

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070224\
 Data File : VN082782.D
 Acq On : 02 Jul 2024 10:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 00:28:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105784	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	91176	41.340	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.680%
35) Dibromofluoromethane	8.171	113	71444	44.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.140%
50) Toluene-d8	10.565	98	252545	42.127	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.260%#
62) 4-Bromofluorobenzene	12.853	95	98139	47.669	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	91431	41.880	ug/l	98
3) Chloromethane	2.359	50	82893	36.276	ug/l	99
4) Vinyl Chloride	2.518	62	141086	58.269	ug/l	98
5) Bromomethane	2.954	94	57972	33.653	ug/l	92
6) Chloroethane	3.118	64	57365	33.590	ug/l	99
7) Trichlorofluoromethane	3.501	101	126312	42.085	ug/l	96
8) Diethyl Ether	3.959	74	54427	57.982	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	77966	45.533	ug/l	98
10) Methyl Iodide	4.589	142	94972	60.490	ug/l	97
11) Tert butyl alcohol	5.518	59	81446	231.193	ug/l	98
12) 1,1-Dichloroethene	4.342	96	73861	46.243	ug/l	88
13) Acrolein	4.177	56	65085	303.699	ug/l	97
14) Allyl chloride	5.024	41	114699	47.794	ug/l #	94
15) Acrylonitrile	5.718	53	205501	219.296	ug/l	99
16) Acetone	4.424	43	177850	212.840	ug/l	96
17) Carbon Disulfide	4.712	76	190733	36.461	ug/l	99
18) Methyl Acetate	5.030	43	90952	40.944	ug/l #	88
19) Methyl tert-butyl Ether	5.795	73	291054	54.959	ug/l	95
20) Methylene Chloride	5.271	84	88983	42.083	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	79394	46.064	ug/l	87
22) Diisopropyl ether	6.671	45	271316	48.595	ug/l #	95
23) Vinyl Acetate	6.600	43	1111461	249.327	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	156886	46.284	ug/l	98
25) 2-Butanone	7.483	43	272498	213.452	ug/l #	88
26) 2,2-Dichloropropane	7.489	77	143342	65.914	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	102676	50.631	ug/l	88
28) Bromochloromethane	7.812	49	62852	42.394	ug/l #	78
29) Tetrahydrofuran	7.836	42	176510	214.418	ug/l #	84
30) Chloroform	7.965	83	167240	46.279	ug/l	98
31) Cyclohexane	8.259	56	121242	39.016	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	147654	46.278	ug/l	96
36) 1,1-Dichloropropene	8.371	75	112284	48.733	ug/l	98
37) Ethyl Acetate	7.559	43	116026	46.592	ug/l #	94
38) Carbon Tetrachloride	8.365	117	130557	48.448	ug/l	99
39) Methylcyclohexane	9.600	83	115713	48.371	ug/l	92
40) Benzene	8.606	78	349431	46.230	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	63488	49.444	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	131023	48.273	ug/l	97
43) Isopropyl Acetate	8.688	43	221578	50.910	ug/l #	95
44) Trichloroethene	9.353	130	87428	49.819	ug/l	99
45) 1,2-Dichloropropane	9.618	63	87122	47.559	ug/l	99
46) Dibromomethane	9.712	93	67509	50.453	ug/l	97
47) Bromodichloromethane	9.888	83	137548	50.448	ug/l	100
48) Methyl methacrylate	9.682	41	95414	49.787	ug/l #	88
49) 1,4-Dioxane	9.694	88	37358	976.768	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	586922	230.430	ug/l	92
52) Toluene	10.629	92	228148	51.403	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	149170	57.846	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	153813	56.733	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	89855	52.210	ug/l	95
56) Ethyl methacrylate	10.877	69	149087	57.597	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	152088	50.276	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	327336	251.016	ug/l	94
59) 2-Hexanone	11.194	43	439732	232.834	ug/l	91
60) Dibromochloromethane	11.359	129	112491	53.894	ug/l	99
61) 1,2-Dibromoethane	11.471	107	93108	51.491	ug/l	99
64) Tetrachloroethene	11.106	164	83080	49.463	ug/l	98
65) Chlorobenzene	11.894	112	256485	50.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	93701	53.607	ug/l	99
67) Ethyl Benzene	11.965	91	438315	52.804	ug/l	98
68) m/p-Xylenes	12.071	106	337339	109.223	ug/l	97
69) o-Xylene	12.400	106	165166	55.490	ug/l	97
70) Styrene	12.412	104	288355	57.063	ug/l	98
71) Bromoform	12.582	173	77582	56.755	ug/l #	100
73) Isopropylbenzene	12.694	105	410359	53.190	ug/l	99
74) N-amyl acetate	12.494	43	183659	53.336	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	120550	44.535	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	171854	74.480	ug/l	41
77) Bromobenzene	12.982	156	106245	55.415	ug/l	92
78) n-propylbenzene	13.035	91	472574	51.876	ug/l	99
79) 2-Chlorotoluene	13.123	91	296863	51.998	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	339280	53.535	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50560	57.145	ug/l	96
82) 4-Chlorotoluene	13.223	91	298684	53.018	ug/l	98
83) tert-Butylbenzene	13.441	119	292708	54.882	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	348871	55.694	ug/l	99
85) sec-Butylbenzene	13.618	105	395927	52.981	ug/l	98
86) p-Isopropyltoluene	13.729	119	336022	56.121	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	187649	51.113	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	188304	49.279	ug/l	99
89) n-Butylbenzene	14.059	91	285044	53.762	ug/l	98
90) Hexachloroethane	14.335	117	63978	48.123	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	183341	52.583	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25914	50.815	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	105601	62.040	ug/l	99
94) Hexachlorobutadiene	15.500	225	39711	51.577	ug/l	98
95) Naphthalene	15.641	128	368241	65.136	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	104162	57.382	ug/l	97

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QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration

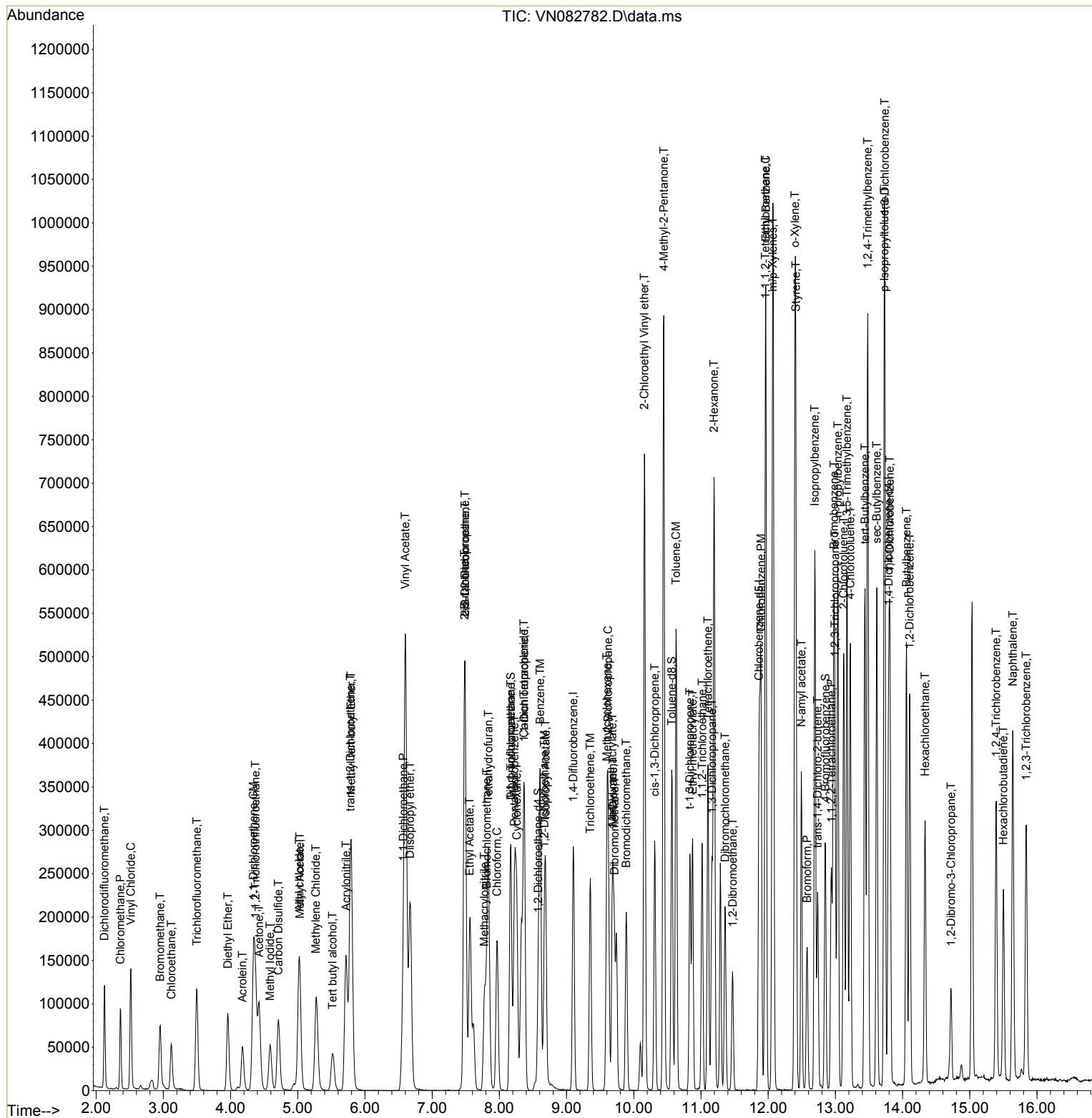
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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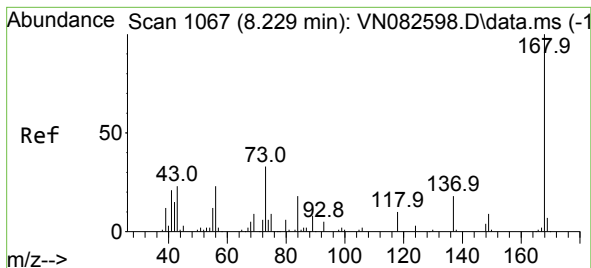
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.005 min

Lab File: VN082782.D

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Instrument :

MSVOA_N

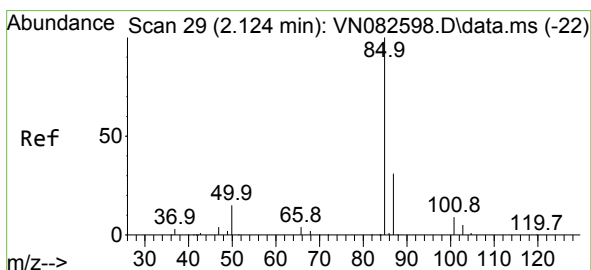
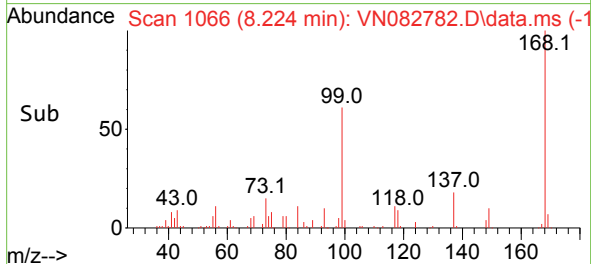
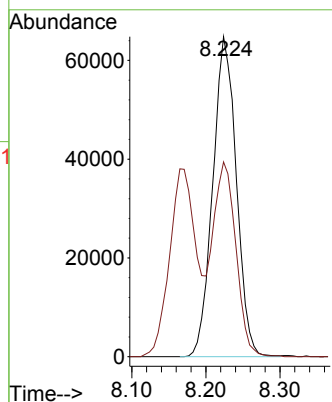
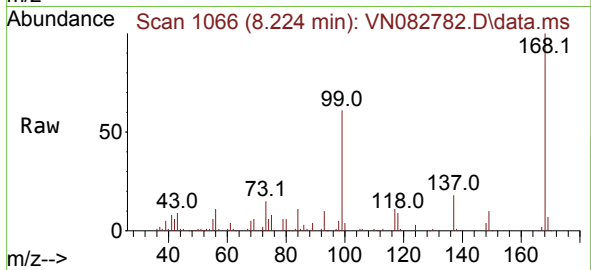
ClientSampleId :

Tgt Ion:168 Resp: 143014

Ion Ratio Lower Upper

168 100

99 60.6 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 41.880 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082782.D

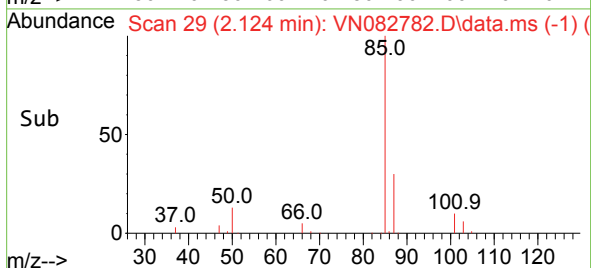
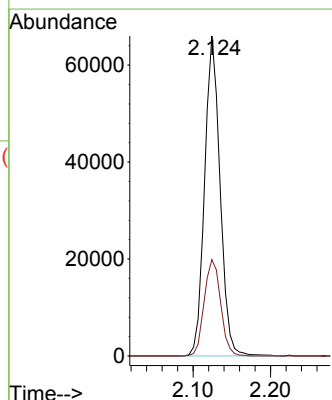
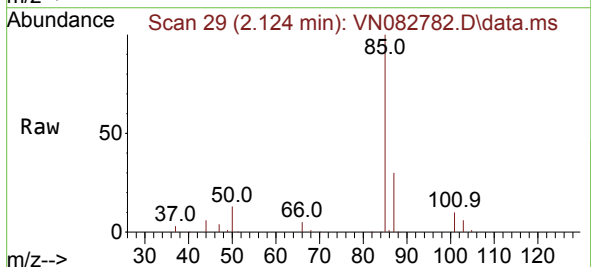
Acq: 02 Jul 2024 10:26

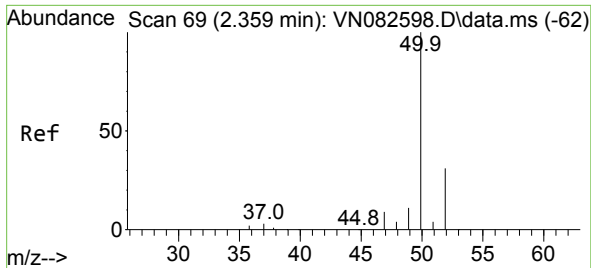
Tgt Ion: 85 Resp: 91431

Ion Ratio Lower Upper

85 100

87 30.1 15.7 47.0

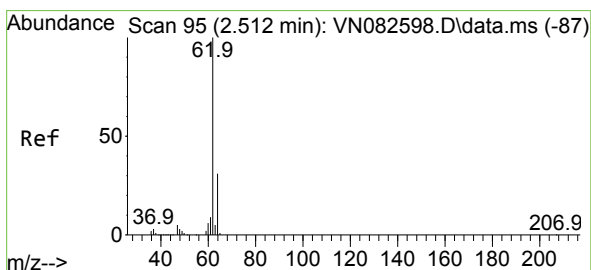
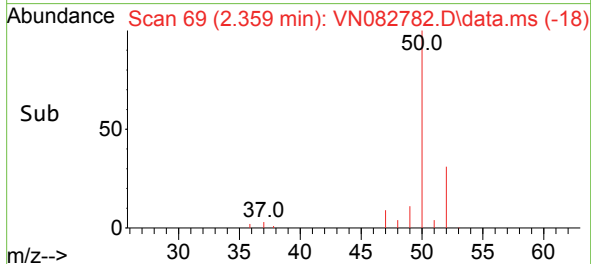
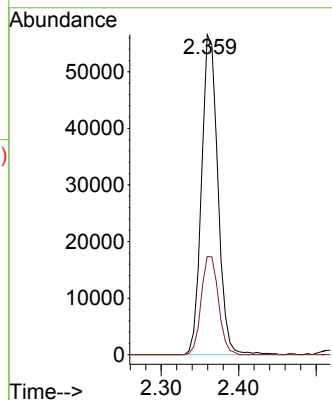
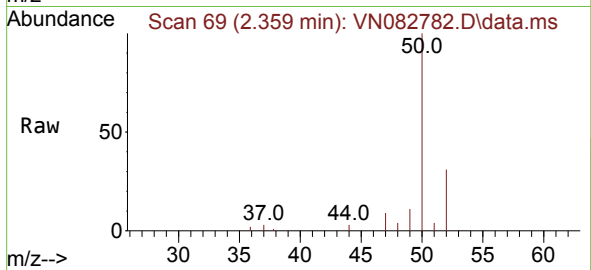




#3
Chloromethane
Concen: 36.276 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082782.D
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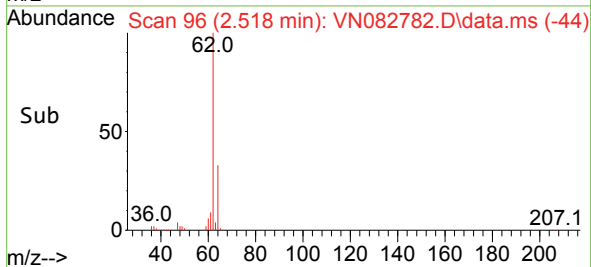
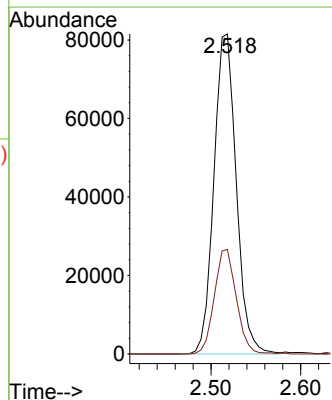
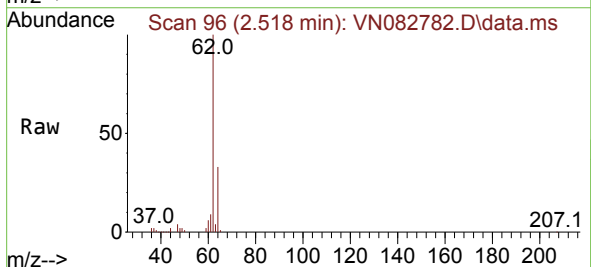
Instrument :
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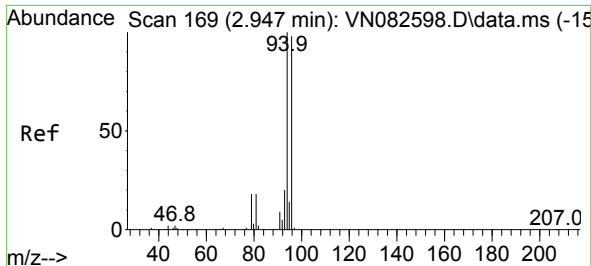
Tgt Ion: 50 Resp: 82893
Ion Ratio Lower Upper
50 100
52 30.7 25.0 37.4



#4
Vinyl Chloride
Concen: 58.269 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 62 Resp: 141086
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6

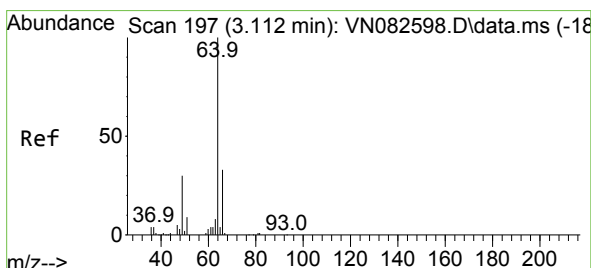
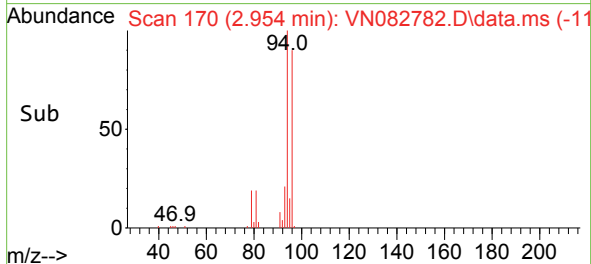
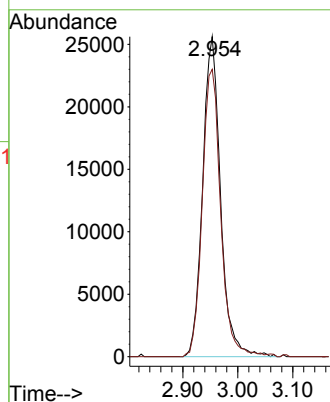
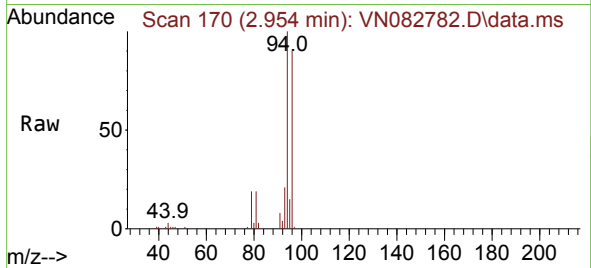




#5
Bromomethane
Concen: 33.653 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN082782.D
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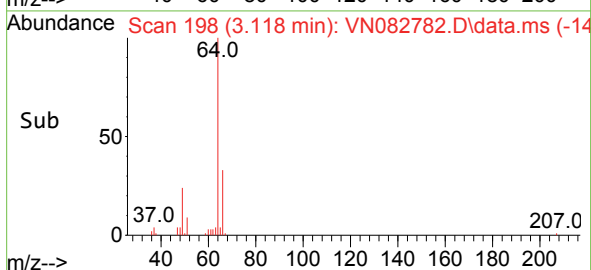
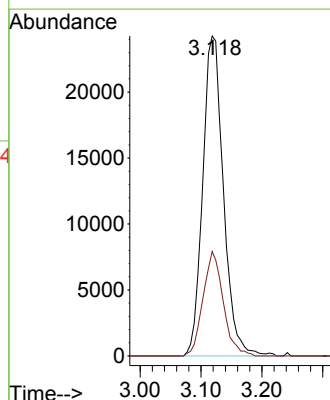
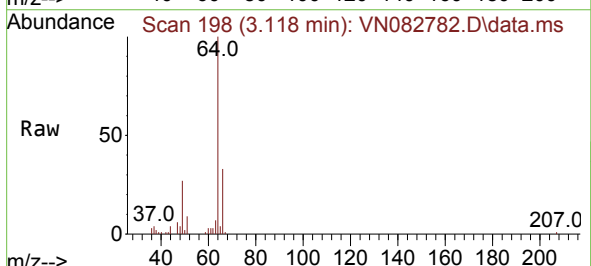
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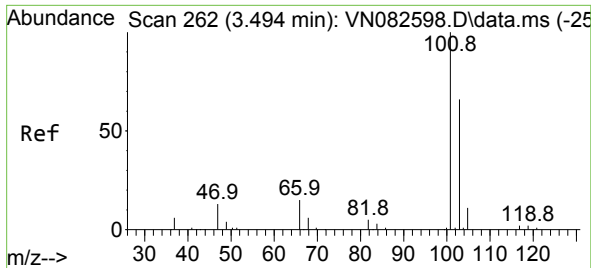
Tgt Ion: 94 Resp: 57972
Ion Ratio Lower Upper
94 100
96 89.8 78.0 117.0



#6
Chloroethane
Concen: 33.590 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082782.D
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Tgt Ion: 64 Resp: 57365
Ion Ratio Lower Upper
64 100
66 32.6 26.6 40.0

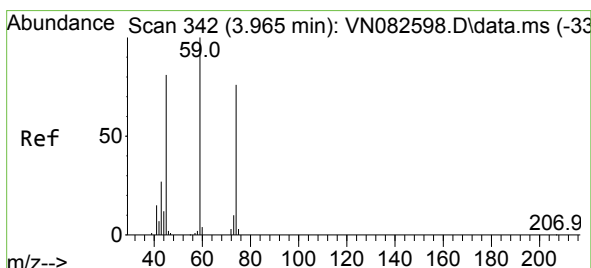
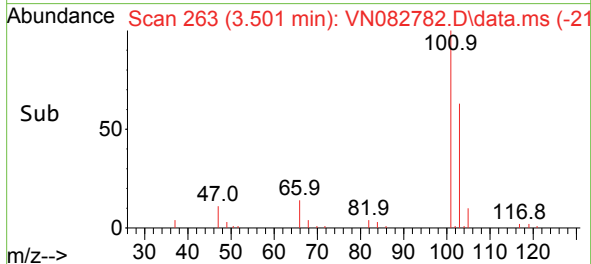
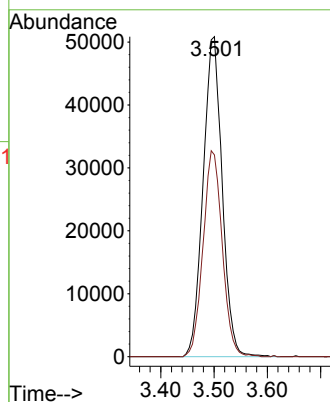
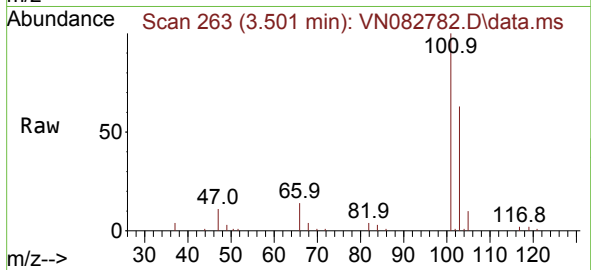




#7
Trichlorofluoromethane
Concen: 42.085 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.007 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

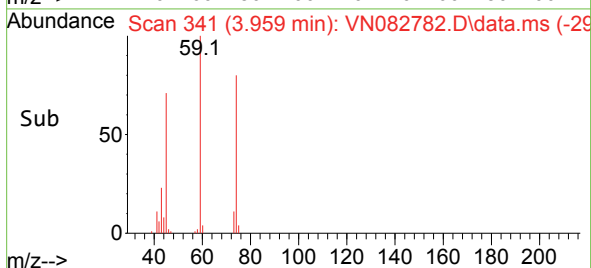
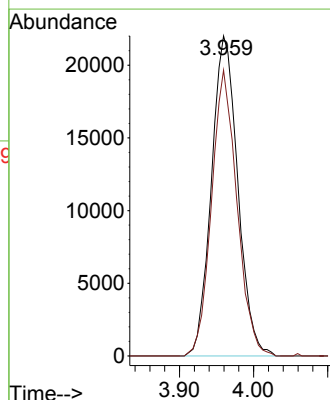
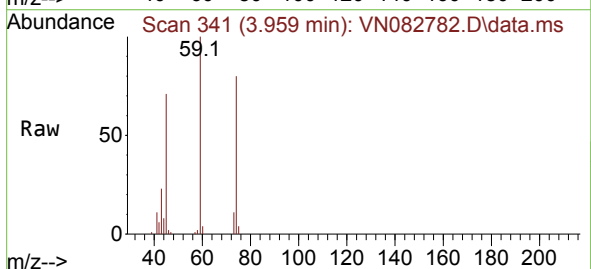
Instrument :
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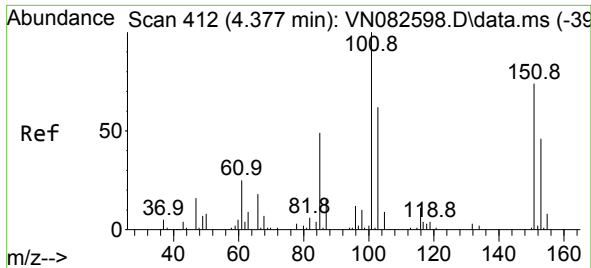
Tgt Ion:101 Resp: 126312
Ion Ratio Lower Upper
101 100
103 63.1 52.7 79.1



#8
Diethyl Ether
Concen: 57.982 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 54427
Ion Ratio Lower Upper
74 100
45 85.9 55.5 166.3

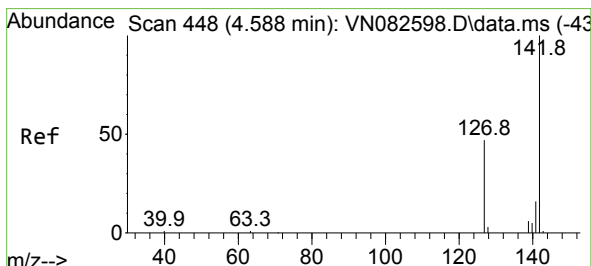
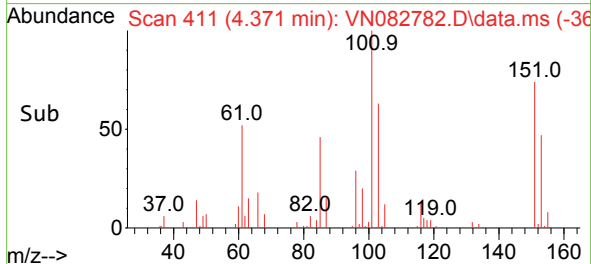
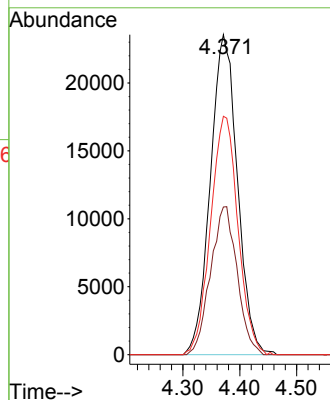
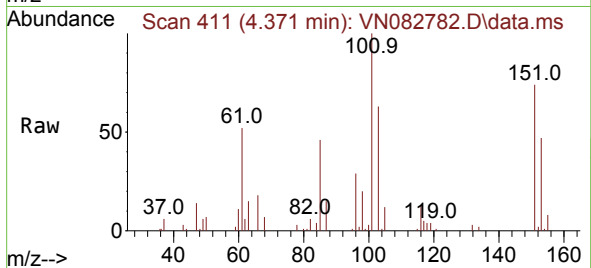




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.533 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

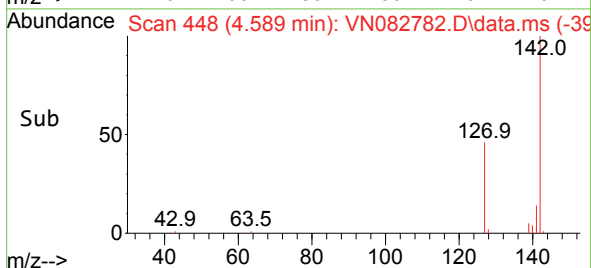
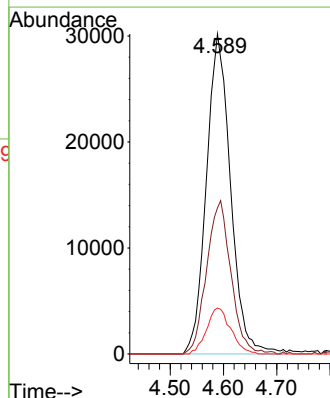
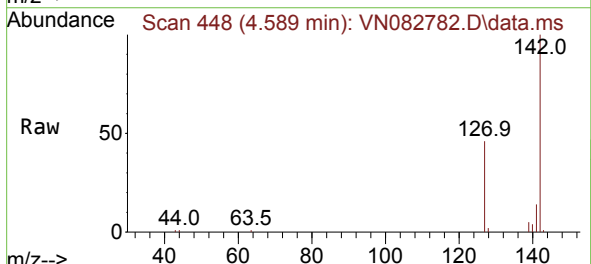
Instrument :
MSVOA_N
ClientSampleId :

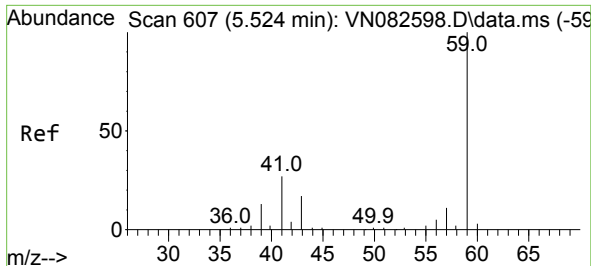
Tgt Ion:101 Resp: 77966
Ion Ratio Lower Upper
101 100
85 45.4 38.3 57.5
151 75.3 59.3 88.9



#10
Methyl Iodide
Concen: 60.490 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

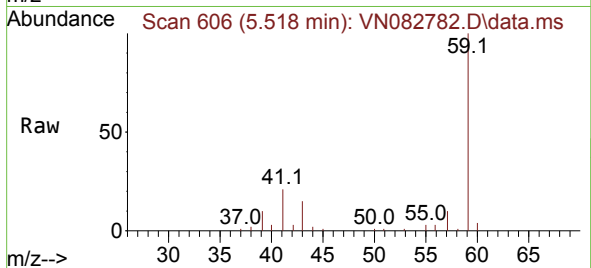
Tgt Ion:142 Resp: 94972
Ion Ratio Lower Upper
142 100
127 45.6 37.5 56.3
141 14.3 13.1 19.7



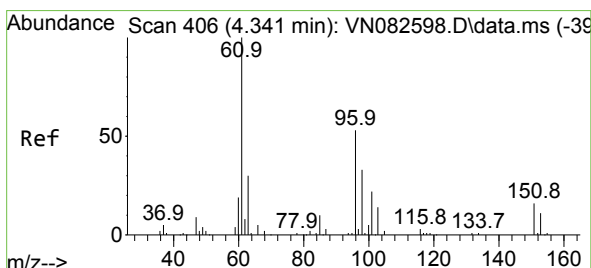
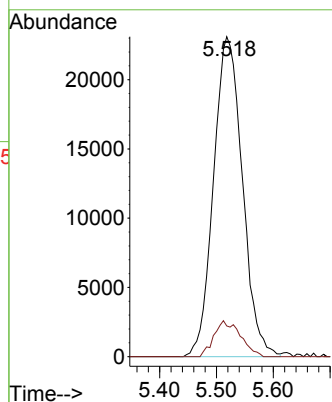
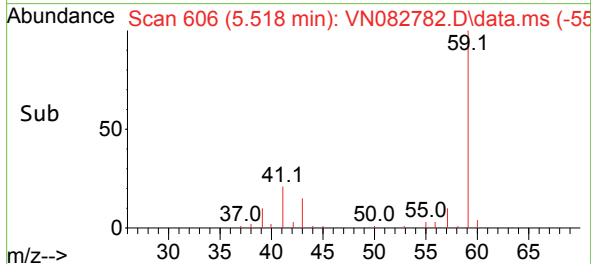


#11
Tert butyl alcohol
Concen: 231.193 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

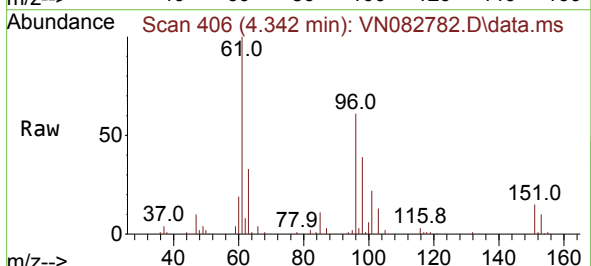
Instrument :
MSVOA_N
ClientSampleId :



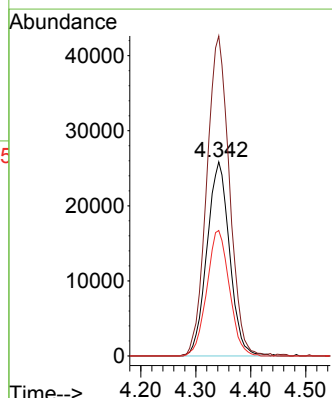
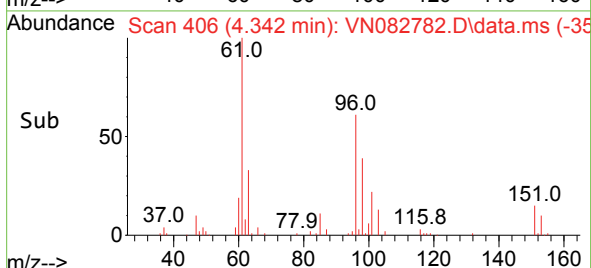
Tgt Ion: 59 Resp: 81446
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3

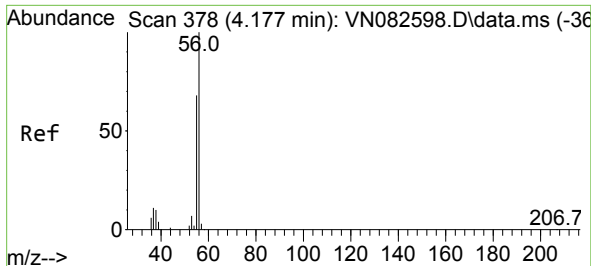


#12
1,1-Dichloroethene
Concen: 46.243 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26



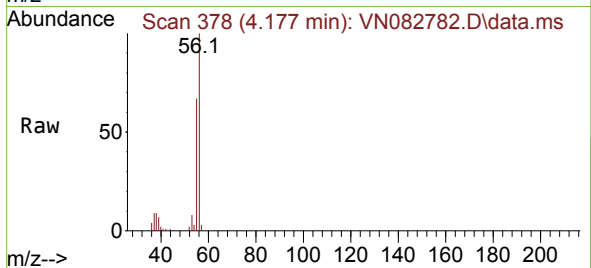
Tgt Ion: 96 Resp: 73861
Ion Ratio Lower Upper
96 100
61 164.9 149.7 224.5
98 64.7 50.1 75.1



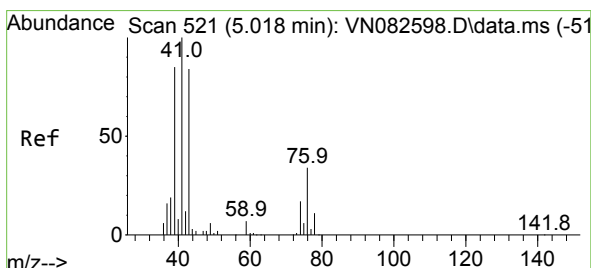
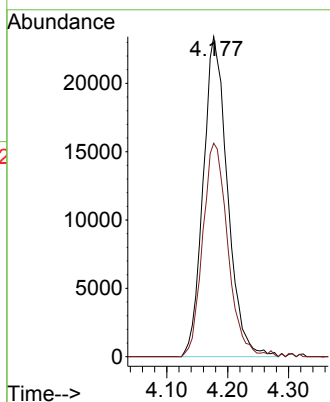
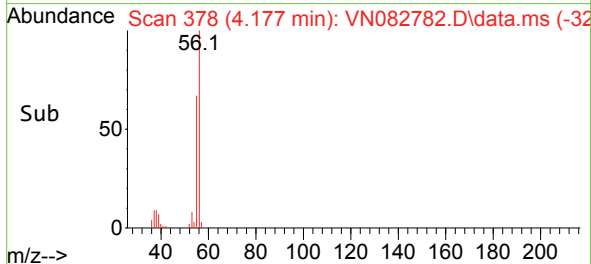


#13
Acrolein
Concen: 303.699 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

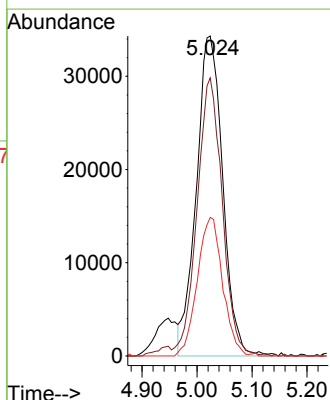
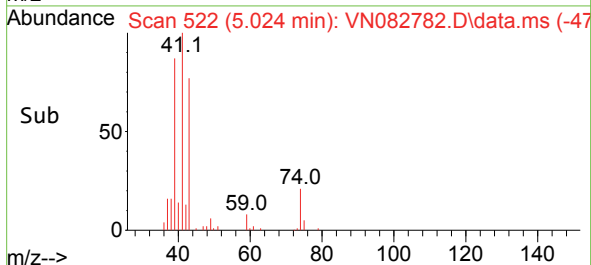
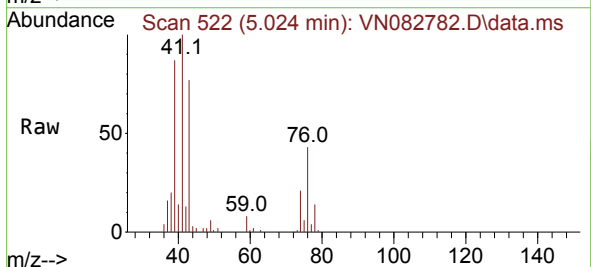


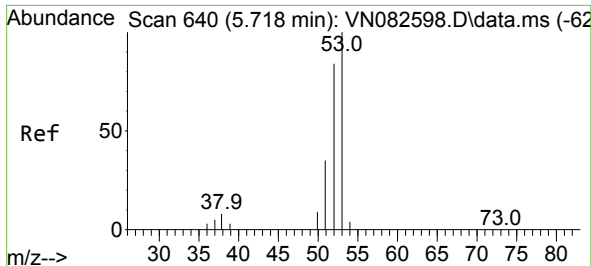
Tgt Ion: 56 Resp: 65085
Ion Ratio Lower Upper
56 100
55 68.2 56.4 84.6



#14
Allyl chloride
Concen: 47.794 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

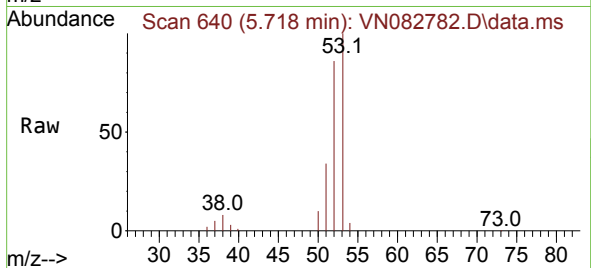
Tgt Ion: 41 Resp: 114699
Ion Ratio Lower Upper
41 100
39 83.1 67.8 101.6
76 41.5 25.8 38.8#



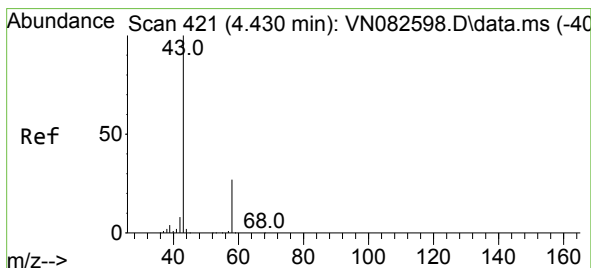
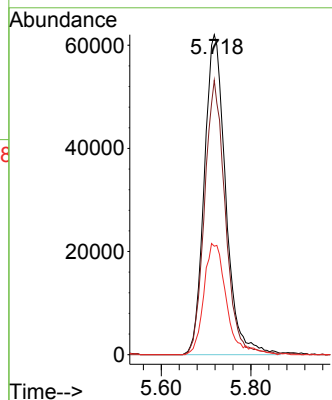
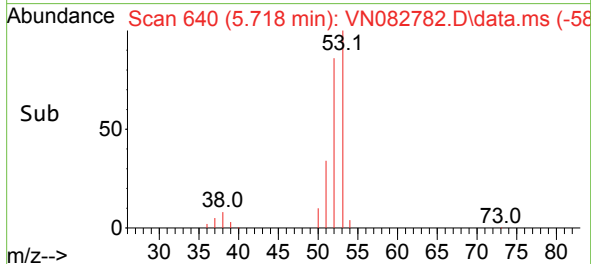


#15
Acrylonitrile
Concen: 219.296 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

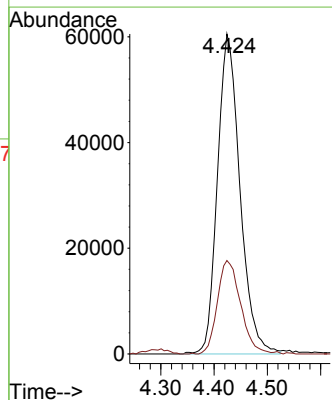
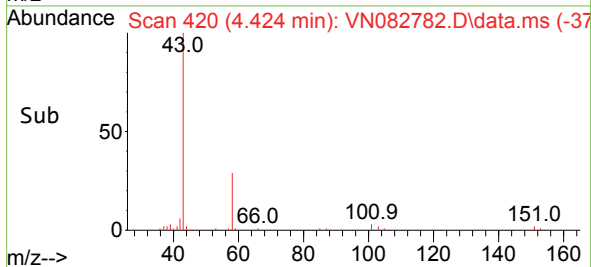
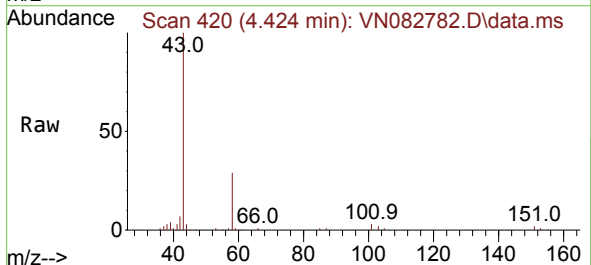


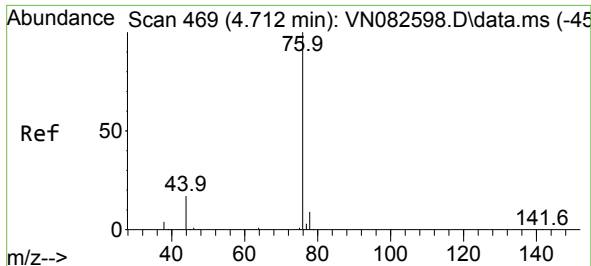
Tgt Ion: 53 Resp: 205501
Ion Ratio Lower Upper
53 100
52 83.2 66.6 100.0
51 36.7 30.1 45.1



#16
Acetone
Concen: 212.840 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 43 Resp: 177850
Ion Ratio Lower Upper
43 100
58 29.2 21.8 32.6

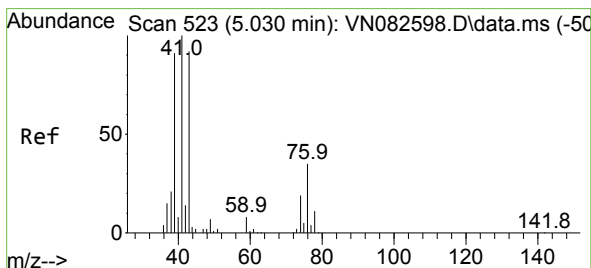
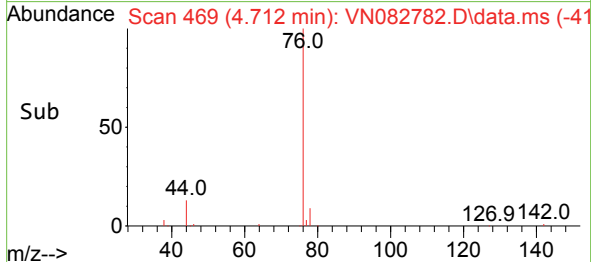
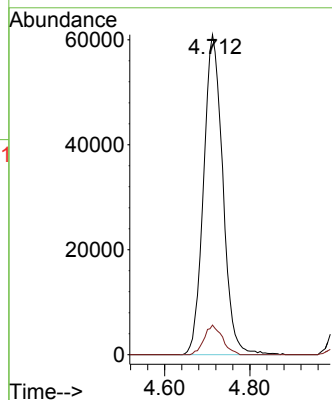
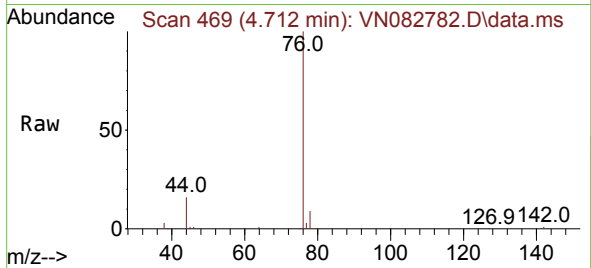




#17
Carbon Disulfide
Concen: 36.461 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

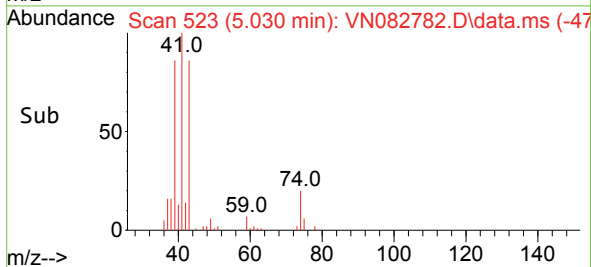
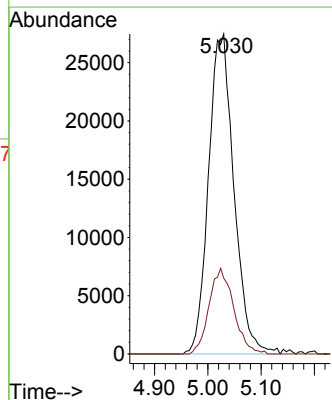
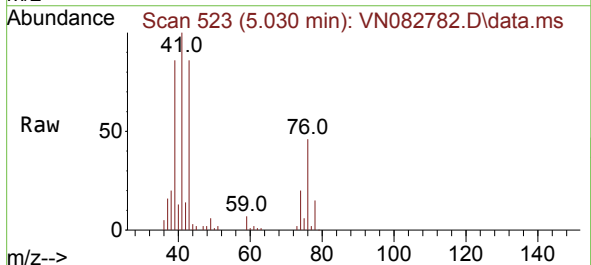
Instrument :
MSVOA_N
ClientSampleId :

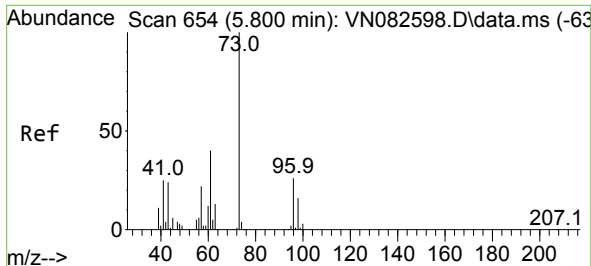
Tgt Ion: 76 Resp: 190733
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 40.944 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 43 Resp: 90952
Ion Ratio Lower Upper
43 100
74 25.9 16.3 24.5#

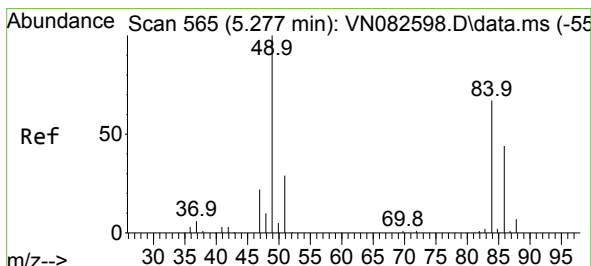
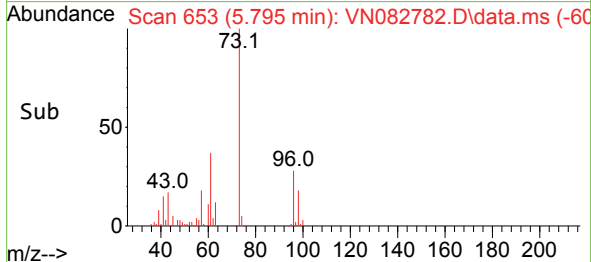
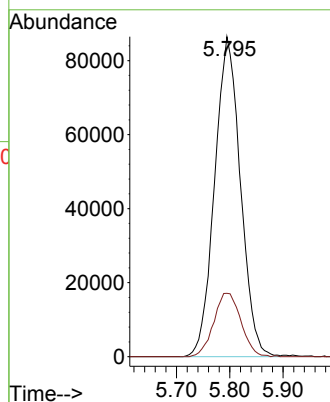
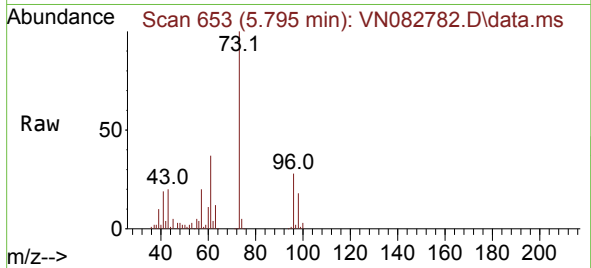




#19
Methyl tert-butyl Ether
Concen: 54.959 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

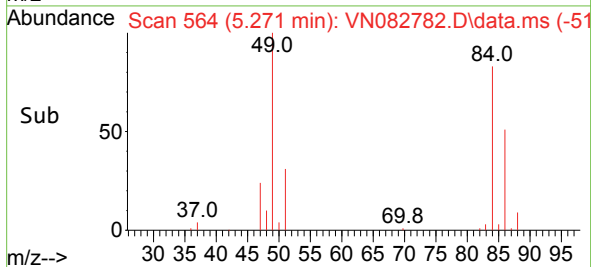
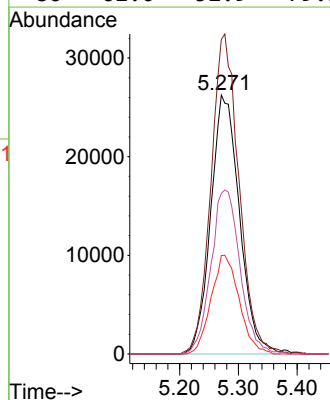
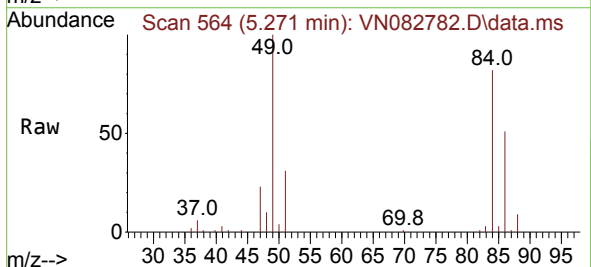
Instrument :
MSVOA_N
ClientSampleId :

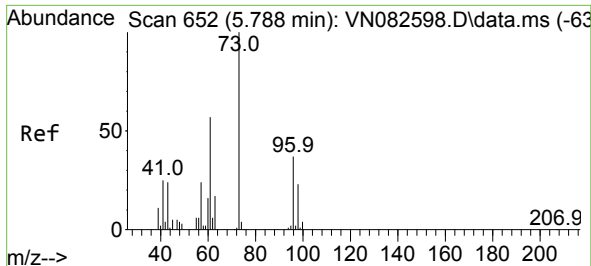
Tgt Ion: 73 Resp: 291054
Ion Ratio Lower Upper
73 100
57 19.8 17.9 26.9



#20
Methylene Chloride
Concen: 42.083 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

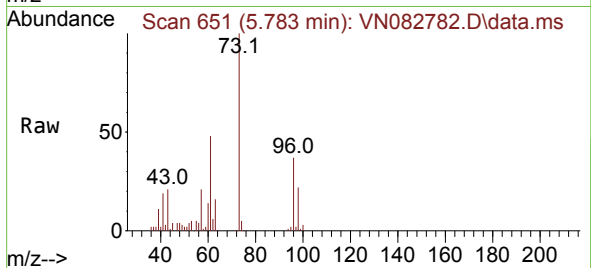
Tgt Ion: 84 Resp: 88983
Ion Ratio Lower Upper
84 100
49 121.5 119.6 179.4
51 38.0 34.8 52.2
86 62.0 52.9 79.3



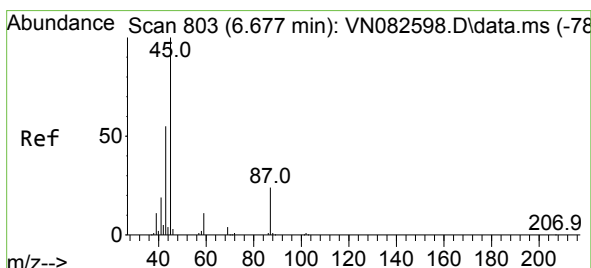
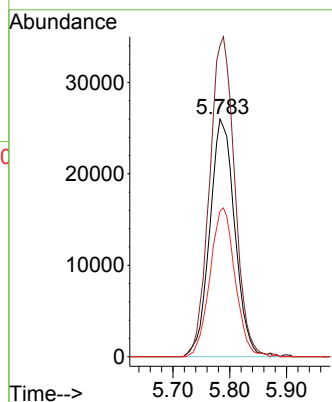
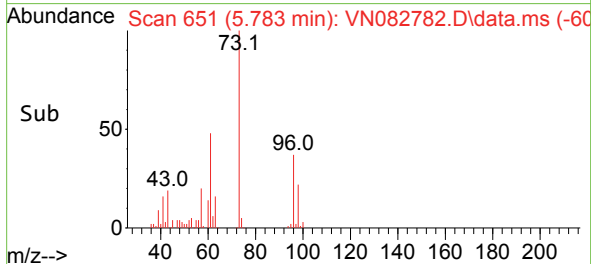


#21
trans-1,2-Dichloroethene
Concen: 46.064 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

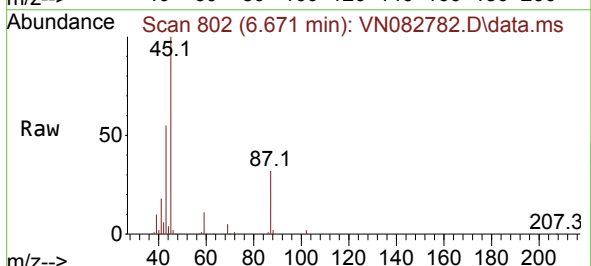
Instrument :
MSVOA_N
ClientSampleId :



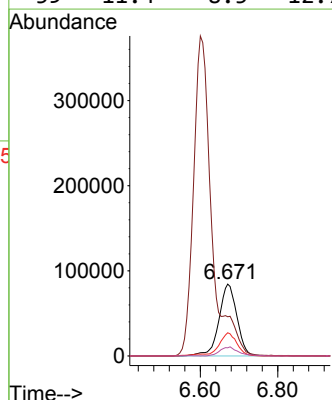
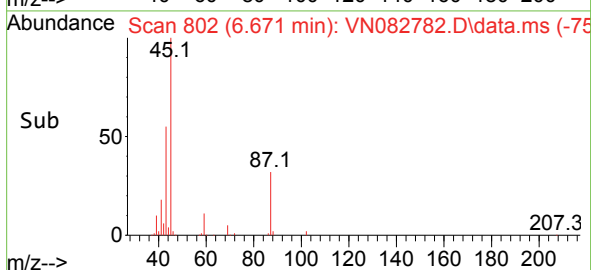
Tgt Ion: 96 Resp: 79394
Ion Ratio Lower Upper
96 100
61 131.0 123.4 185.2
98 61.4 49.3 73.9

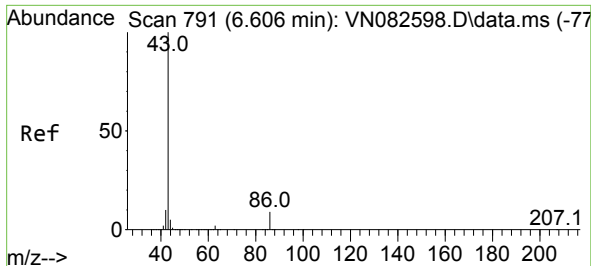


#22
Diisopropyl ether
Concen: 48.595 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26



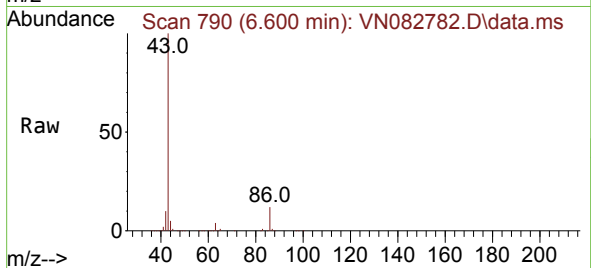
Tgt Ion: 45 Resp: 271316
Ion Ratio Lower Upper
45 100
43 53.9 44.0 66.0
87 32.2 19.7 29.5#
59 11.4 8.5 12.7



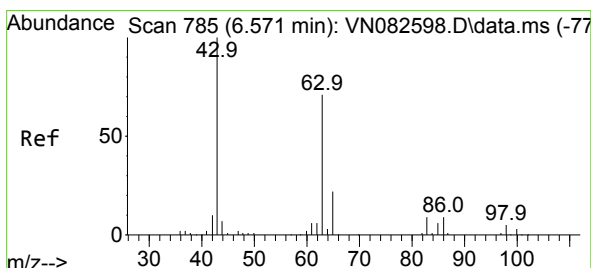
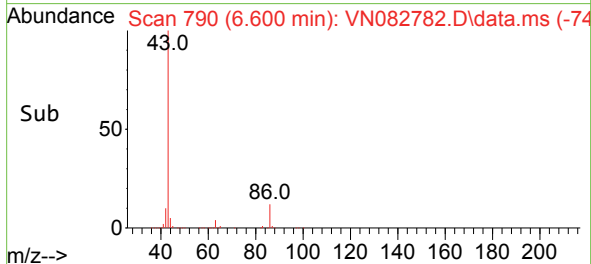
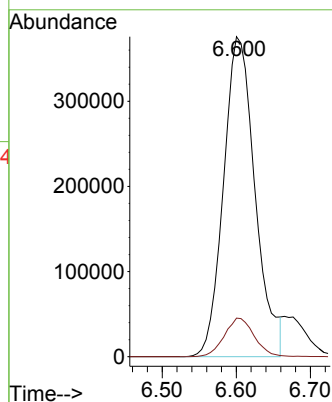


#23
 Vinyl Acetate
 Concen: 249.327 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN082782.D
 Acq: 02 Jul 2024 10:26

Instrument :
 MSVOA_N
 ClientSampleId :

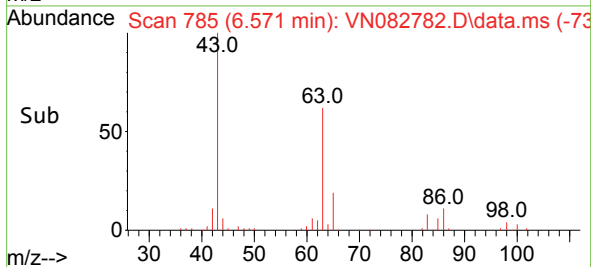
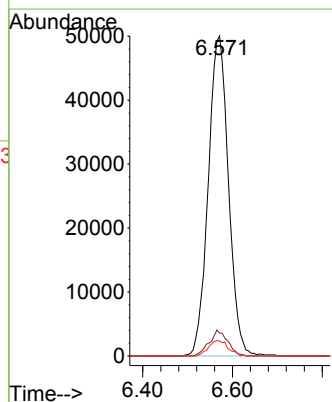
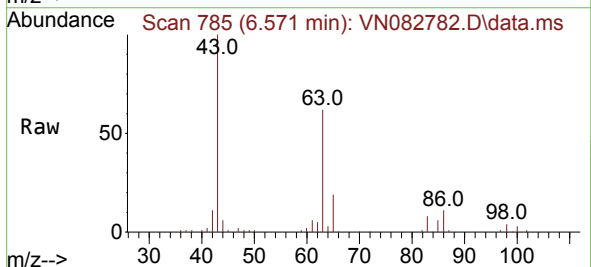


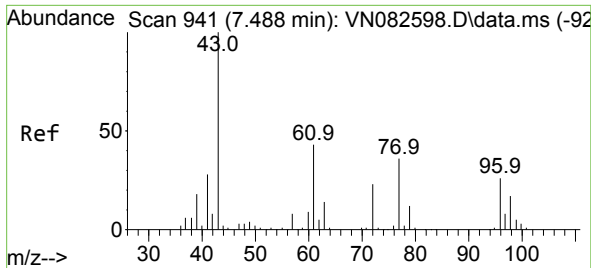
Tgt Ion: 43 Resp: 1111461
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 46.284 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082782.D
 Acq: 02 Jul 2024 10:26

Tgt Ion: 63 Resp: 156886
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.7 2.0 6.0

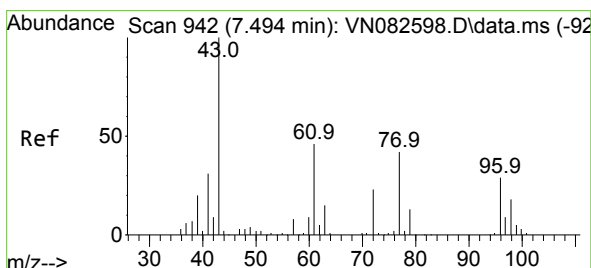
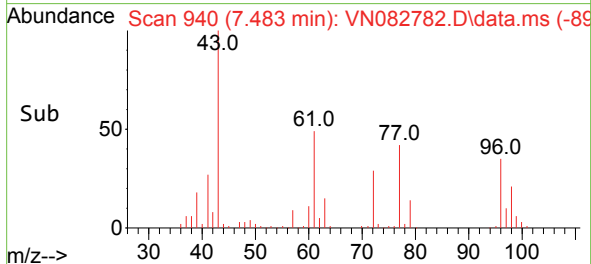
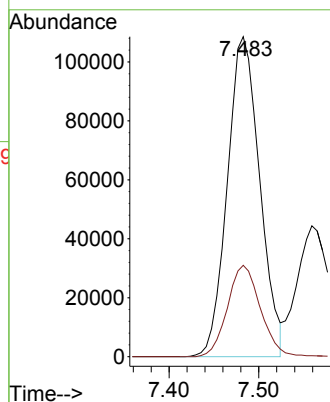
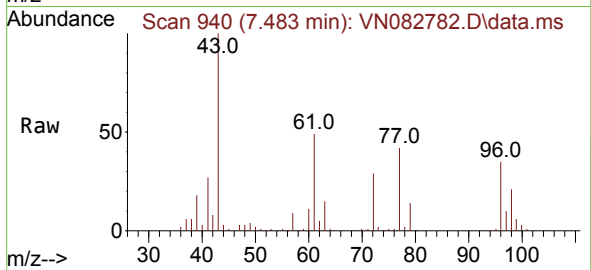




#25
2-Butanone
Concen: 213.452 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

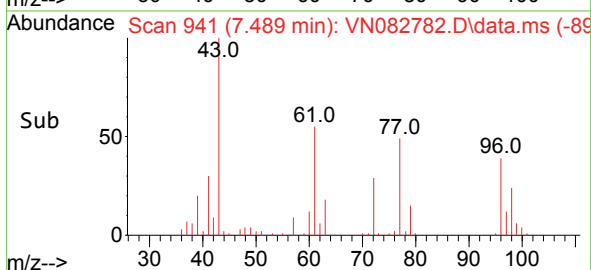
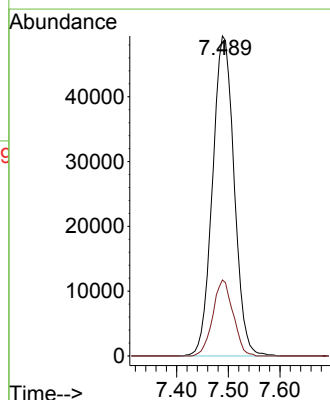
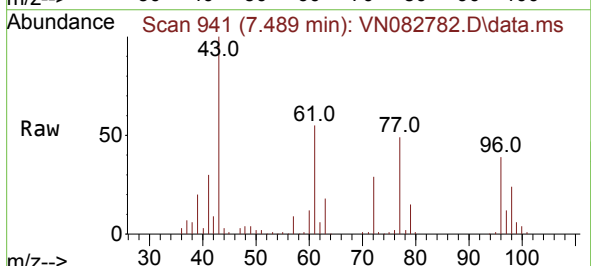
Instrument :
MSVOA_N
ClientSampleId :

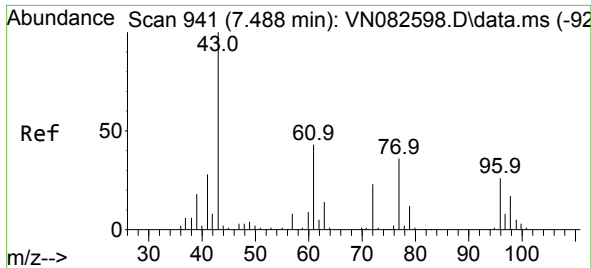
Tgt Ion: 43 Resp: 272498
Ion Ratio Lower Upper
43 100
72 28.6 18.2 27.2#



#26
2,2-Dichloropropane
Concen: 65.914 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 77 Resp: 143342
Ion Ratio Lower Upper
77 100
97 22.3 10.3 30.9

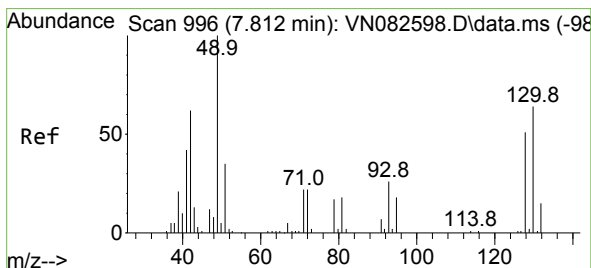
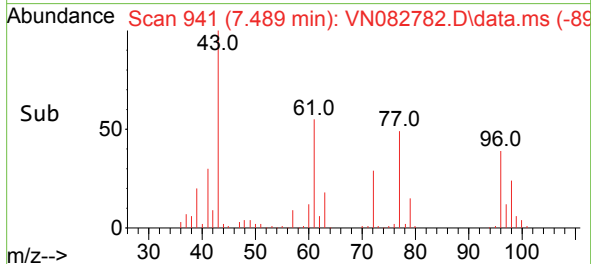
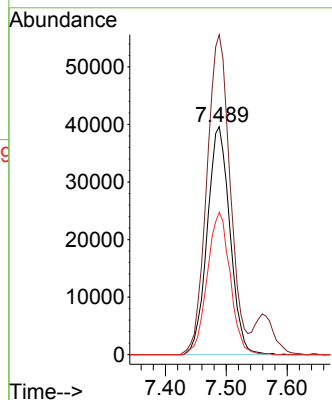
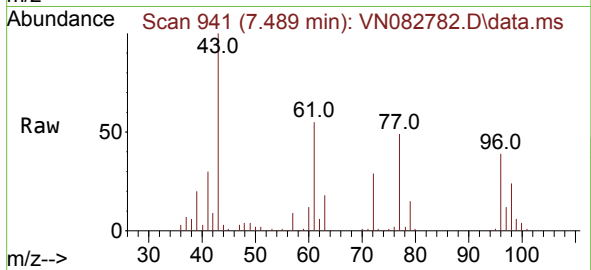




#27
 cis-1,2-Dichloroethene
 Concen: 50.631 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN082782.D
 Acq: 02 Jul 2024 10:26

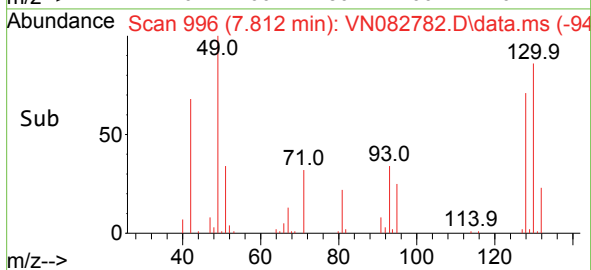
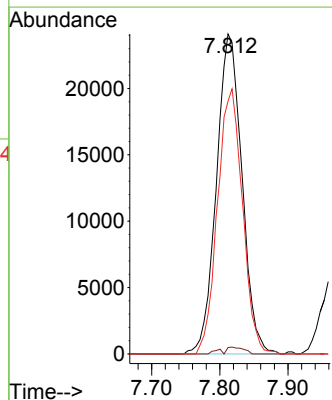
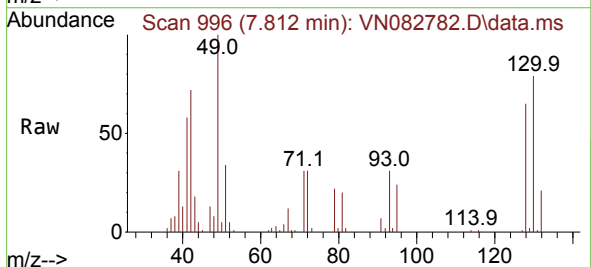
Instrument :
 MSVOA_N
 ClientSampleId :

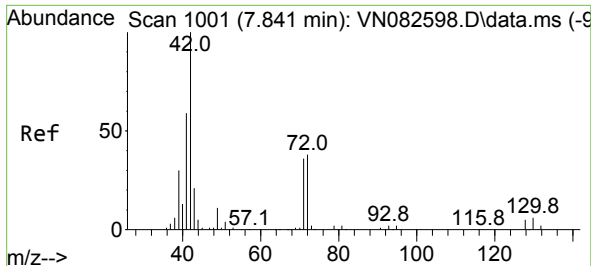
Tgt Ion: 96 Resp: 102676
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 329.6
 98 63.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 42.394 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082782.D
 Acq: 02 Jul 2024 10:26

Tgt Ion: 49 Resp: 62852
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 81.0 50.5 75.7#





#29

Tetrahydrofuran

Concen: 214.418 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.005 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

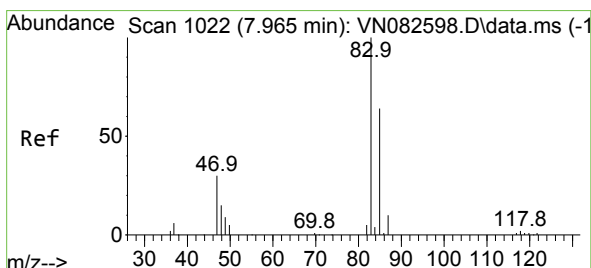
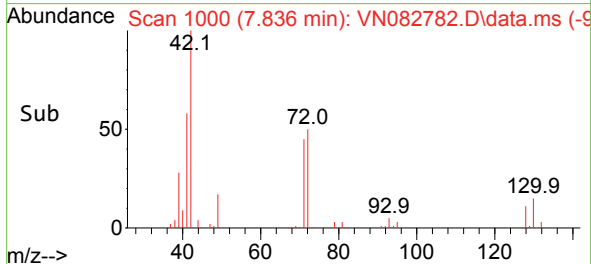
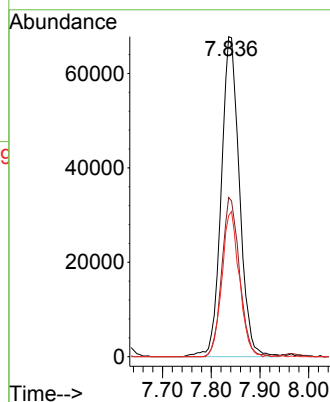
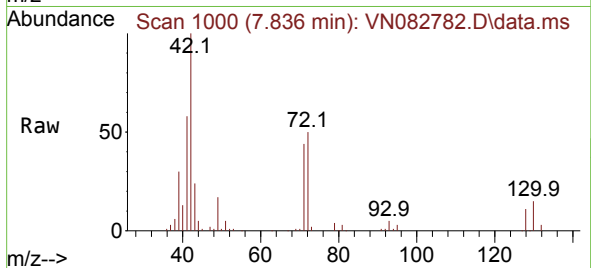
Tgt Ion: 42 Resp: 176510

Ion Ratio Lower Upper

42 100

72 48.3 30.0 45.0#

71 43.4 28.3 42.5#



#30

Chloroform

Concen: 46.279 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082782.D

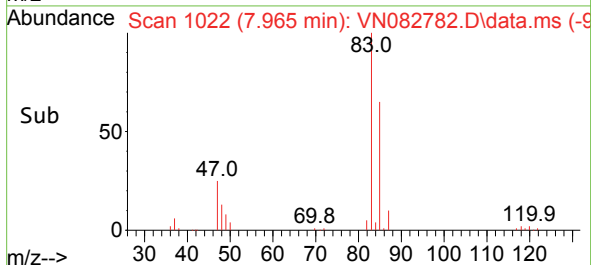
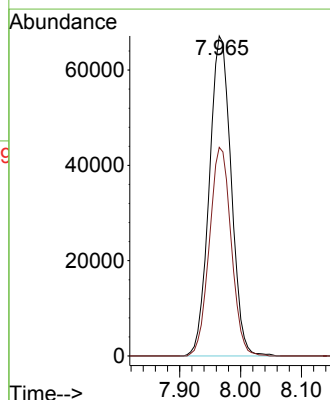
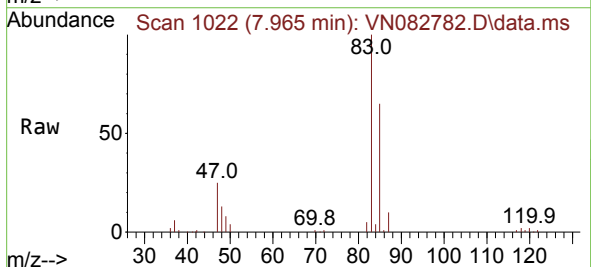
Acq: 02 Jul 2024 10:26

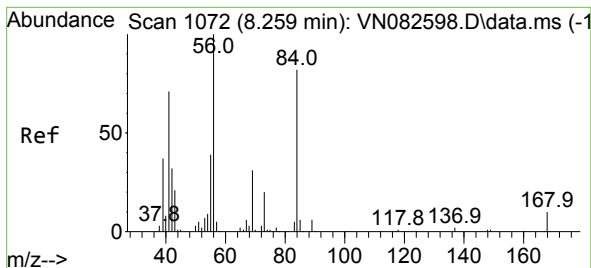
Tgt Ion: 83 Resp: 167240

Ion Ratio Lower Upper

83 100

85 65.2 50.9 76.3





#31

Cyclohexane

Concen: 39.016 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

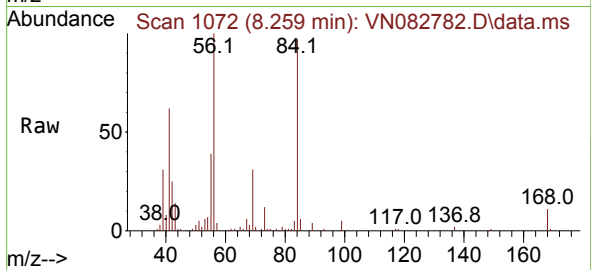
Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :



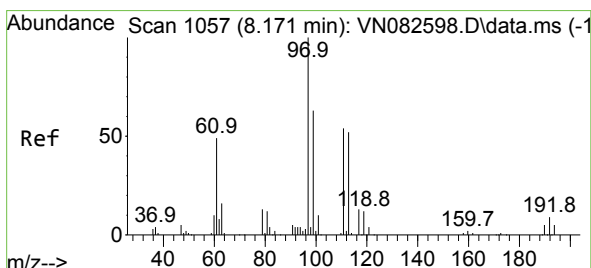
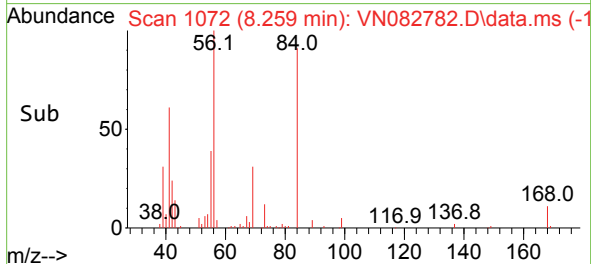
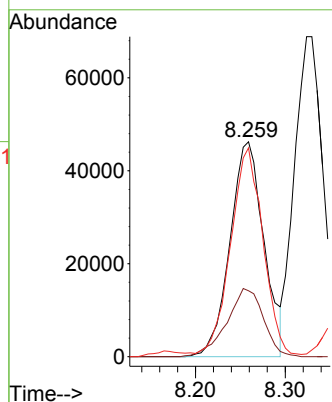
Tgt Ion: 56 Resp: 121242

Ion Ratio Lower Upper

56 100

69 30.7 24.5 36.7

84 95.4 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 46.278 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

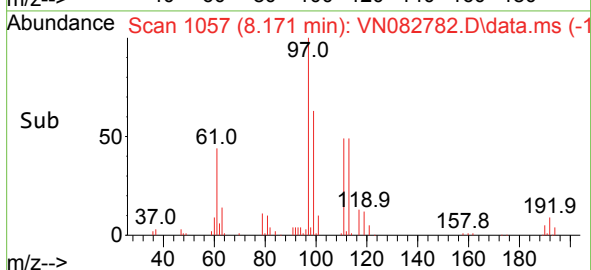
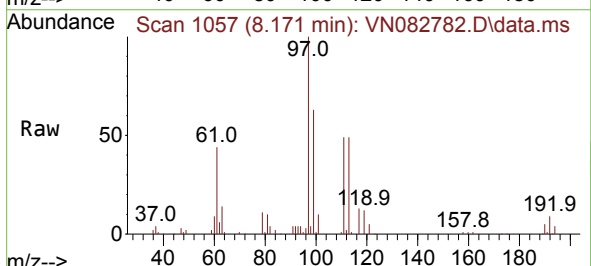
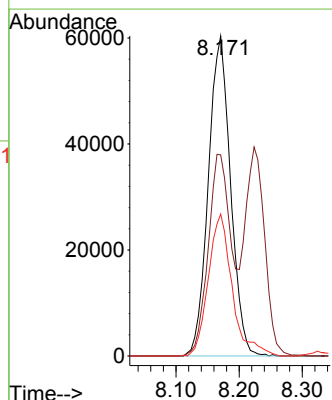
Tgt Ion: 97 Resp: 147654

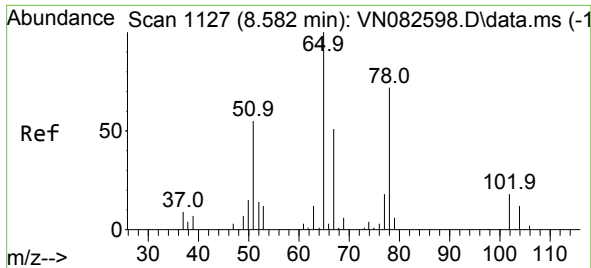
Ion Ratio Lower Upper

97 100

99 66.5 52.0 78.0

61 47.6 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 41.340 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

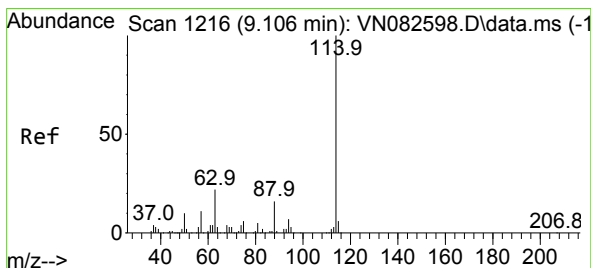
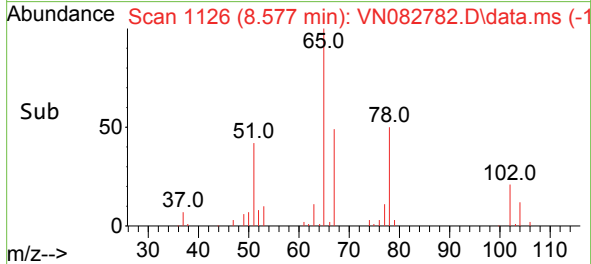
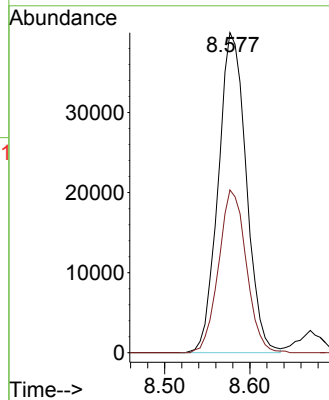
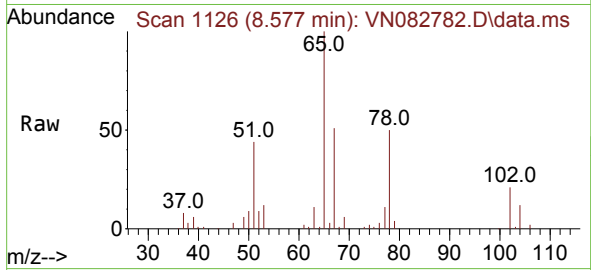
ClientSampleId :

Tgt Ion: 65 Resp: 91176

Ion Ratio Lower Upper

65 100

67 50.4 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: VN082782.D

Acq: 02 Jul 2024 10:26

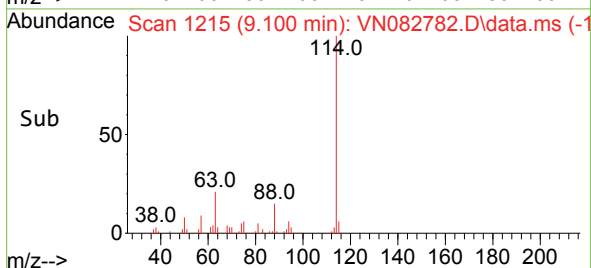
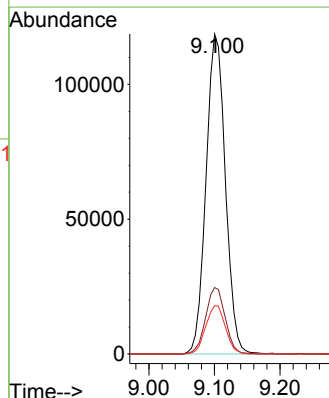
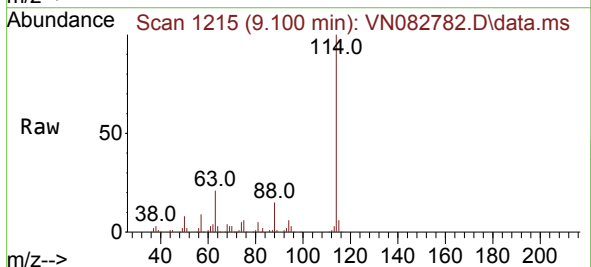
Tgt Ion: 114 Resp: 243471

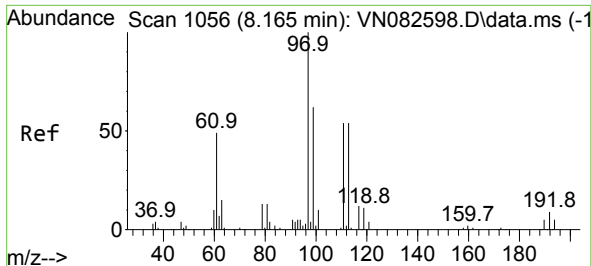
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.6

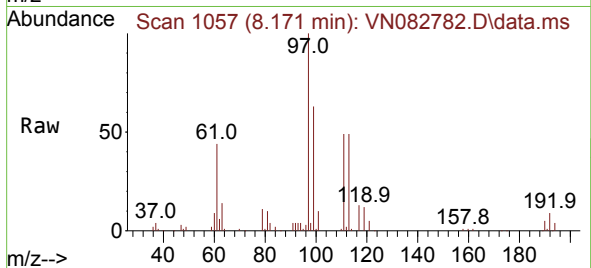
88 15.1 0.0 31.4



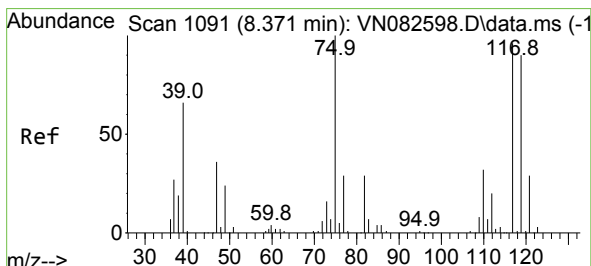
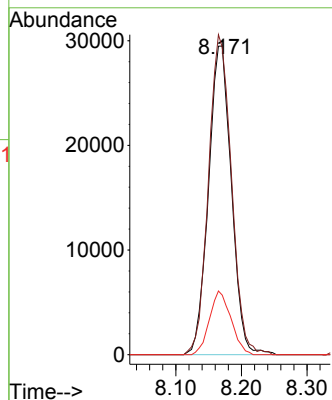
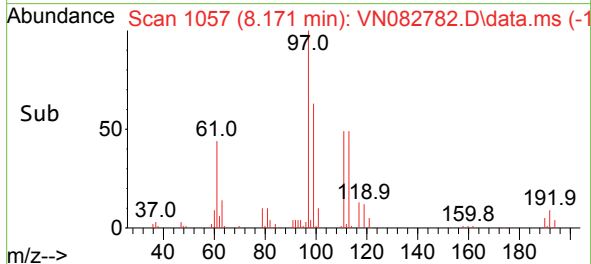


#35
Dibromofluoromethane
Concen: 44.569 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

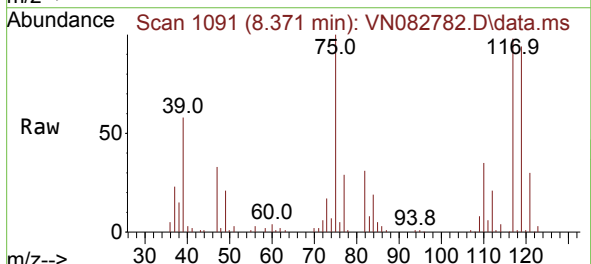
Instrument :
MSVOA_N
ClientSampleId :



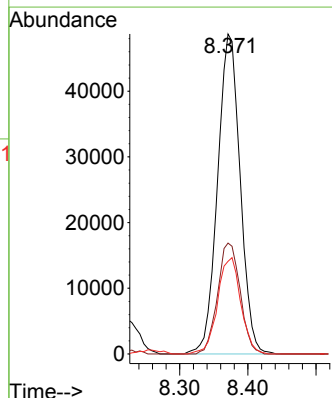
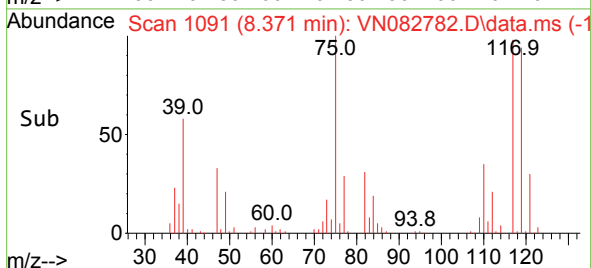
Tgt Ion:113 Resp: 71444
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 19.4 14.9 22.3

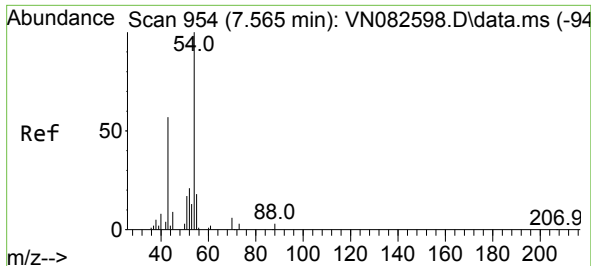


#36
1,1-Dichloropropene
Concen: 48.733 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26



Tgt Ion: 75 Resp: 112284
Ion Ratio Lower Upper
75 100
110 34.6 16.3 48.9
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 46.592 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

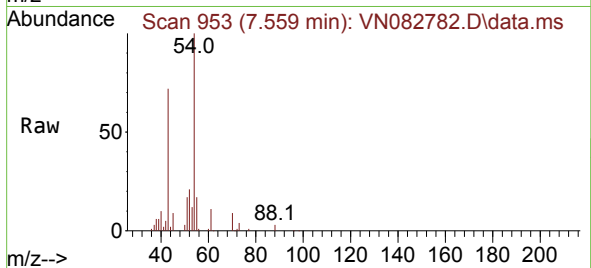
Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :



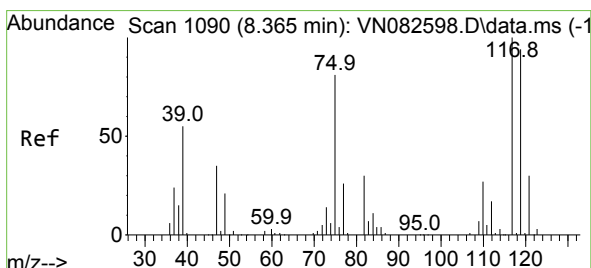
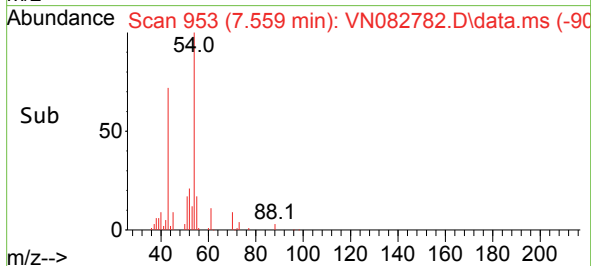
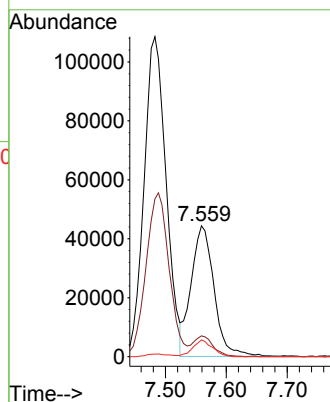
Tgt Ion: 43 Resp: 116026

Ion Ratio Lower Upper

43 100

61 14.0 9.3 13.9#

70 10.9 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 48.448 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

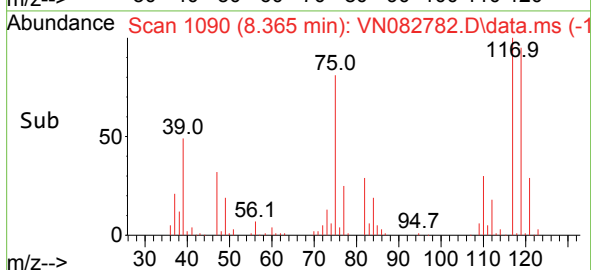
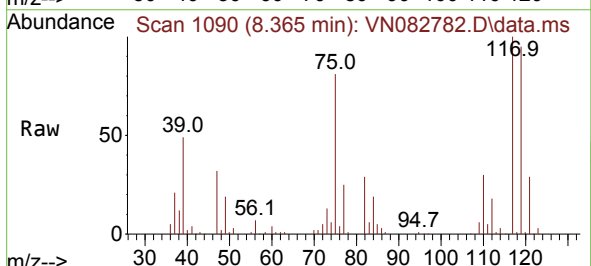
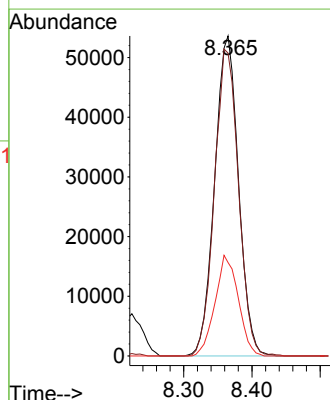
Tgt Ion: 117 Resp: 130557

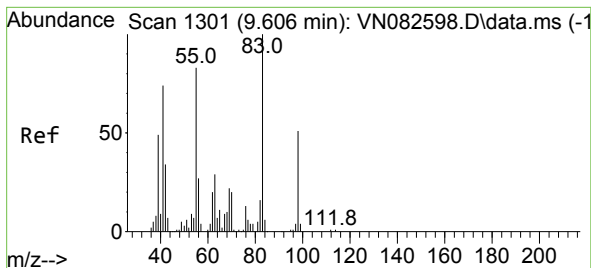
Ion Ratio Lower Upper

117 100

119 94.7 74.9 112.3

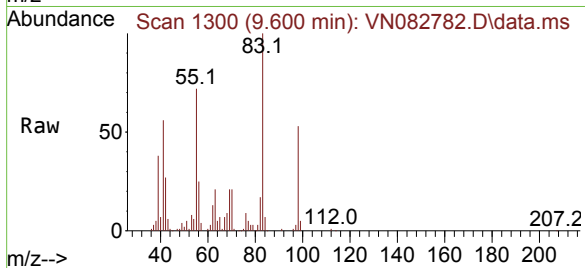
121 29.2 24.3 36.5



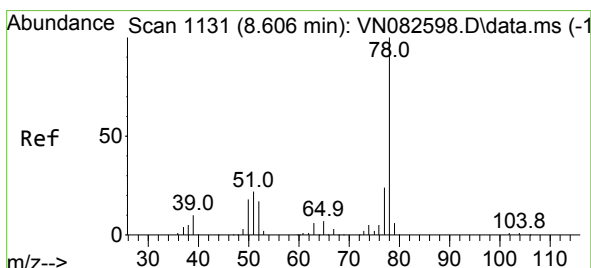
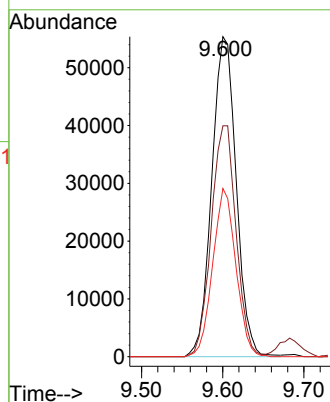
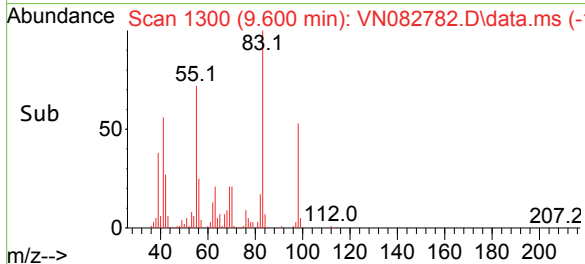


#39
Methylcyclohexane
Concen: 48.371 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

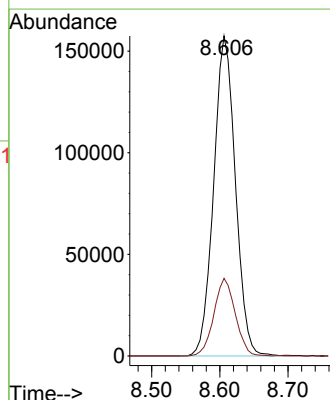
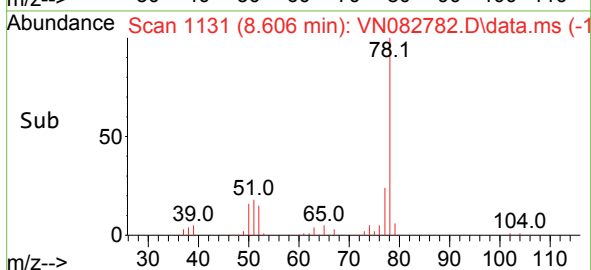
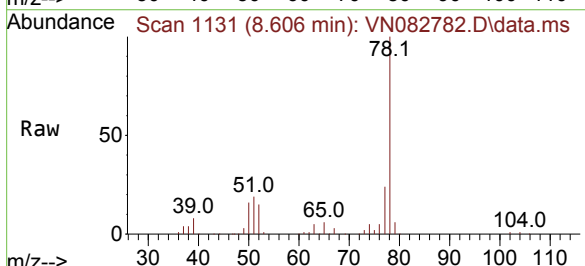


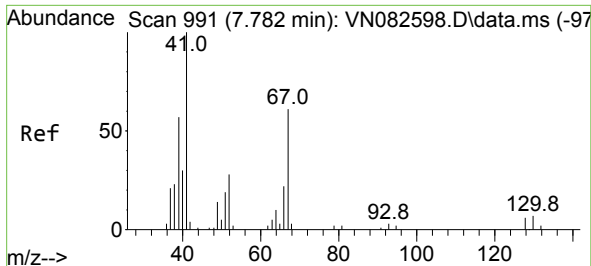
Tgt Ion: 83 Resp: 115713
Ion Ratio Lower Upper
83 100
55 72.2 66.4 99.6
98 52.6 40.7 61.1



#40
Benzene
Concen: 46.230 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

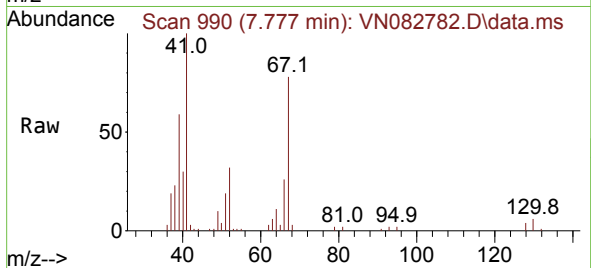
Tgt Ion: 78 Resp: 349431
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4



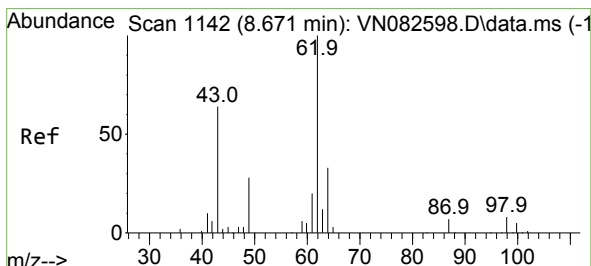
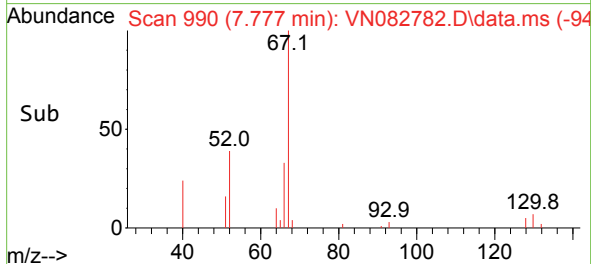
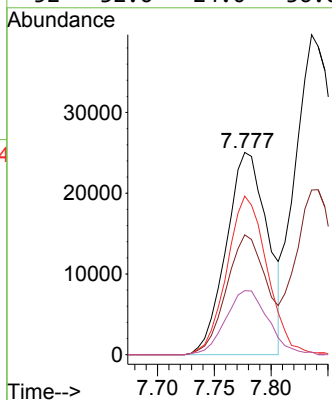


#41
Methacrylonitrile
Concen: 49.444 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

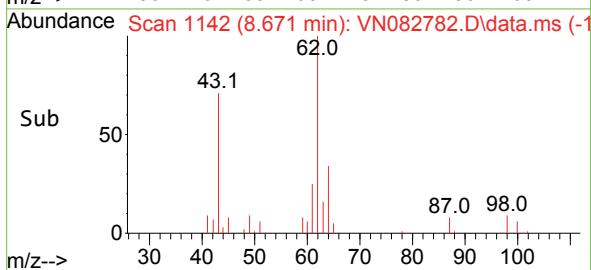
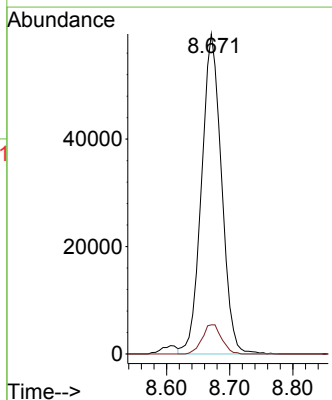
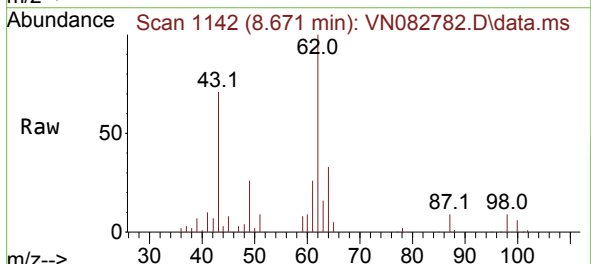


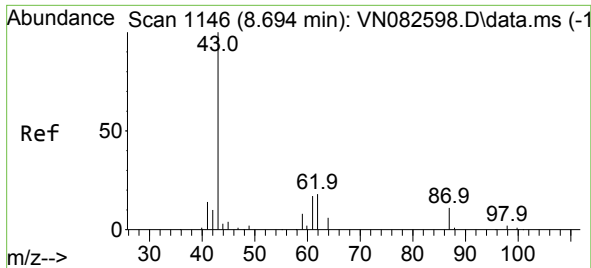
Tgt Ion: 41 Resp: 63488
Ion Ratio Lower Upper
41 100
39 57.9 45.5 68.3
67 76.5 50.5 75.7#
52 32.6 24.0 36.0



#42
1,2-Dichloroethane
Concen: 48.273 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 62 Resp: 131023
Ion Ratio Lower Upper
62 100
98 8.9 0.0 15.8

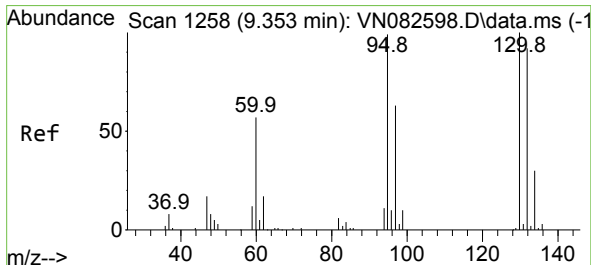
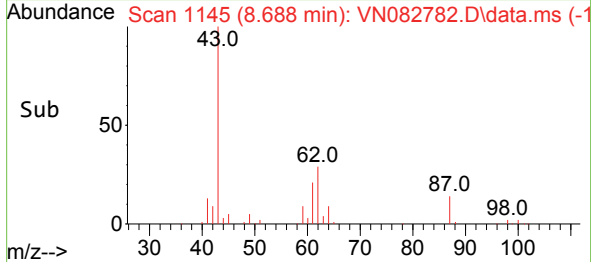
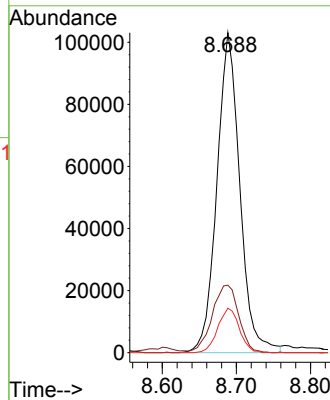
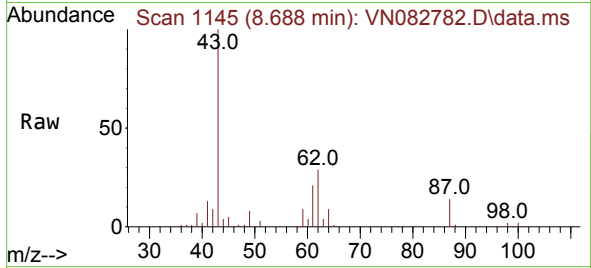




#43
Isopropyl Acetate
Concen: 50.910 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

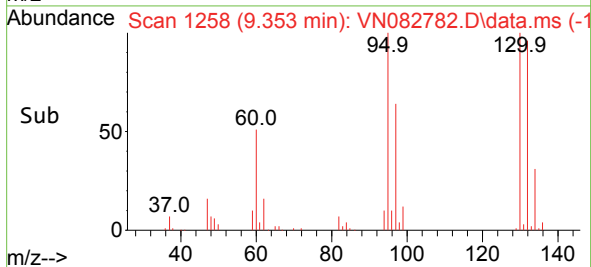
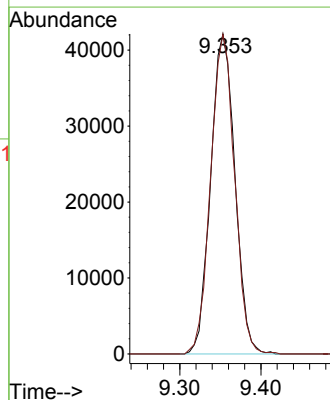
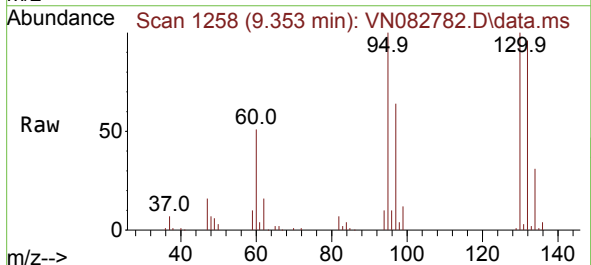
Instrument :
MSVOA_N
ClientSampleId :

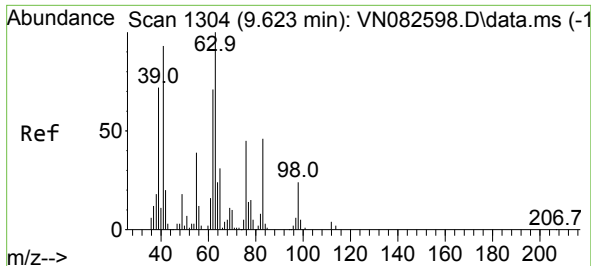
Tgt Ion: 43 Resp: 221578
Ion Ratio Lower Upper
43 100
61 24.3 17.8 26.6
87 13.0 8.2 12.2#



#44
Trichloroethene
Concen: 49.819 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

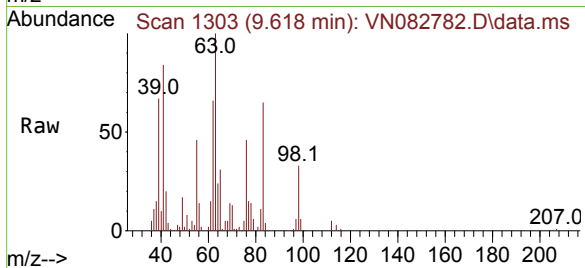
Tgt Ion:130 Resp: 87428
Ion Ratio Lower Upper
130 100
95 99.8 0.0 197.8



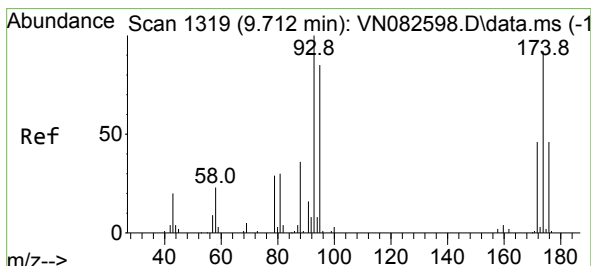
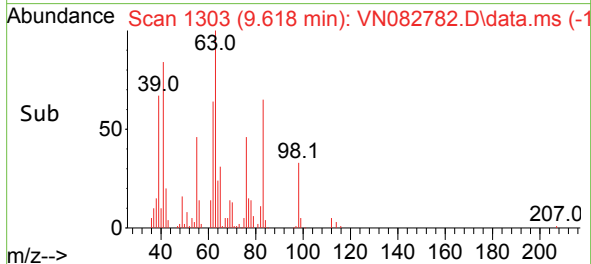
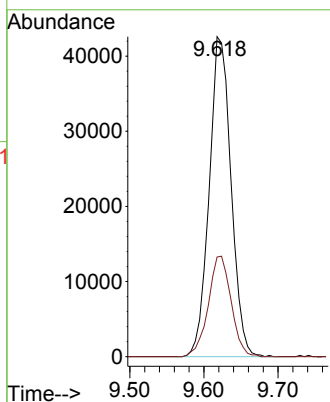


#45
1,2-Dichloropropane
Concen: 47.559 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

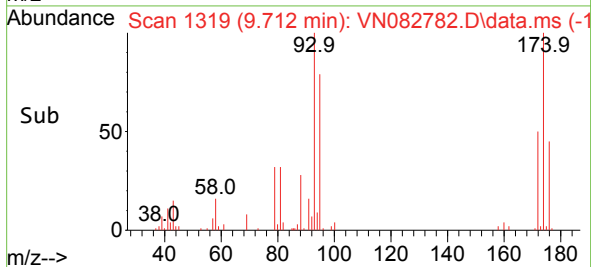
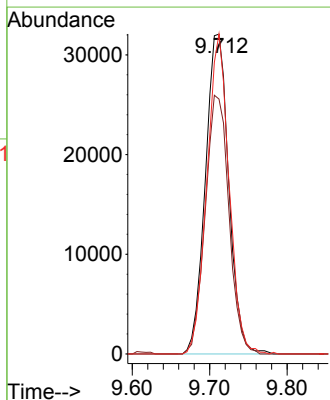
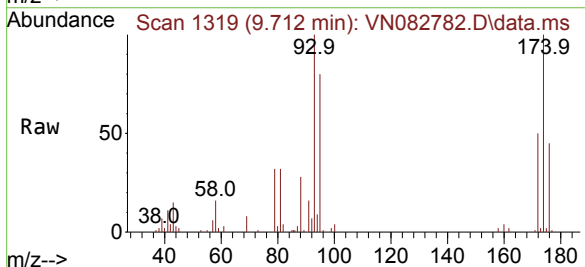


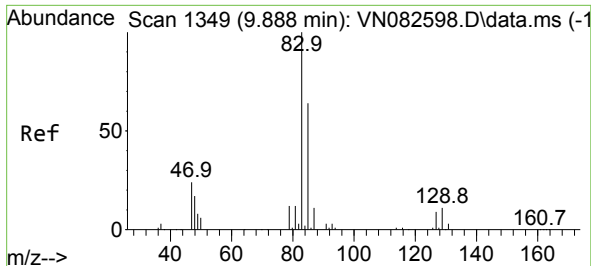
Tgt Ion: 63 Resp: 87122
Ion Ratio Lower Upper
63 100
65 31.1 24.4 36.6



#46
Dibromomethane
Concen: 50.453 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 93 Resp: 67509
Ion Ratio Lower Upper
93 100
95 81.7 65.8 98.6
174 94.4 71.7 107.5

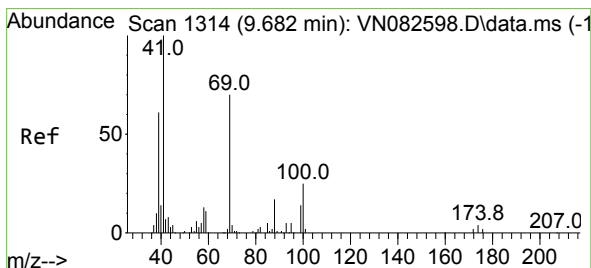
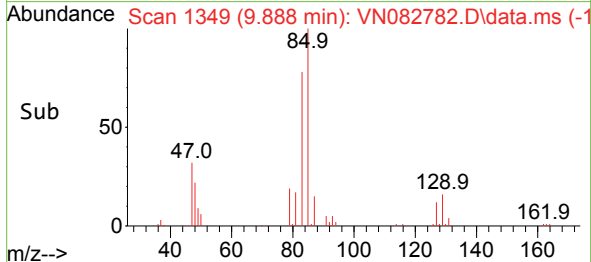
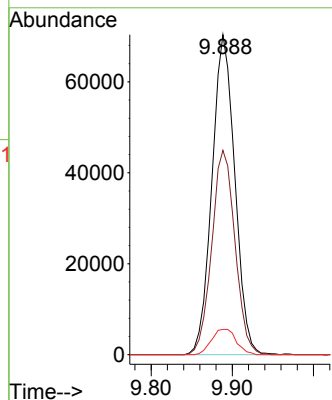
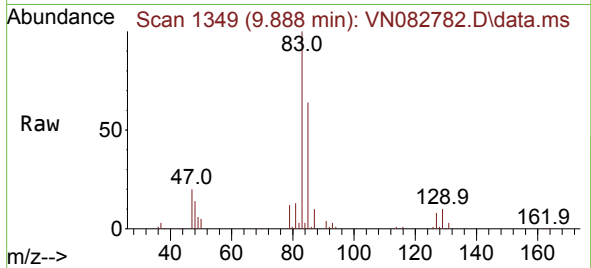




#47
Bromodichloromethane
Concen: 50.448 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

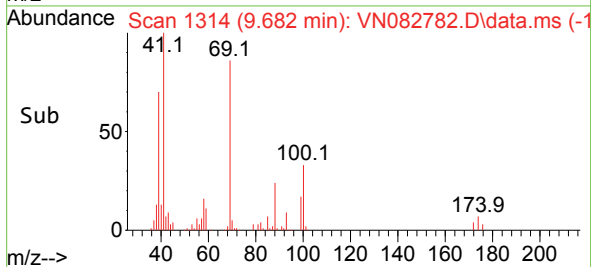
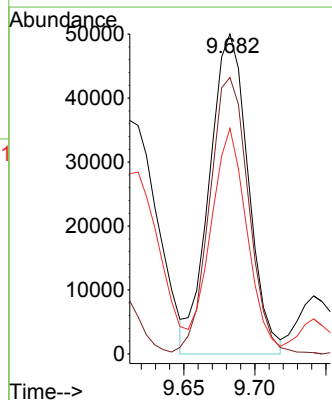
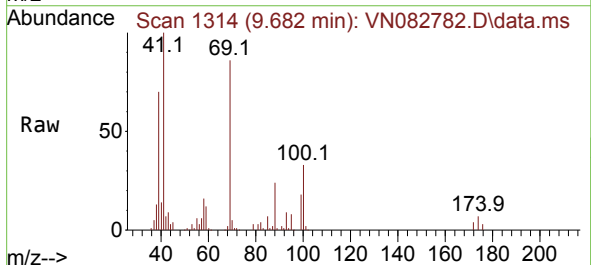
Instrument :
MSVOA_N
ClientSampleId :

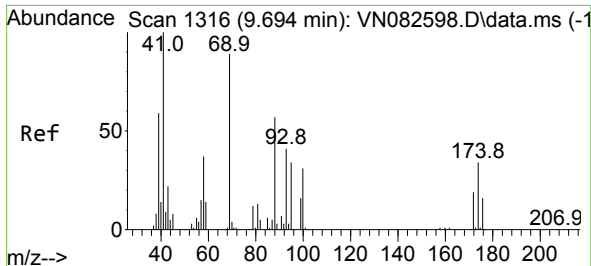
Tgt Ion: 83 Resp: 137548
Ion Ratio Lower Upper
83 100
85 63.8 51.1 76.7
127 7.9 7.2 10.8



#48
Methyl methacrylate
Concen: 49.787 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 41 Resp: 95414
Ion Ratio Lower Upper
41 100
69 86.7 56.3 84.5#
39 65.6 50.3 75.5





#49

1,4-Dioxane

Concen: 976.768 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

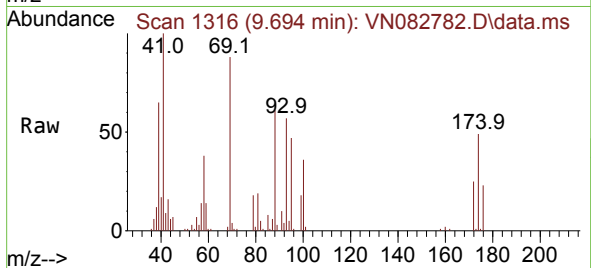
Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :



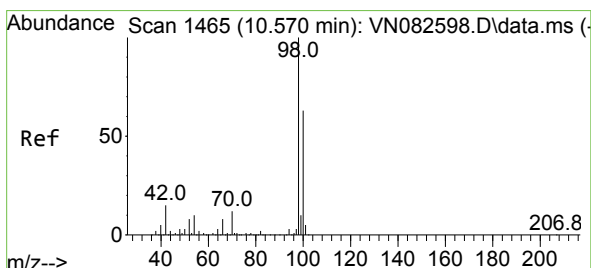
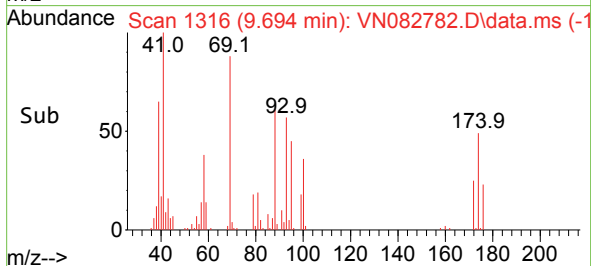
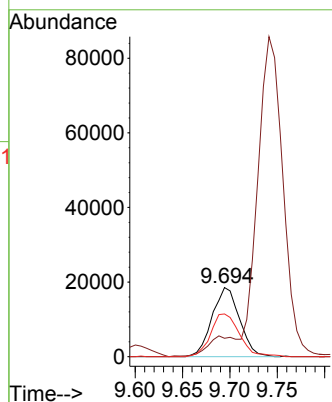
Tgt Ion: 88 Resp: 37358

Ion Ratio Lower Upper

88 100

43 29.0 27.8 41.8

58 65.1 59.4 89.0



#50

Toluene-d8

Concen: 42.127 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN082782.D

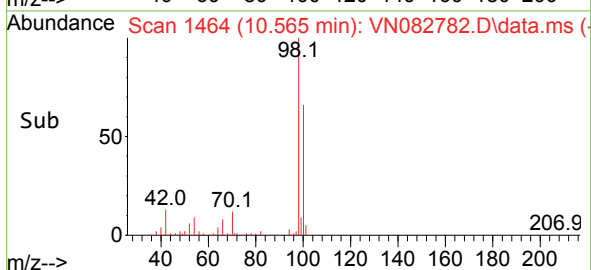
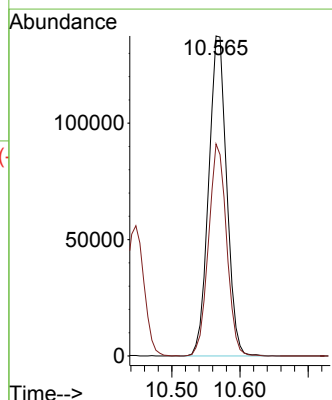
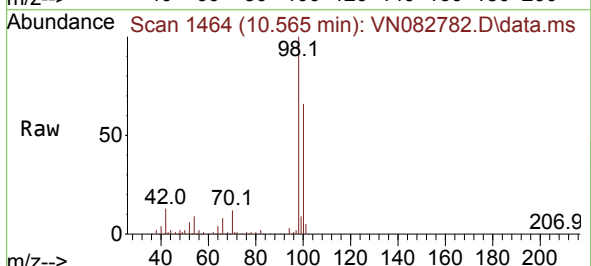
Acq: 02 Jul 2024 10:26

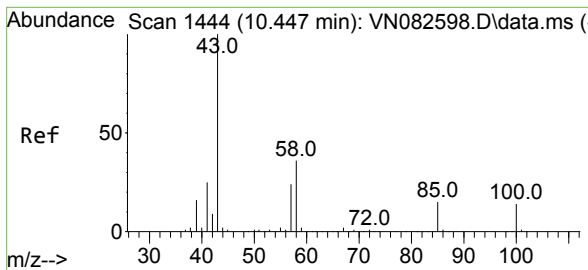
Tgt Ion: 98 Resp: 252545

Ion Ratio Lower Upper

98 100

100 66.4 51.5 77.3

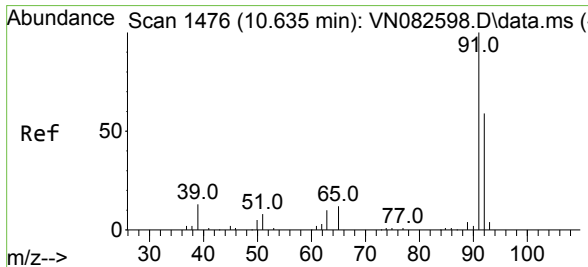
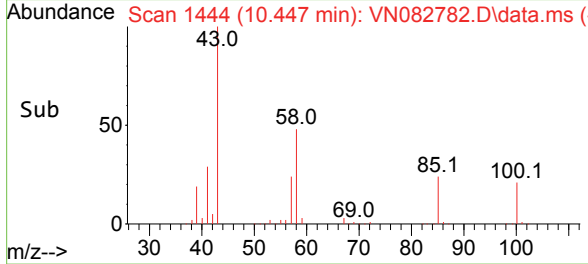
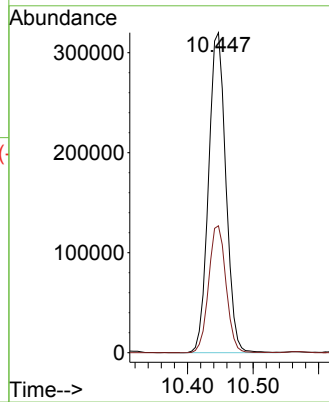
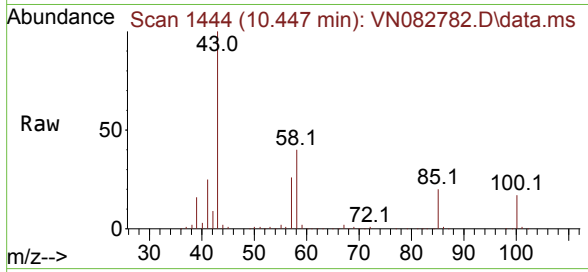




#51
4-Methyl-2-Pentanone
Concen: 230.430 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

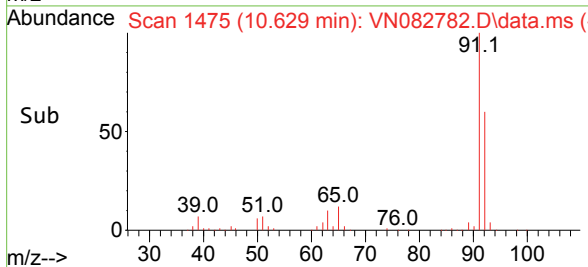
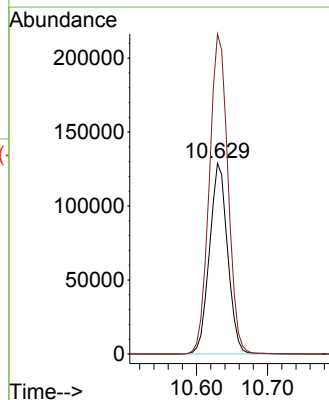
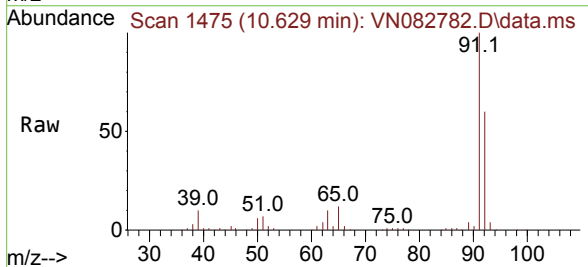
Instrument :
MSVOA_N
ClientSampleId :

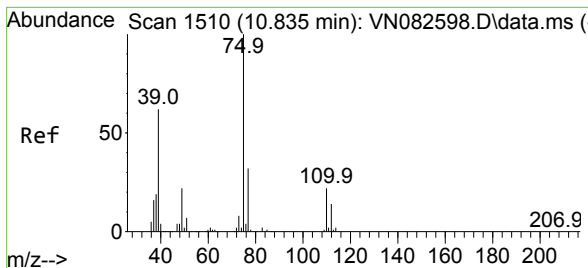
Tgt Ion: 43 Resp: 586922
Ion Ratio Lower Upper
43 100
58 39.9 28.2 42.4



#52
Toluene
Concen: 51.403 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 92 Resp: 228148
Ion Ratio Lower Upper
92 100
91 172.8 139.4 209.0

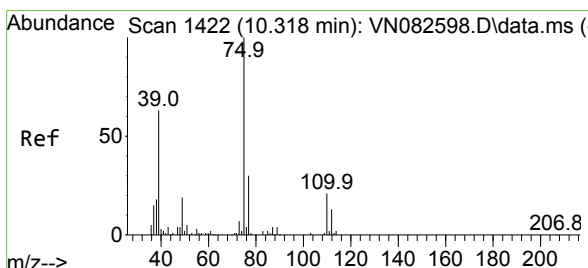
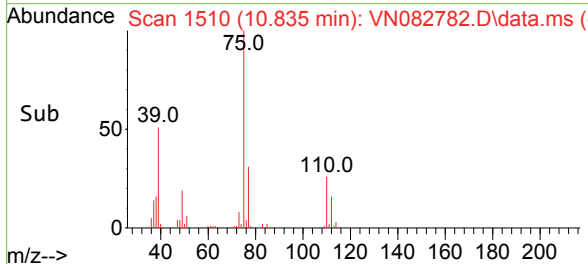
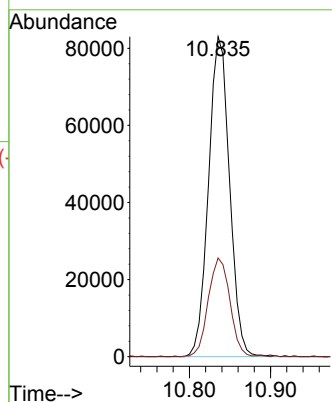
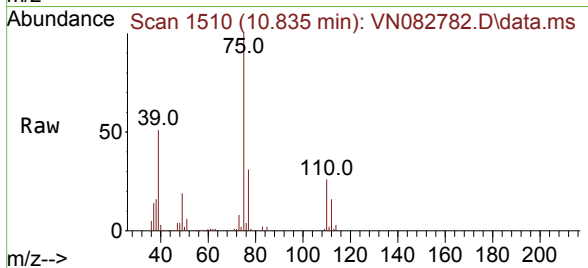




#53
 t-1,3-Dichloropropene
 Concen: 57.846 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN082782.D
 Acq: 02 Jul 2024 10:26

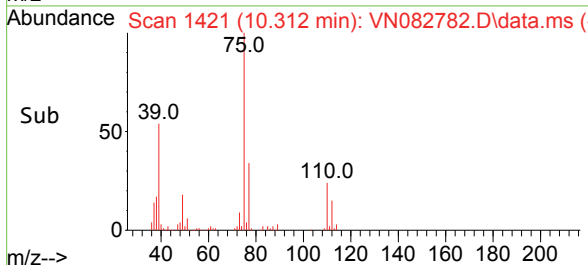
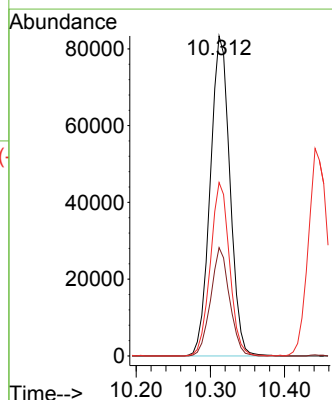
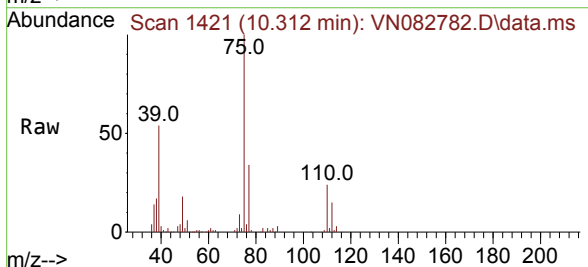
Instrument :
 MSVOA_N
 ClientSampleId :

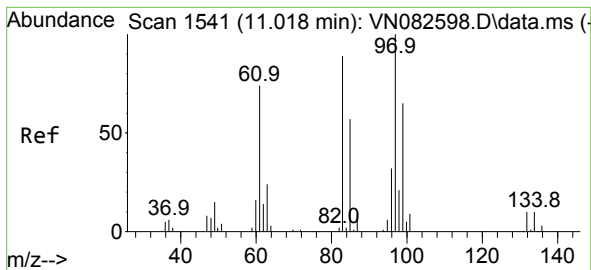
Tgt Ion: 75 Resp: 149170
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 56.733 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN082782.D
 Acq: 02 Jul 2024 10:26

Tgt Ion: 75 Resp: 153813
 Ion Ratio Lower Upper
 75 100
 77 33.9 24.3 36.5
 39 54.2 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 52.210 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

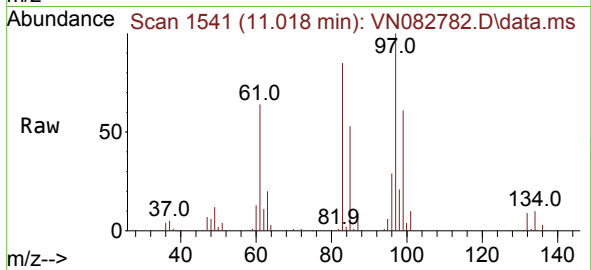
Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 89855

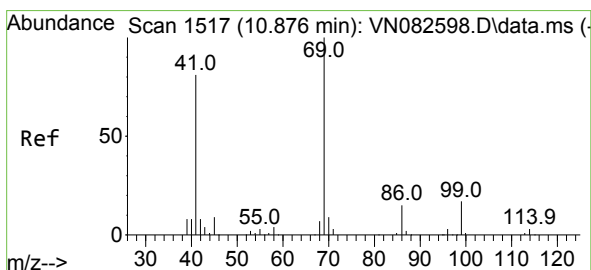
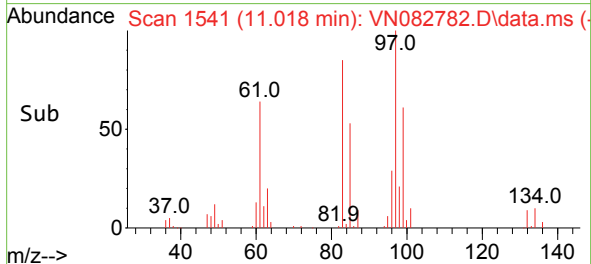
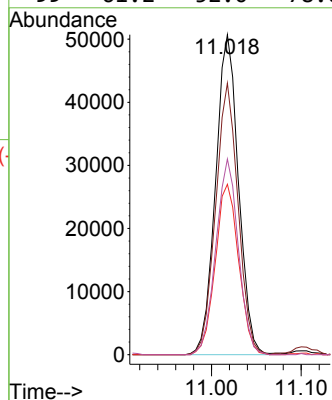
Ion Ratio Lower Upper

97 100

83 84.8 71.4 107.0

85 53.2 45.8 68.6

99 61.2 52.0 78.0



#56

Ethyl methacrylate

Concen: 57.597 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.001 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

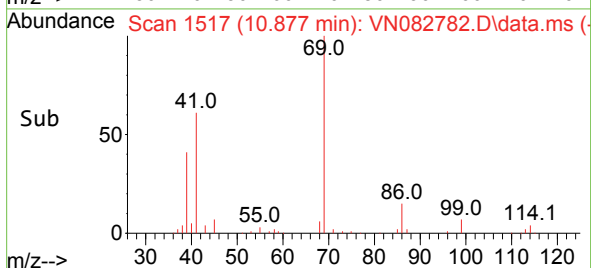
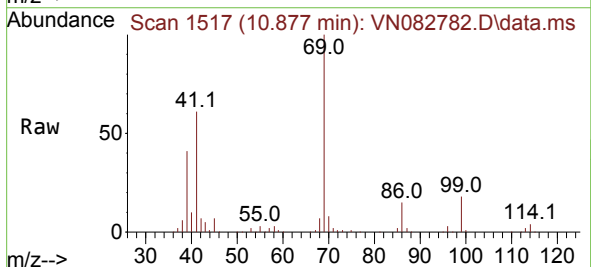
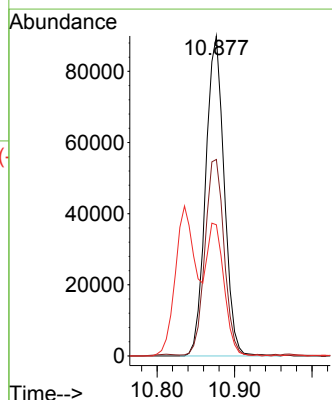
Tgt Ion: 69 Resp: 149087

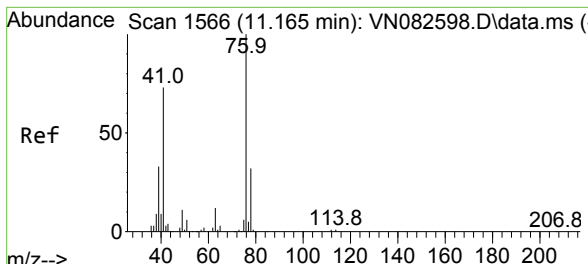
Ion Ratio Lower Upper

69 100

41 63.0 63.4 95.2#

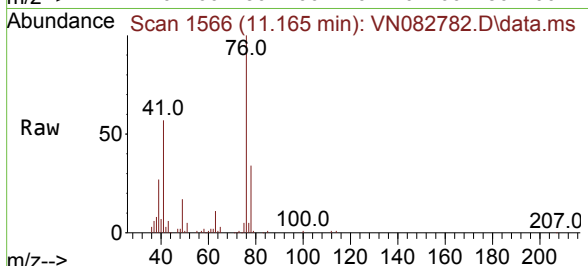
39 38.2 37.4 56.0



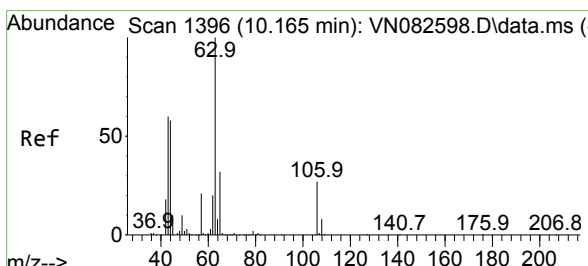
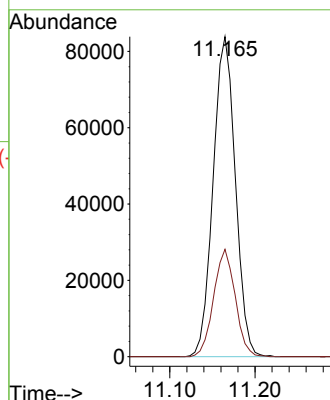
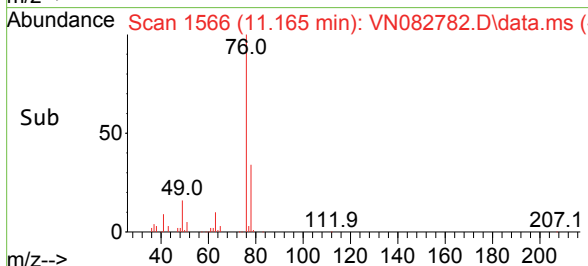


#57
1,3-Dichloropropane
Concen: 50.276 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

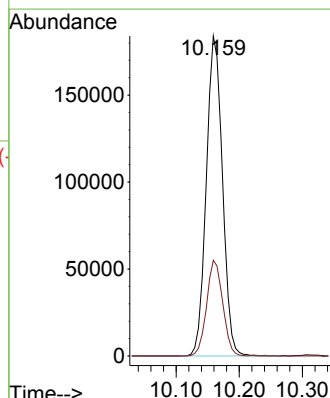
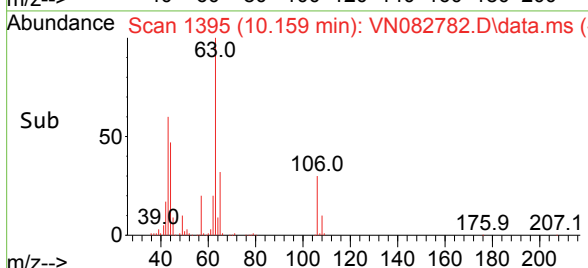
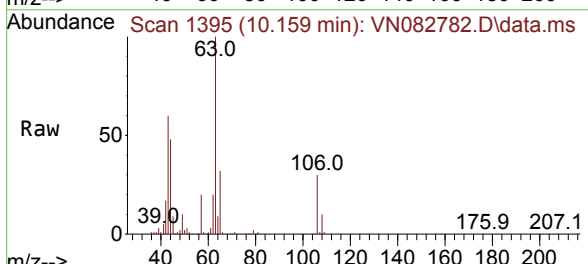


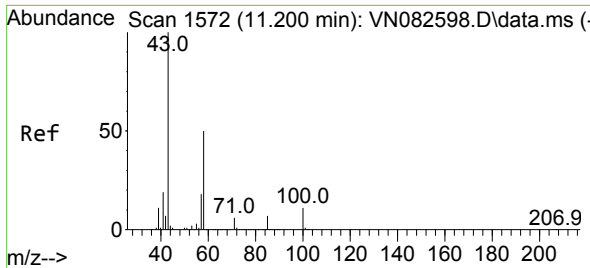
Tgt Ion: 76 Resp: 152088
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 251.016 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

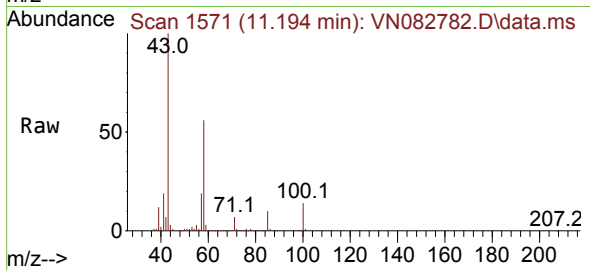
Tgt Ion: 63 Resp: 327336
Ion Ratio Lower Upper
63 100
106 29.7 21.4 32.0



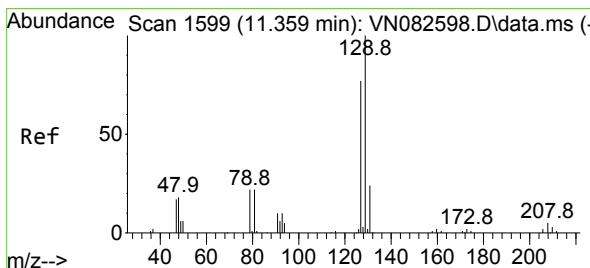
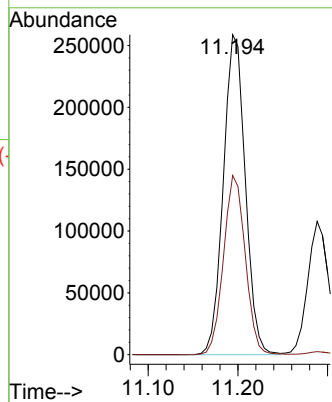
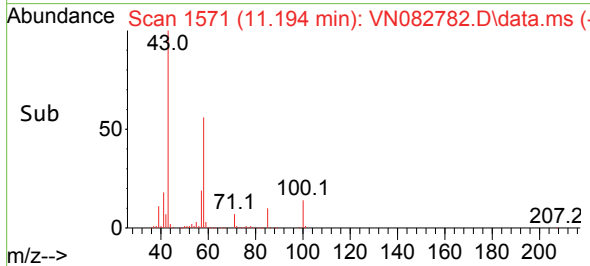


#59
2-Hexanone
Concen: 232.834 ug/l
RT: 11.194 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

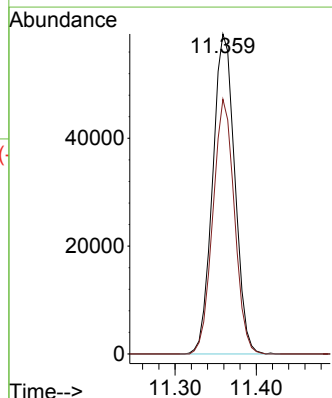
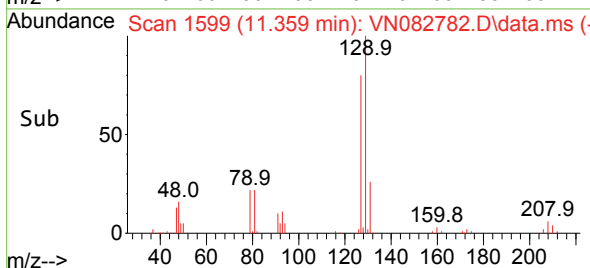
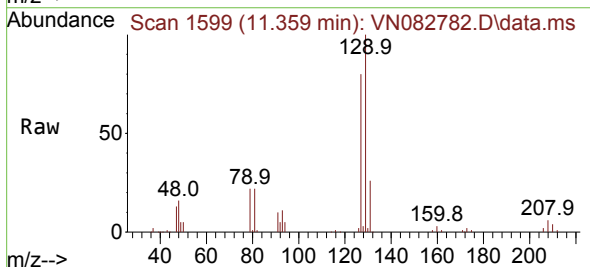


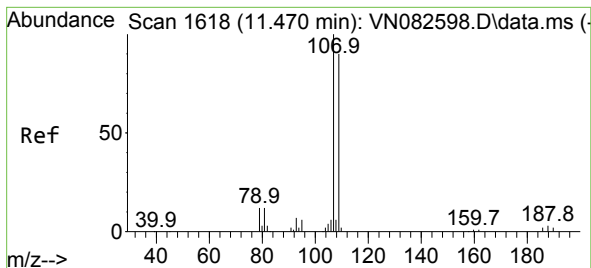
Tgt Ion: 43 Resp: 439732
Ion Ratio Lower Upper
43 100
58 55.5 24.6 73.8



#60
Dibromochloromethane
Concen: 53.894 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion:129 Resp: 112491
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 51.491 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

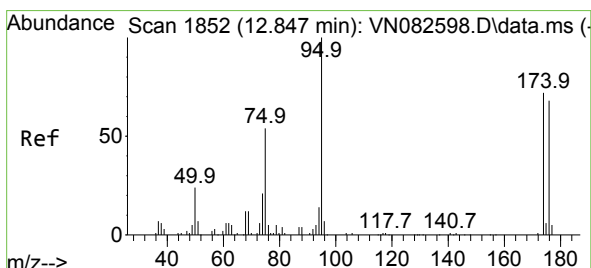
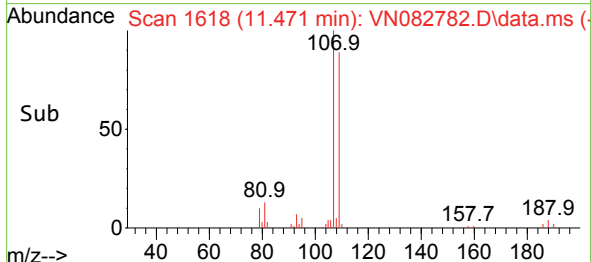
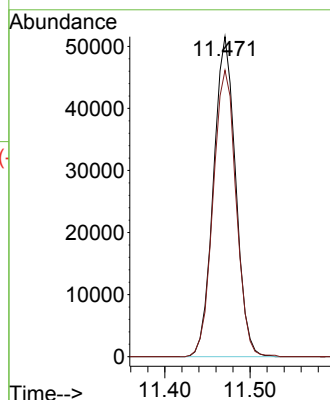
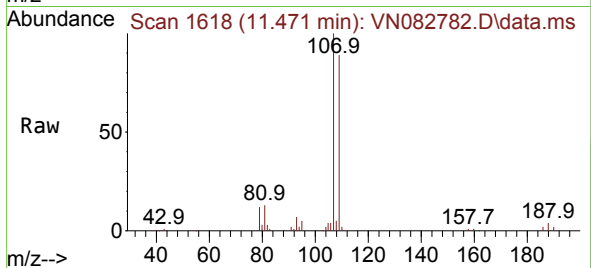
ClientSampleId :

Tgt Ion:107 Resp: 93108

Ion Ratio Lower Upper

107 100

109 92.9 73.7 110.5



#62

4-Bromofluorobenzene

Concen: 47.669 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

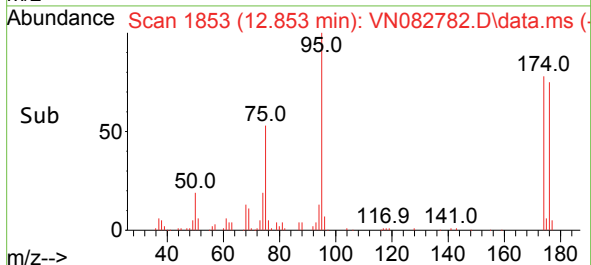
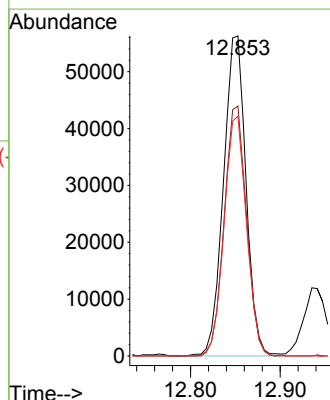
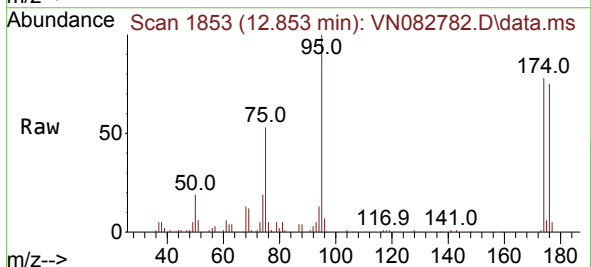
Tgt Ion: 95 Resp: 98139

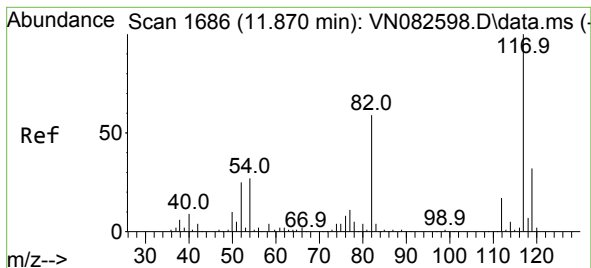
Ion Ratio Lower Upper

95 100

174 77.4 0.0 159.2

176 74.4 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: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

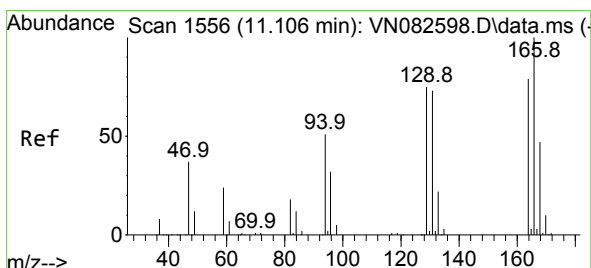
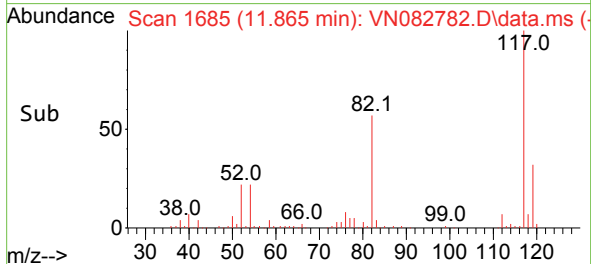
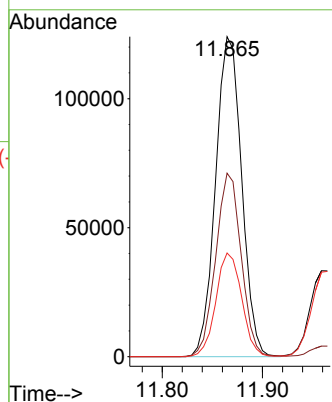
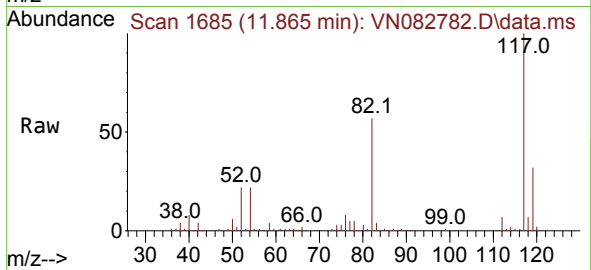
Tgt Ion:117 Resp: 224219

Ion Ratio Lower Upper

117 100

82 57.3 47.5 71.3

119 32.4 25.6 38.4



#64

Tetrachloroethene

Concen: 49.463 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Tgt Ion:164 Resp: 83080

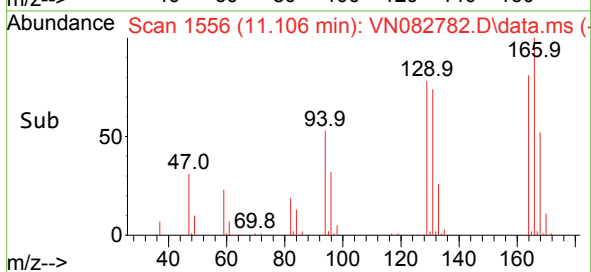
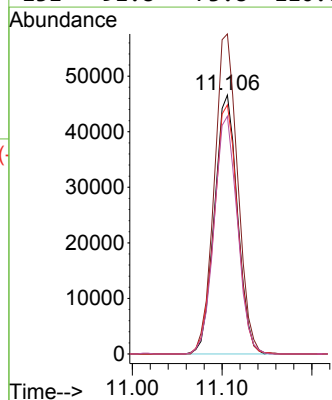
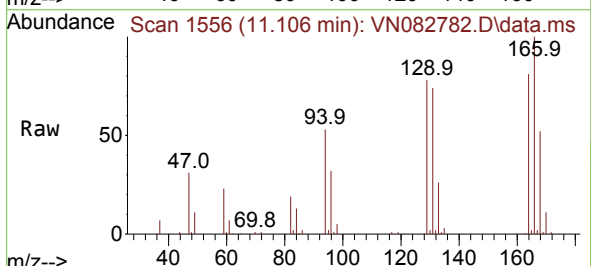
Ion Ratio Lower Upper

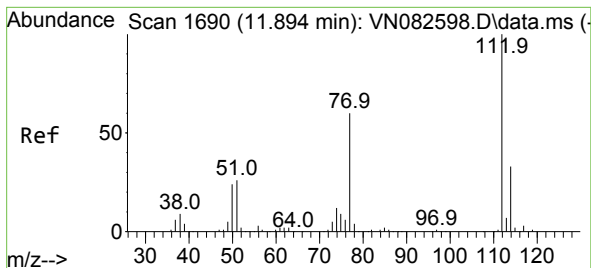
164 100

166 123.6 101.4 152.0

129 96.3 75.7 113.5

131 91.8 73.8 110.6





#65

Chlorobenzene

Concen: 50.993 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

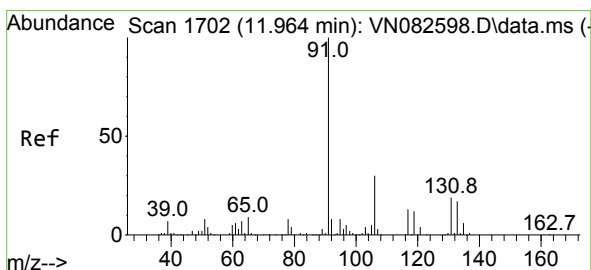
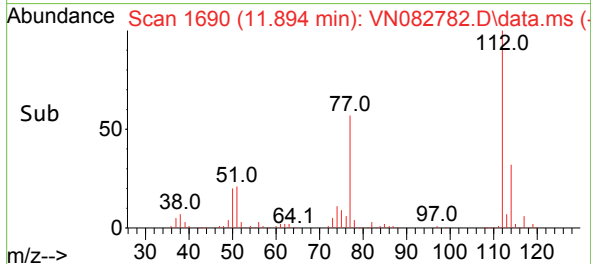
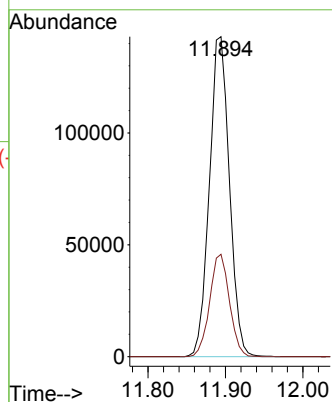
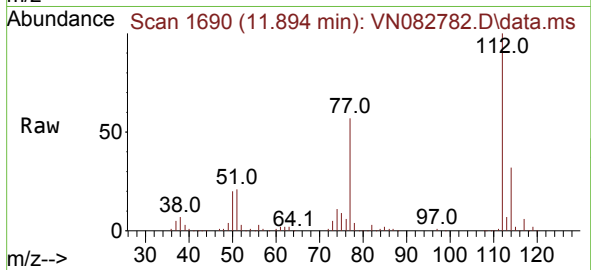
ClientSampleId :

Tgt Ion:112 Resp: 256485

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 53.607 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.005 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

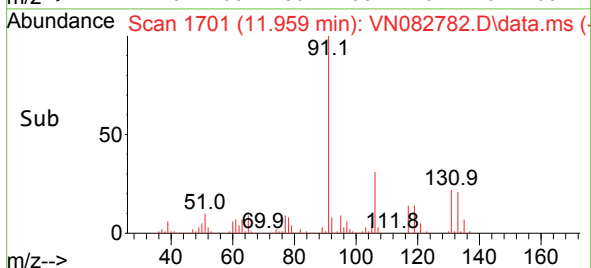
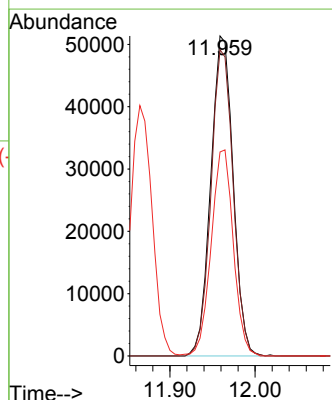
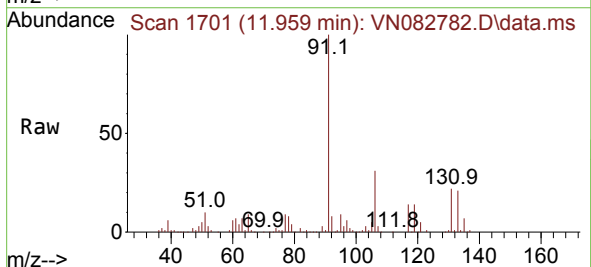
Tgt Ion:131 Resp: 93701

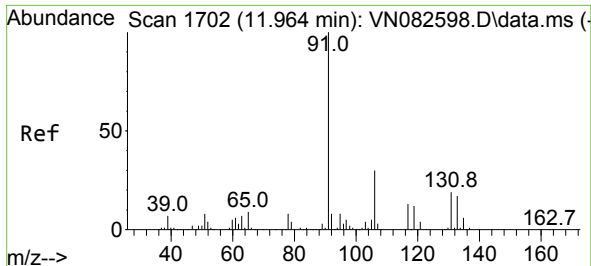
Ion Ratio Lower Upper

131 100

133 94.8 47.3 142.0

119 63.8 32.5 97.4

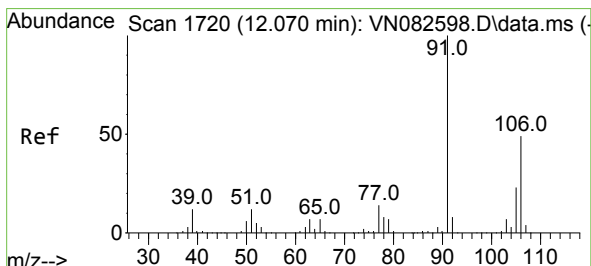
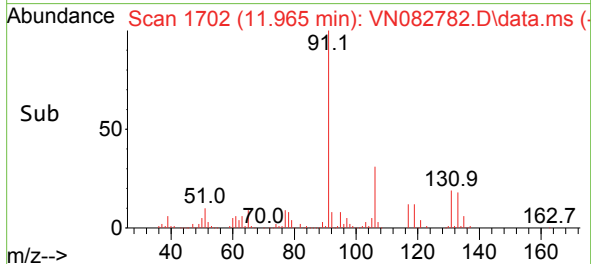
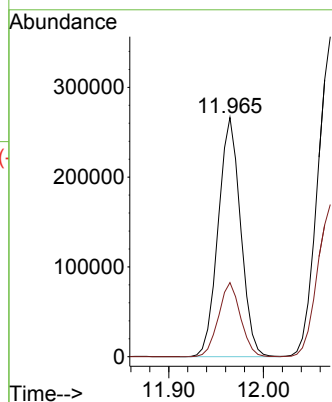
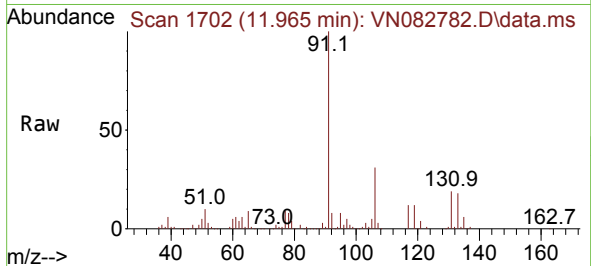




#67
Ethyl Benzene
Concen: 52.804 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

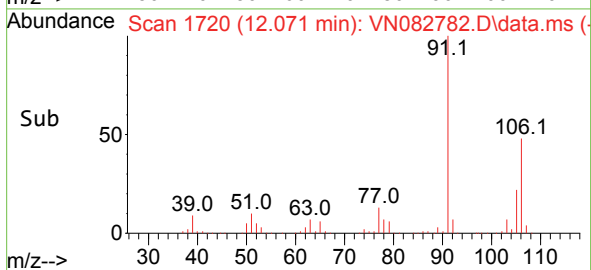
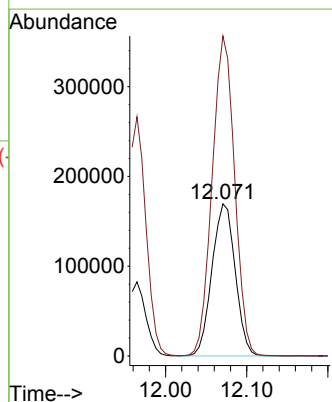
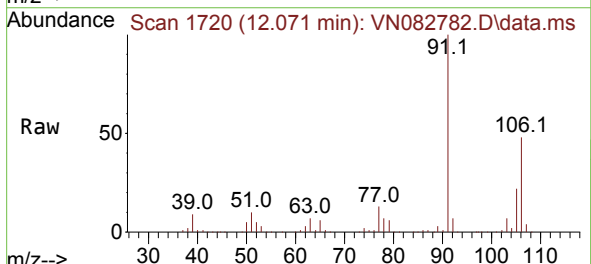
Instrument :
MSVOA_N
ClientSampleId :

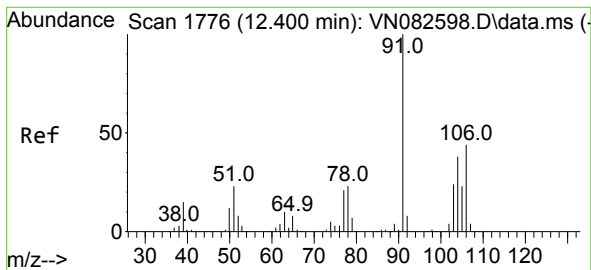
Tgt Ion: 91 Resp: 438315
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0



#68
m/p-Xylenes
Concen: 109.223 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion:106 Resp: 337339
Ion Ratio Lower Upper
106 100
91 203.5 166.1 249.1

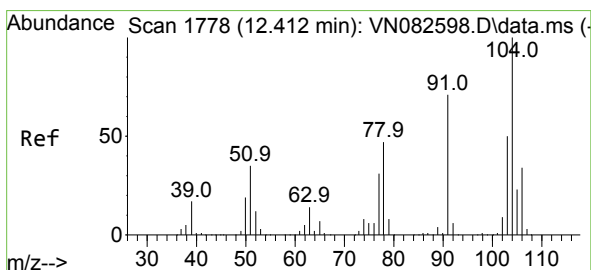
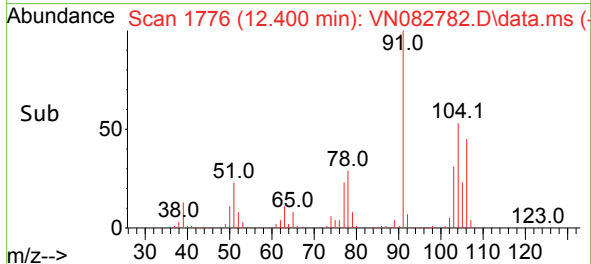
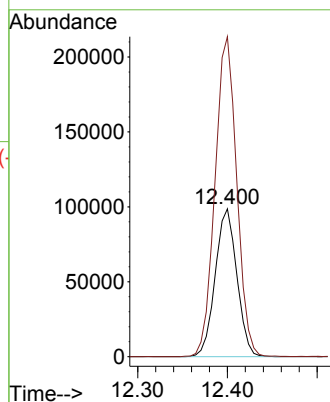
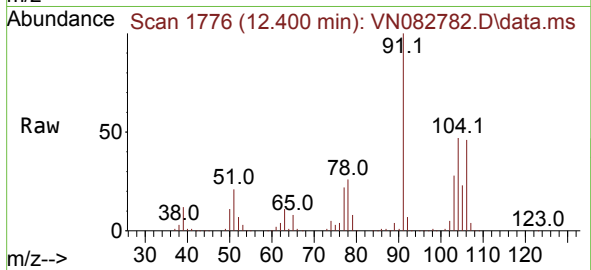




#69
o-Xylene
Concen: 55.490 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

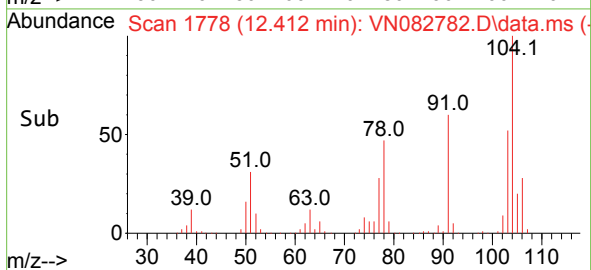
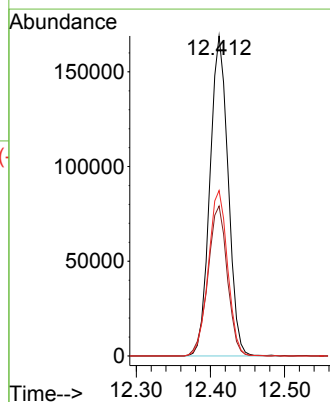
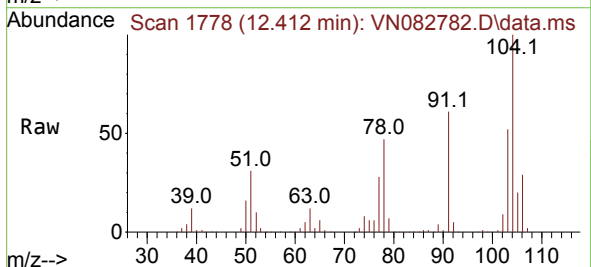
Instrument :
MSVOA_N
ClientSampleId :

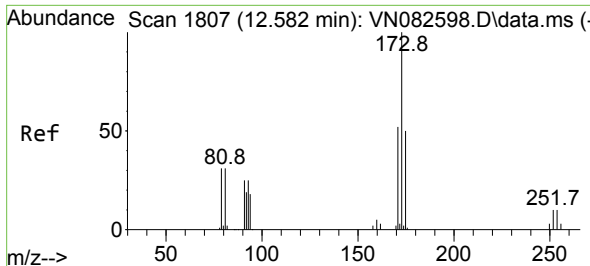
Tgt Ion:106 Resp: 165166
Ion Ratio Lower Upper
106 100
91 217.4 111.3 333.9



#70
Styrene
Concen: 57.063 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion:104 Resp: 288355
Ion Ratio Lower Upper
104 100
78 50.0 41.6 62.4
103 54.7 44.0 66.0

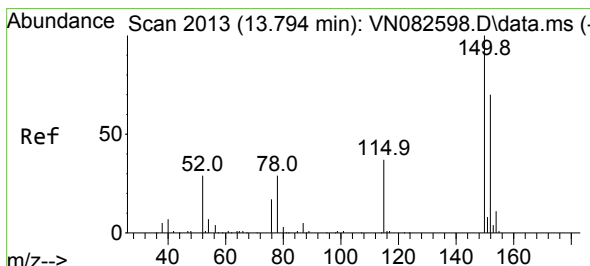
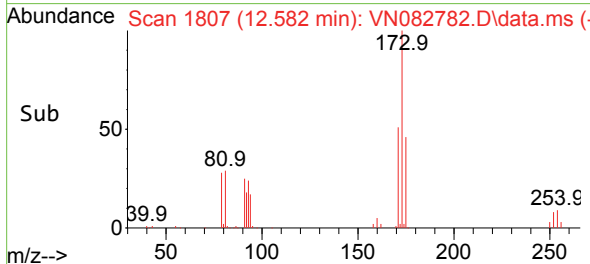
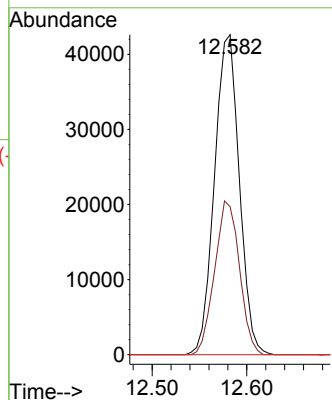
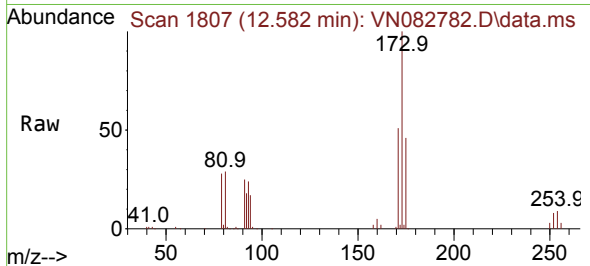




#71
Bromoform
Concen: 56.755 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

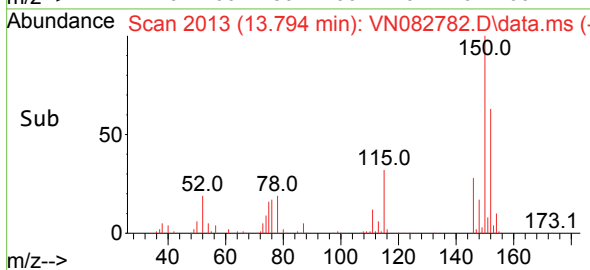
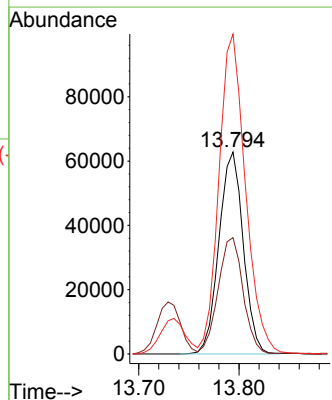
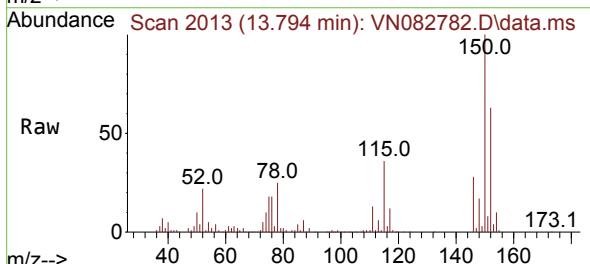
Instrument :
MSVOA_N
ClientSampleId :

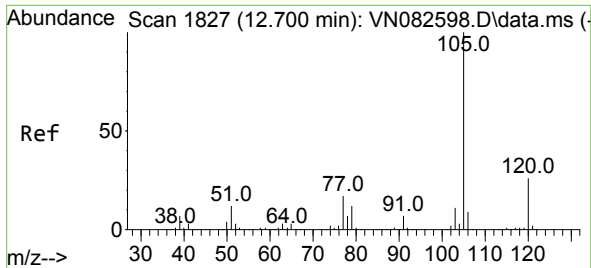
Tgt Ion:173 Resp: 77582
Ion Ratio Lower Upper
173 100
175 48.1 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion:152 Resp: 105784
Ion Ratio Lower Upper
152 100
115 58.6 30.6 91.6
150 172.8 0.0 348.6

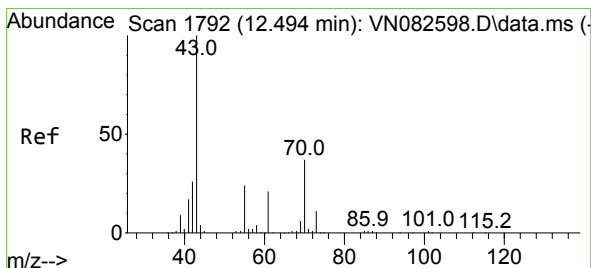
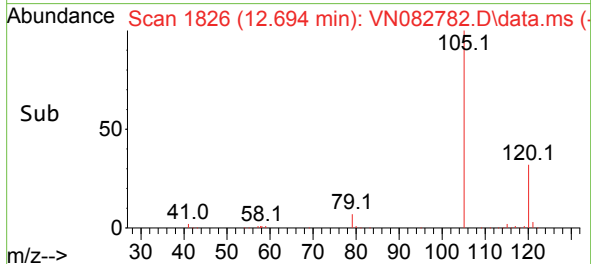
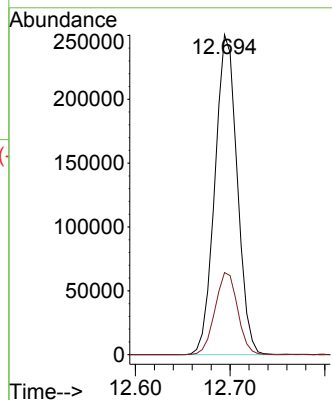
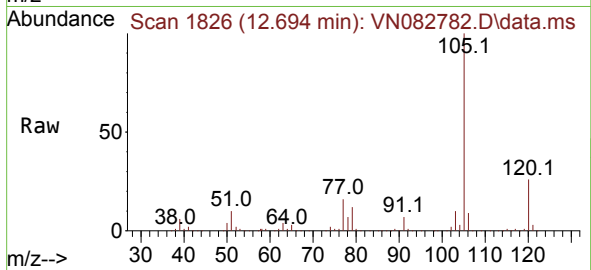




#73
Isopropylbenzene
Concen: 53.190 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

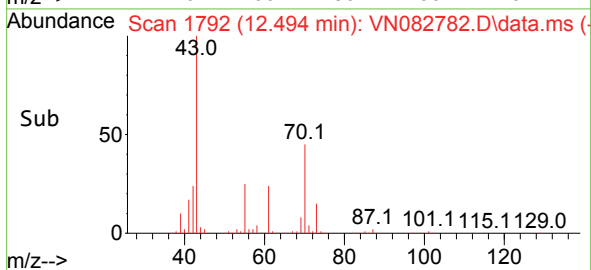
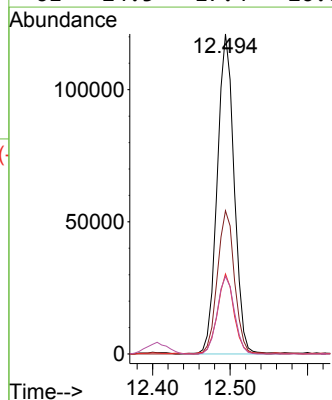
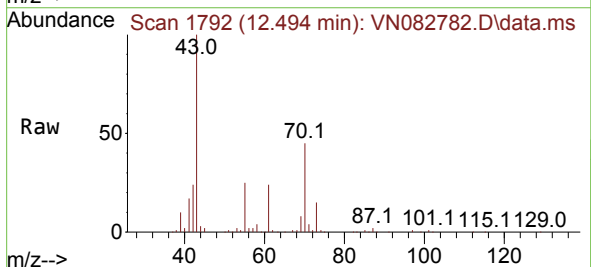
Instrument :
MSVOA_N
ClientSampleId :

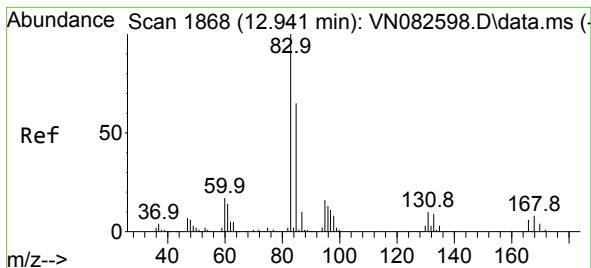
Tgt Ion:105 Resp: 410359
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 53.336 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 43 Resp: 183659
Ion Ratio Lower Upper
43 100
70 45.1 29.8 44.6#
55 24.6 18.7 28.1
61 24.5 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.535 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

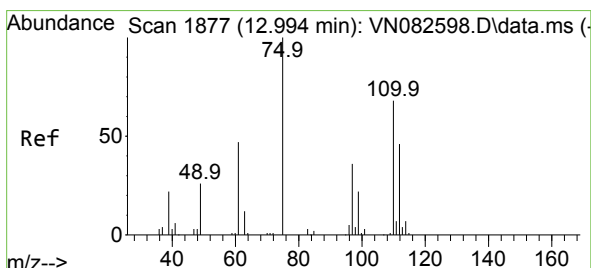
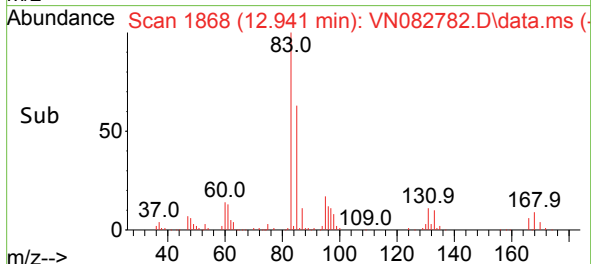
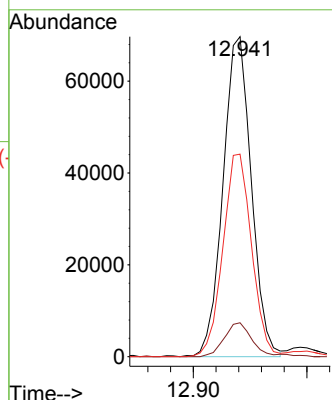
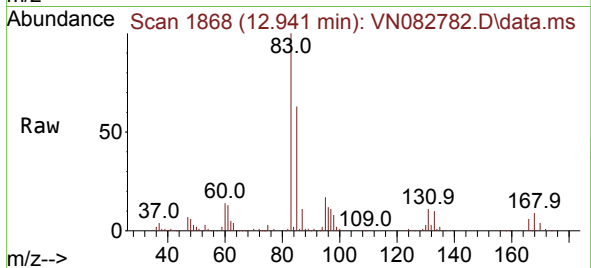
Tgt Ion: 83 Resp: 120550

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 64.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 74.480 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082782.D

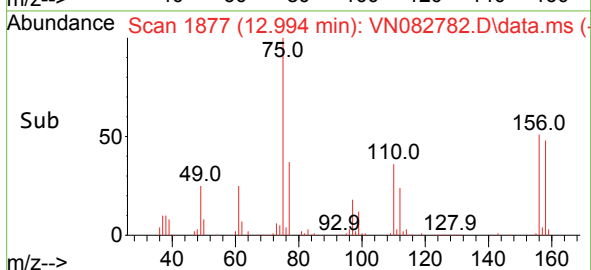
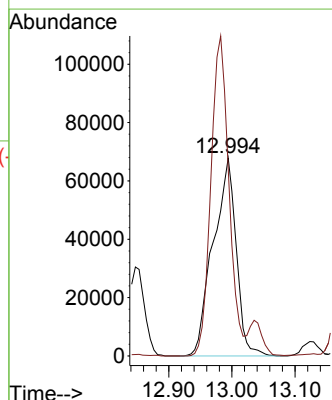
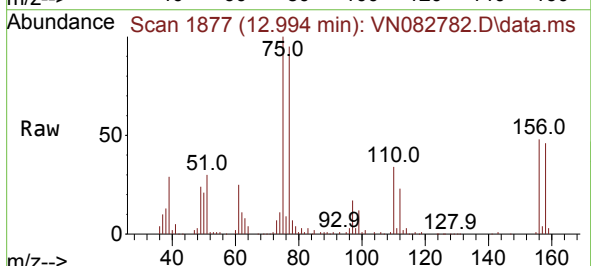
Acq: 02 Jul 2024 10:26

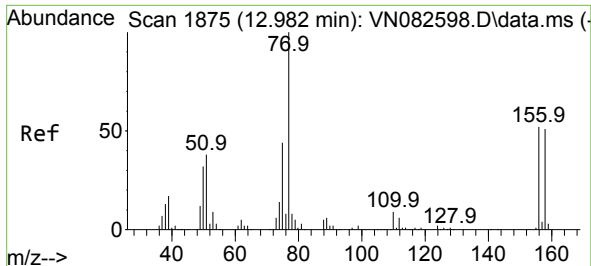
Tgt Ion: 75 Resp: 171854

Ion Ratio Lower Upper

75 100

77 126.2 110.9 332.6

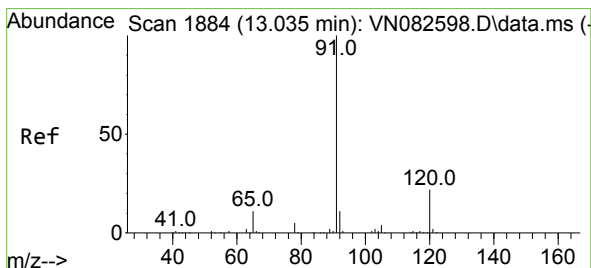
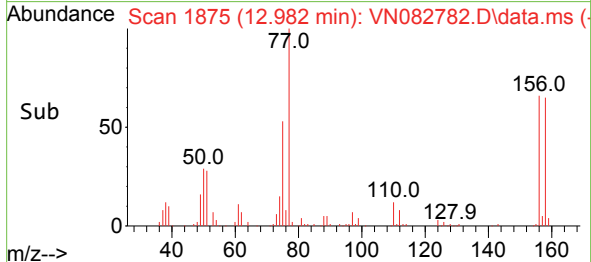
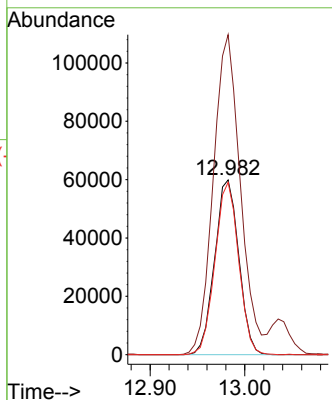
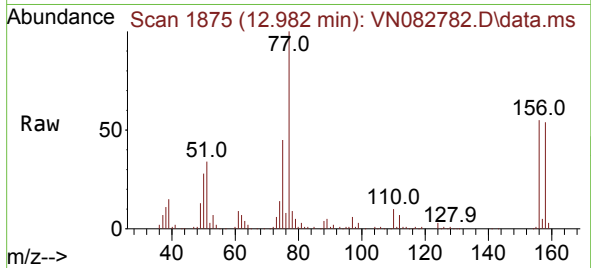




#77
Bromobenzene
Concen: 55.415 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

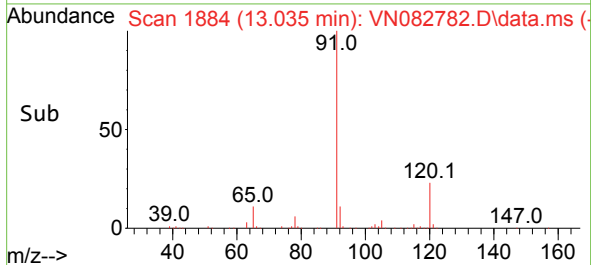
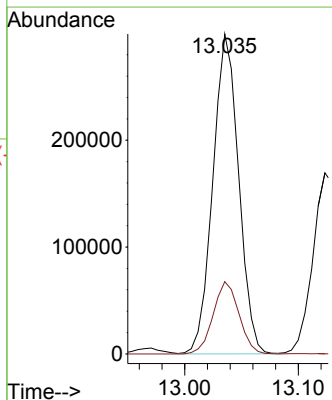
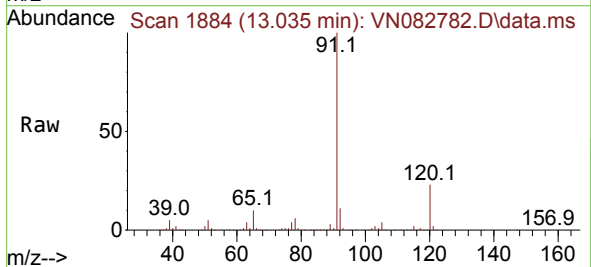
Instrument :
MSVOA_N
ClientSampleId :

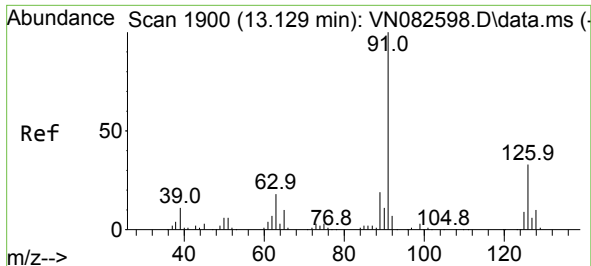
Tgt Ion:156 Resp: 106245
Ion Ratio Lower Upper
156 100
77 204.2 111.3 333.8
158 96.3 48.3 144.9



#78
n-propylbenzene
Concen: 51.876 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 91 Resp: 472574
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 51.998 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

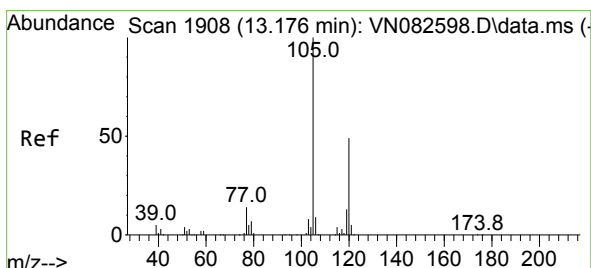
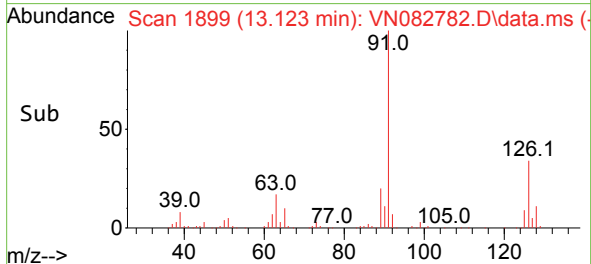
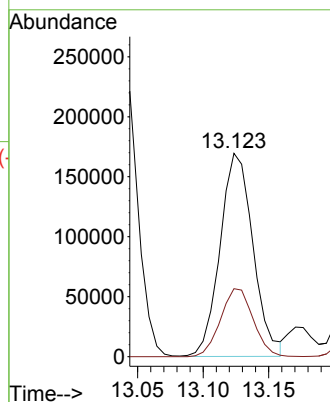
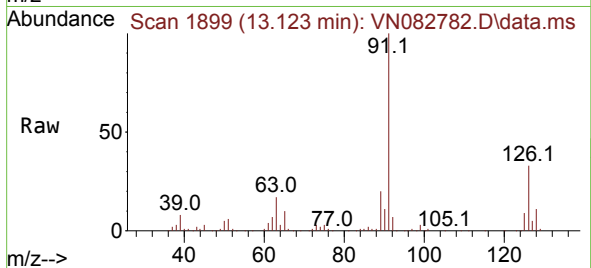
ClientSampleId :

Tgt Ion: 91 Resp: 296863

Ion Ratio Lower Upper

91 100

126 33.1 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 53.535 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.005 min

Lab File: VN082782.D

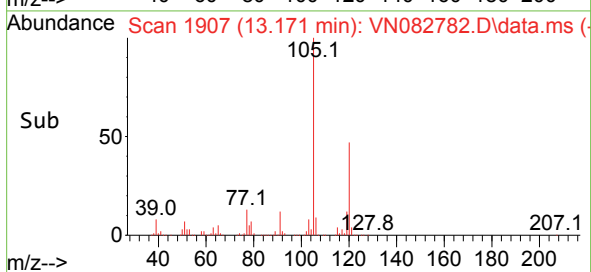
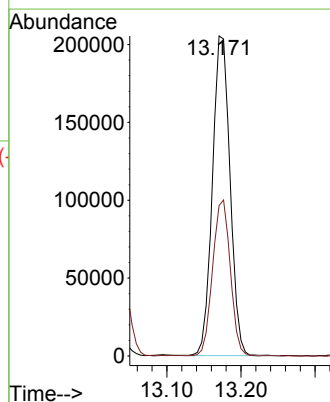
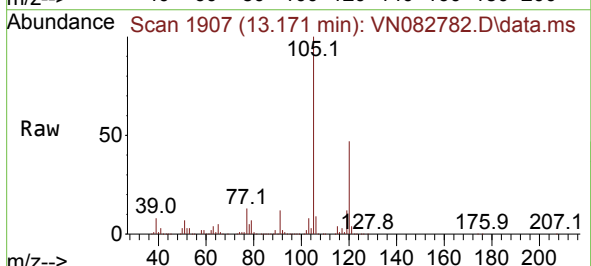
Acq: 02 Jul 2024 10:26

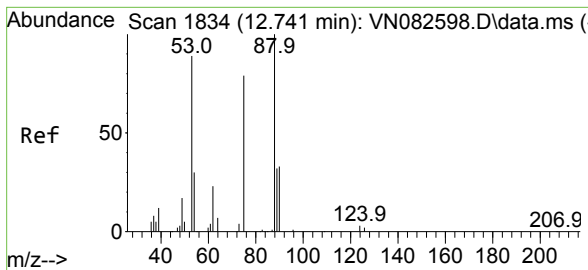
Tgt Ion:105 Resp: 339280

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8

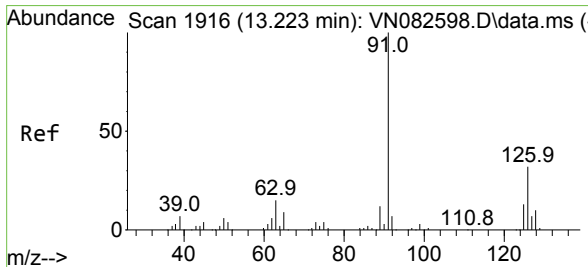
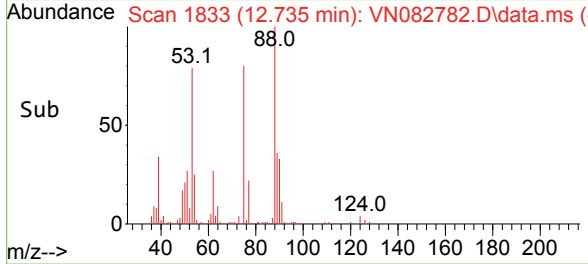
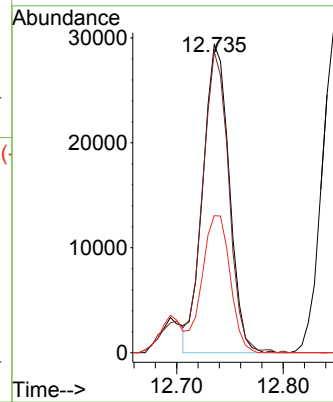
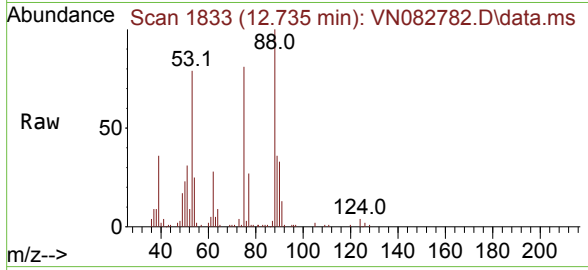




#81
trans-1,4-Dichloro-2-butene
Concen: 57.145 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

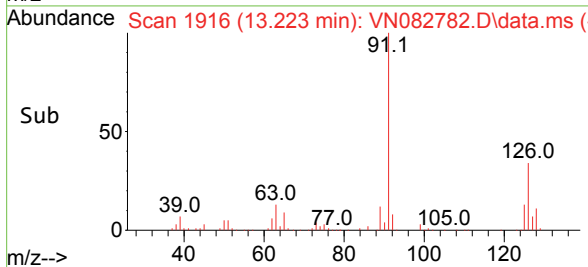
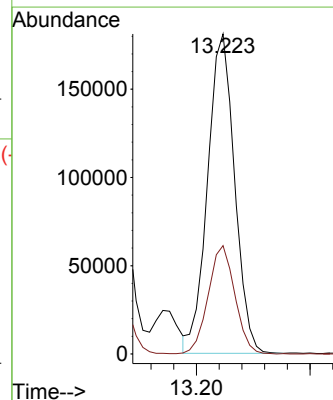
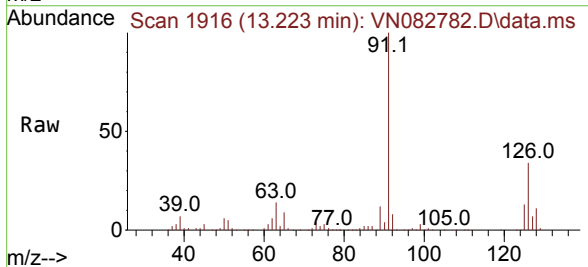
Instrument :
MSVOA_N
ClientSampleId :

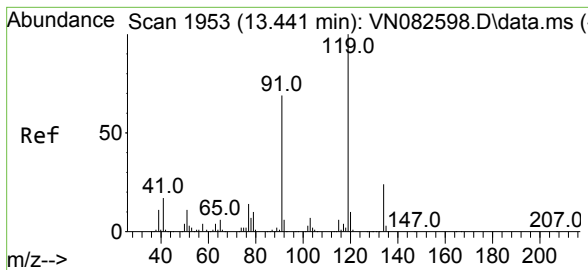
Tgt Ion: 75 Resp: 50560
Ion Ratio Lower Upper
75 100
53 106.4 88.4 132.6
89 47.5 36.3 54.5



#82
4-Chlorotoluene
Concen: 53.018 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 91 Resp: 298684
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6

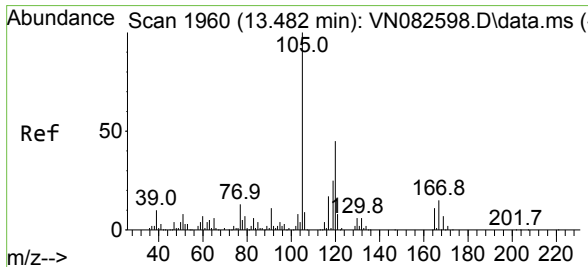
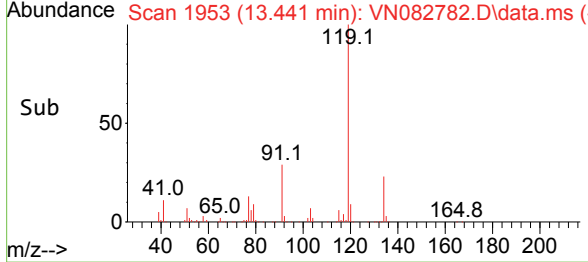
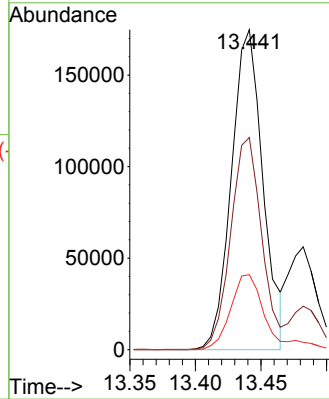
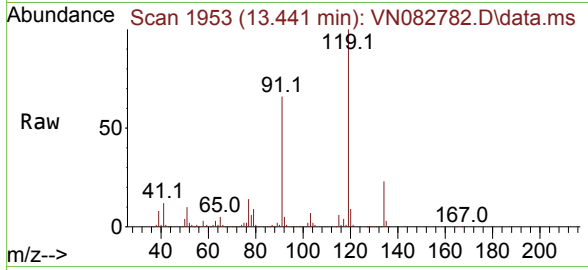




#83
tert-Butylbenzene
Concen: 54.882 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

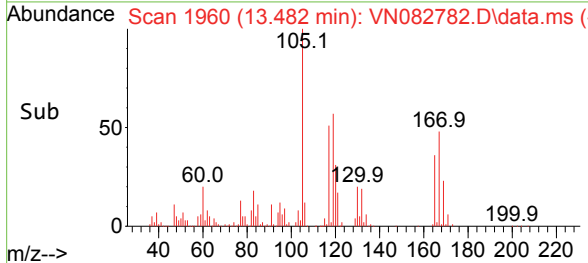
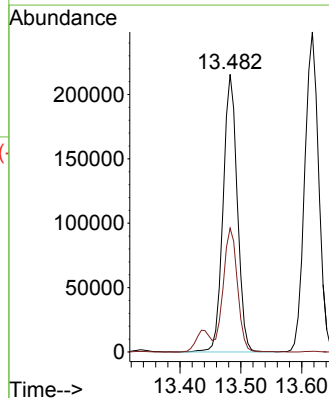
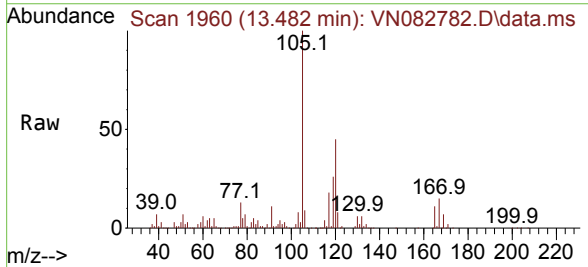
Instrument :
MSVOA_N
ClientSampleId :

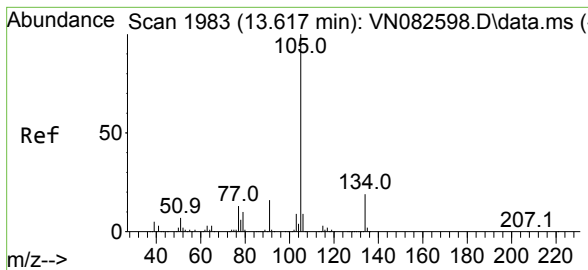
Tgt Ion:119 Resp: 292708
Ion Ratio Lower Upper
119 100
91 65.3 35.0 105.1
134 26.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 55.694 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion:105 Resp: 348871
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.8

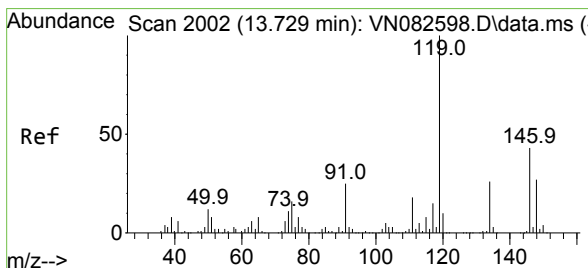
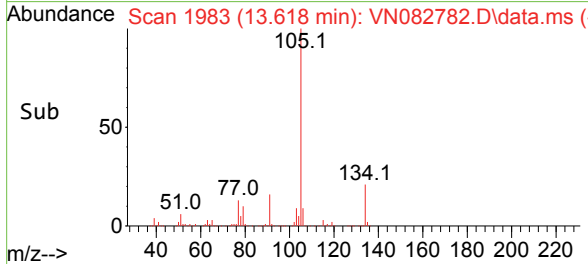
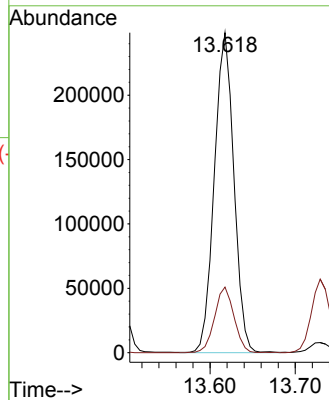
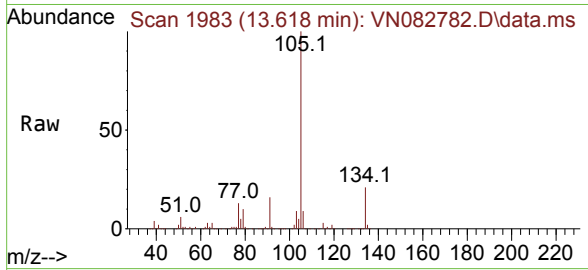




#85
 sec-Butylbenzene
 Concen: 52.981 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN082782.D
 Acq: 02 Jul 2024 10:26

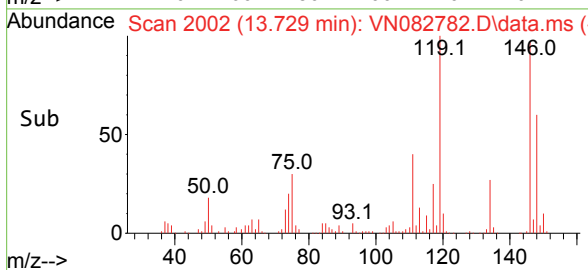
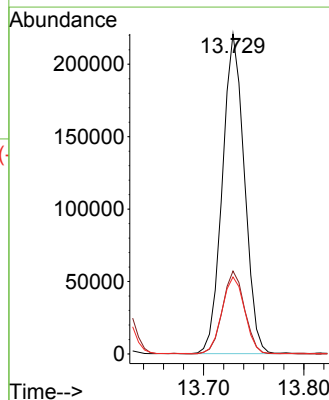
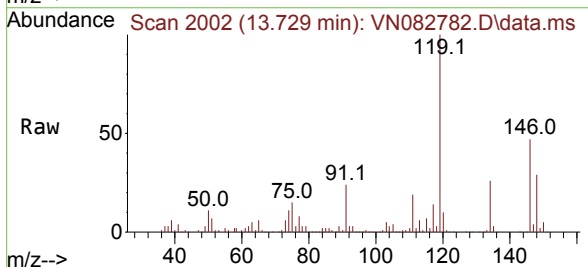
Instrument :
 MSVOA_N
 ClientSampleId :

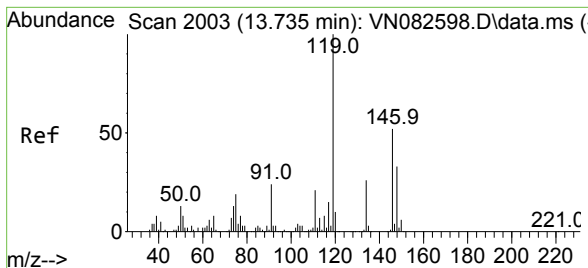
Tgt Ion:105 Resp: 395927
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 56.121 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082782.D
 Acq: 02 Jul 2024 10:26

Tgt Ion:119 Resp: 336022
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 24.7 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 51.113 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

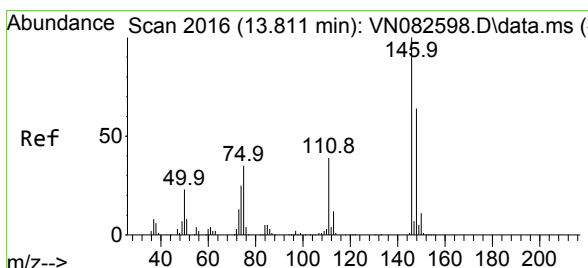
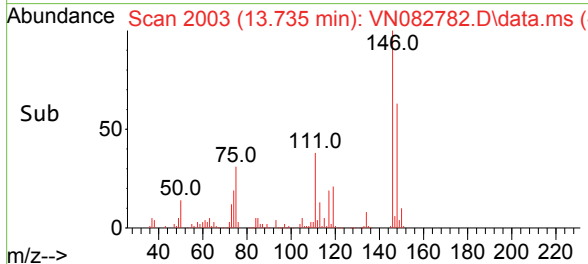
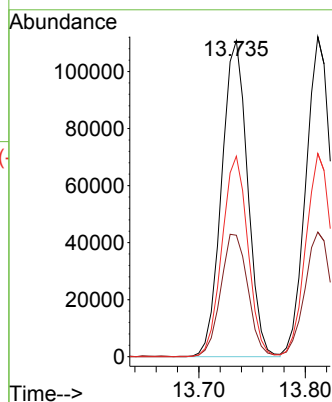
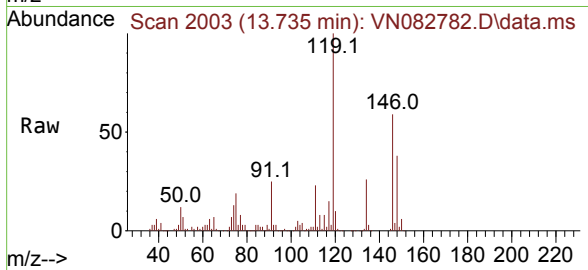
Tgt Ion:146 Resp: 187649

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.9

148 63.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.279 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.001 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

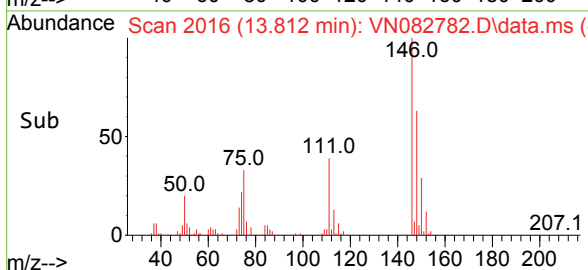
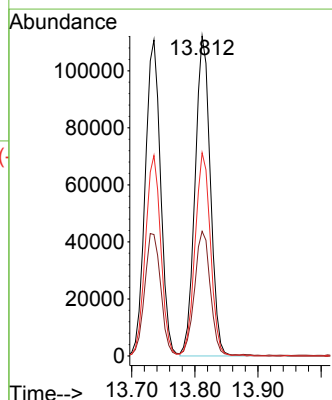
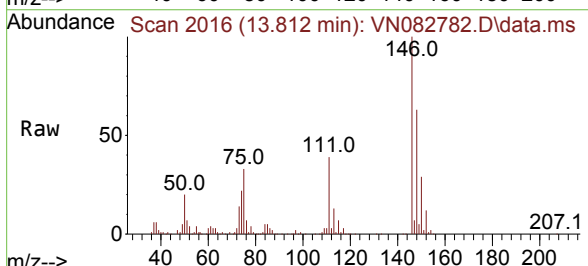
Tgt Ion:146 Resp: 188304

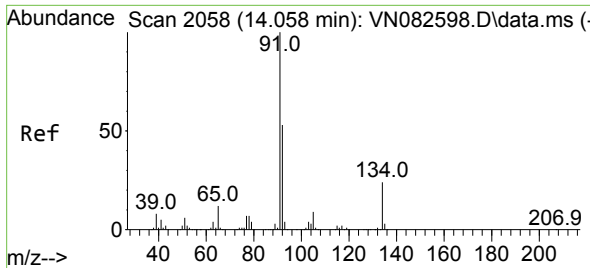
Ion Ratio Lower Upper

146 100

111 39.8 20.1 60.3

148 63.9 32.2 96.6

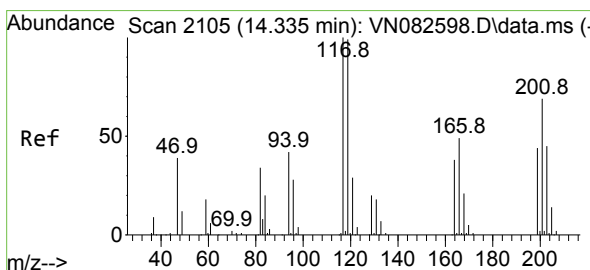
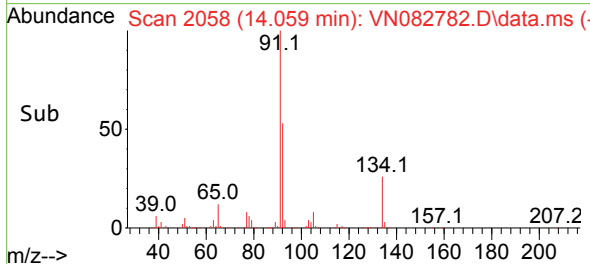
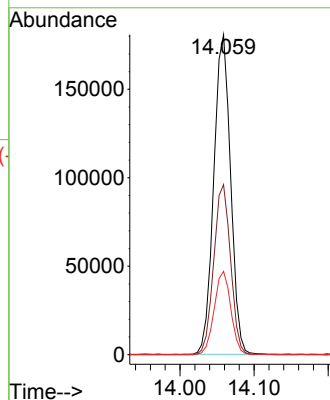
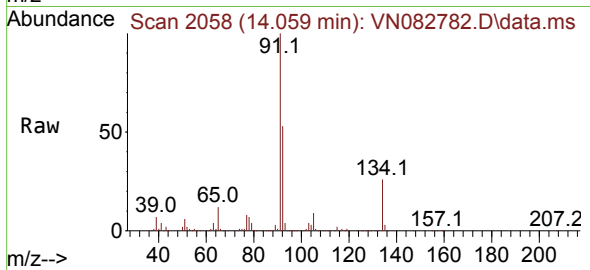




#89
n-Butylbenzene
Concen: 53.762 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

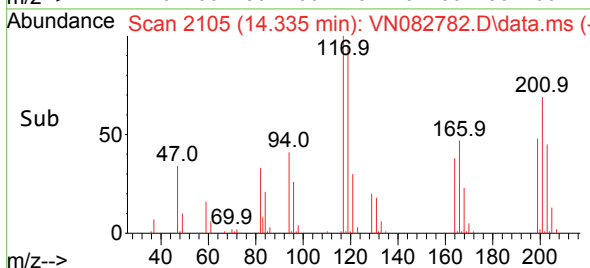
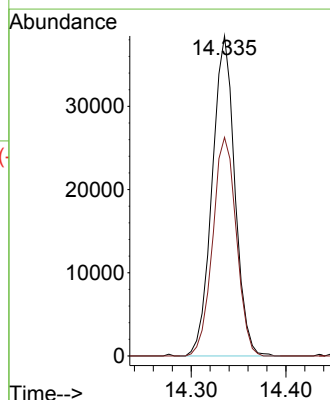
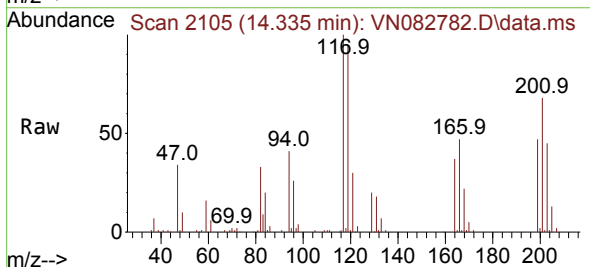
Instrument :
MSVOA_N
ClientSampleId :

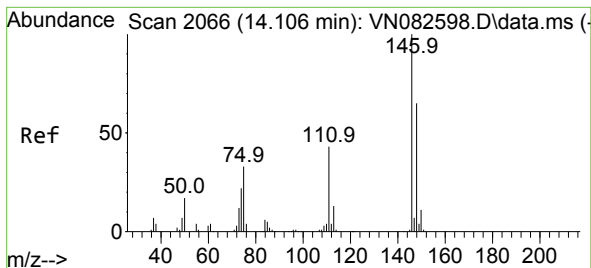
Tgt Ion: 91 Resp: 285044
Ion Ratio Lower Upper
91 100
92 53.2 26.1 78.3
134 25.8 12.1 36.3



#90
Hexachloroethane
Concen: 48.123 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082782.D
Acq: 02 Jul 2024 10:26

Tgt Ion: 117 Resp: 63978
Ion Ratio Lower Upper
117 100
201 71.1 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 52.583 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

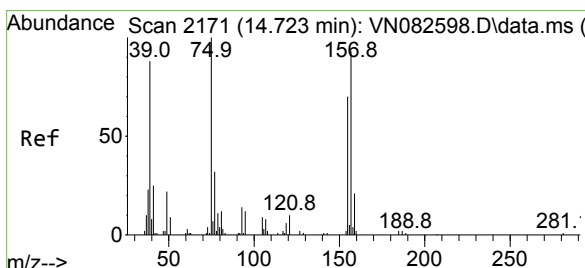
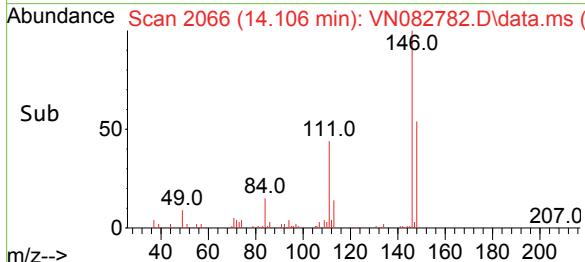
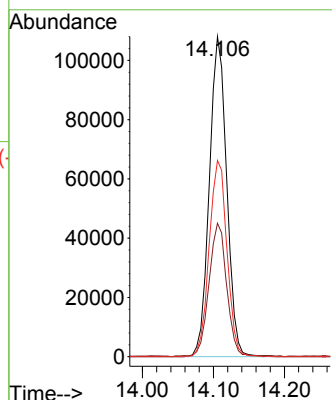
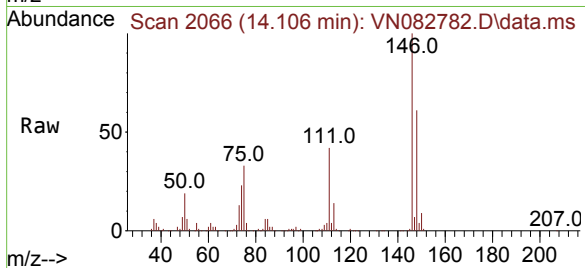
Tgt Ion:146 Resp: 183341

Ion Ratio Lower Upper

146 100

111 42.8 21.4 64.2

148 62.9 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.815 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

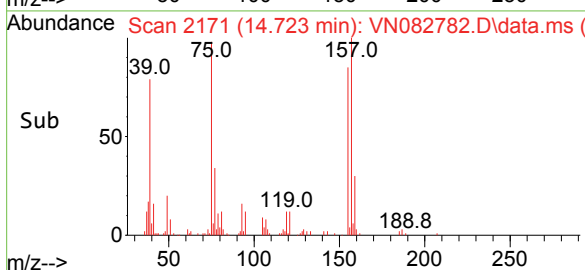
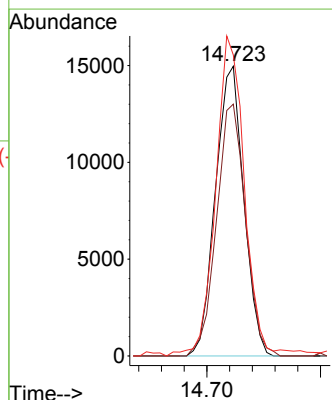
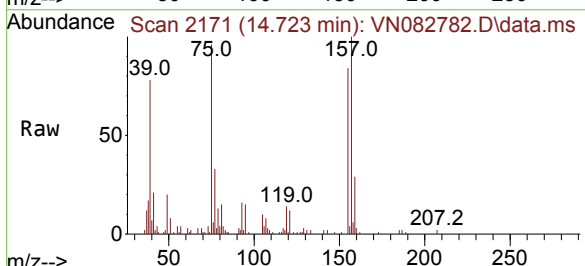
Tgt Ion: 75 Resp: 25914

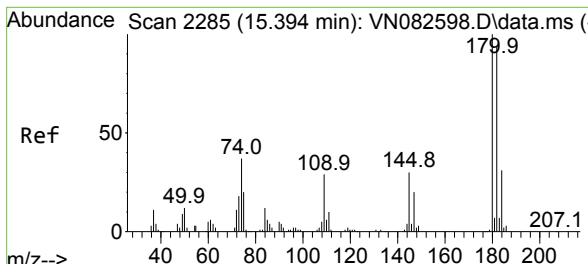
Ion Ratio Lower Upper

75 100

155 88.7 36.6 109.8

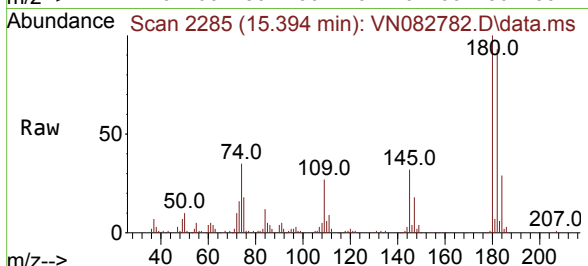
157 112.9 46.9 140.6





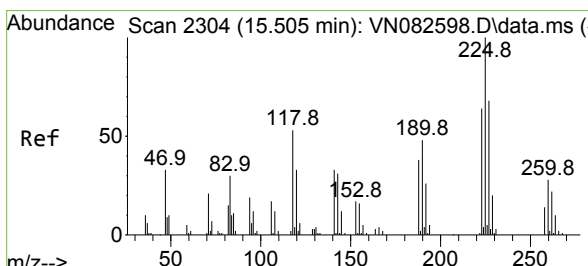
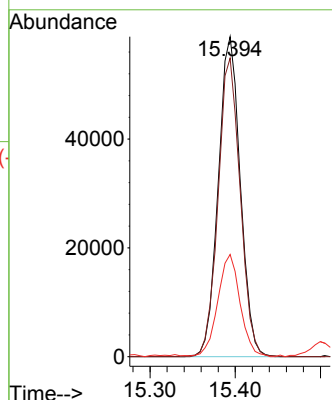
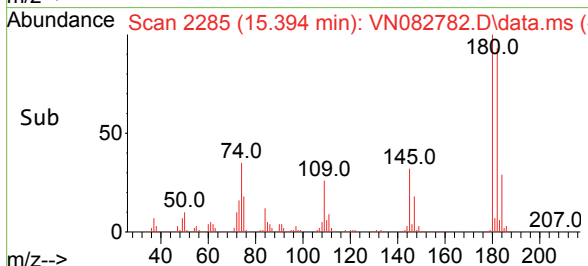
#93
 1,2,4-Trichlorobenzene
 Concen: 62.040 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082782.D
 Acq: 02 Jul 2024 10:26

Instrument :
 MSVOA_N
 ClientSampleId :

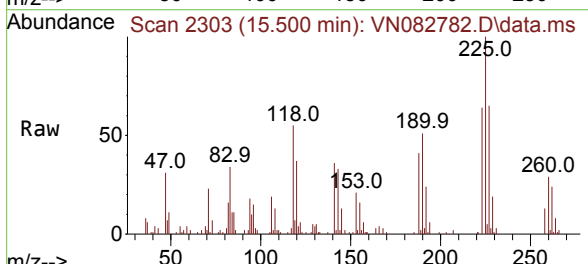


Tgt Ion:180 Resp: 105601

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.3	141.8
145	32.5	15.7	47.1

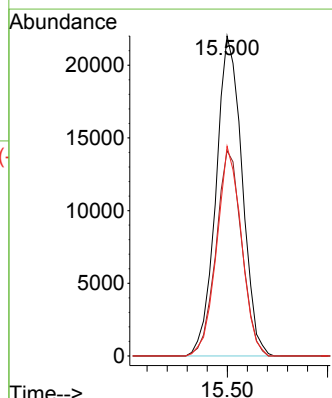
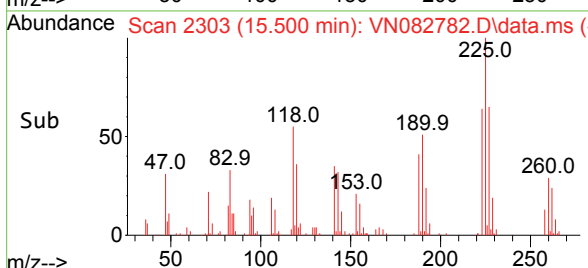


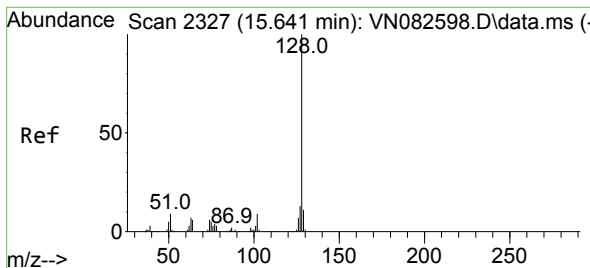
#94
 Hexachlorobutadiene
 Concen: 51.577 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.005 min
 Lab File: VN082782.D
 Acq: 02 Jul 2024 10:26



Tgt Ion:225 Resp: 39711

Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.9	95.7
227	61.9	32.5	97.5





#95

Naphthalene

Concen: 65.136 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

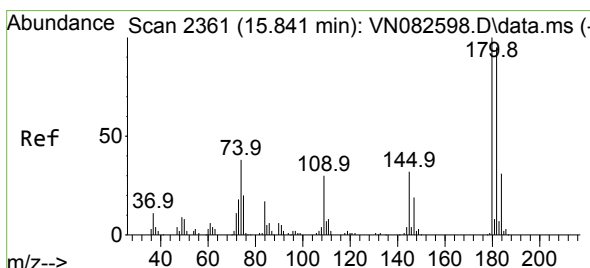
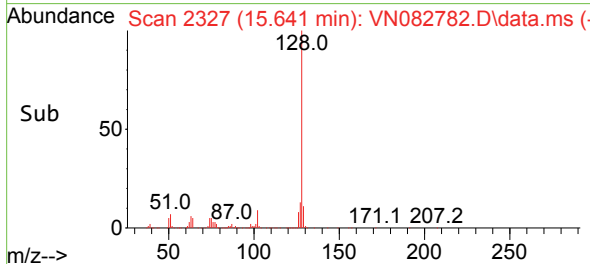
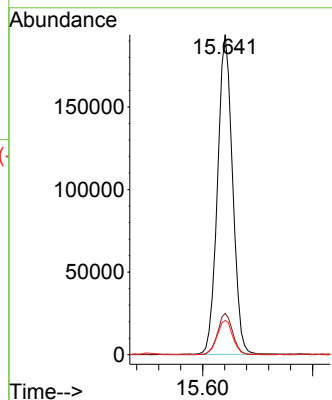
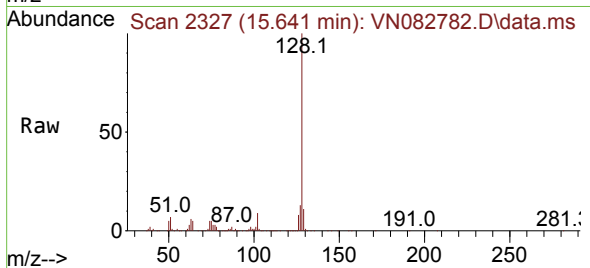
Tgt Ion:128 Resp: 368241

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 57.382 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082782.D

Acq: 02 Jul 2024 10:26

Tgt Ion:180 Resp: 104162

Ion Ratio Lower Upper

180 100

182 94.7 48.9 146.8

145 34.1 16.8 50.4

