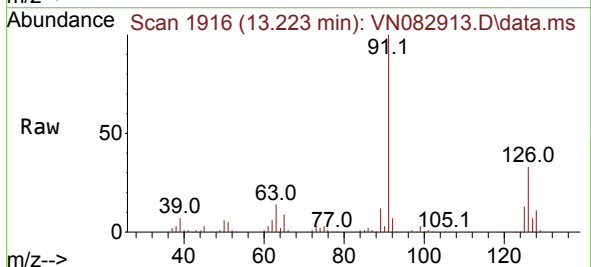
Instrument :
MSVOA_N
ClientSampleId :

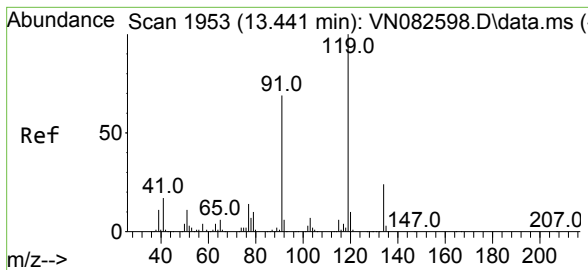
Tgt Ion: 75 Resp: 45471
Ion Ratio Lower Upper
75 100
53 99.1 88.4 132.6
89 42.5 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.821 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 91 Resp: 256012
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.6

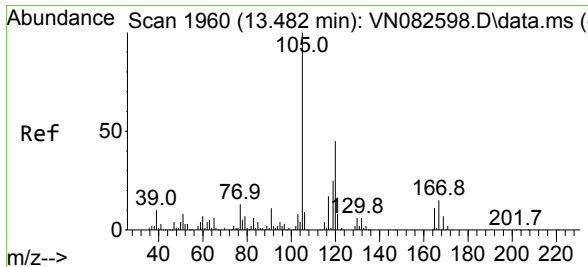
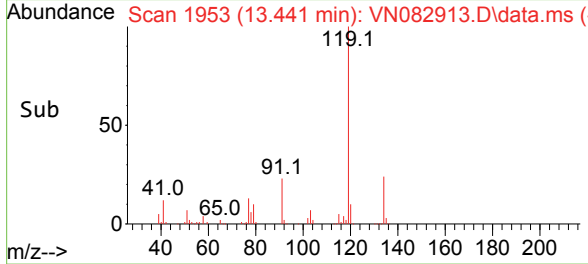
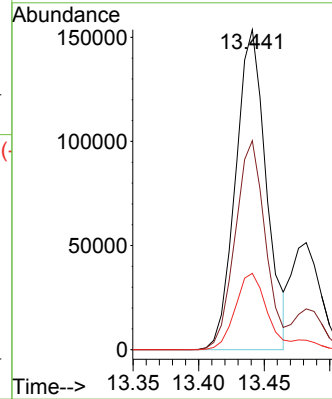
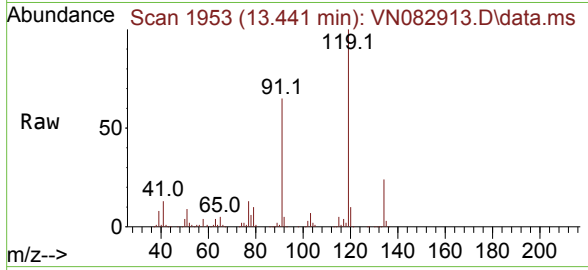




#83
 tert-Butylbenzene
 Concen: 49.280 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN082913.D
 Acq: 12 Jul 2024 20:43

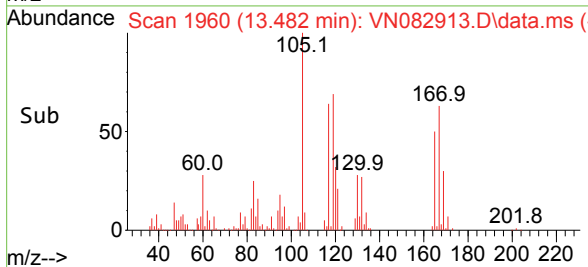
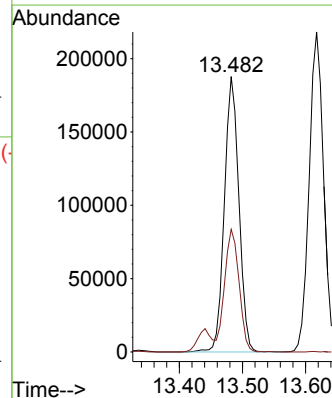
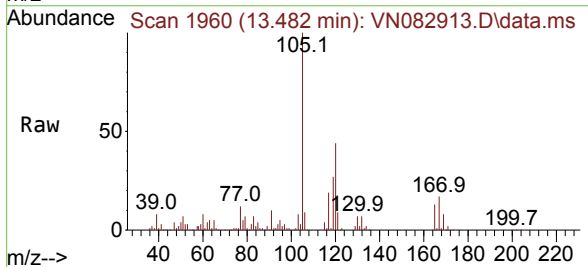
Instrument :
 MSVOA_N
 ClientSampleId :

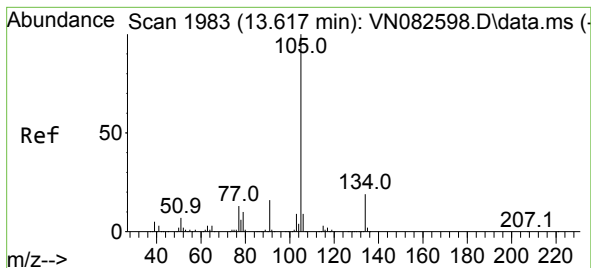
Tgt Ion:119 Resp: 250263
 Ion Ratio Lower Upper
 119 100
 91 64.2 35.0 105.1
 134 24.6 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.373 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082913.D
 Acq: 12 Jul 2024 20:43

Tgt Ion:105 Resp: 299936
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.9 65.8





#85

sec-Butylbenzene

Concen: 50.209 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

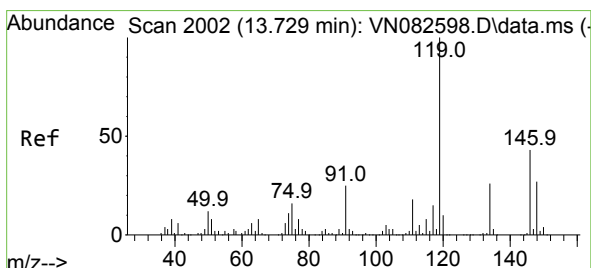
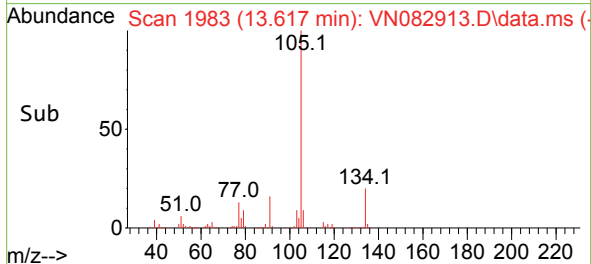
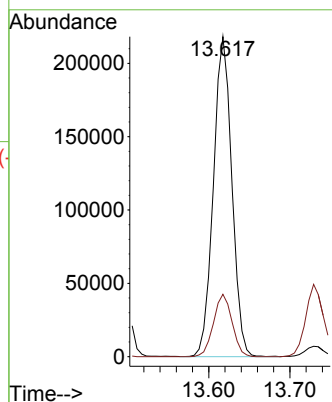
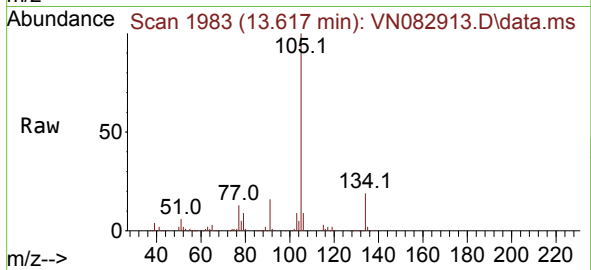
ClientSampleId :

Tgt Ion:105 Resp: 344561

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.541 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

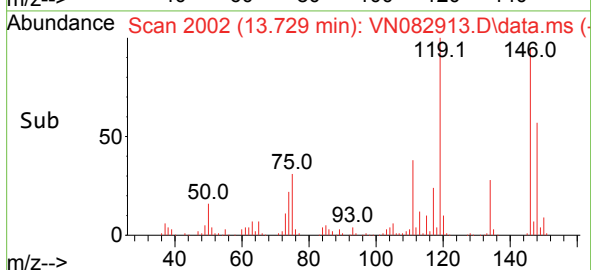
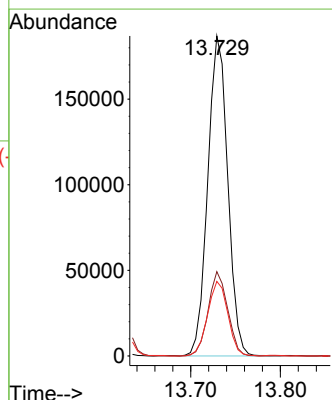
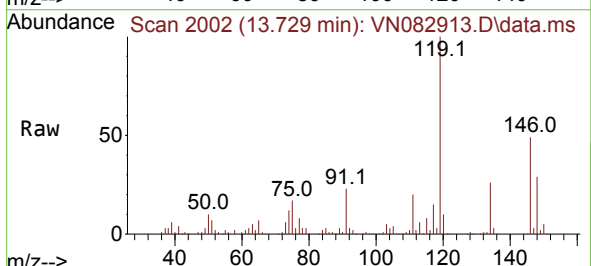
Tgt Ion:119 Resp: 289378

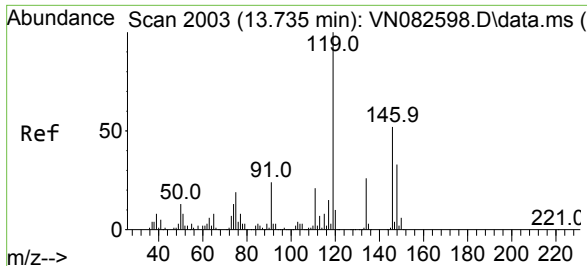
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 23.6 12.3 36.9

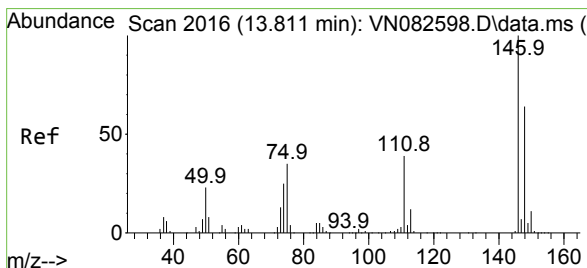
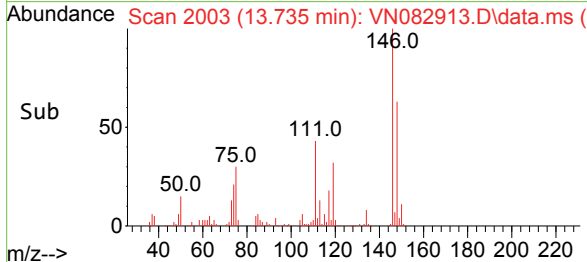
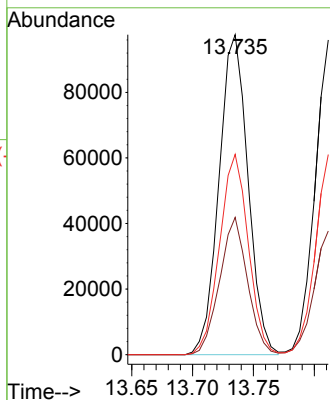
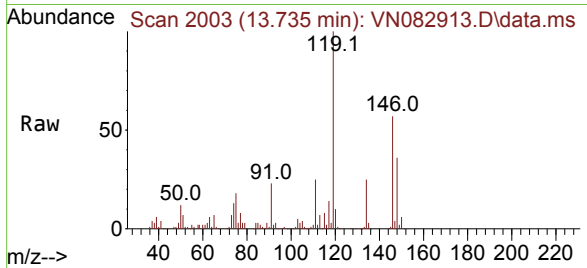




#87
1,3-Dichlorobenzene
Concen: 48.983 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

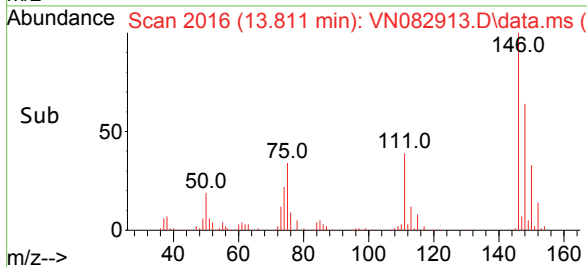
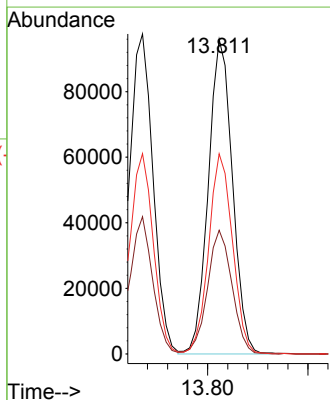
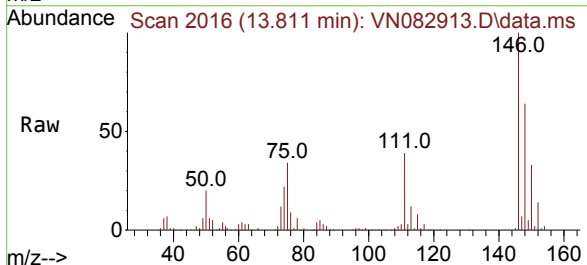
Instrument :
MSVOA_N
ClientSampleId :

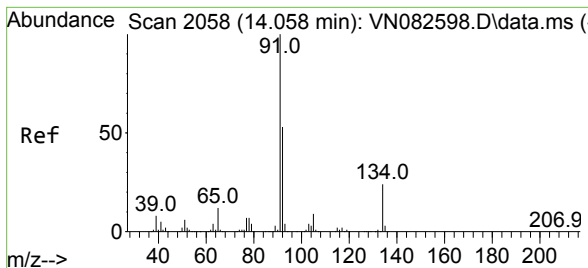
Tgt Ion:146 Resp: 161774
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.9
148 62.3 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 47.016 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion:146 Resp: 160585
Ion Ratio Lower Upper
146 100
111 40.3 20.1 60.3
148 62.8 32.2 96.6





#89

n-Butylbenzene

Concen: 48.286 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :

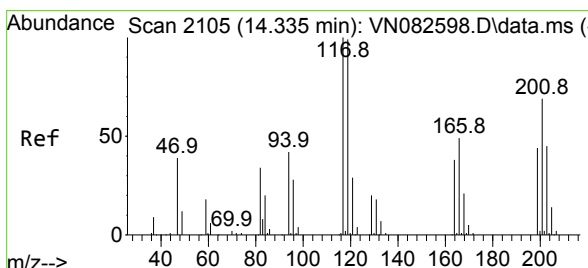
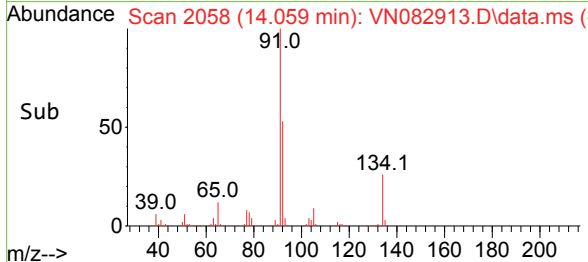
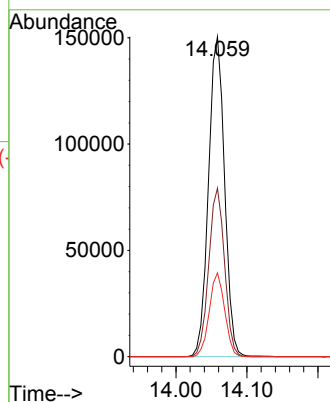
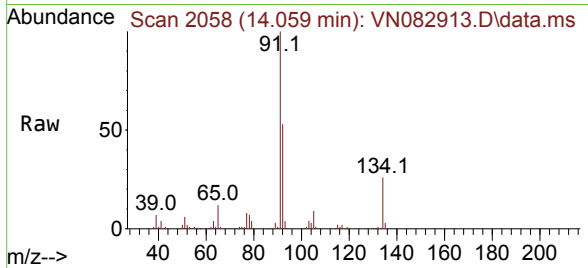
Tgt Ion: 91 Resp: 236859

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.3

134 25.1 12.1 36.3



#90

Hexachloroethane

Concen: 48.216 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082913.D

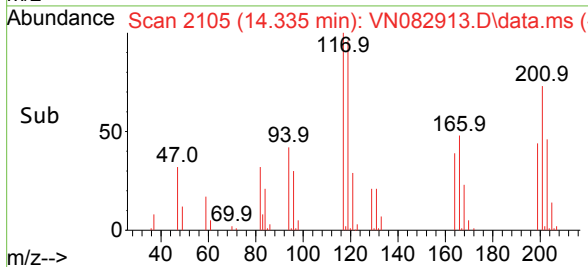
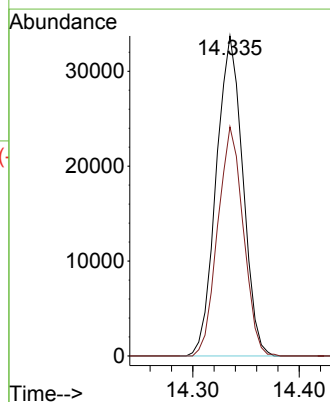
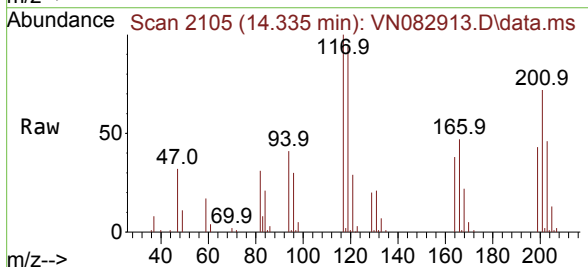
Acq: 12 Jul 2024 20:43

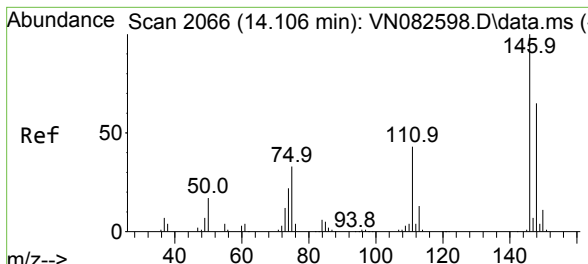
Tgt Ion: 117 Resp: 58415

Ion Ratio Lower Upper

117 100

201 68.9 35.8 107.3

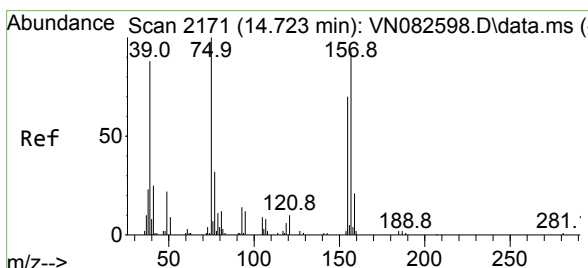
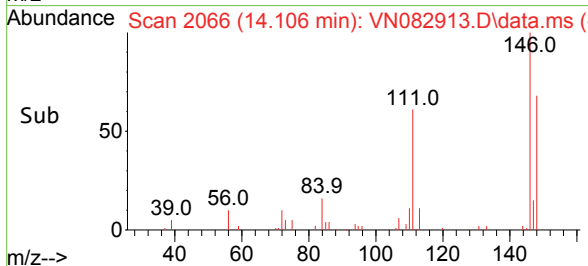
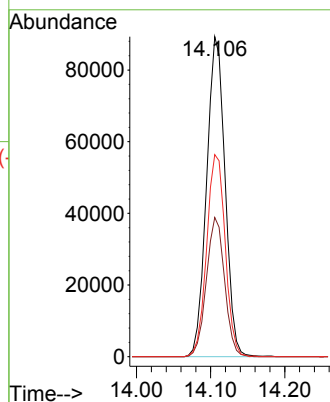
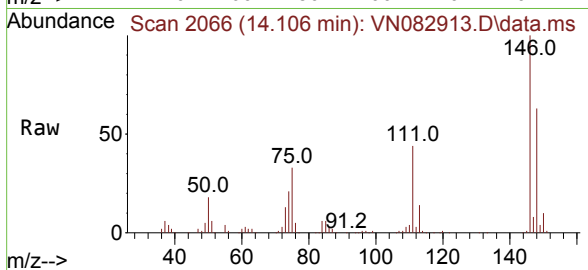




#91
1,2-Dichlorobenzene
Concen: 48.196 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

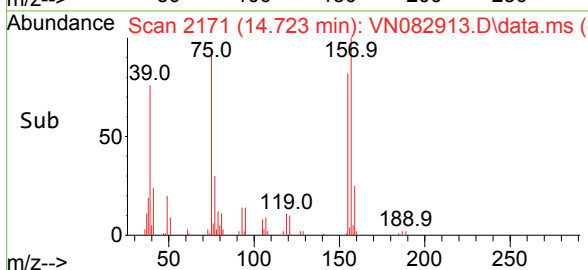
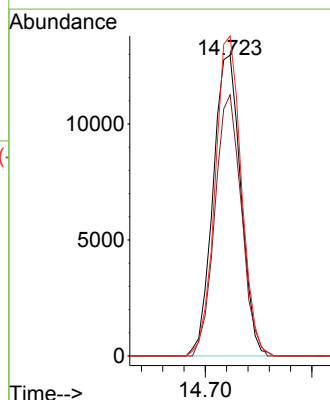
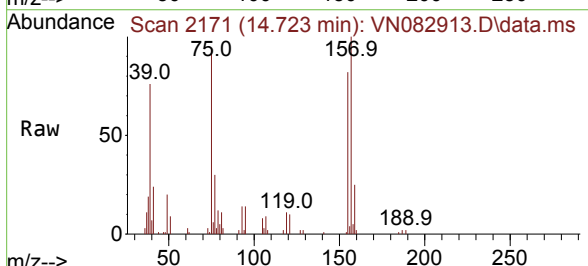
Instrument :
MSVOA_N
ClientSampleId :

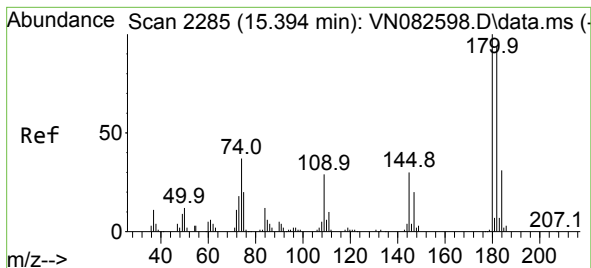
Tgt Ion:146 Resp: 154548
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.2
148 63.5 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.627 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion: 75 Resp: 23385
Ion Ratio Lower Upper
75 100
155 82.9 36.6 109.8
157 100.7 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 44.978 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

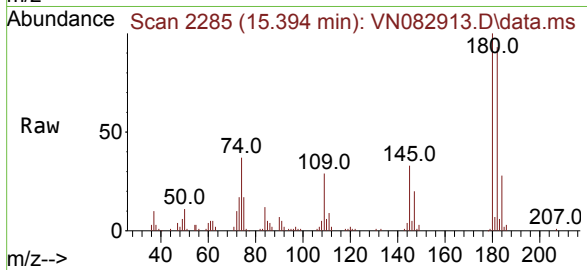
Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

Instrument :

MSVOA_N

ClientSampleId :



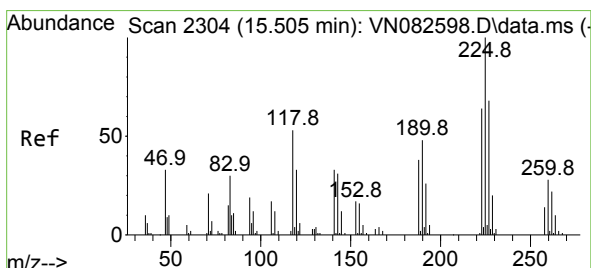
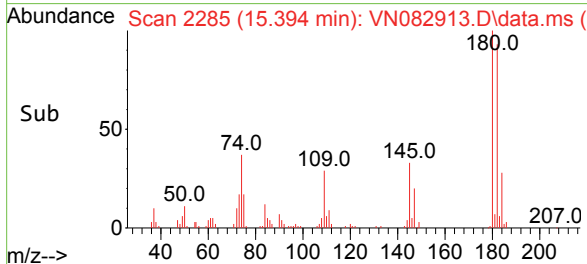
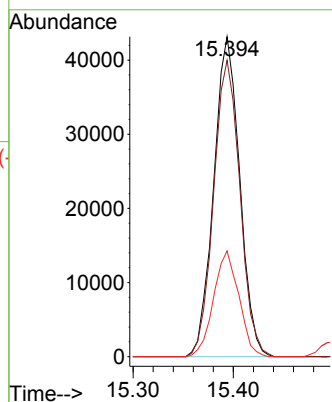
Tgt Ion:180 Resp: 77689

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.8

145 32.3 15.7 47.1



#94

Hexachlorobutadiene

Concen: 41.753 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN082913.D

Acq: 12 Jul 2024 20:43

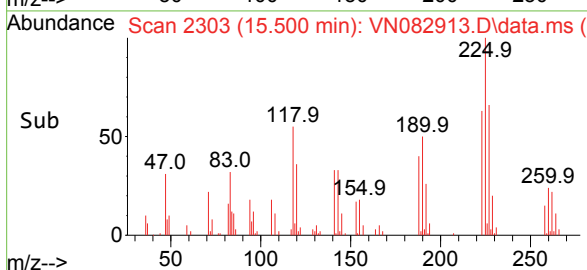
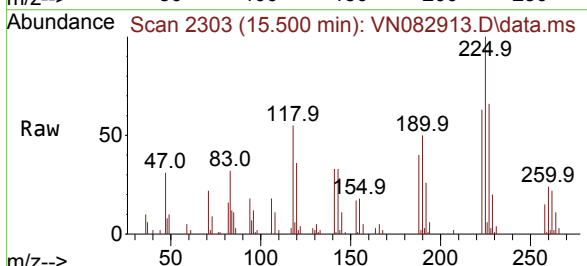
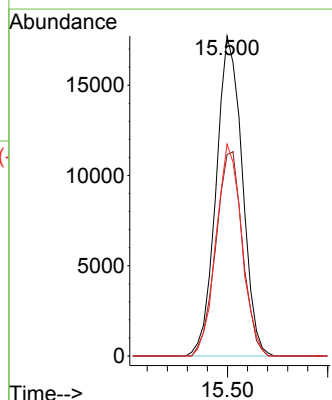
Tgt Ion:225 Resp: 31971

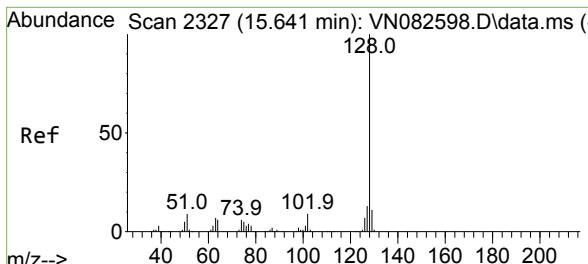
Ion Ratio Lower Upper

225 100

223 65.3 31.9 95.7

227 65.2 32.5 97.5

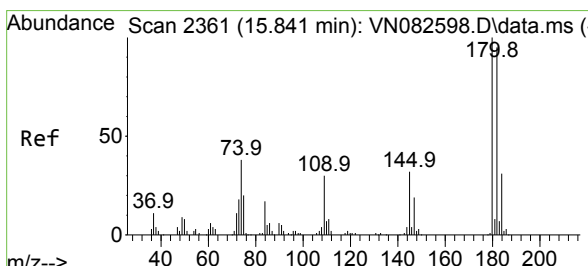
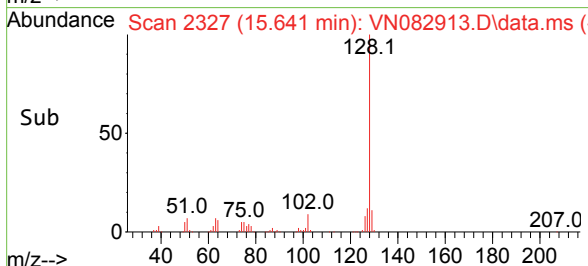
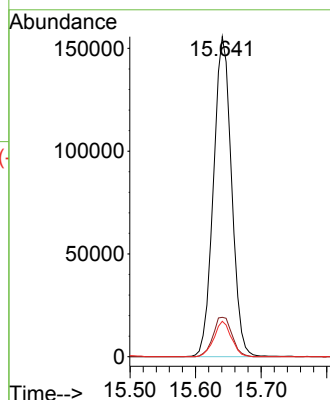
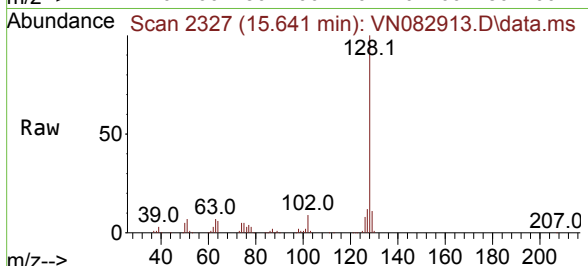




#95
Naphthalene
Concen: 50.372 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	297998
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.6	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 45.291 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082913.D
Acq: 12 Jul 2024 20:43

Tgt Ion:	180	Resp:	80435
Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.9	146.8
145	32.8	16.8	50.4

