

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081981.D
 Acq On : 02 May 2024 17:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 03 00:12:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	34675	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	213250	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	183298	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	85583	29.479	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.267%
60) 4-Bromofluorobenzene	12.853	95	90242	29.583	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.600%
63) Toluene-d8	10.571	98	267913	30.777	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38157	19.386	ug/l	91
3) Chloromethane	2.359	50	45114	19.764	ug/l	97
4) Vinyl Chloride	2.512	62	42358	19.643	ug/l	97
5) Bromomethane	2.965	94	18944	16.836	ug/l	89
6) Chloroethane	3.118	64	25264	20.690	ug/l	96
7) Trichlorofluoromethane	3.500	101	59767	18.941	ug/l	99
8) Diethyl Ether	3.959	74	29979	19.626	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	41201	19.047	ug/l	80
10) 1,1-Dichloroethene	4.342	96	41833	19.767	ug/l	94
11) Methyl Iodide	4.583	142	37485	19.382	ug/l	90
12) Methyl Acetate	5.024	43	59457	22.437	ug/l #	85
13) Acrolein	4.177	56	41698	74.039	ug/l	95
14) Acrylonitrile	5.718	53	128115	105.932	ug/l	99
15) Acetone	4.424	58	27655	102.045	ug/l	99
16) Carbon Disulfide	4.718	76	109202	18.625	ug/l	99
17) Allyl chloride	5.012	41	73234	19.710	ug/l	80
18) Methylene Chloride	5.277	84	47730	19.822	ug/l	95
19) trans-1,2-Dichloroethene	5.789	96	43066	19.550	ug/l	98
20) Diisopropyl ether	6.665	45	170933	20.793	ug/l #	93
21) 1,1-Dichloroethane	6.571	63	89769	20.623	ug/l	94
22) cis-1,2-Dichloroethene	7.488	96	53561	19.953	ug/l	93
23) tert-Butyl Alcohol	5.518	59	28162	56.531	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	153276	20.089	ug/l #	88
25) Chloroform	7.965	83	87201	20.823	ug/l	97
26) Cyclohexane	8.265	56	74406	19.767	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	59582	18.767	ug/l	96
30) 2-Butanone	7.483	43	162327	99.191	ug/l	94
31) 2,2-Dichloropropane	7.483	77	73967	22.735	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	71207	19.502	ug/l #	93
33) Carbon Tetrachloride	8.359	117	56321	19.007	ug/l	99
34) Benzene	8.606	78	199698	19.717	ug/l	95
35) Methacrylonitrile	7.777	41	38739	18.711	ug/l	96
36) 1,2-Dichloroethane	8.671	62	62406	18.355	ug/l	100
37) Trichloroethene	9.353	130	41919	16.898	ug/l	96
38) Methylcyclohexane	9.600	83	73622	19.196	ug/l	94
39) 1,2-Dichloropropane	9.624	63	52114	20.053	ug/l	97
40) Dibromomethane	9.712	93	33172	19.869	ug/l	88
41) Bromodichloromethane	9.888	83	66186	18.548	ug/l #	97
42) Vinyl Acetate	6.606	43	679192	97.508	ug/l	95

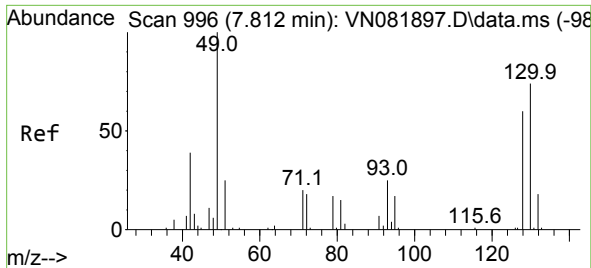
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	71671	20.087	ug/l #	88
44) Isopropyl Acetate	8.688	43	123021	19.420	ug/l	90
45) 1,4-Dioxane	9.700	88	20700	407.470	ug/l	97
46) Methyl methacrylate	9.682	41	56669	19.581	ug/l	84
47) n-amyl Acetate	12.494	43	109929	19.240	ug/l #	86
48) t-1,3-Dichloropropene	10.841	75	73699	19.045	ug/l	92
49) cis-1,3-Dichloropropene	10.312	75	78260	19.128	ug/l #	77
50) 1,1,2-Trichloroethane	11.018	97	45827	20.232	ug/l	96
51) Ethyl methacrylate	10.876	69	83981	19.645	ug/l	76
52) 1,3-Dichloropropane	11.165	76	81072	19.482	ug/l	99
53) Dibromochloromethane	11.365	129	45758	18.568	ug/l	99
54) 1,2-Dibromoethane	11.471	107	45172	19.997	ug/l	94
55) 2-Chloroethyl vinyl ether	10.165	63	226809	106.100	ug/l	96
56) Bromoform	12.582	173	25327	16.886	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	353840	99.419	ug/l #	89
59) 2-Hexanone	11.194	43	265646	100.667	ug/l #	89
61) Tetrachloroethene	11.106	164	36440	17.916	ug/l	89
62) Toluene	10.629	91	206742	20.046	ug/l	100
64) Chlorobenzene	11.894	112	123656	19.603	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	39257	19.014	ug/l	95
66) Ethyl Benzene	11.965	91	223392	19.761	ug/l	98
67) m/p-Xylenes	12.076	106	167478	39.957	ug/l	100
68) o-Xylene	12.400	106	82379	19.865	ug/l	99
69) Styrene	12.412	104	137408	19.739	ug/l	99
70) Isopropylbenzene	12.700	105	205584	19.520	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	63938	21.096	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	86473	30.518	ug/l	60
73) Bromobenzene	12.982	156	42416	18.814	ug/l	82
74) n-propylbenzene	13.035	91	254130	20.452	ug/l	98
75) 2-Chlorotoluene	13.129	91	147089	19.135	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	168451	19.760	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	27063	21.459	ug/l	89
78) 4-Chlorotoluene	13.223	91	148353	19.700	ug/l	98
79) tert-butylbenzene	13.441	119	142267	19.382	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	166613	19.457	ug/l	97
81) sec-Butylbenzene	13.617	105	210875	20.495	ug/l	98
82) p-Isopropyltoluene	13.729	119	162439	19.966	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	78682	19.382	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	79725	19.539	ug/l	99
85) n-Butylbenzene	14.059	91	150569	20.260	ug/l	96
86) Hexachloroethane	14.335	117	29632	18.266	ug/l	79
87) 1,2-Dichlorobenzene	14.106	146	78446	19.402	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12489	18.363	ug/l	86
89) 1,2,4-Trichlorobenzene	15.847	180	39430	17.711	ug/l	98
90) Hexachlorobutadiene	15.500	225	13182	15.987	ug/l	86
91) Naphthalene	15.641	128	155852	18.415	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	39430	17.711	ug/l	98

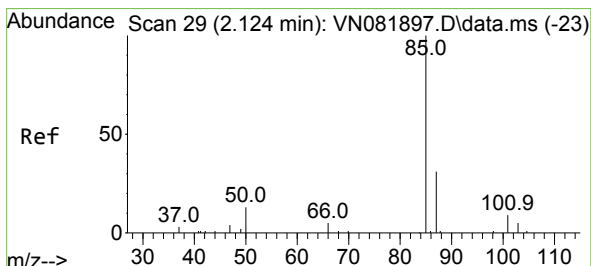
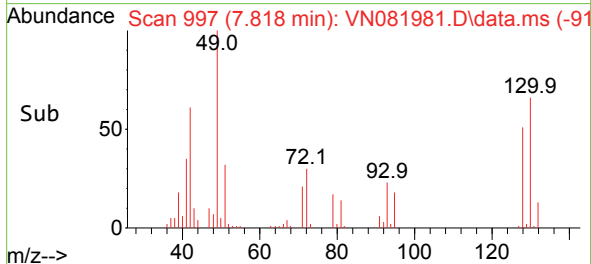
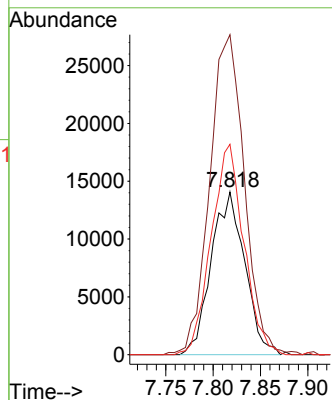
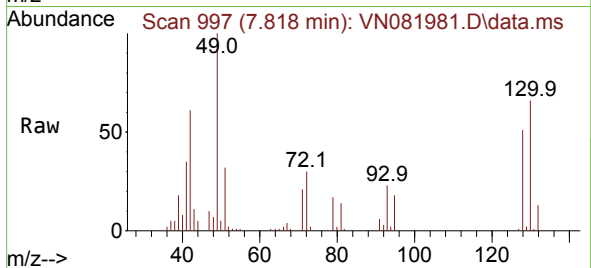
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.818 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

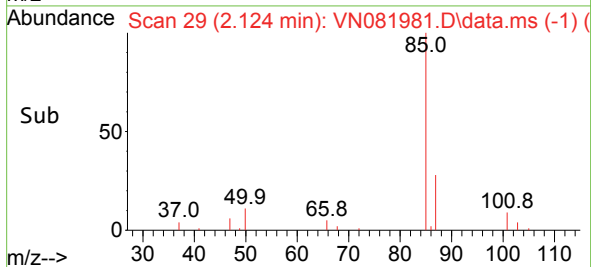
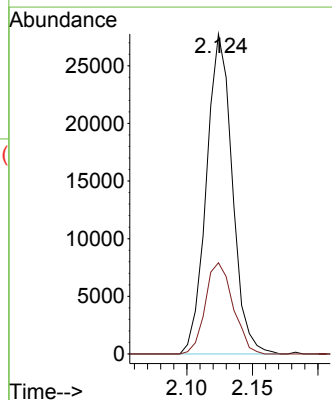
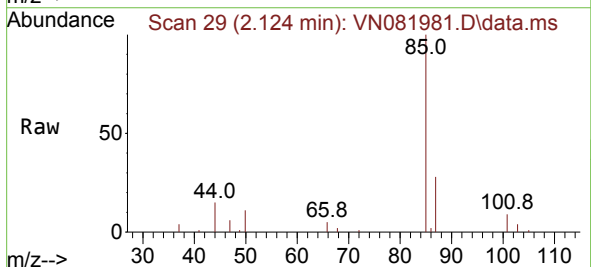
Instrument :
 MSVOA_N
 ClientSampleId :

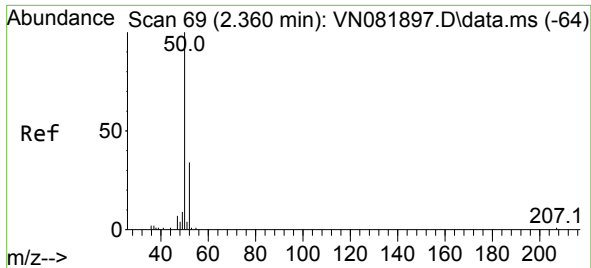
Tgt Ion:128 Resp: 34675
 Ion Ratio Lower Upper
 128 100
 49 202.7 0.0 403.7
 130 125.9 0.0 323.3



#2
 Dichlorodifluoromethane
 Concen: 19.386 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

Tgt Ion: 85 Resp: 38157
 Ion Ratio Lower Upper
 85 100
 87 28.5 16.8 50.3

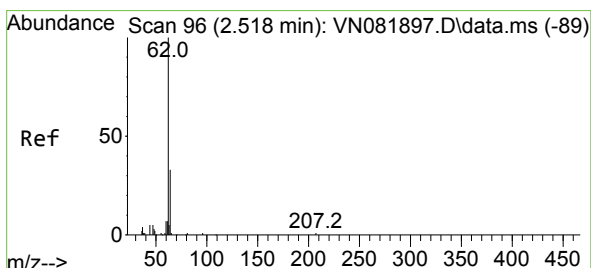
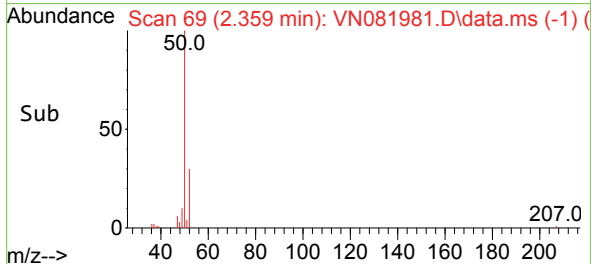
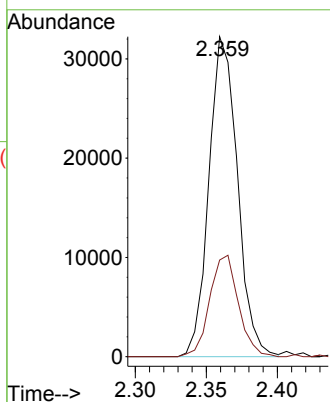
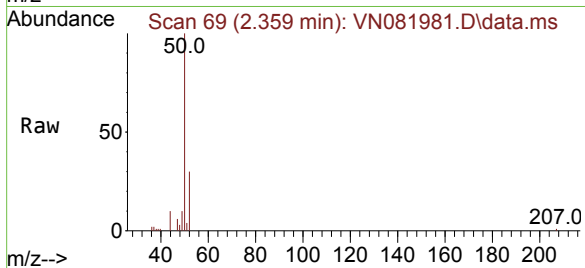




#3
Chloromethane
Concen: 19.764 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

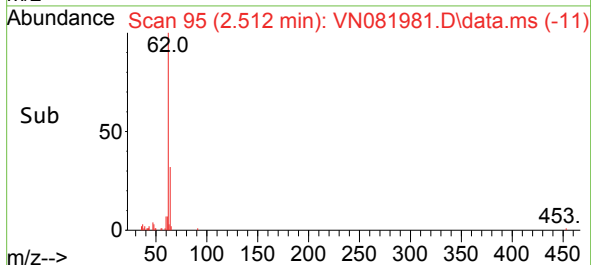
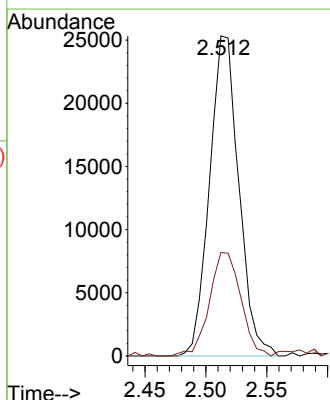
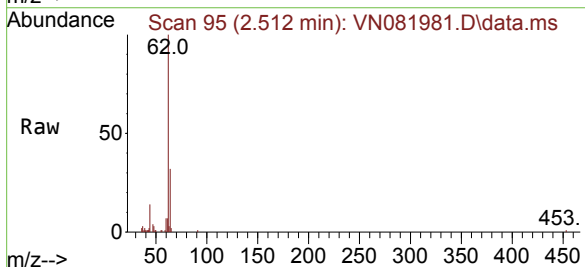
Instrument :
MSVOA_N
ClientSampleId :

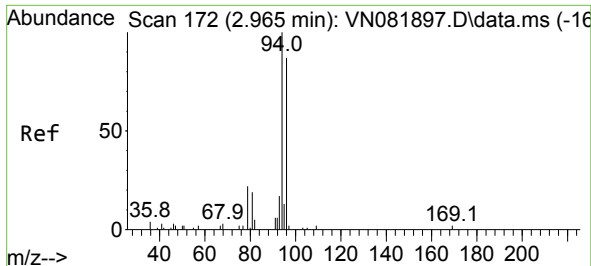
Tgt Ion: 50 Resp: 45114
Ion Ratio Lower Upper
50 100
52 30.2 25.4 38.0



#4
Vinyl Chloride
Concen: 19.643 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

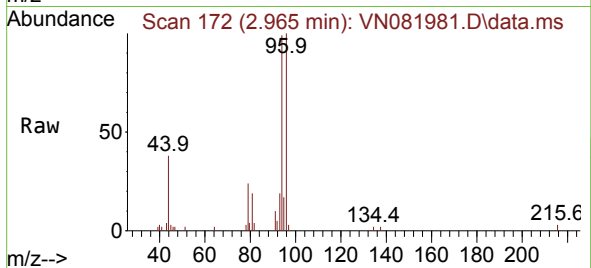
Tgt Ion: 62 Resp: 42358
Ion Ratio Lower Upper
62 100
64 31.5 24.1 36.1



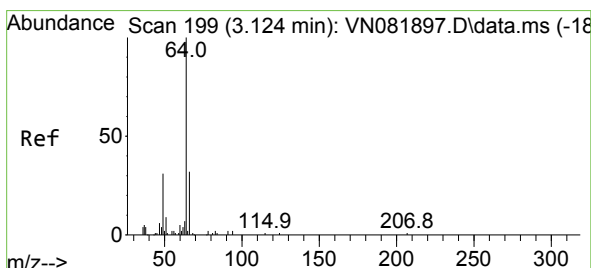
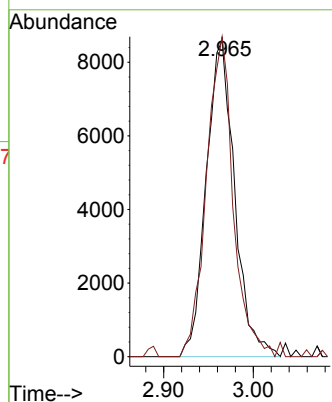
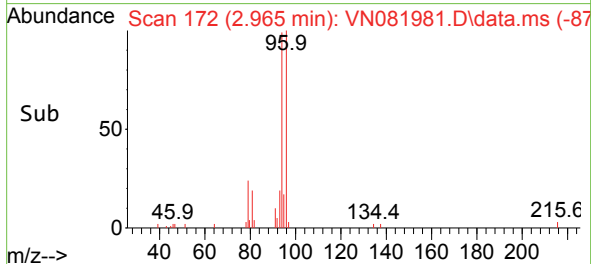


#5
Bromomethane
Concen: 16.836 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

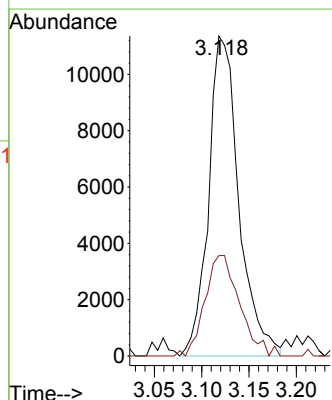
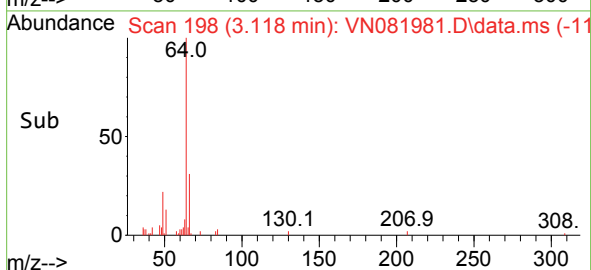
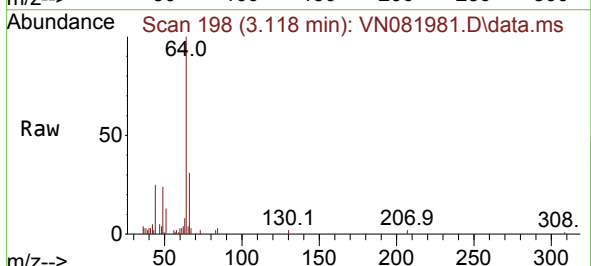


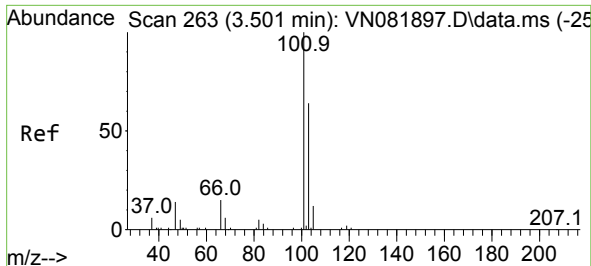
Tgt Ion: 94 Resp: 18944
Ion Ratio Lower Upper
94 100
96 101.1 72.8 109.2



#6
Chloroethane
Concen: 20.690 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 64 Resp: 25264
Ion Ratio Lower Upper
64 100
66 31.4 26.7 40.1

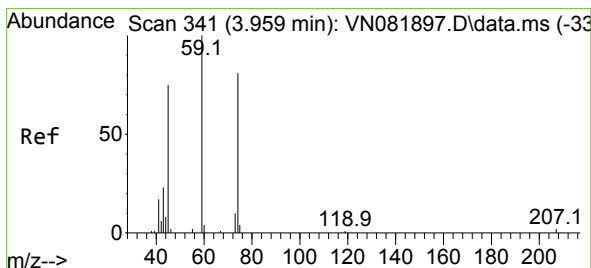
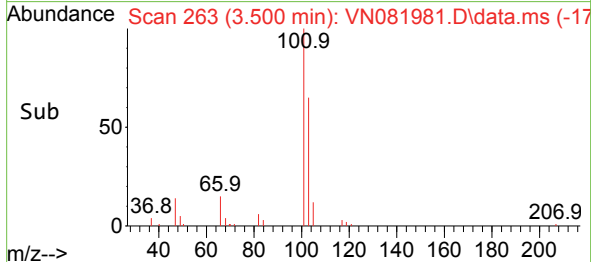
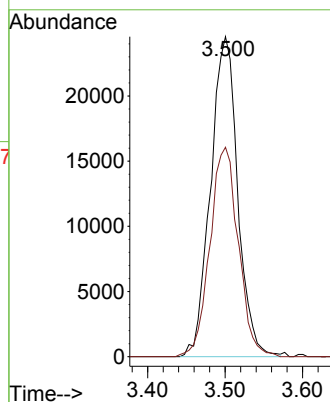
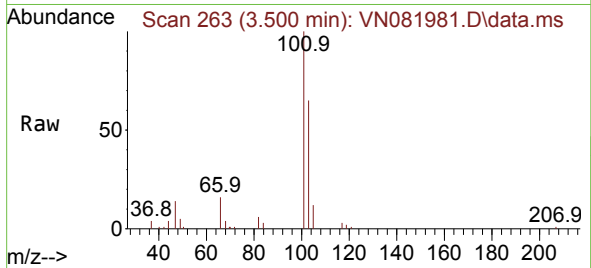




#7
Trichlorofluoromethane
Concen: 18.941 ug/l
RT: 3.500 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

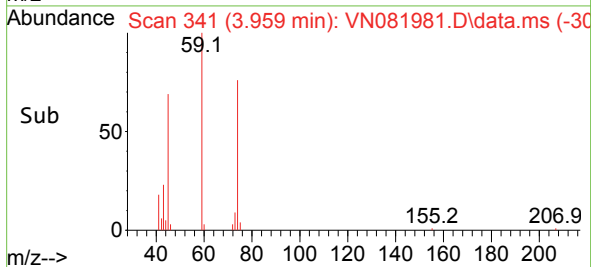
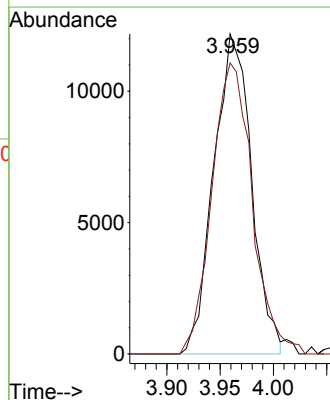
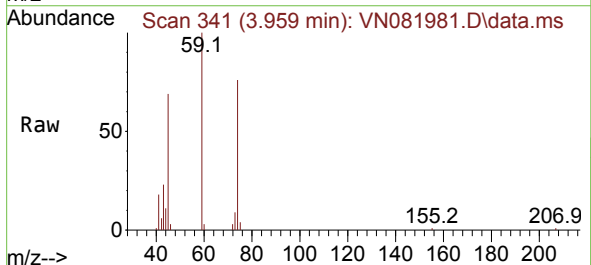
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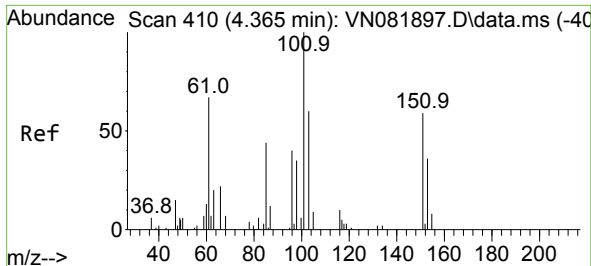
Tgt Ion:101 Resp: 59767
Ion Ratio Lower Upper
101 100
103 65.5 53.0 79.4



#8
Diethyl Ether
Concen: 19.626 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 74 Resp: 29979
Ion Ratio Lower Upper
74 100
45 97.3 16.4 147.4

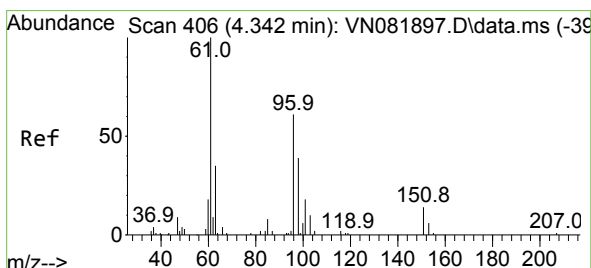
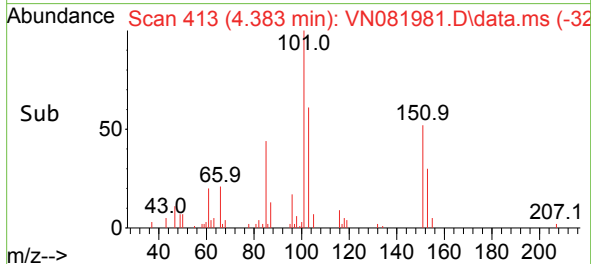
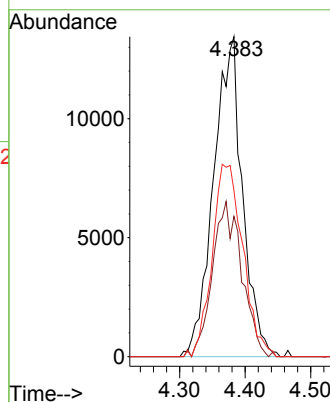
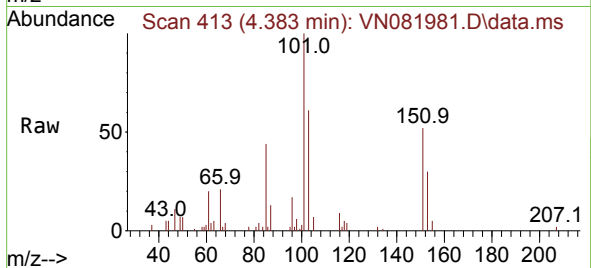




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.047 ug/l
RT: 4.383 min Scan# 410
Delta R.T. 0.018 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

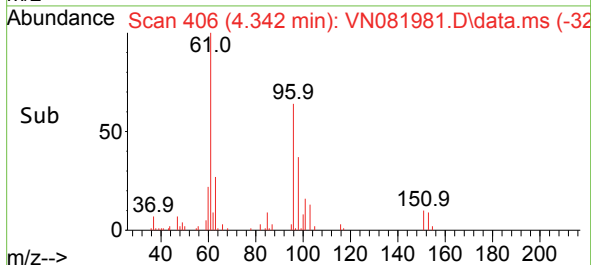
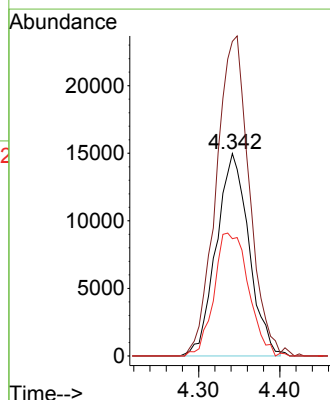
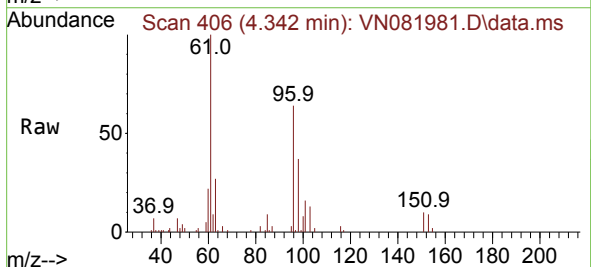
Instrument :
MSVOA_N
ClientSampleId :

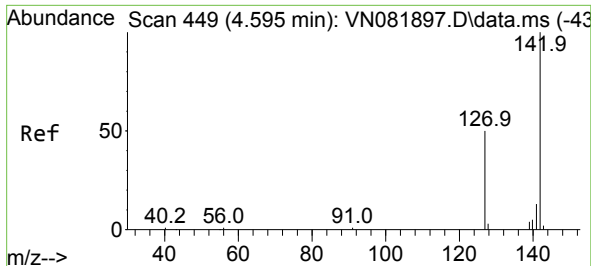
Tgt Ion:101 Resp: 41201
Ion Ratio Lower Upper
101 100
85 29.9 0.0 90.6
151 63.5 0.0 157.6



#10
1,1-Dichloroethene
Concen: 19.767 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

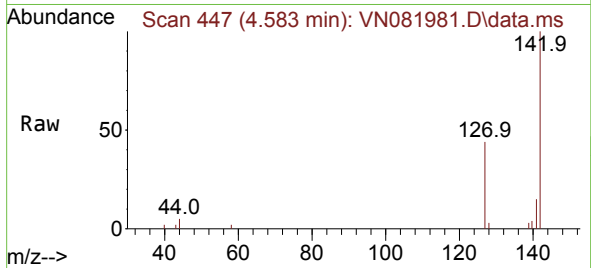
Tgt Ion: 96 Resp: 41833
Ion Ratio Lower Upper
96 100
61 155.3 117.6 176.4
98 57.9 48.4 72.6



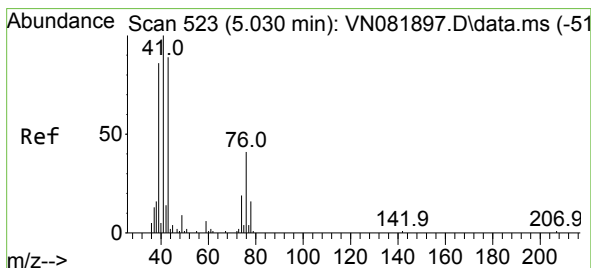
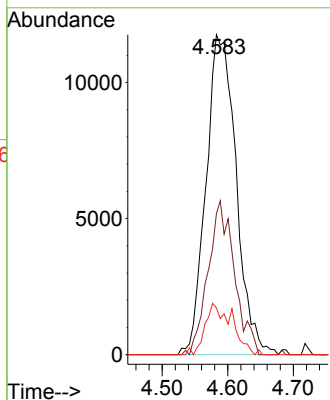
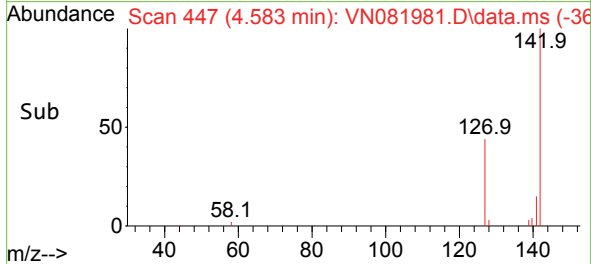


#11
Methyl Iodide
Concen: 19.382 ug/l
RT: 4.583 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

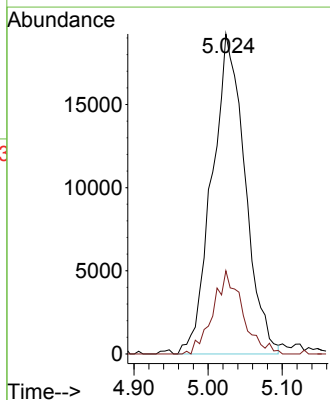
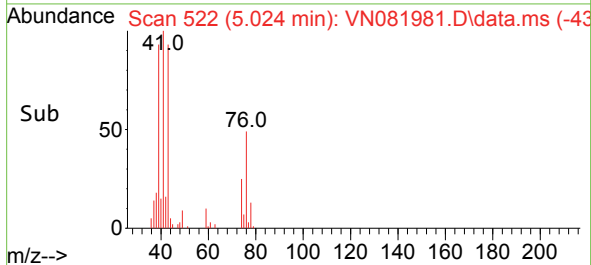
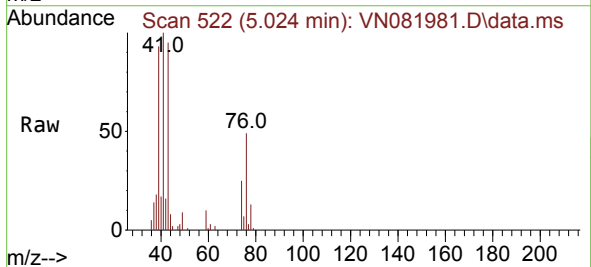


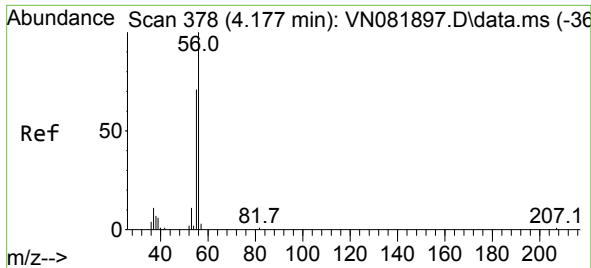
Tgt Ion:142 Resp: 37485
Ion Ratio Lower Upper
142 100
127 44.1 26.3 78.9
141 14.6 8.3 24.9



#12
Methyl Acetate
Concen: 22.437 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

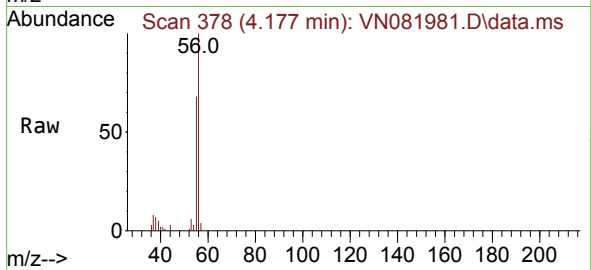
Tgt Ion: 43 Resp: 59457
Ion Ratio Lower Upper
43 100
74 26.1 27.7 41.5#



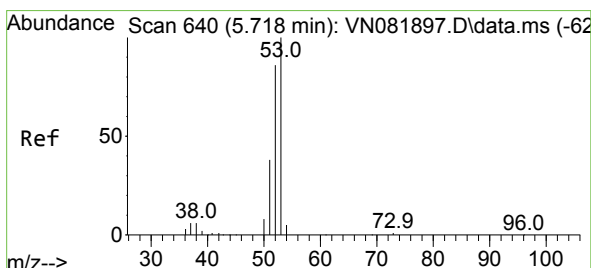
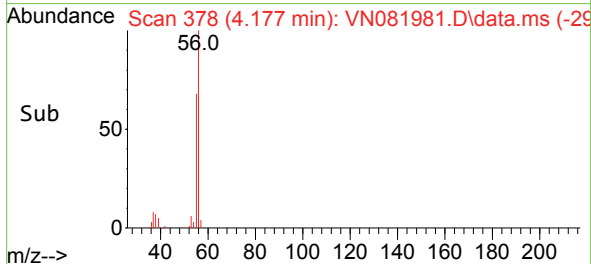
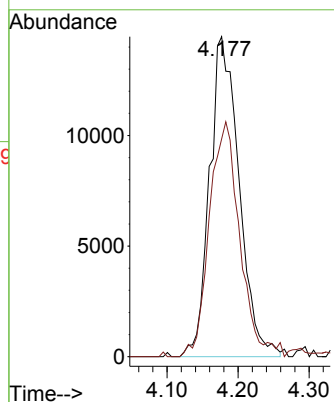


#13
Acrolein
Concen: 74.039 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

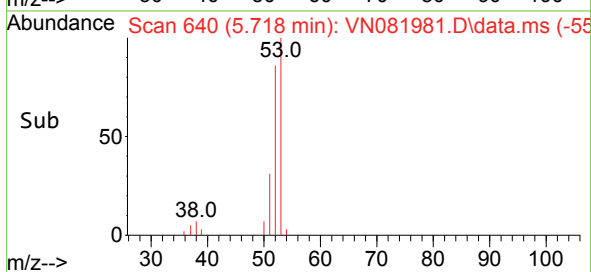
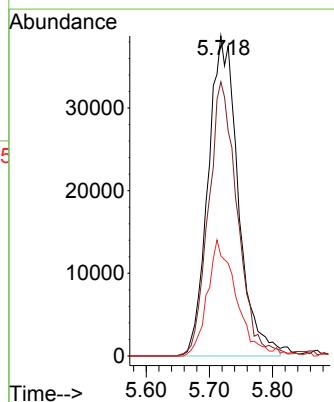
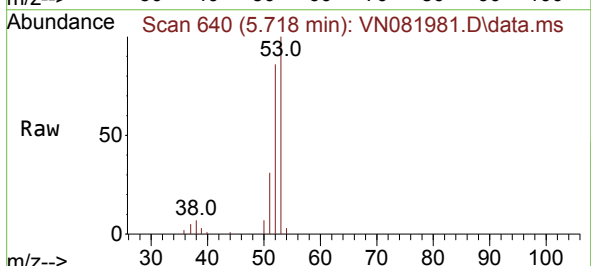


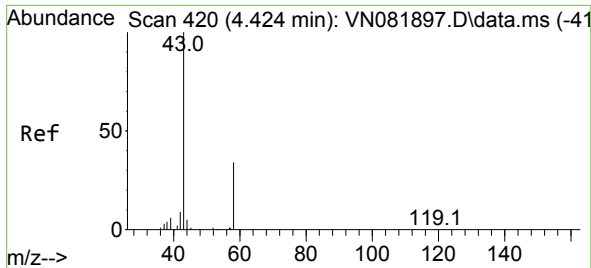
Tgt Ion: 56 Resp: 41698
Ion Ratio Lower Upper
56 100
55 73.7 55.5 83.3



#14
Acrylonitrile
Concen: 105.932 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 53 Resp: 128115
Ion Ratio Lower Upper
53 100
52 82.2 41.3 123.9
51 32.5 16.8 50.3

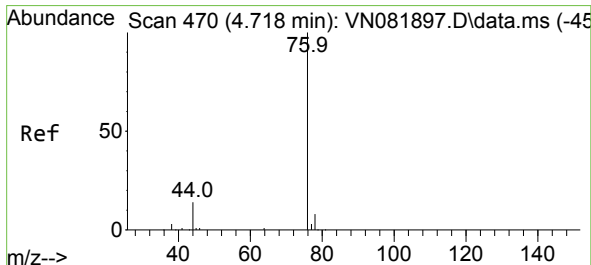
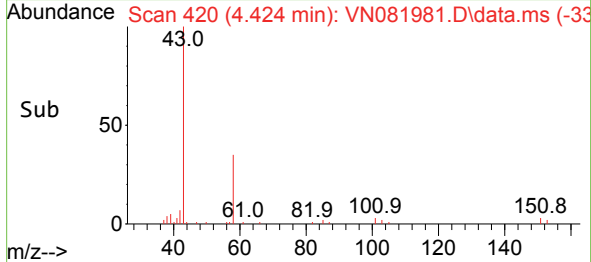
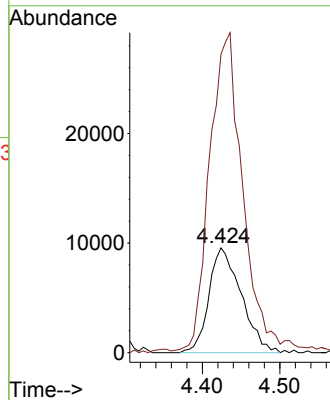
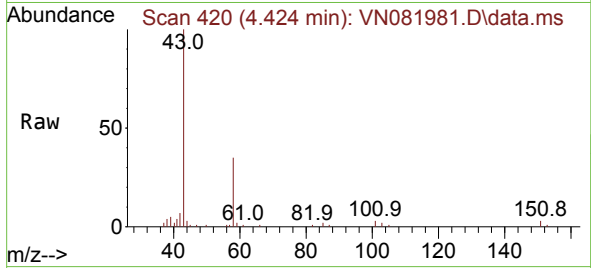




#15
Acetone
Concen: 102.045 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

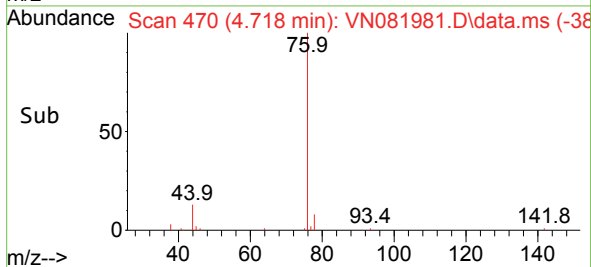
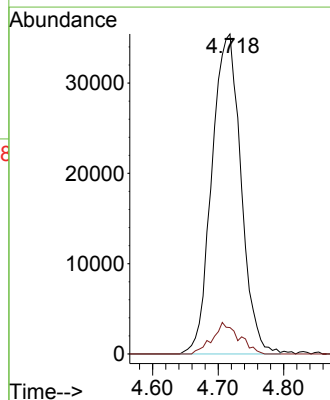
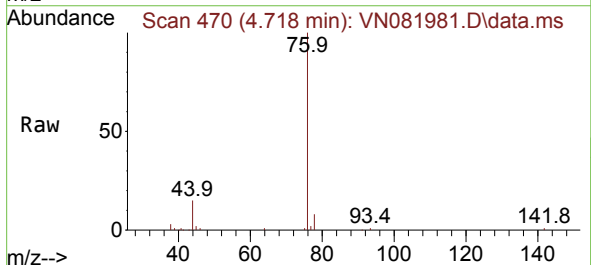
Instrument :
MSVOA_N
ClientSampleId :

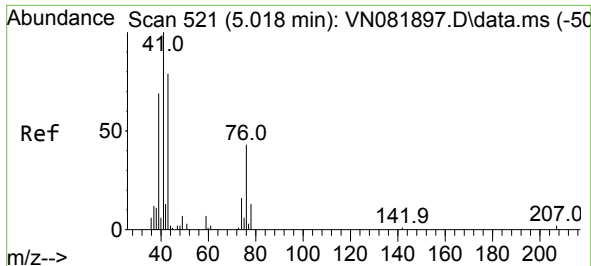
Tgt Ion: 58 Resp: 27655
Ion Ratio Lower Upper
58 100
43 281.4 223.1 334.7



#16
Carbon Disulfide
Concen: 18.625 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

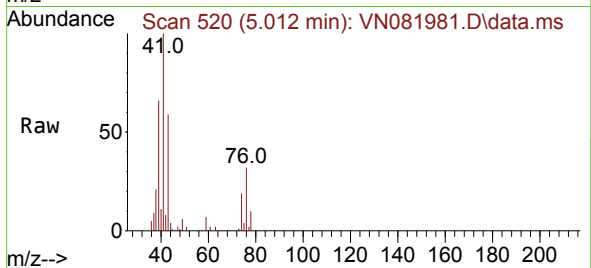
Tgt Ion: 76 Resp: 109202
Ion Ratio Lower Upper
76 100
78 8.3 6.3 9.5



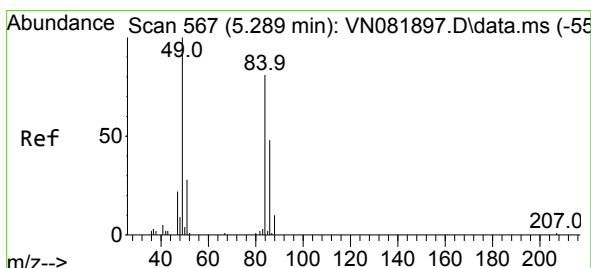
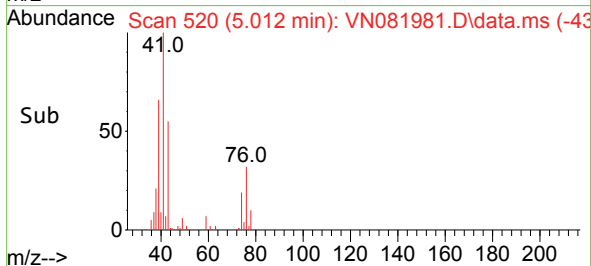
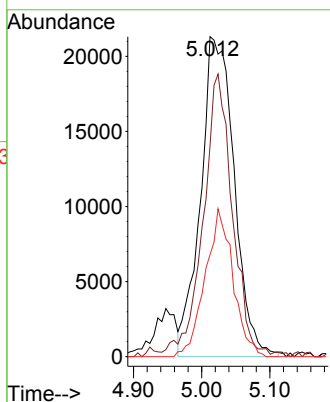


#17
 Allyl chloride
 Concen: 19.710 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

Instrument :
 MSVOA_N
 ClientSampleId :

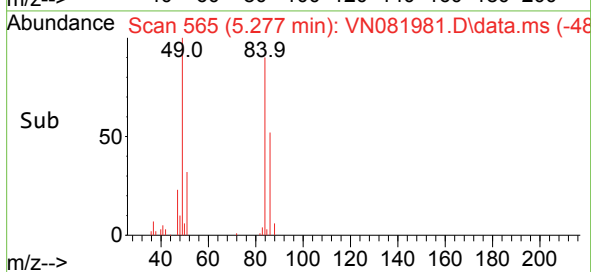
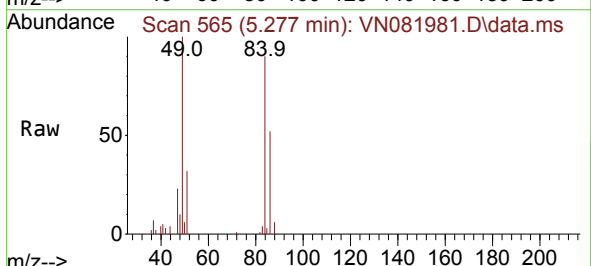
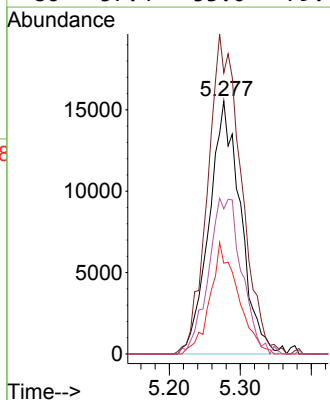


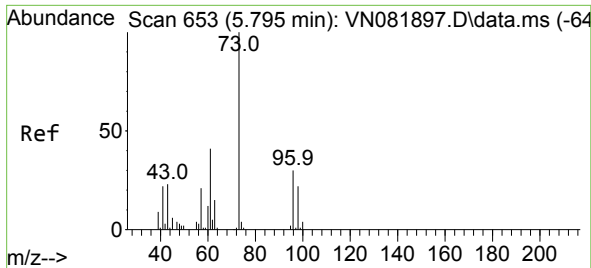
Tgt Ion: 41 Resp: 73234
 Ion Ratio Lower Upper
 41 100
 39 65.5 37.6 112.9
 76 32.4 27.8 83.4



#18
 Methylene Chloride
 Concen: 19.822 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.012 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

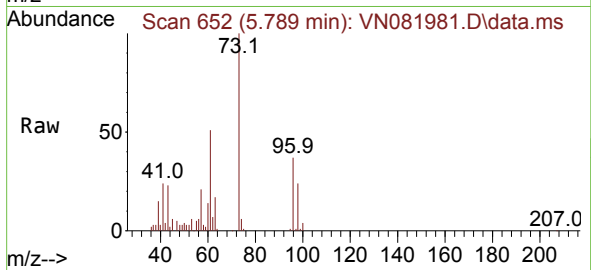
Tgt Ion: 84 Resp: 47730
 Ion Ratio Lower Upper
 84 100
 49 110.1 86.0 129.0
 51 35.9 30.0 45.0
 86 57.4 53.0 79.4



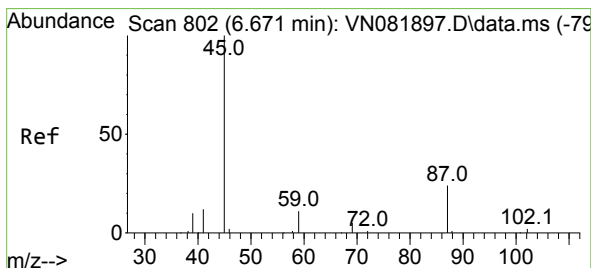
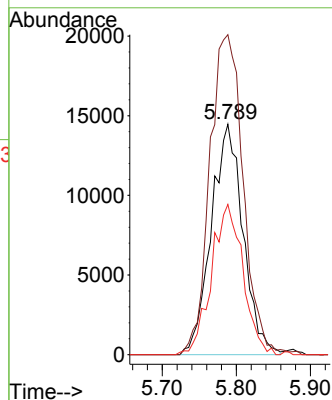
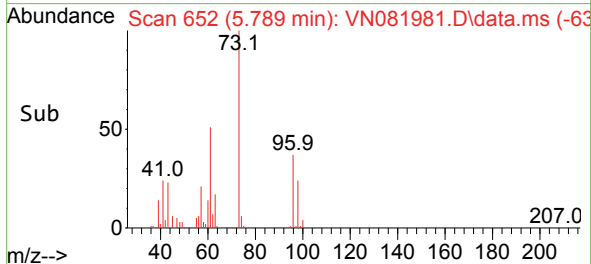


#19
trans-1,2-Dichloroethene
Concen: 19.550 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

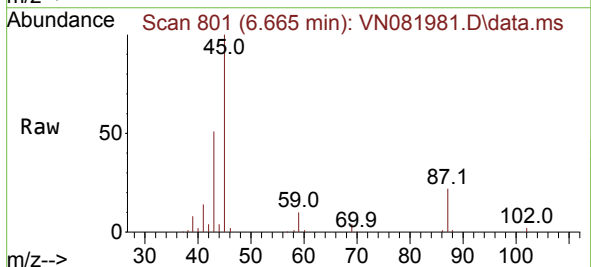
Instrument :
MSVOA_N
ClientSampleId :



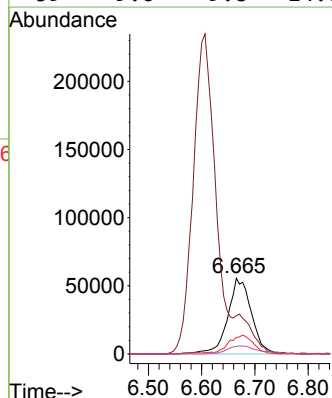
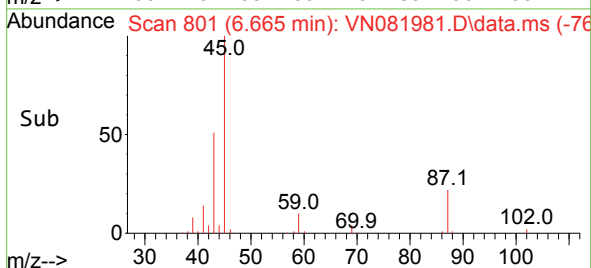
Tgt Ion: 96 Resp: 43066
Ion Ratio Lower Upper
96 100
61 138.9 111.8 167.6
98 65.3 49.2 73.8

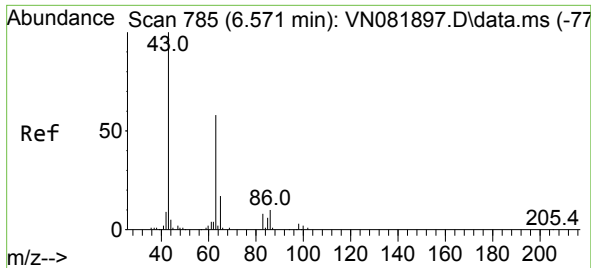


#20
Diisopropyl ether
Concen: 20.793 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13



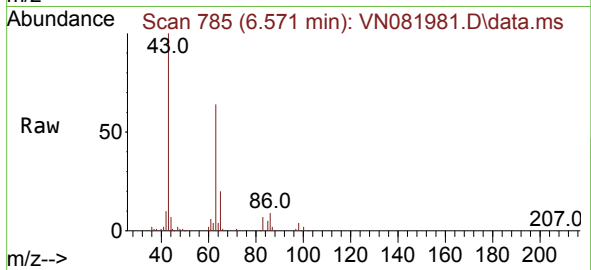
Tgt Ion: 45 Resp: 170933
Ion Ratio Lower Upper
45 100
43 48.6 40.4 60.6
87 22.1 23.8 35.8#
59 9.6 9.8 14.6#



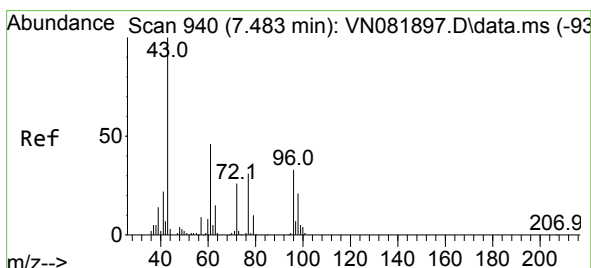
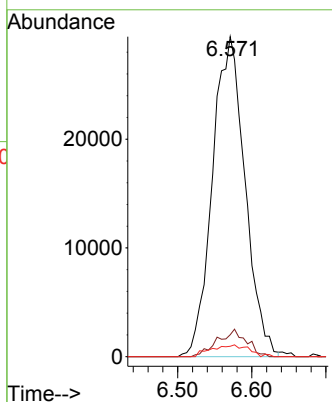
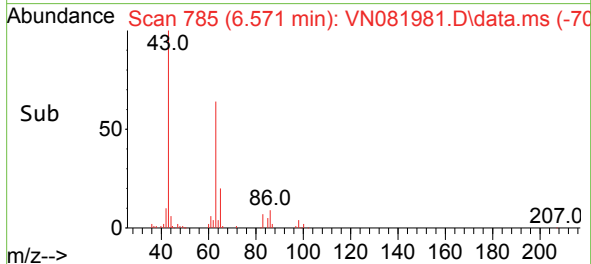


#21
 1,1-Dichloroethane
 Concen: 20.623 ug/l
 RT: 6.571 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

Instrument :
 MSVOA_N
 ClientSampleId :

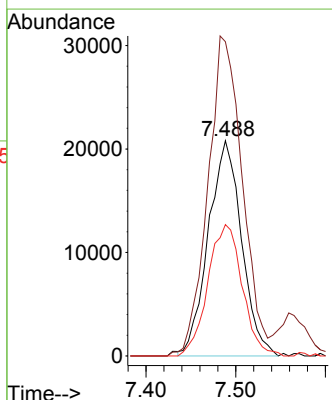
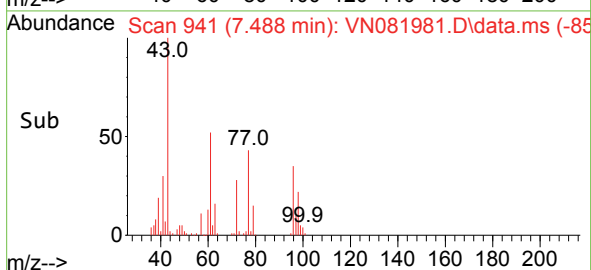
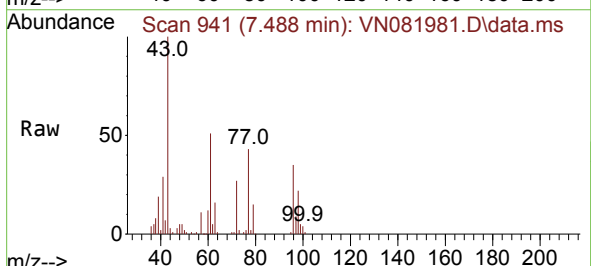


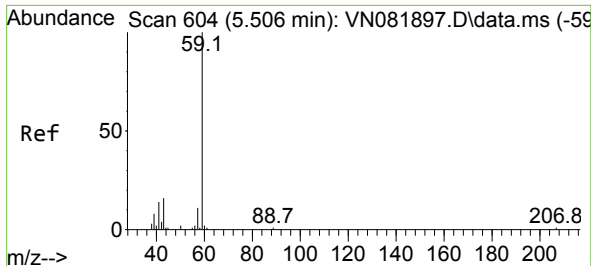
Tgt Ion: 63 Resp: 89769
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.1 12.3
 100 3.2 3.0 9.0



#22
 cis-1,2-Dichloroethene
 Concen: 19.953 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

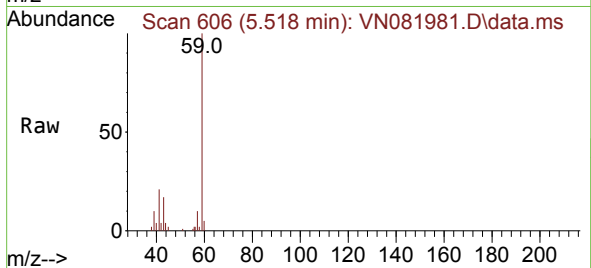
Tgt Ion: 96 Resp: 53561
 Ion Ratio Lower Upper
 96 100
 61 153.6 113.5 170.3
 98 63.0 52.0 78.0



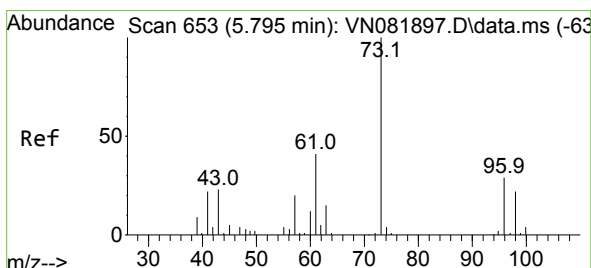
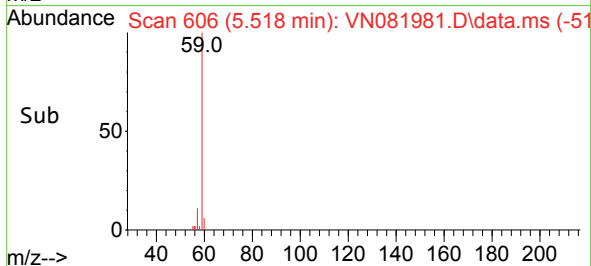
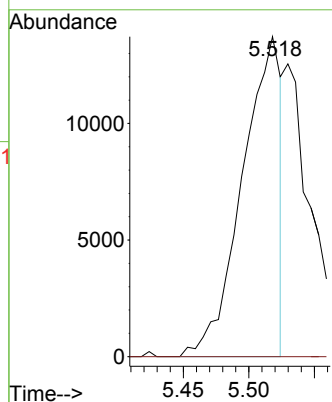


#23
tert-Butyl Alcohol
Concen: 56.531 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

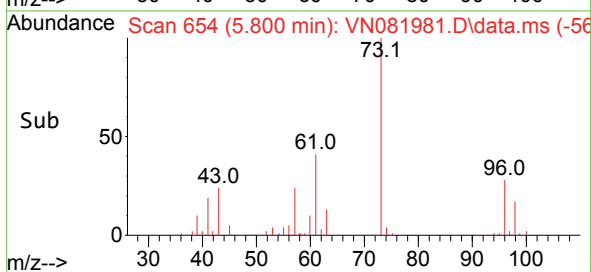
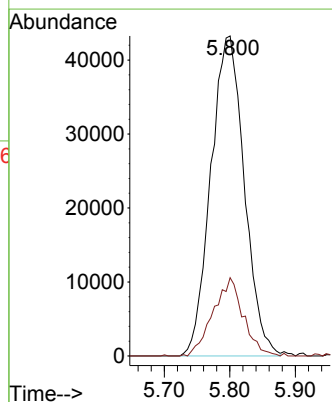
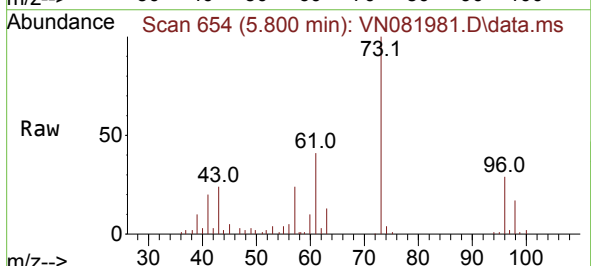


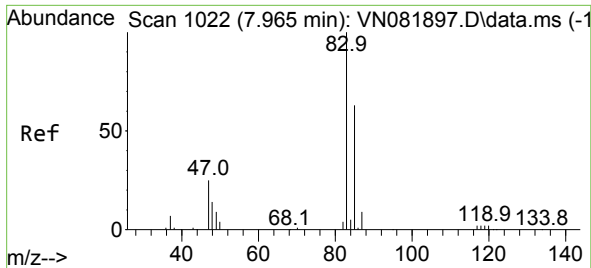
Tgt Ion: 59 Resp: 28162
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.089 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 73 Resp: 153276
Ion Ratio Lower Upper
73 100
43 22.0 13.4 20.2#

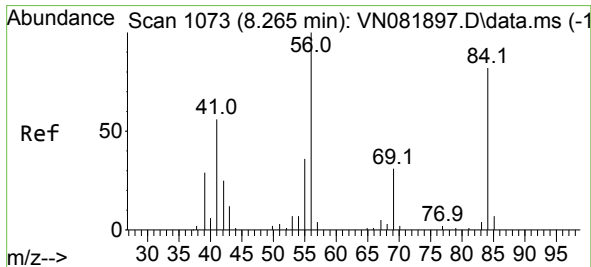
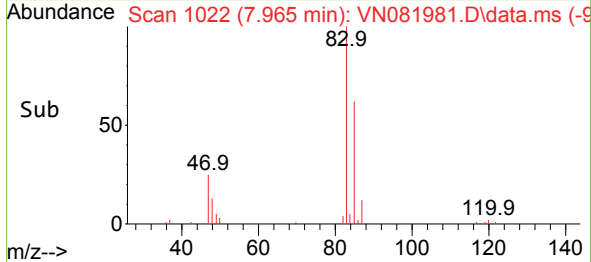
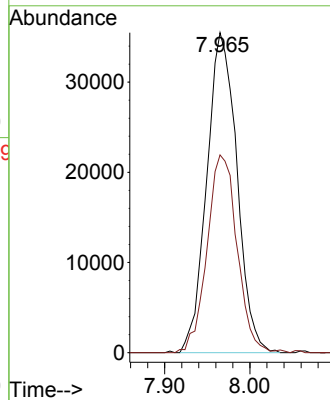
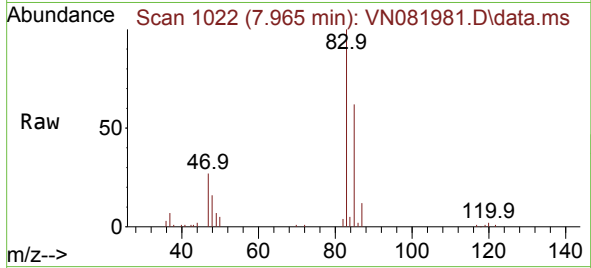




#25
Chloroform
Concen: 20.823 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

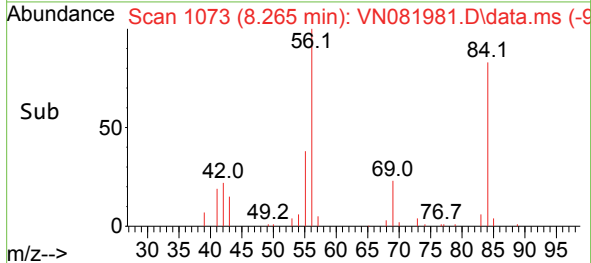
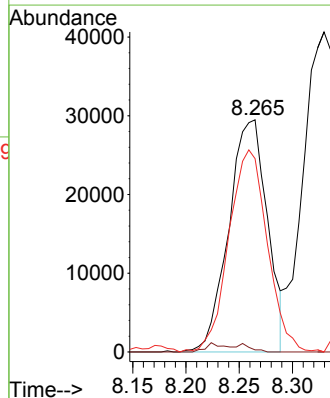
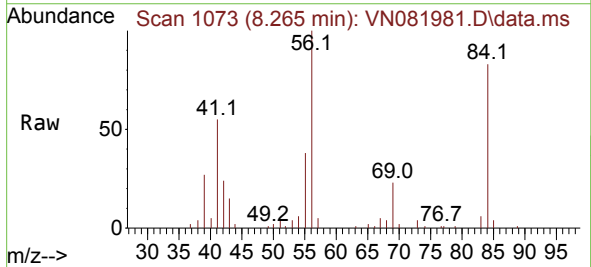
Instrument :
MSVOA_N
ClientSampleId :

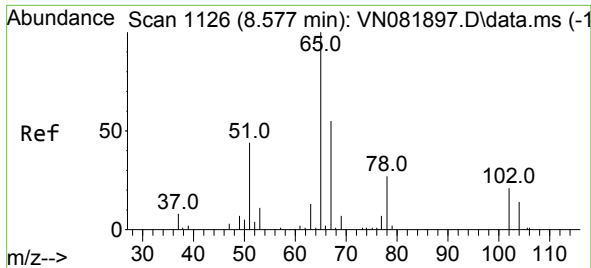
Tgt Ion: 83 Resp: 87201
Ion Ratio Lower Upper
83 100
85 61.0 50.9 76.3



#26
Cyclohexane
Concen: 19.767 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 56 Resp: 74406
Ion Ratio Lower Upper
56 100
89 1.0 19.3 28.9#
84 86.5 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 29.479 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

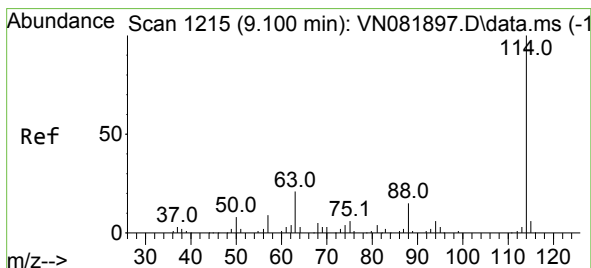
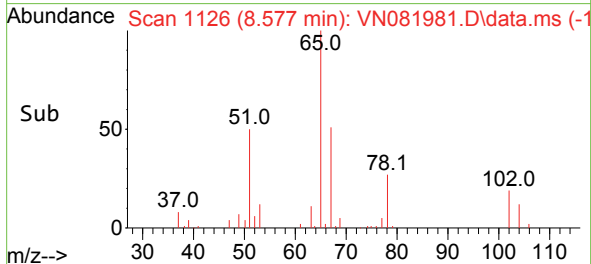
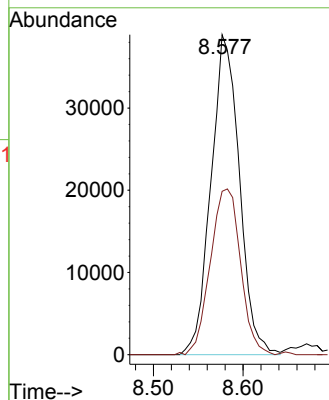
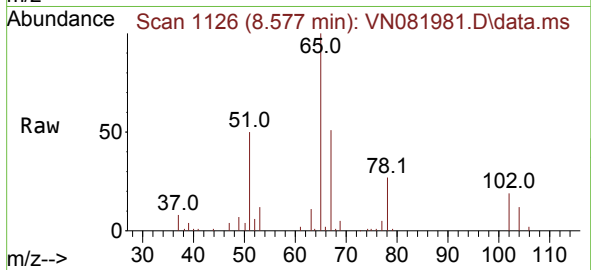
ClientSampleId :

Tgt Ion: 65 Resp: 85583

Ion Ratio Lower Upper

65 100

67 55.0 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

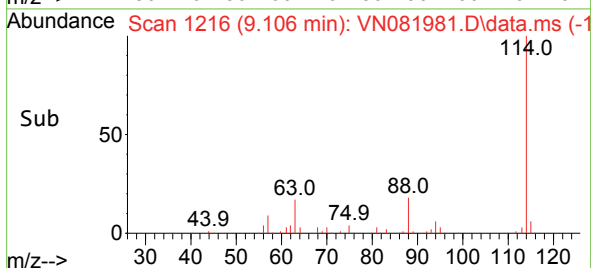
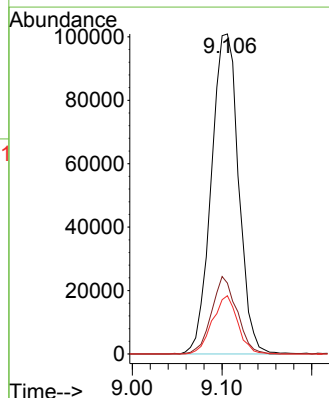
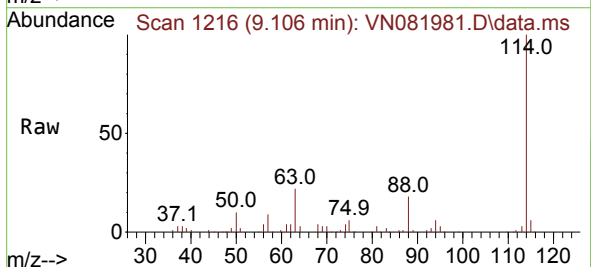
Tgt Ion: 114 Resp: 213250

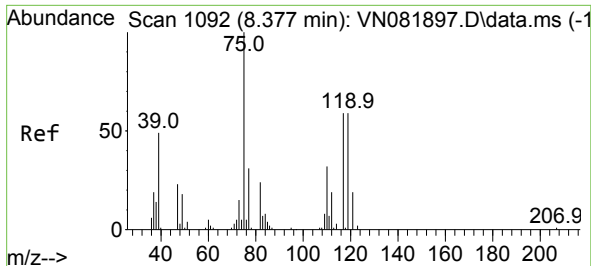
Ion Ratio Lower Upper

114 100

63 22.4 15.9 23.9

88 16.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 18.767 ug/l

RT: 8.371 min Scan# 1092

Delta R.T. -0.006 min

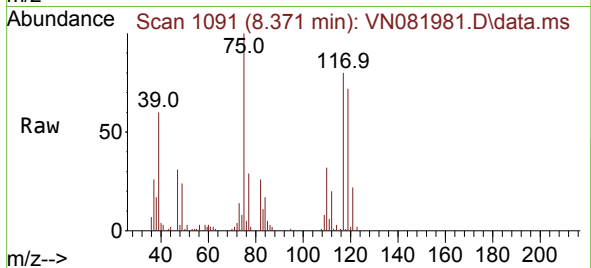
Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :



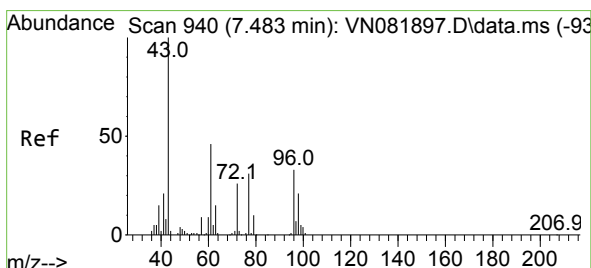
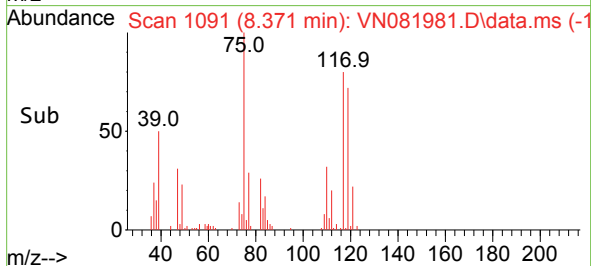
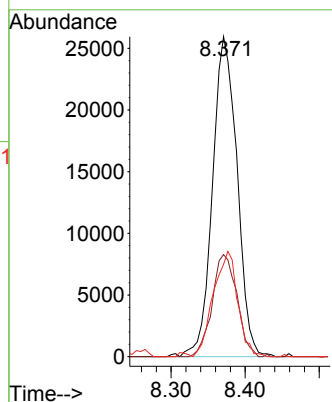
Tgt Ion: 75 Resp: 59582

Ion Ratio Lower Upper

75 100

110 32.3 0.0 70.2

77 32.4 0.0 61.4



#30

2-Butanone

Concen: 99.191 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

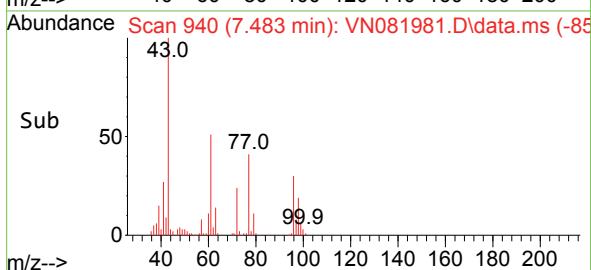
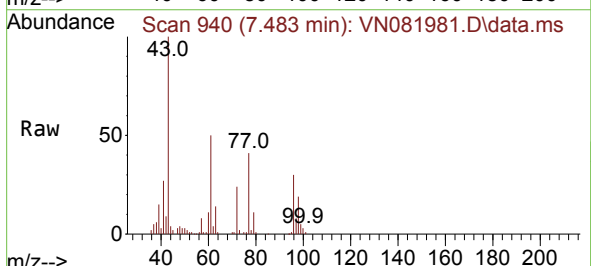
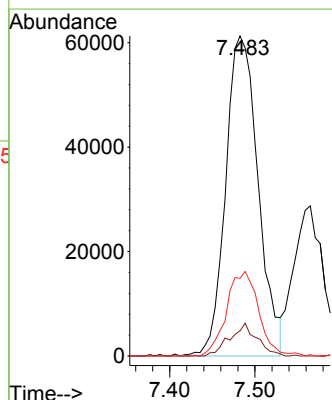
Tgt Ion: 43 Resp: 162327

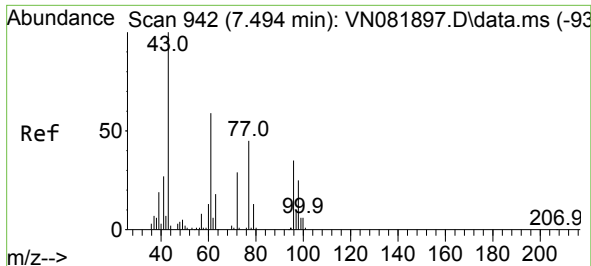
Ion Ratio Lower Upper

43 100

57 8.5 6.7 10.1

72 25.9 24.0 36.0





#31

2,2-Dichloropropane

Concen: 22.735 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.012 min

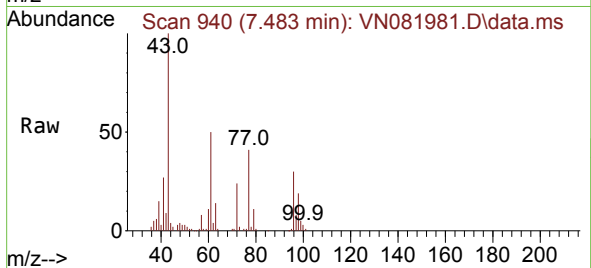
Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

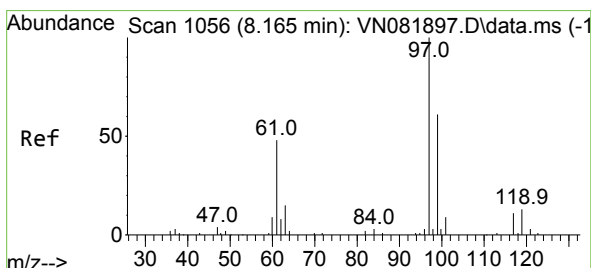
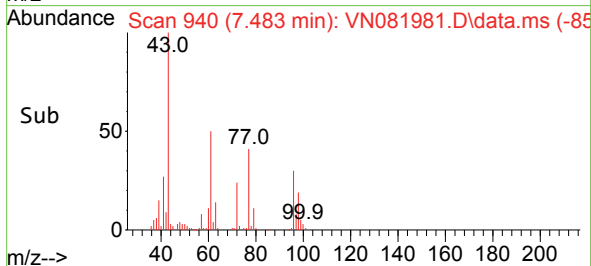
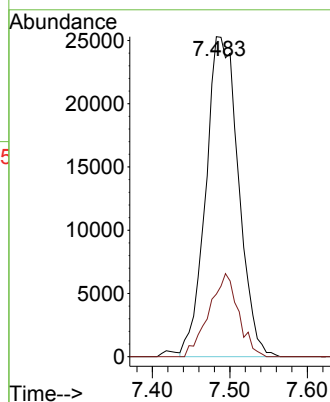


Tgt Ion: 77 Resp: 73967

Ion Ratio Lower Upper

77 100

97 23.4 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 19.502 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

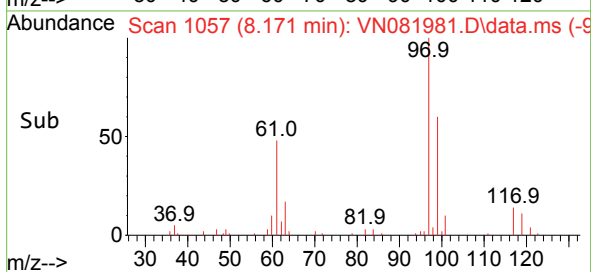
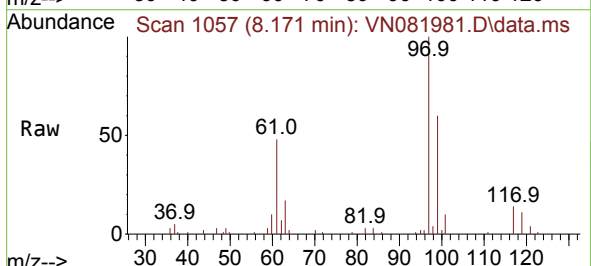
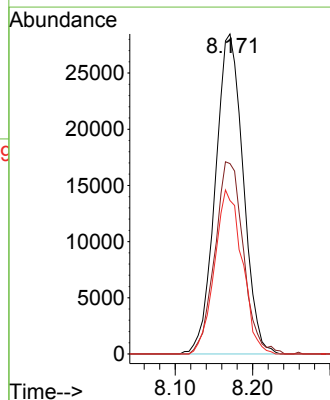
Tgt Ion: 97 Resp: 71207

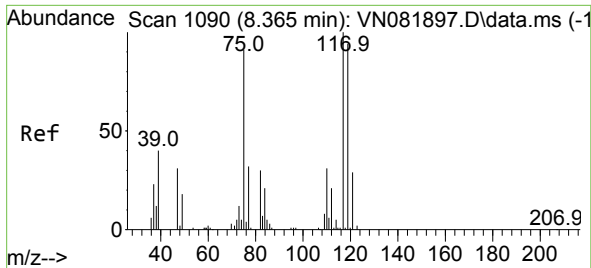
Ion Ratio Lower Upper

97 100

99 61.4 51.0 76.4

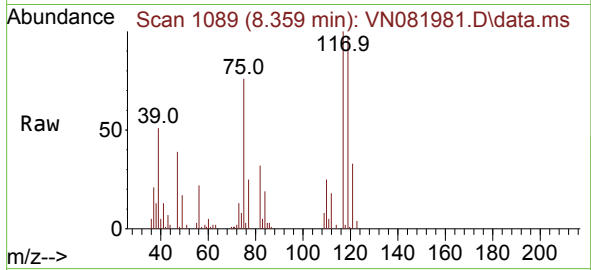
61 51.1 33.8 50.8#



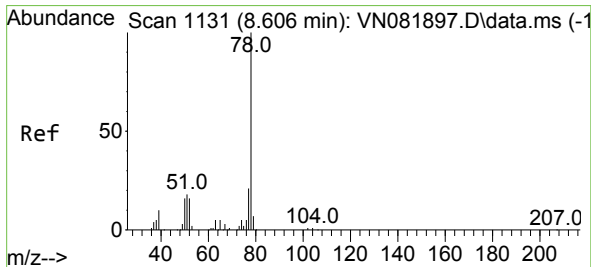
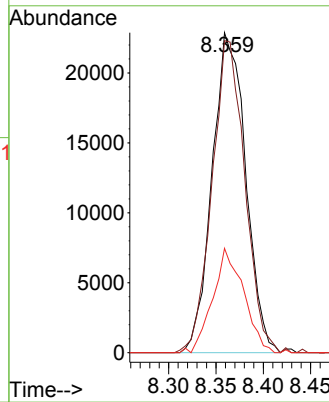
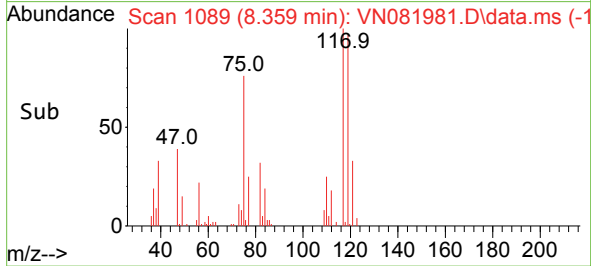


#33
Carbon Tetrachloride
Concen: 19.007 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

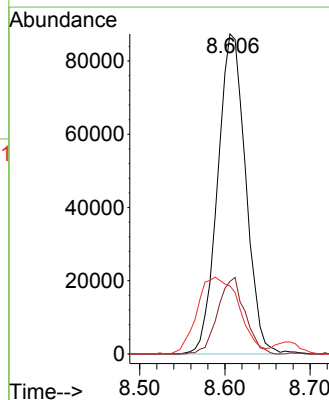
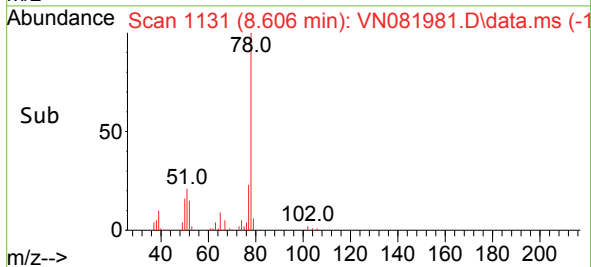
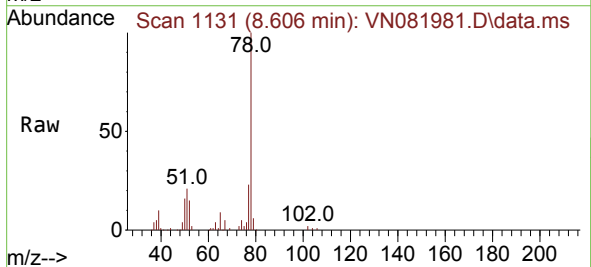


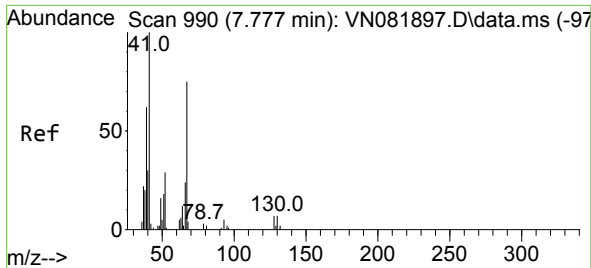
Tgt Ion:117 Resp: 56321
Ion Ratio Lower Upper
117 100
119 97.5 77.7 116.5
121 32.6 27.0 40.6



#34
Benzene
Concen: 19.717 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

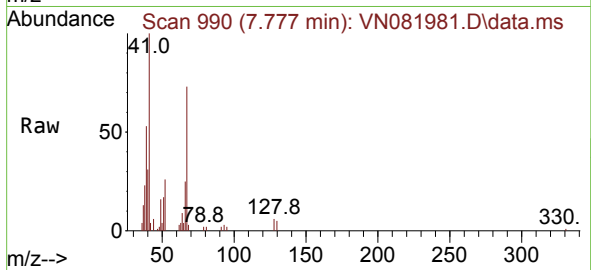
Tgt Ion: 78 Resp: 199698
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8
51 19.8 13.3 19.9



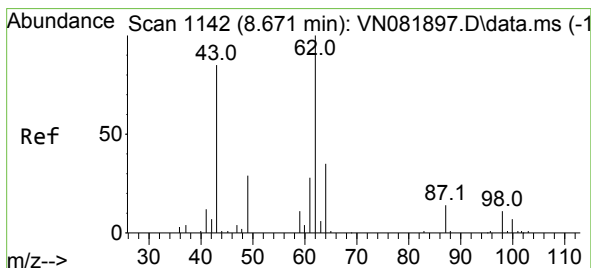
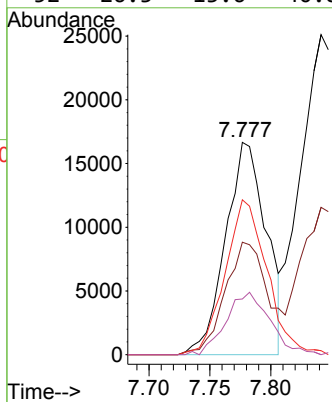
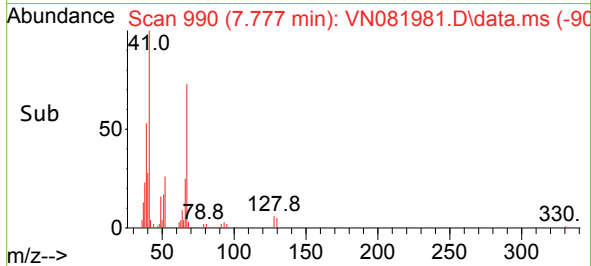


#35
Methacrylonitrile
Concen: 18.711 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

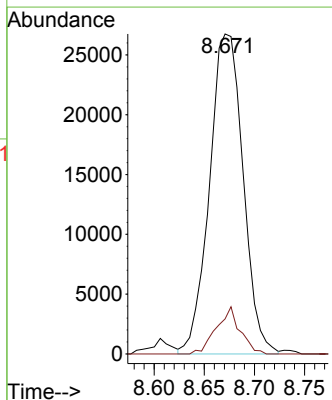
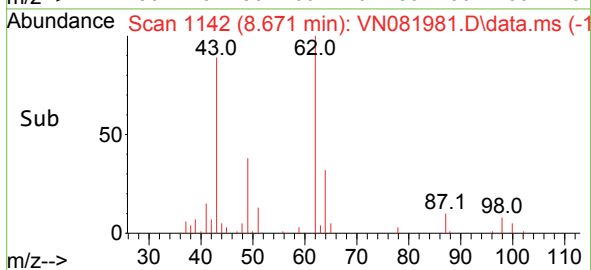
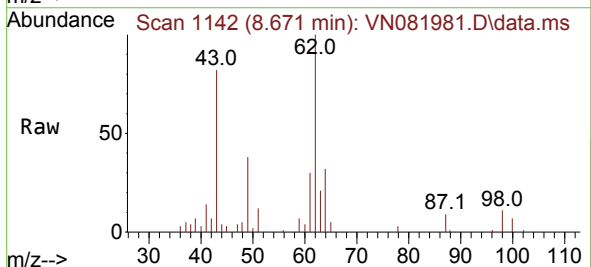


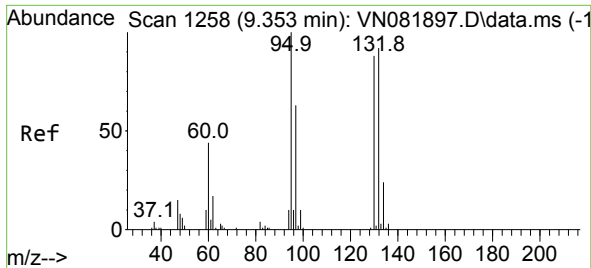
Tgt Ion:	41	Resp:	38739
Ion	Ratio	Lower	Upper
41	100		
39	53.0	25.3	75.9
67	72.9	38.7	116.1
52	26.3	13.6	40.8



#36
1,2-Dichloroethane
Concen: 18.355 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:	62	Resp:	62406
Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.2	12.4

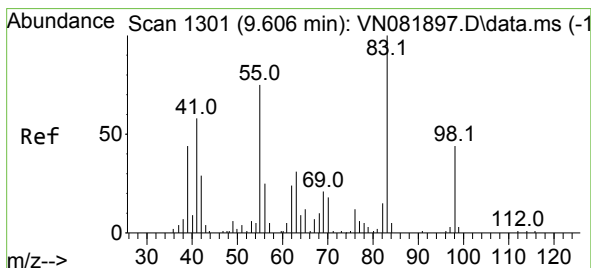
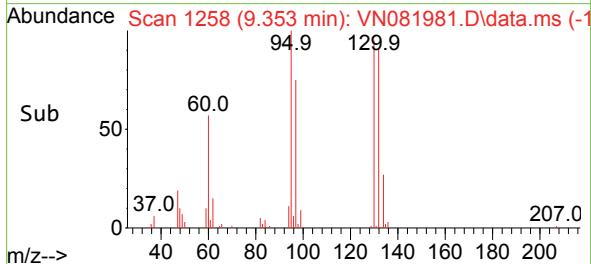
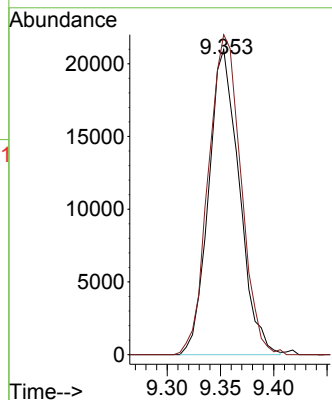
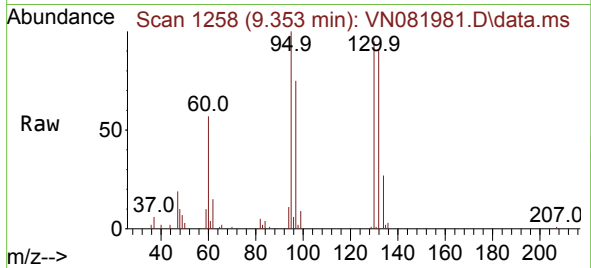




#37
Trichloroethene
Concen: 16.898 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

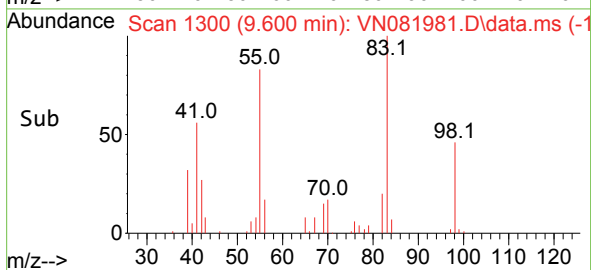
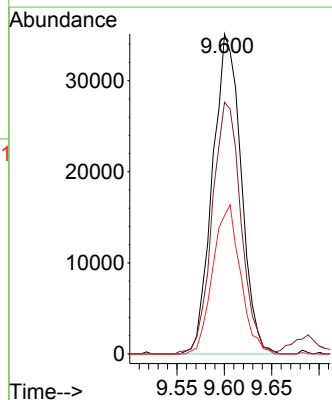
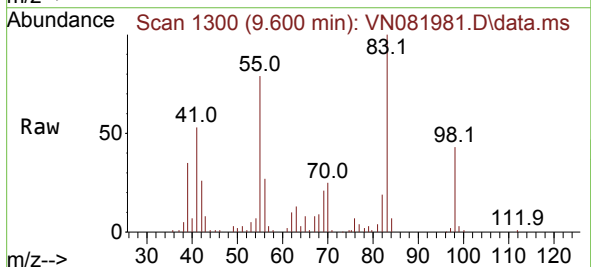
Instrument :
MSVOA_N
ClientSampleId :

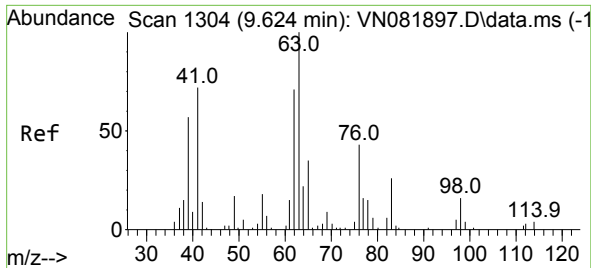
Tgt Ion:130 Resp: 41919
Ion Ratio Lower Upper
130 100
95 104.1 80.2 120.4



#38
Methylcyclohexane
Concen: 19.196 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 83 Resp: 73622
Ion Ratio Lower Upper
83 100
55 79.3 36.6 109.9
98 45.1 23.8 71.5

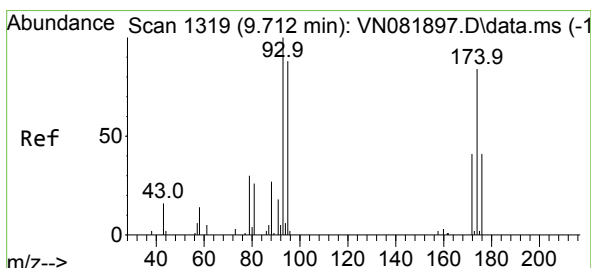
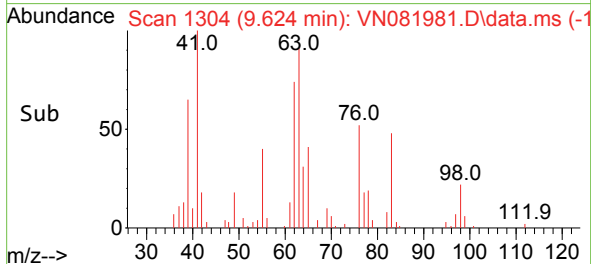
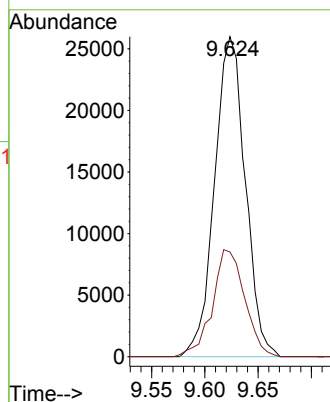
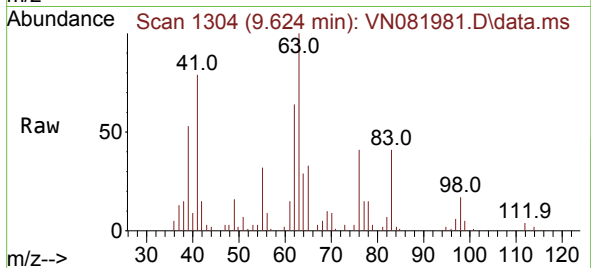




#39
1,2-Dichloropropane
Concen: 20.053 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

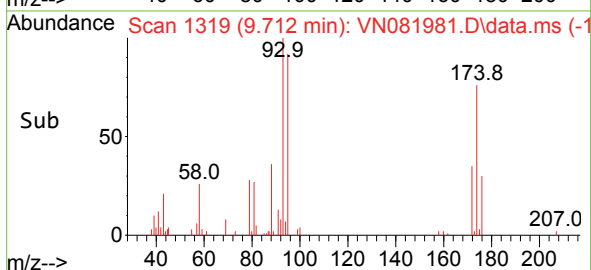
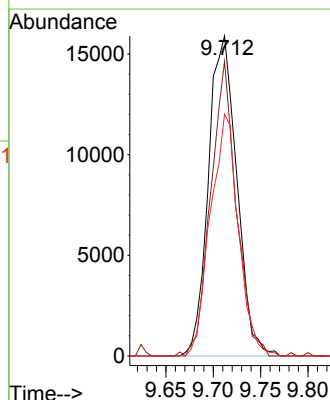
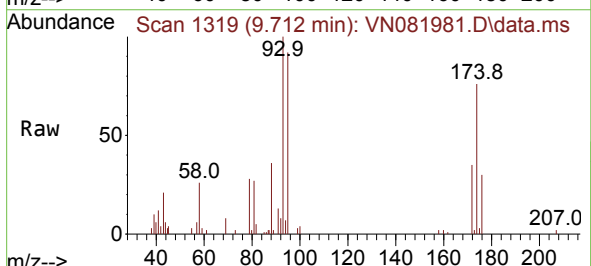
Instrument :
MSVOA_N
ClientSampleId :

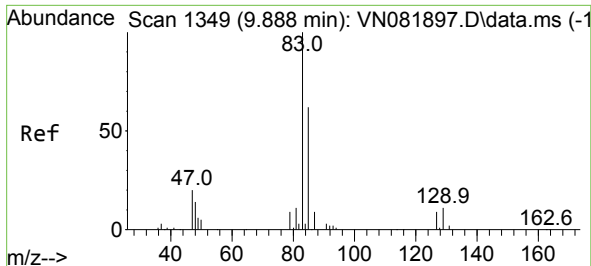
Tgt Ion: 63 Resp: 52114
Ion Ratio Lower Upper
63 100
65 32.7 25.0 37.4



#40
Dibromomethane
Concen: 19.869 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 93 Resp: 33172
Ion Ratio Lower Upper
93 100
95 82.2 0.0 164.6
174 74.5 0.0 193.2

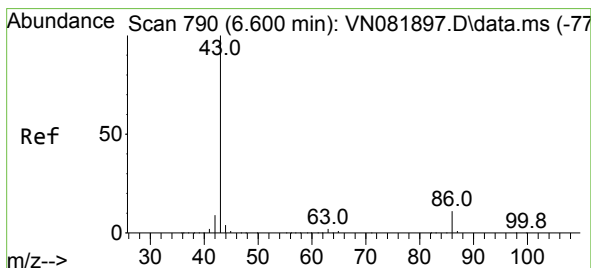
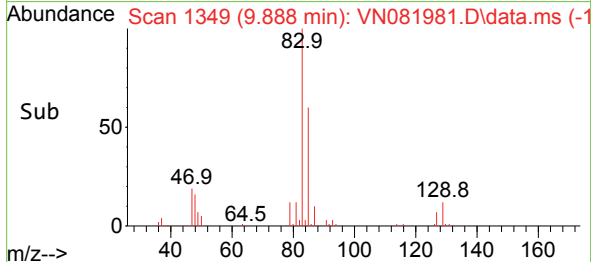
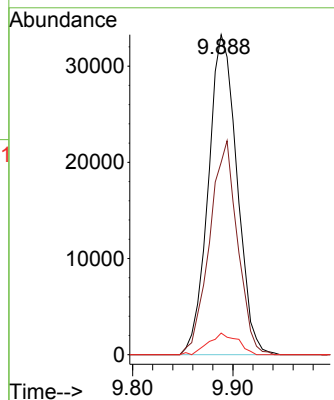
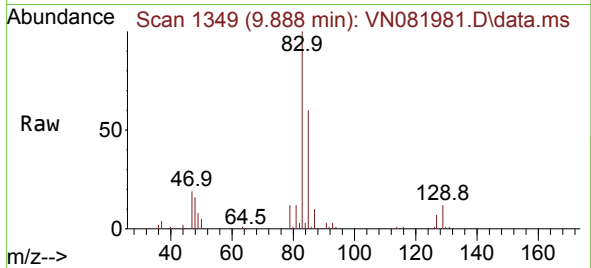




#41
Bromodichloromethane
Concen: 18.548 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

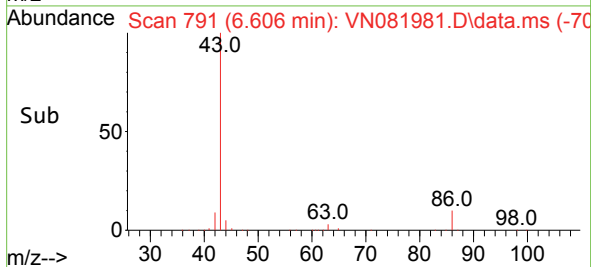
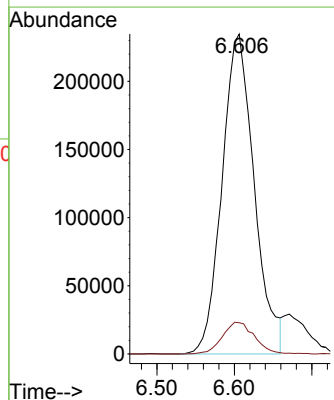
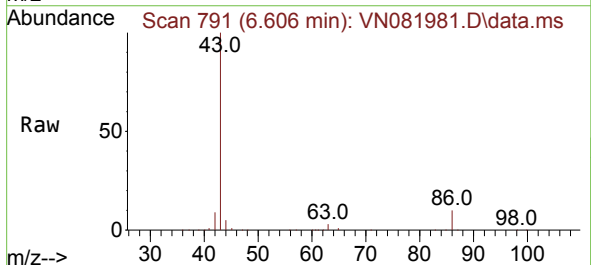
Instrument :
MSVOA_N
ClientSampleId :

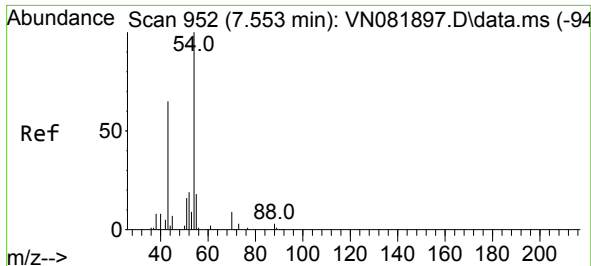
Tgt Ion: 83 Resp: 66186
Ion Ratio Lower Upper
83 100
85 60.1 49.4 74.2
127 6.8 7.3 10.9#



#42
Vinyl Acetate
Concen: 97.508 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 43 Resp: 679192
Ion Ratio Lower Upper
43 100
86 9.9 9.4 14.2

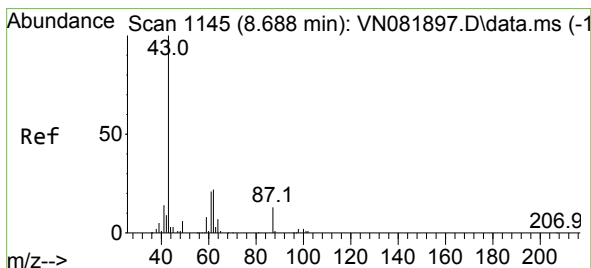
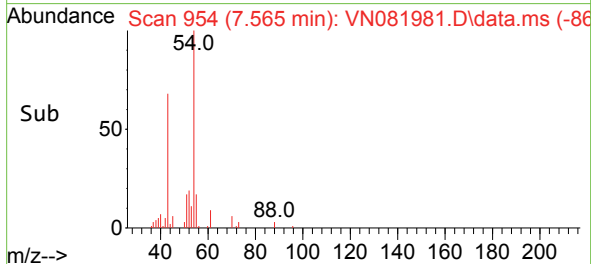
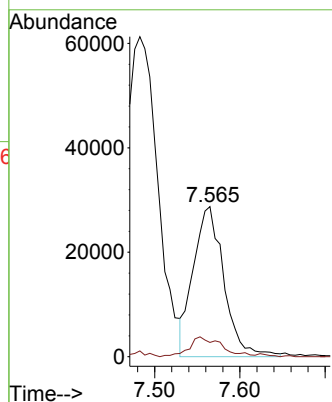
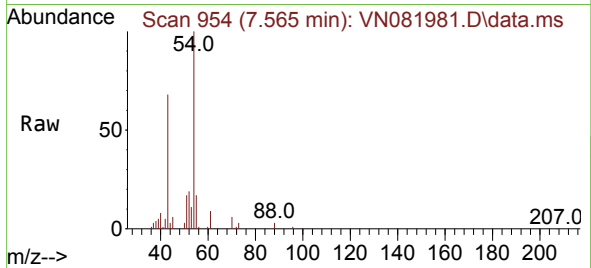




#43
Ethyl Acetate
Concen: 20.087 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

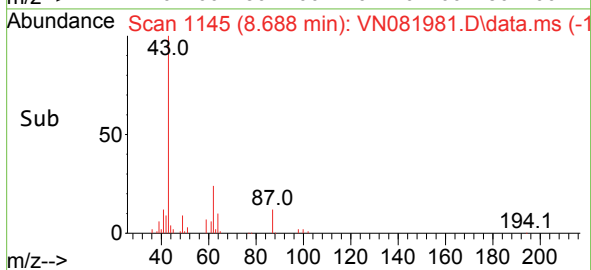
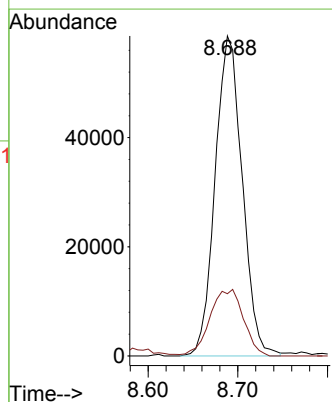
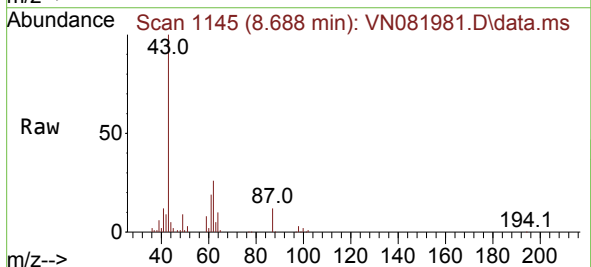
Instrument :
MSVOA_N
ClientSampleId :

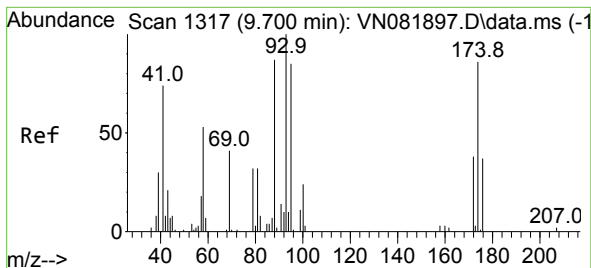
Tgt Ion: 43 Resp: 71671
Ion Ratio Lower Upper
43 100
45 8.6 10.6 15.8#



#44
Isopropyl Acetate
Concen: 19.420 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 43 Resp: 123021
Ion Ratio Lower Upper
43 100
61 25.7 25.0 37.4





#45

1,4-Dioxane

Concen: 407.470 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

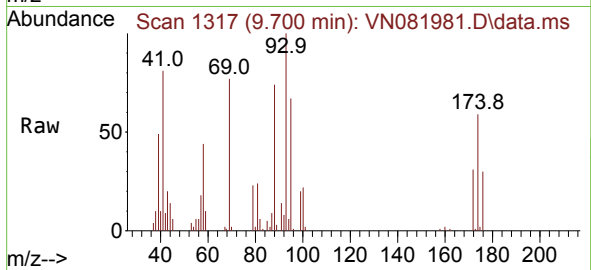
Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :



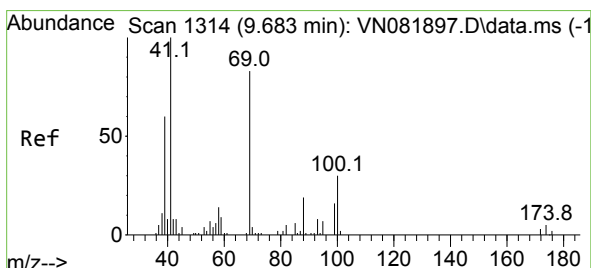
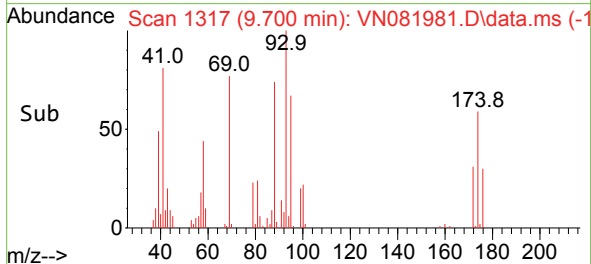
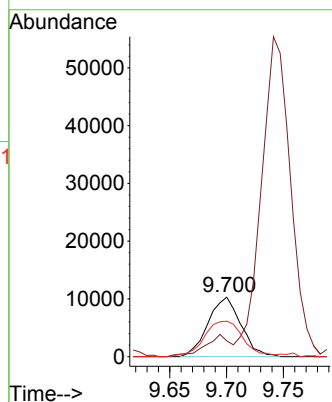
Tgt Ion: 88 Resp: 20700

Ion Ratio Lower Upper

88 100

43 28.5 19.8 29.6

58 70.1 55.4 83.0



#46

Methyl methacrylate

Concen: 19.581 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

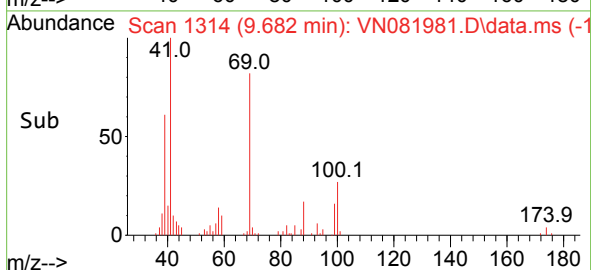
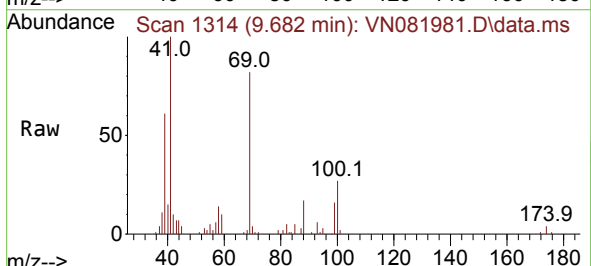
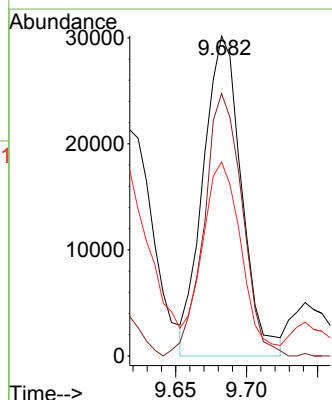
Tgt Ion: 41 Resp: 56669

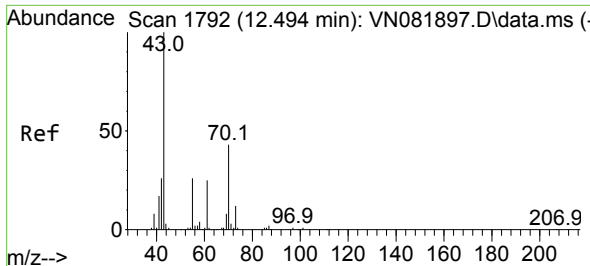
Ion Ratio Lower Upper

41 100

69 85.2 51.1 153.3

39 60.7 25.8 77.3

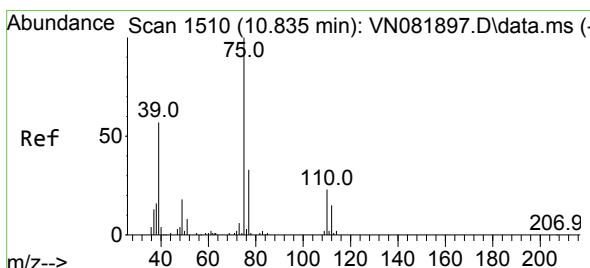
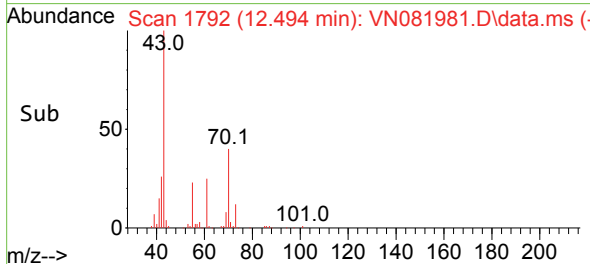
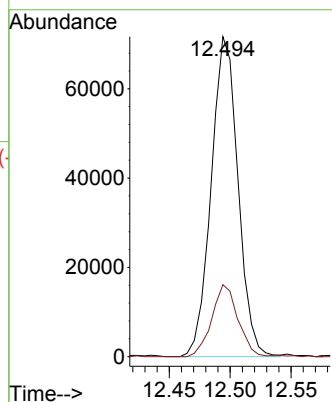
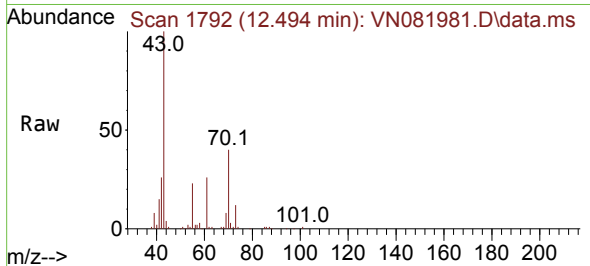




#47
n-amy1 Acetate
Concen: 19.240 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

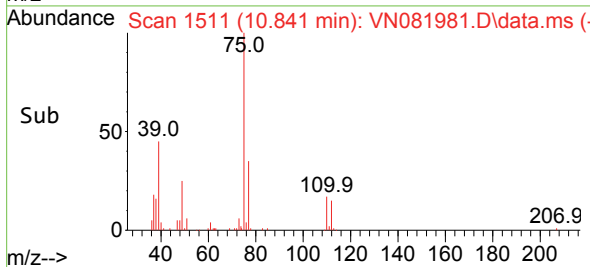
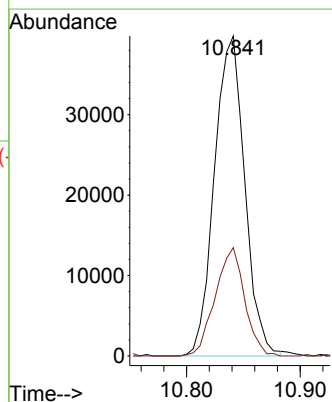
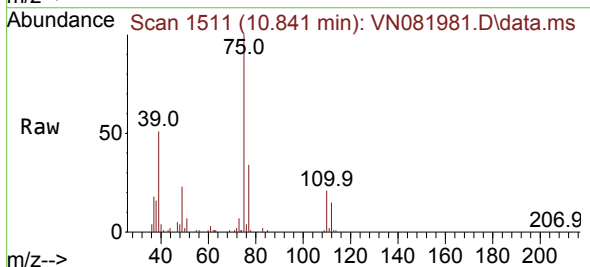
Instrument :
MSVOA_N
ClientSampleId :

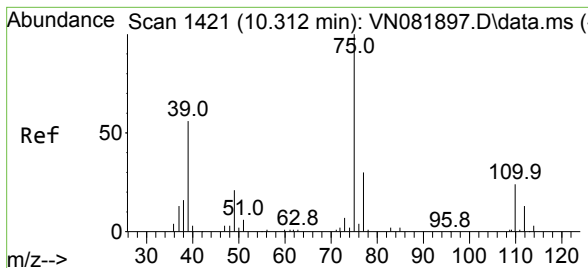
Tgt Ion: 43 Resp: 109929
Ion Ratio Lower Upper
43 100
55 21.9 23.4 35.2#



#48
t-1,3-Dichloropropene
Concen: 19.045 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

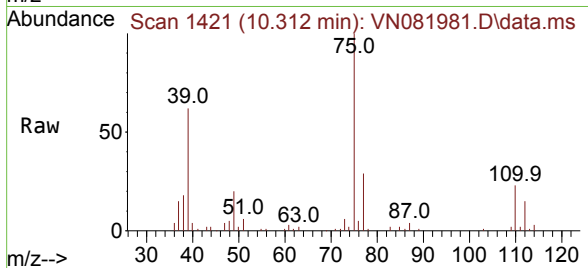
Tgt Ion: 75 Resp: 73699
Ion Ratio Lower Upper
75 100
77 33.9 23.8 35.6



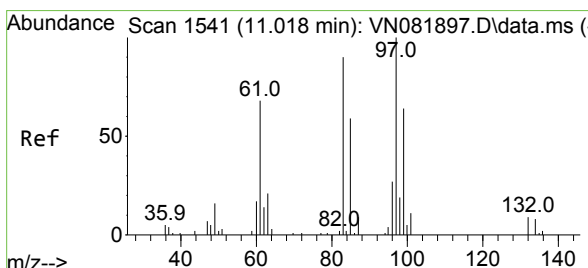
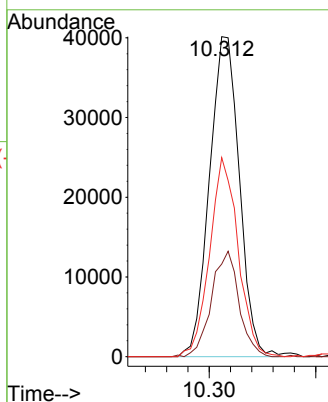
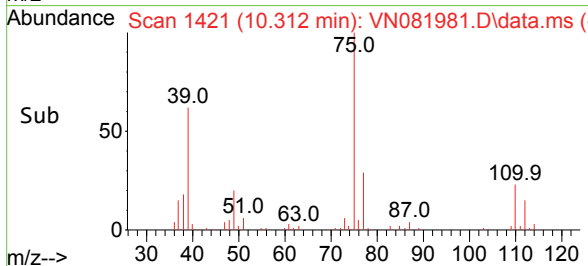


#49
 cis-1,3-Dichloropropene
 Concen: 19.128 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

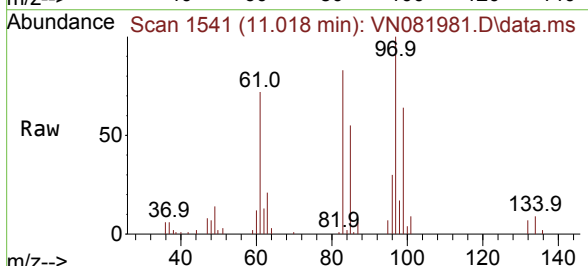
Instrument :
 MSVOA_N
 ClientSampleId :



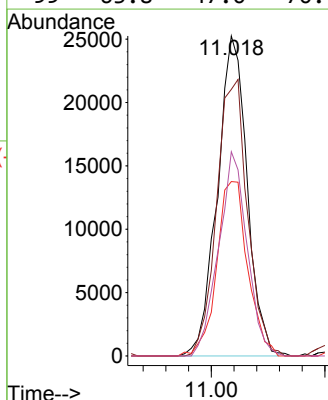
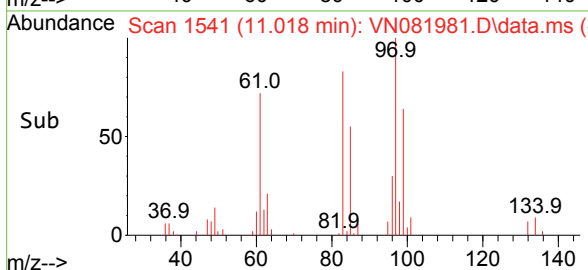
Tgt Ion: 75 Resp: 78260
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.9 37.3
 39 62.2 31.0 46.6#

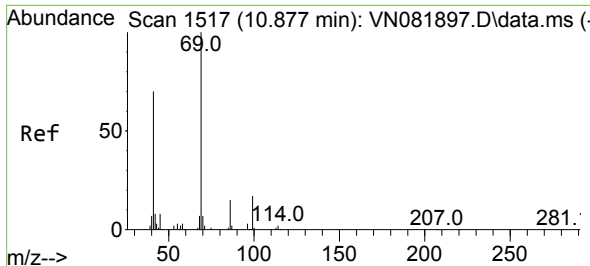


#50
 1,1,2-Trichloroethane
 Concen: 20.232 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13



Tgt Ion: 97 Resp: 45827
 Ion Ratio Lower Upper
 97 100
 83 83.3 68.1 102.1
 85 54.5 41.8 62.6
 99 63.8 47.0 70.4

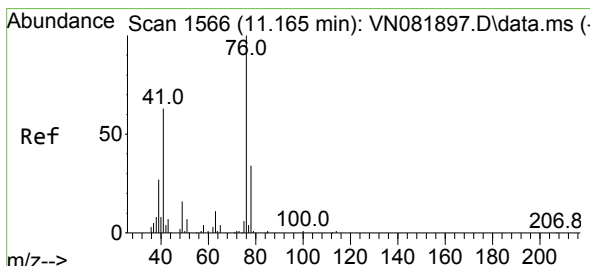
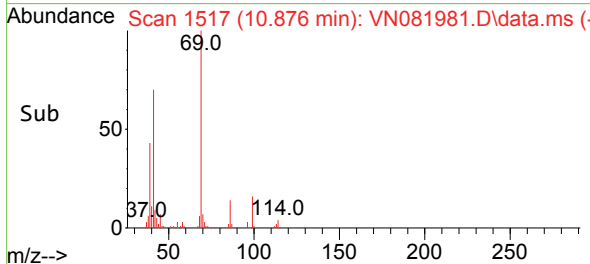
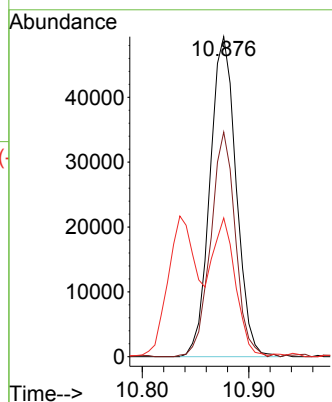
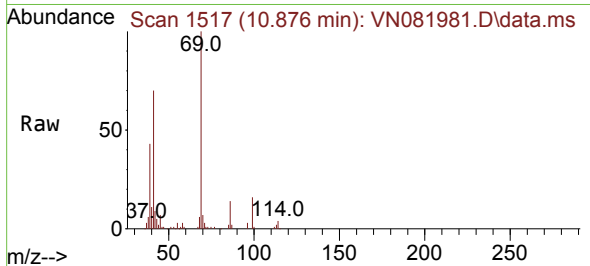




#51
Ethyl methacrylate
Concen: 19.645 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

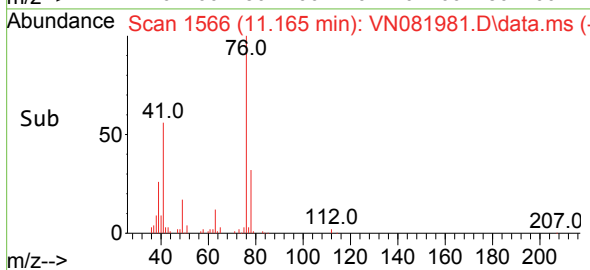
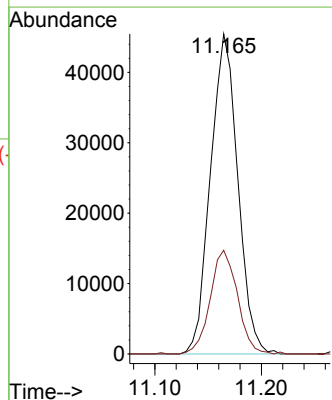
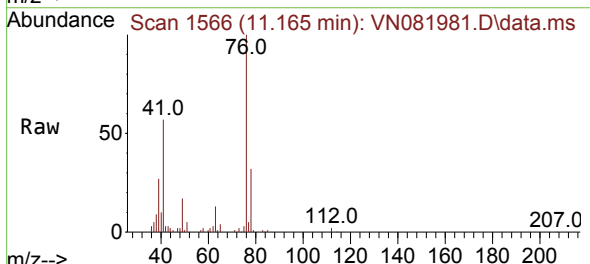
Instrument :
MSVOA_N
ClientSampleId :

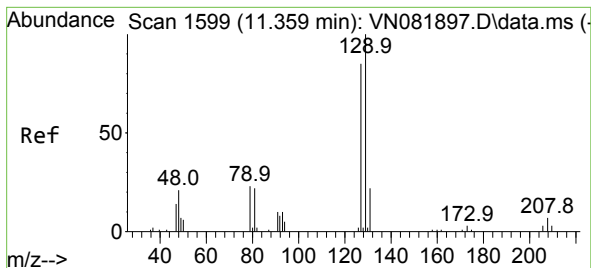
Tgt Ion: 69 Resp: 83981
Ion Ratio Lower Upper
69 100
41 70.2 25.5 76.5
39 42.6 16.0 47.9



#52
1,3-Dichloropropane
Concen: 19.482 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 76 Resp: 81072
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.8





#53

Dibromochloromethane

Concen: 18.568 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

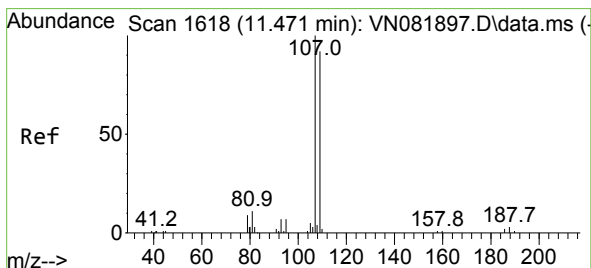
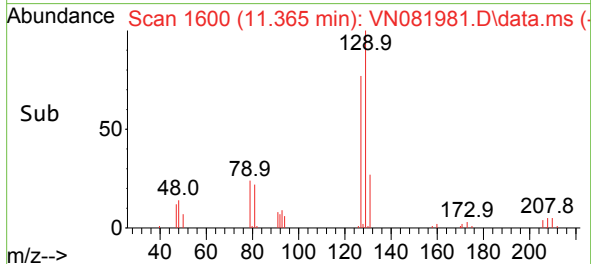
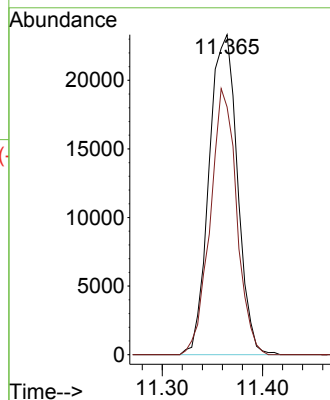
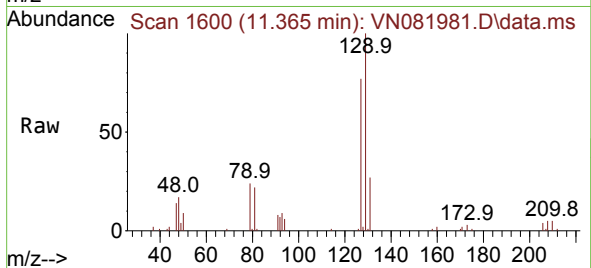
ClientSampleId :

Tgt Ion:129 Resp: 45758

Ion Ratio Lower Upper

129 100

127 77.4 39.4 118.1



#54

1,2-Dibromoethane

Concen: 19.997 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN081981.D

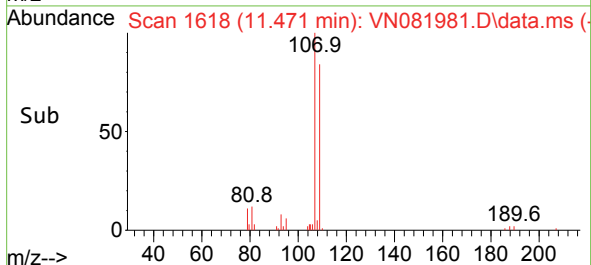
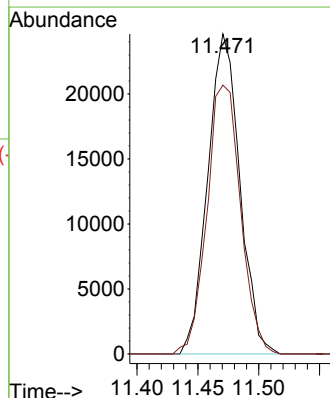
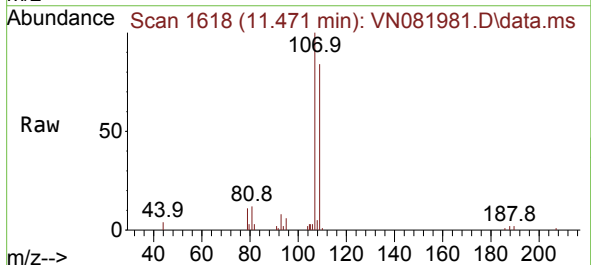
Acq: 02 May 2024 17:13

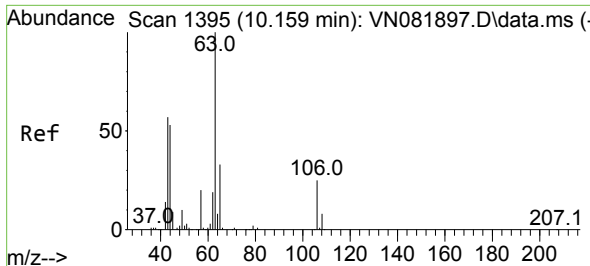
Tgt Ion:107 Resp: 45172

Ion Ratio Lower Upper

107 100

109 87.9 74.7 112.1

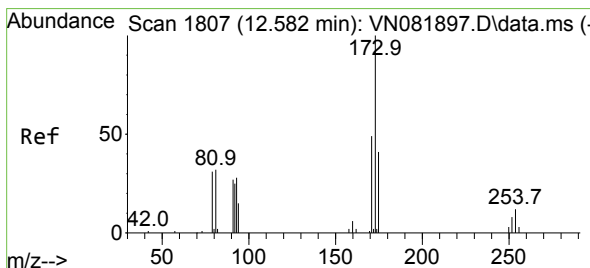
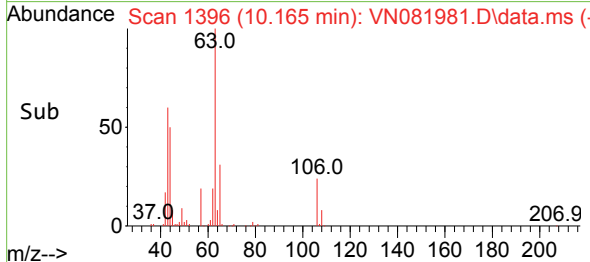
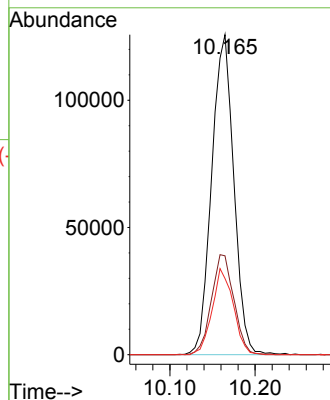
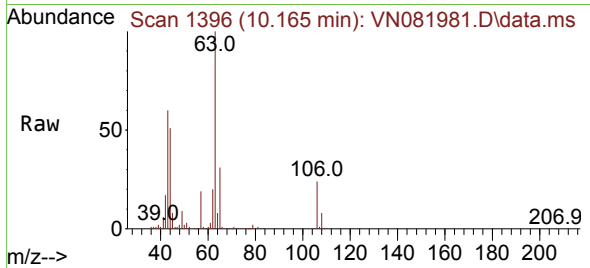




#55
2-Chloroethyl vinyl ether
Concen: 106.100 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

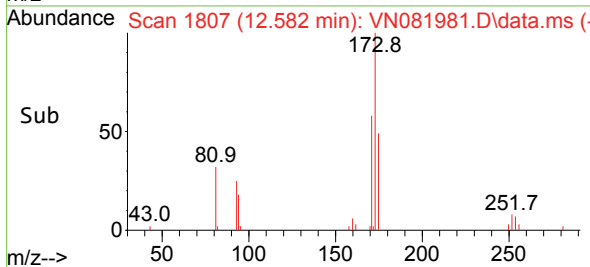
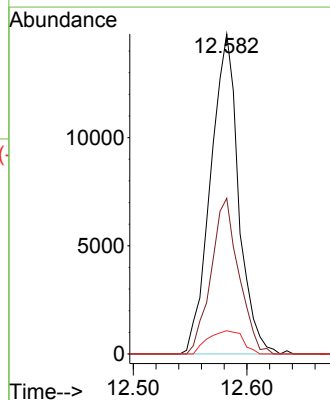
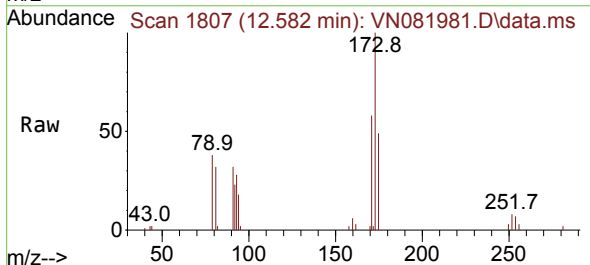
Instrument :
MSVOA_N
ClientSampleId :

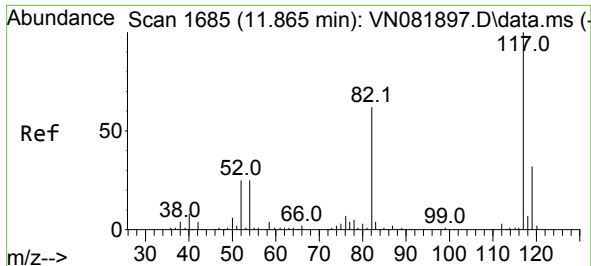
Tgt Ion: 63 Resp: 226809
Ion Ratio Lower Upper
63 100
65 31.8 26.2 39.2
106 25.8 23.8 35.8



#56
Bromoform
Concen: 16.886 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

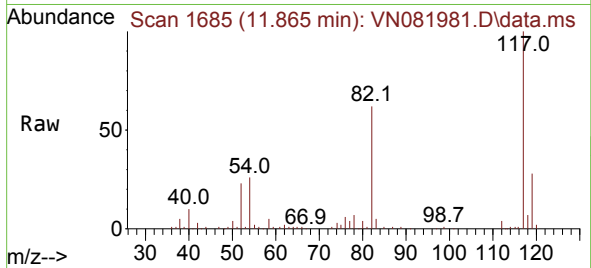
Tgt Ion:173 Resp: 25327
Ion Ratio Lower Upper
173 100
175 48.2 40.0 60.0
254 9.0 8.3 12.5



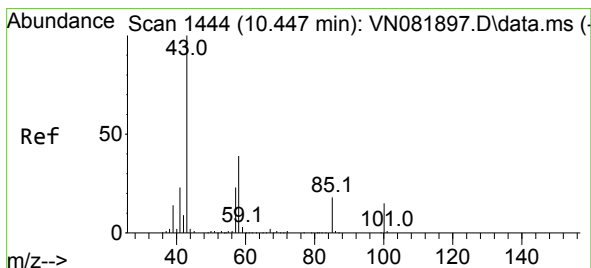
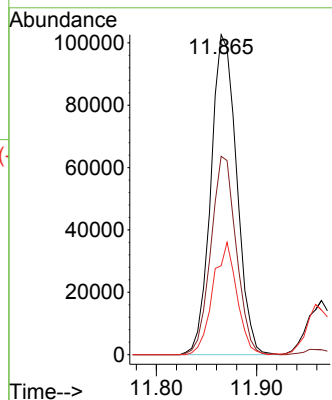
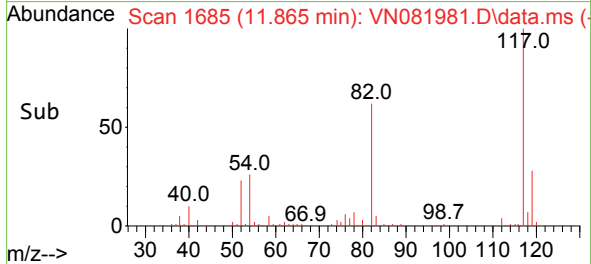


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

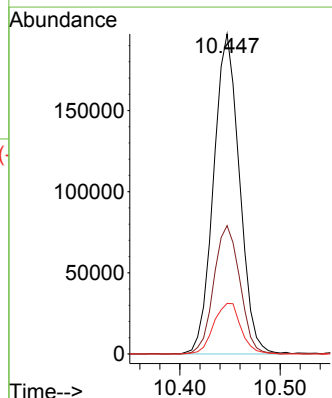
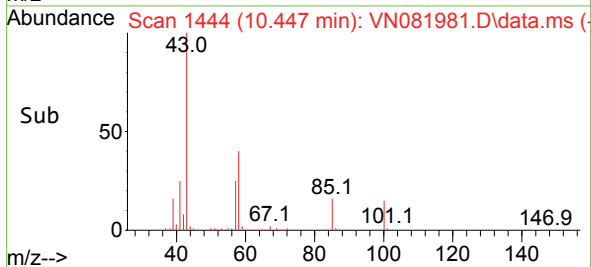
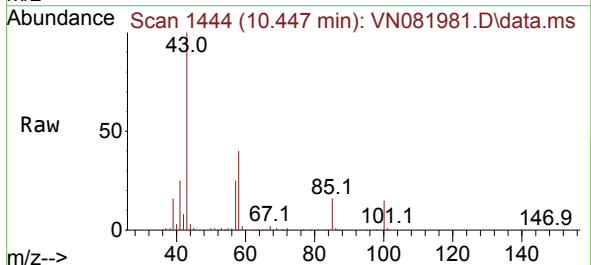


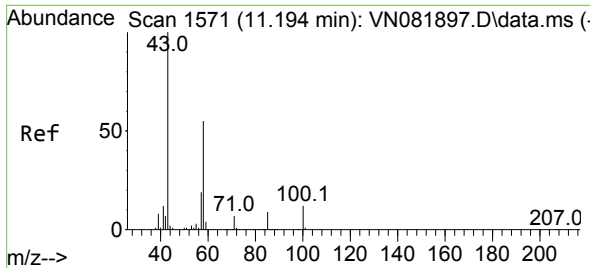
Tgt Ion:117 Resp: 183298
Ion Ratio Lower Upper
117 100
82 61.0 46.6 69.8
119 32.7 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 99.419 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 43 Resp: 353840
Ion Ratio Lower Upper
43 100
58 40.5 36.5 54.7
85 16.6 19.5 29.3#

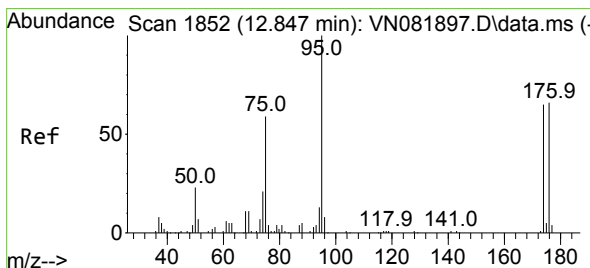
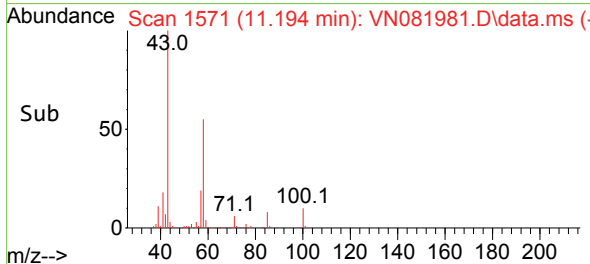
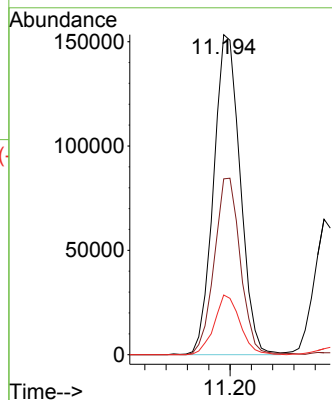
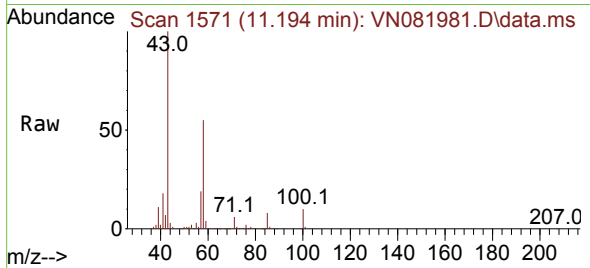




#59
2-Hexanone
Concen: 100.667 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

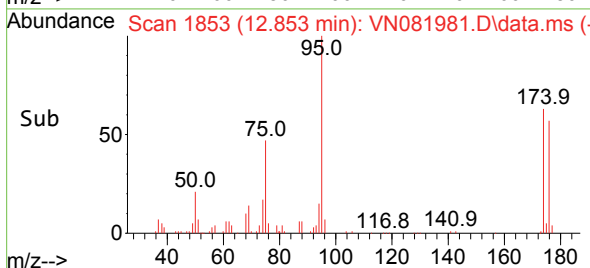
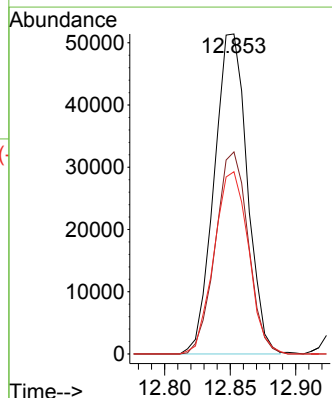
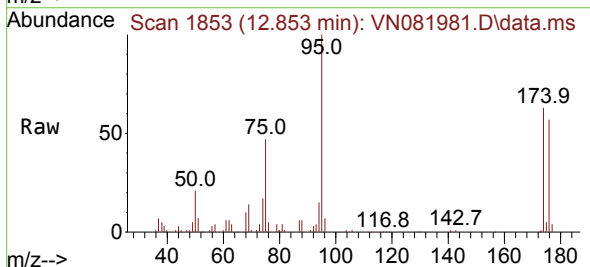
Instrument :
MSVOA_N
ClientSampleId :

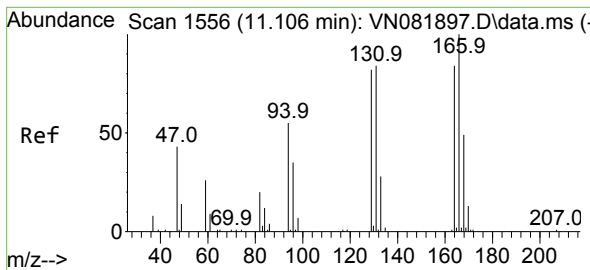
Tgt Ion: 43 Resp: 265646
Ion Ratio Lower Upper
43 100
58 54.1 50.4 75.6
57 18.1 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 29.583 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 95 Resp: 90242
Ion Ratio Lower Upper
95 100
174 62.6 60.5 90.7
176 59.3 57.8 86.6





#61

Tetrachloroethene

Concen: 17.916 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

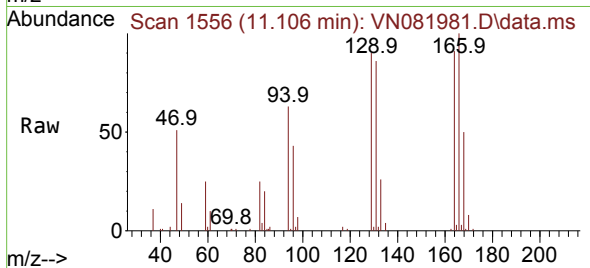
Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 36440

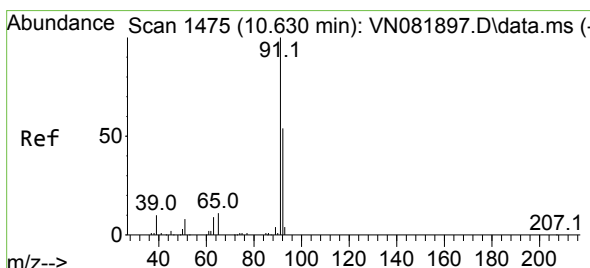
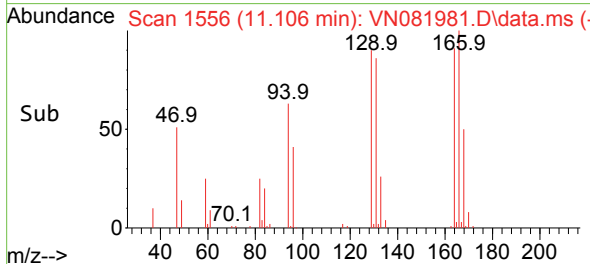
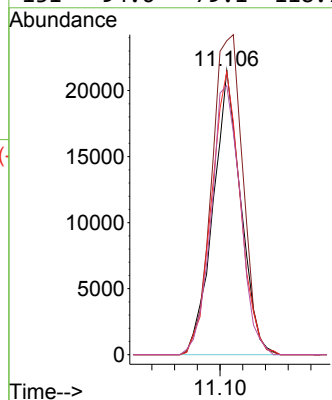
Ion Ratio Lower Upper

164 100

166 110.4 106.7 160.1

129 99.5 85.8 128.6

131 94.6 79.1 118.7



#62

Toluene

Concen: 20.046 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081981.D

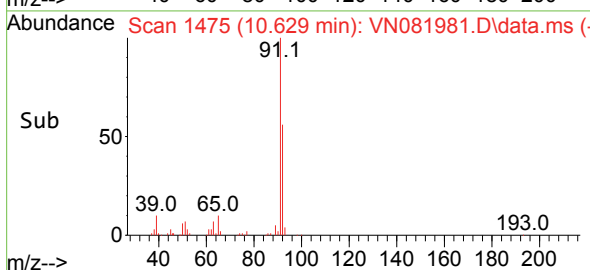
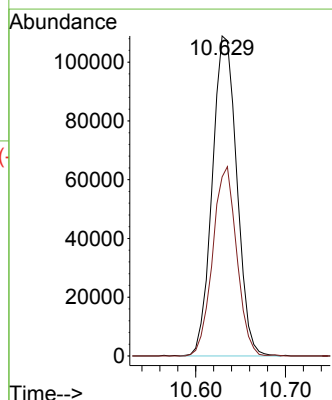
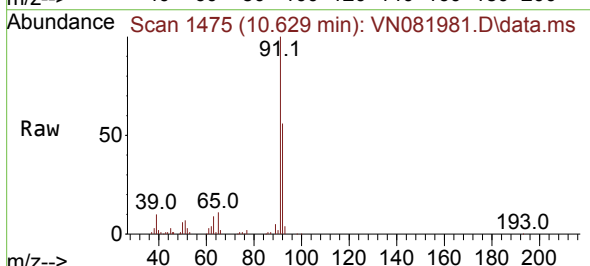
Acq: 02 May 2024 17:13

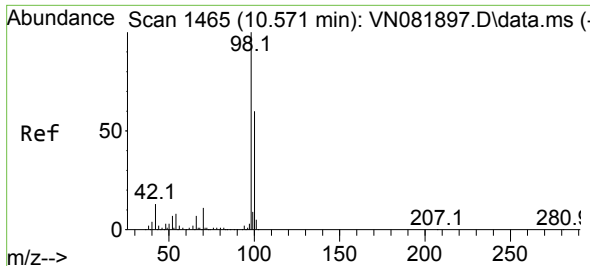
Tgt Ion: 91 Resp: 206742

Ion Ratio Lower Upper

91 100

92 57.9 46.5 69.7

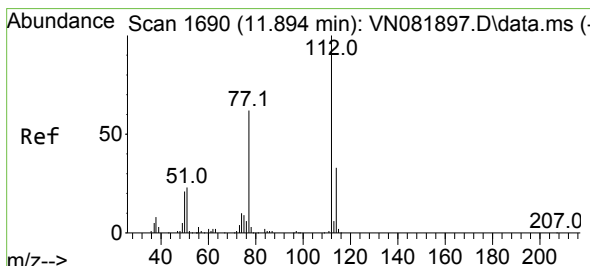
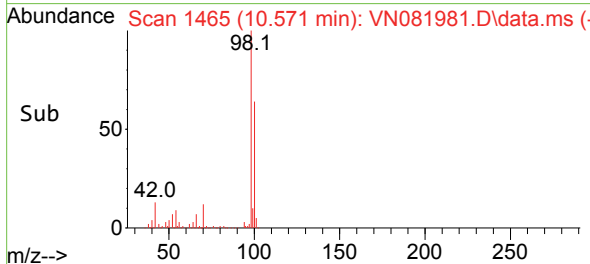
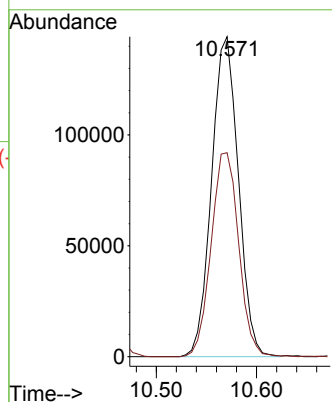
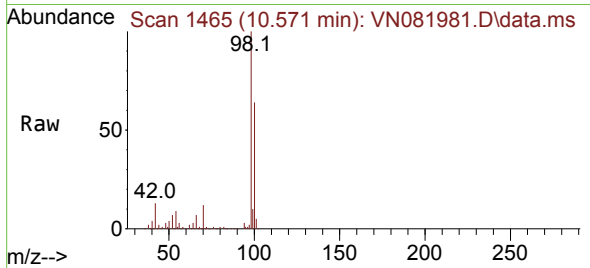




#63
Toluene-d8
Concen: 30.777 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

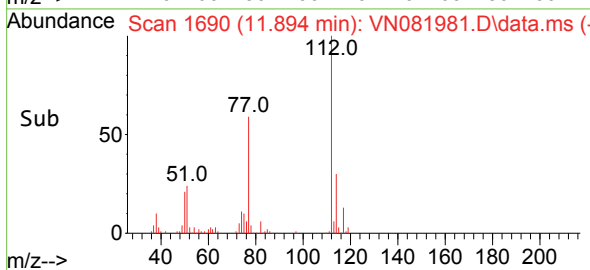
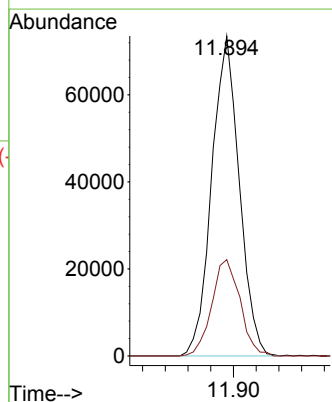
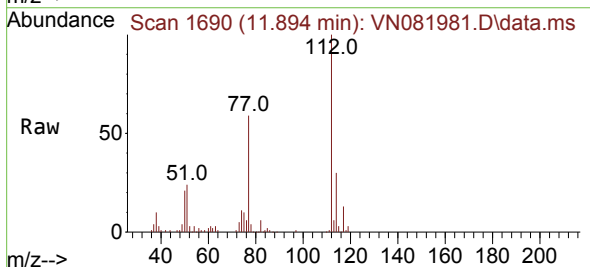
Instrument :
MSVOA_N
ClientSampleId :

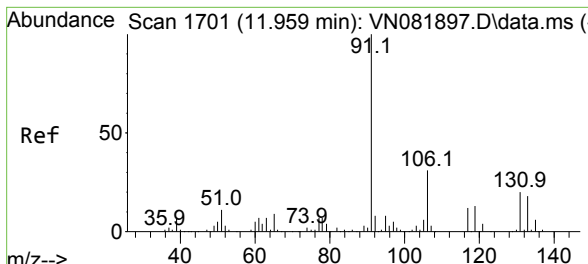
Tgt Ion: 98 Resp: 267913
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#64
Chlorobenzene
Concen: 19.603 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion: 112 Resp: 123656
Ion Ratio Lower Upper
112 100
114 30.1 26.6 39.8

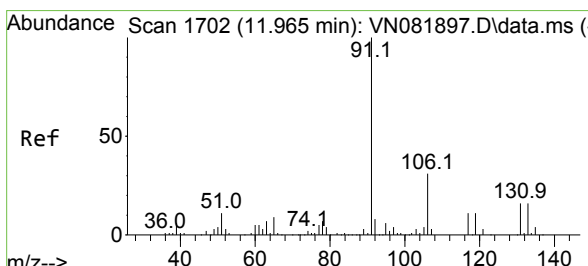
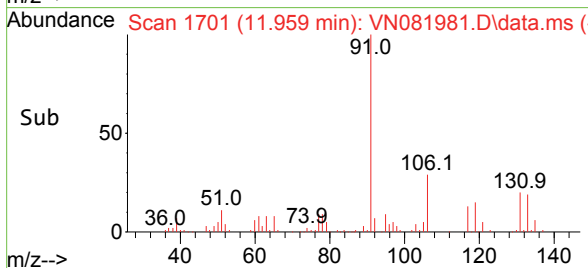
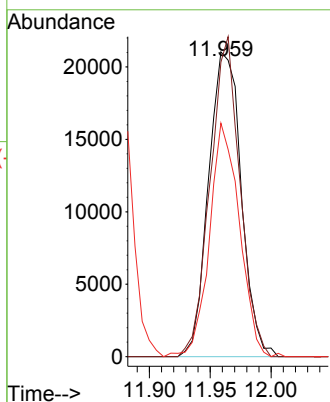
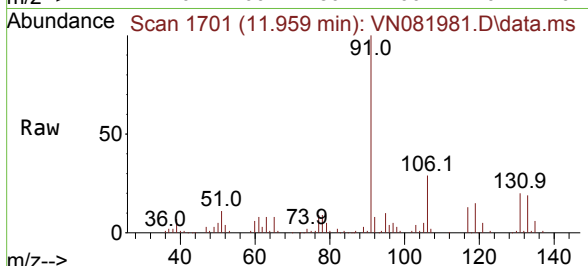




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.014 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

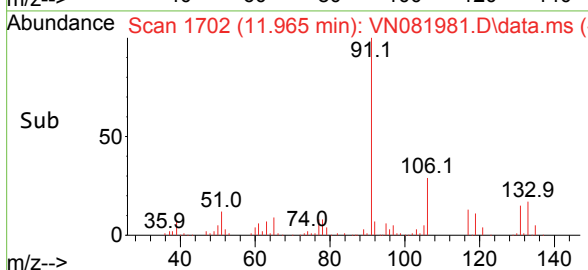
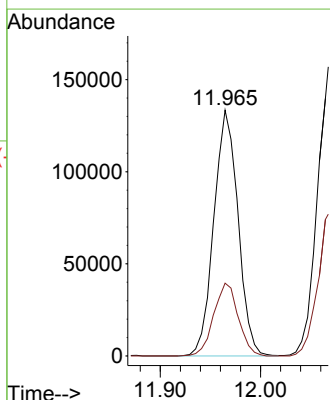
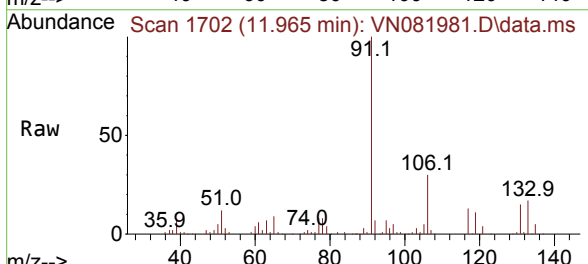
Instrument :
 MSVOA_N
 ClientSampleId :

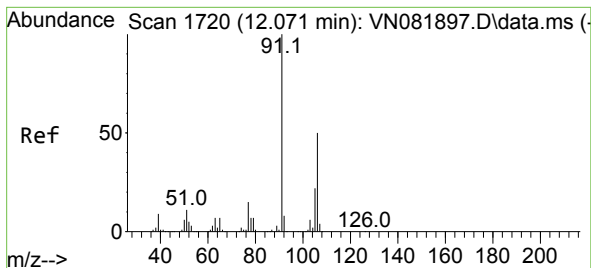
Tgt Ion:131	Resp:	39257
Ion Ratio	Lower	Upper
131	100	
133	95.8	0.0 188.0
119	69.6	0.0 122.8



#66
 Ethyl Benzene
 Concen: 19.761 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

Tgt Ion: 91	Resp:	223392
Ion Ratio	Lower	Upper
91	100	
106	29.6	24.4 36.6





#67

m/p-Xylenes

Concen: 39.957 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

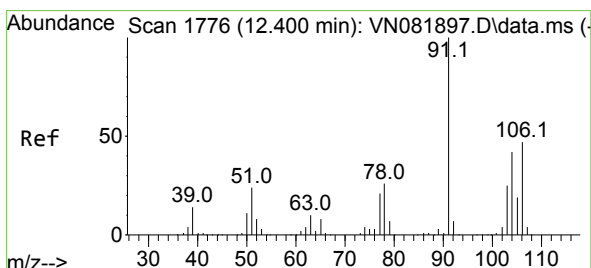
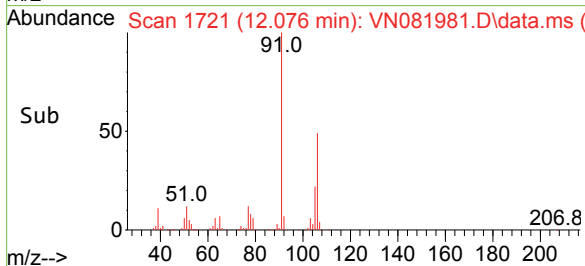
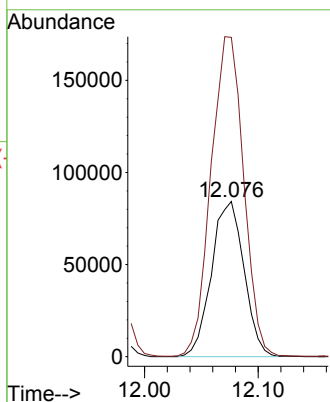
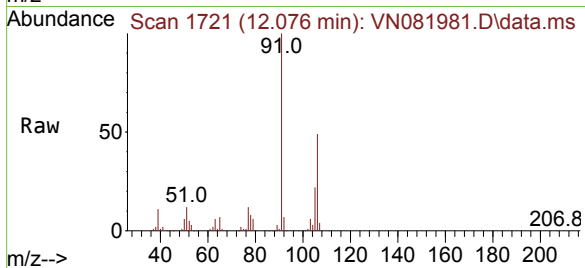
ClientSampleId :

Tgt Ion:106 Resp: 167478

Ion Ratio Lower Upper

106 100

91 207.8 166.6 249.8



#68

o-Xylene

Concen: 19.865 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN081981.D

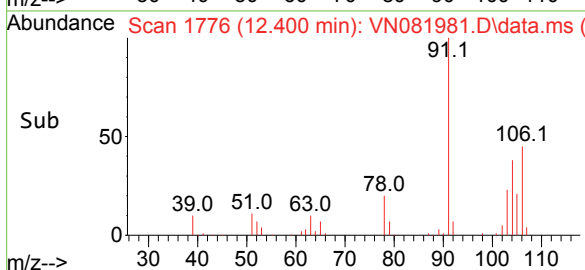
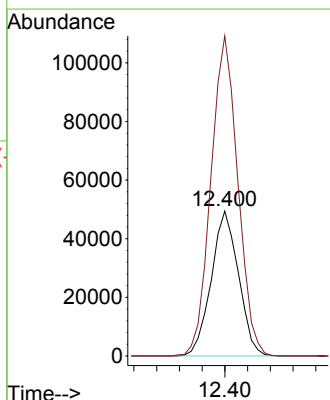
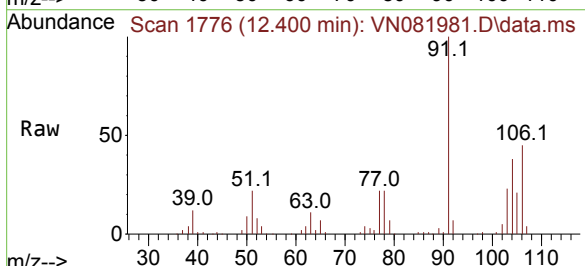
Acq: 02 May 2024 17:13

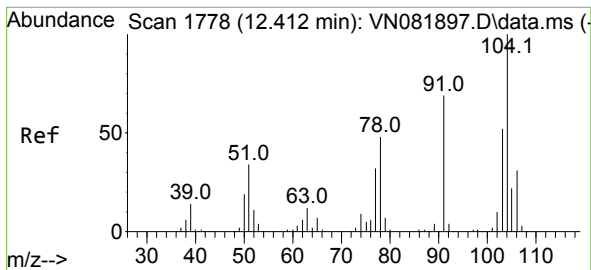
Tgt Ion:106 Resp: 82379

Ion Ratio Lower Upper

106 100

91 218.2 110.0 330.0





#69

Styrene

Concen: 19.739 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

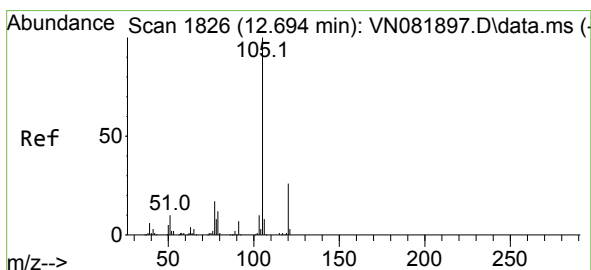
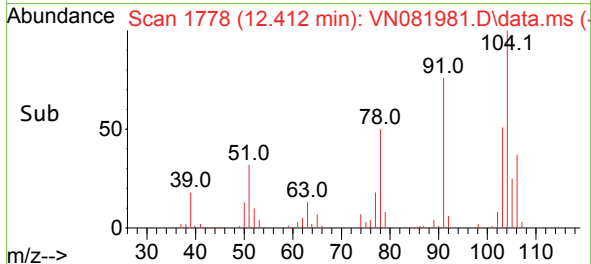
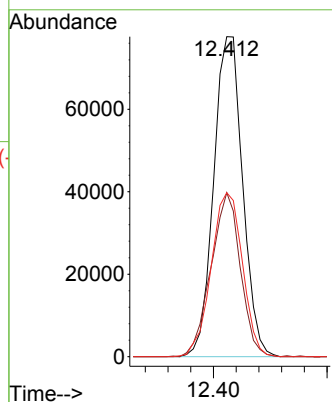
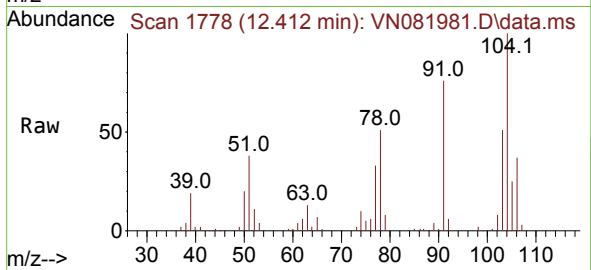
Tgt Ion:104 Resp: 137408

Ion Ratio Lower Upper

104 100

78 51.9 42.6 64.0

103 55.3 43.7 65.5



#70

Isopropylbenzene

Concen: 19.520 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN081981.D

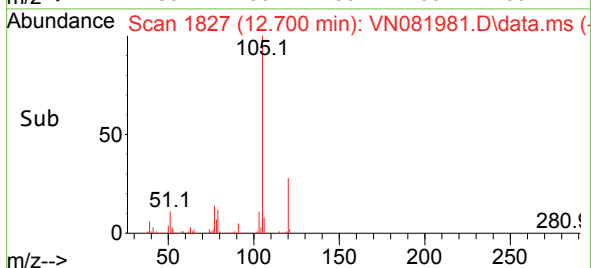
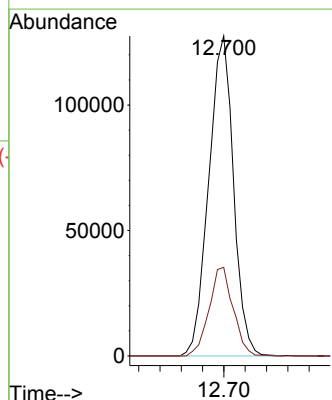
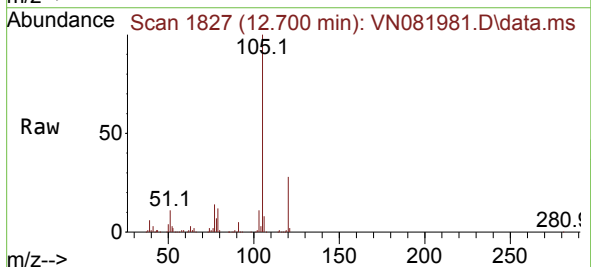
Acq: 02 May 2024 17:13

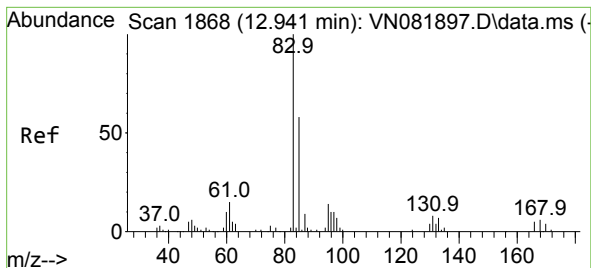
Tgt Ion:105 Resp: 205584

Ion Ratio Lower Upper

105 100

120 26.9 17.8 33.1





#71

1,1,2,2-Tetrachloroethane

Concen: 21.096 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

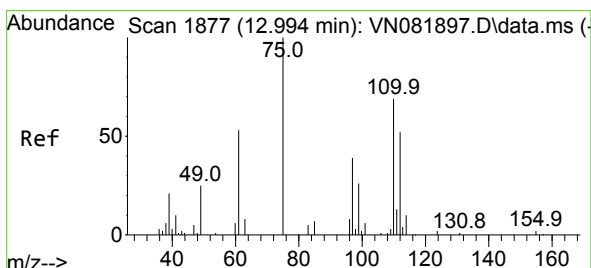
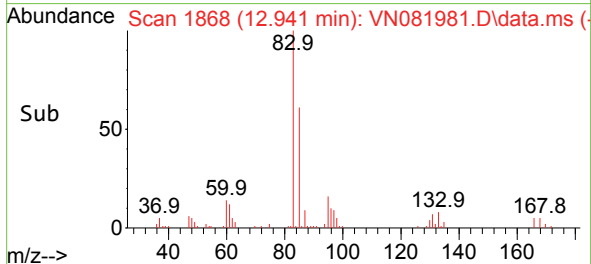
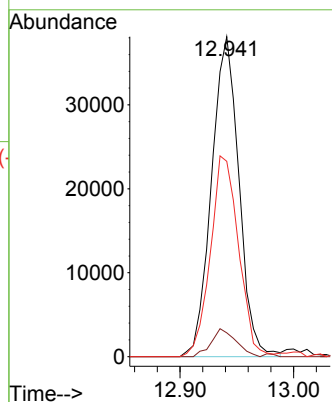
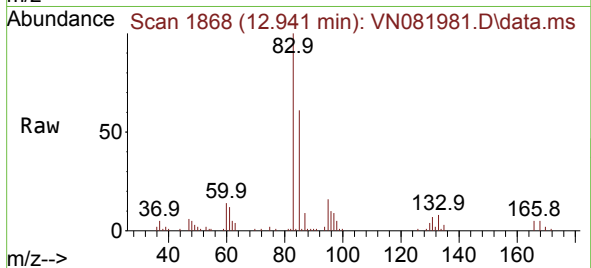
Tgt Ion: 83 Resp: 63938

Ion Ratio Lower Upper

83 100

131 7.9 5.2 15.6

85 64.3 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 30.518 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN081981.D

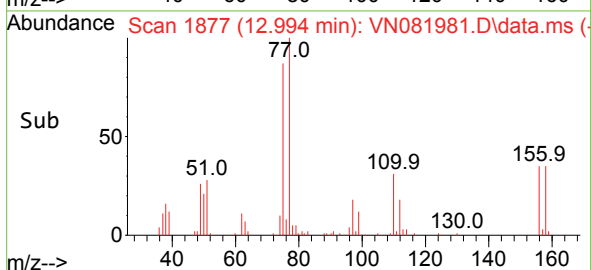
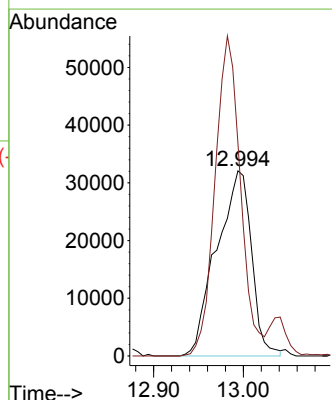
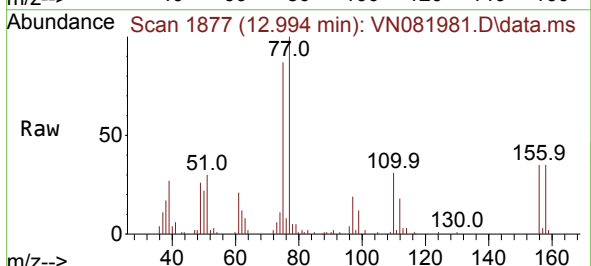
Acq: 02 May 2024 17:13

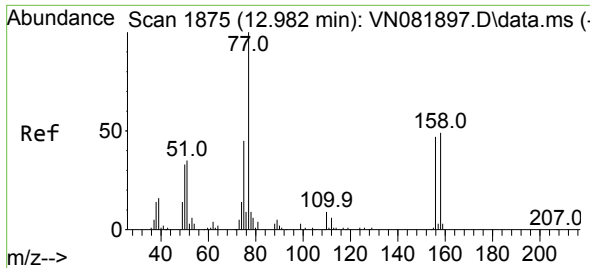
Tgt Ion: 75 Resp: 86473

Ion Ratio Lower Upper

75 100

77 126.6 0.0 367.6

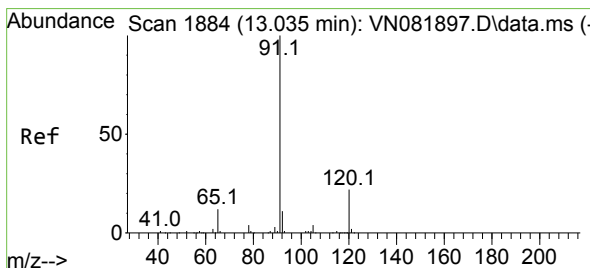
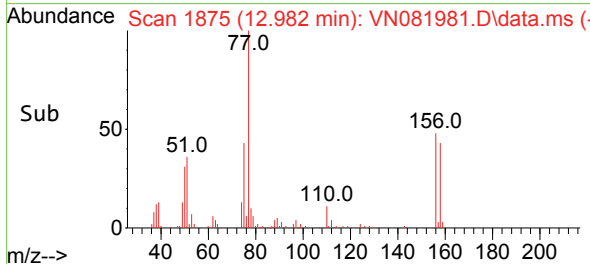
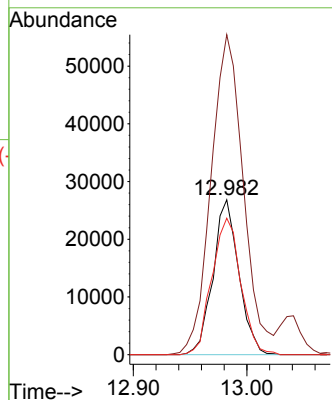
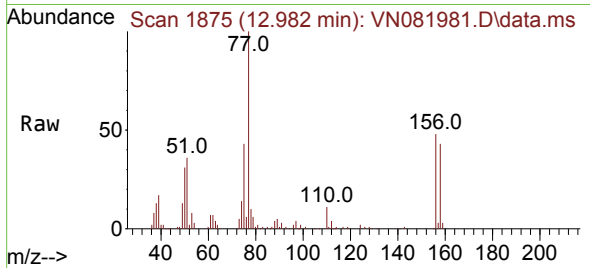




#73
Bromobenzene
Concen: 18.814 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

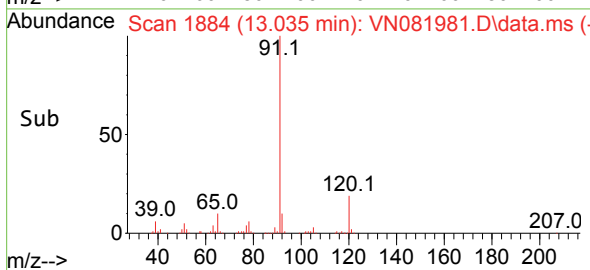
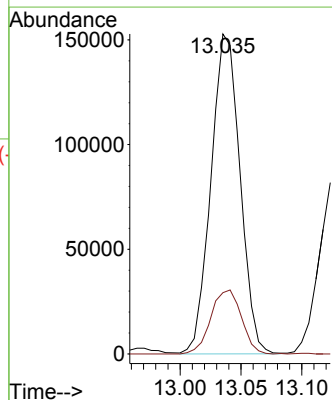
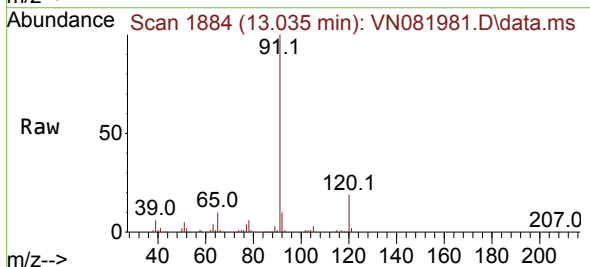
Instrument :
MSVOA_N
ClientSampleId :

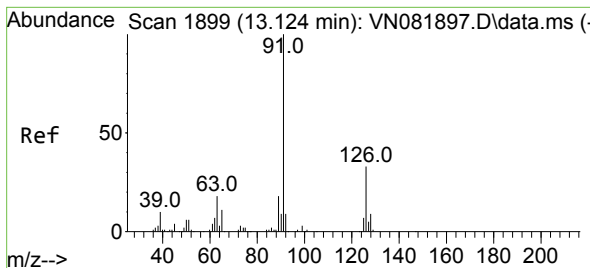
Tgt Ion	Ratio	Lower	Upper
156	100		
77	258.1	0.0	437.6
158	98.5	0.0	203.8



#74
n-propylbenzene
Concen: 20.452 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.0	0.0	43.8





#75

2-Chlorotoluene

Concen: 19.135 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

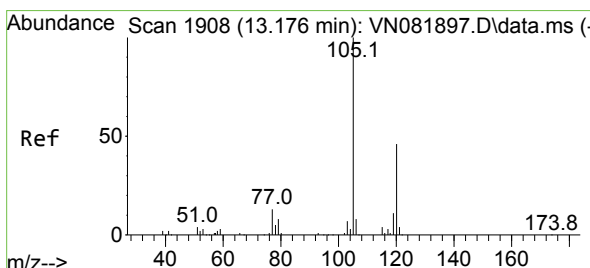
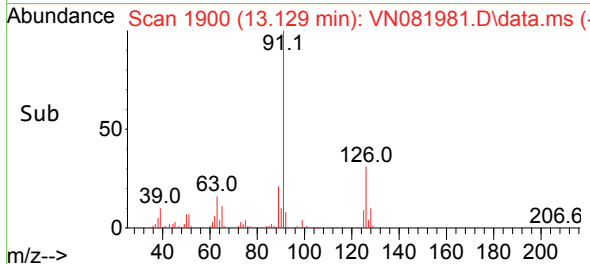
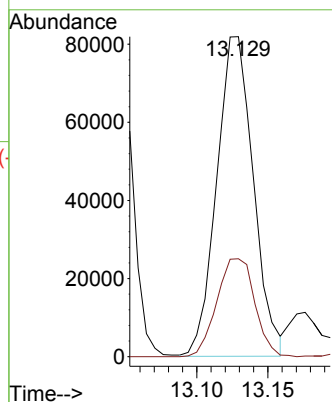
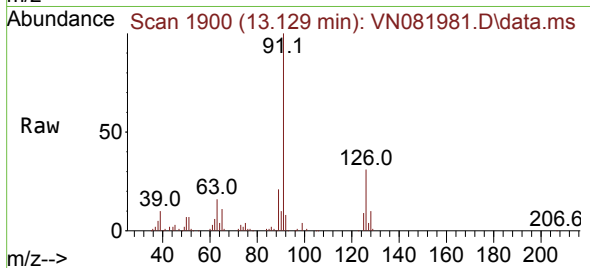
ClientSampleId :

Tgt Ion: 91 Resp: 147089

Ion Ratio Lower Upper

91 100

126 31.7 0.0 61.2



#76

1,3,5-Trimethylbenzene

Concen: 19.760 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081981.D

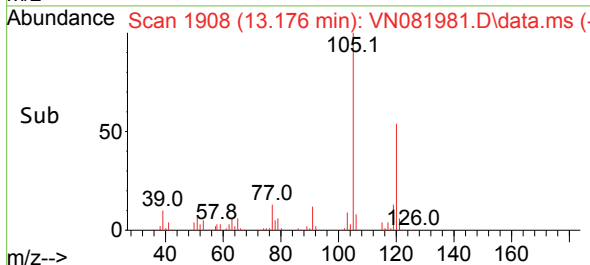
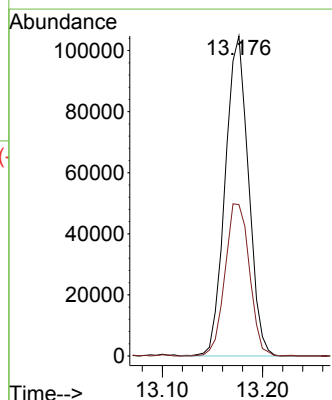
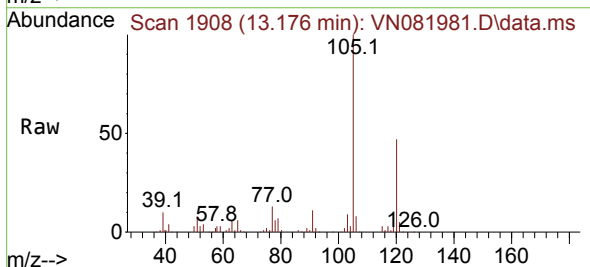
Acq: 02 May 2024 17:13

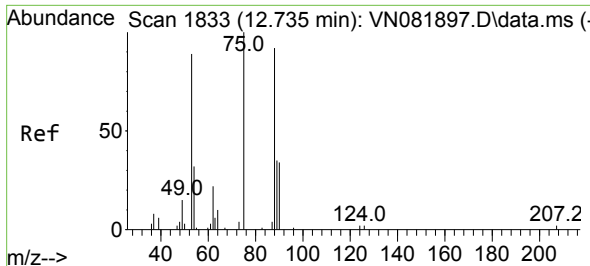
Tgt Ion: 105 Resp: 168451

Ion Ratio Lower Upper

105 100

120 50.0 0.0 95.8

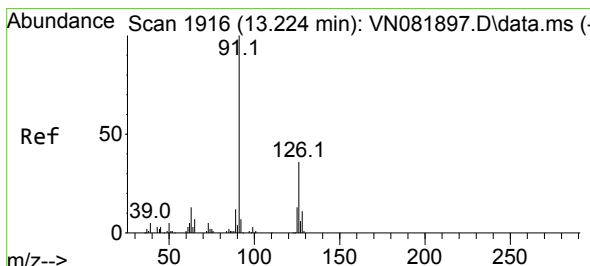
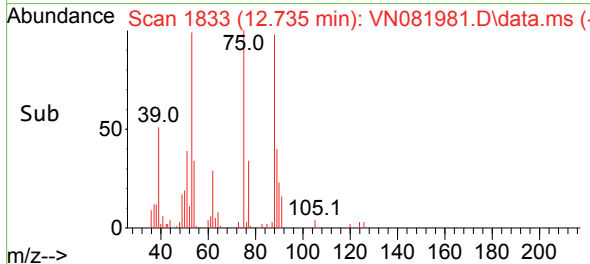
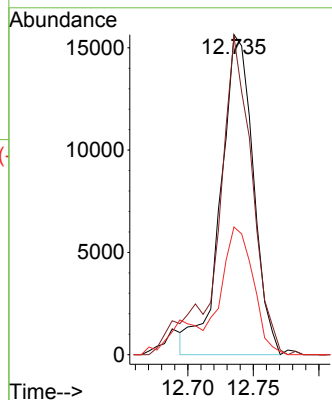
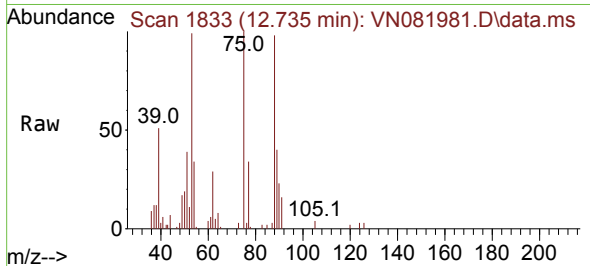




#77
 t-1,4-Dichloro-2-butene
 Concen: 21.459 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

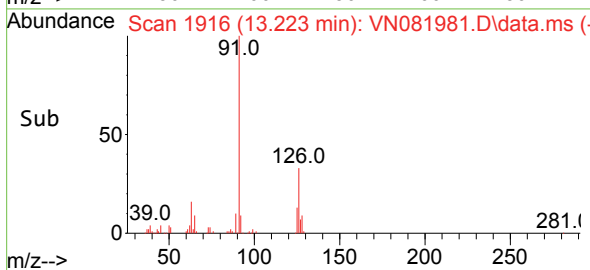
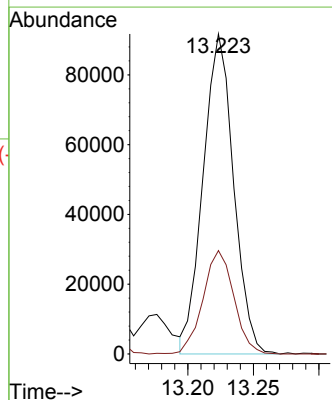
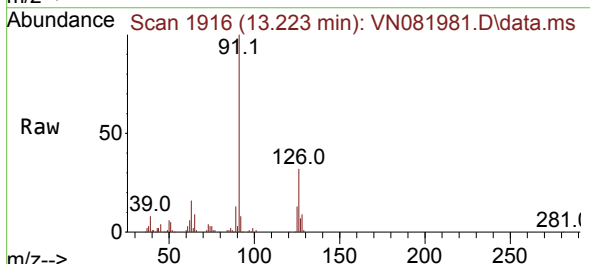
Instrument :
 MSVOA_N
 ClientSampleId :

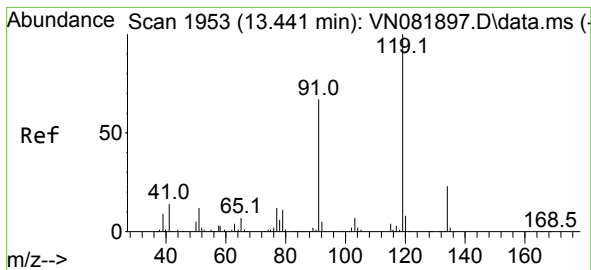
Tgt Ion: 75 Resp: 27063
 Ion Ratio Lower Upper
 75 100
 53 97.8 45.9 137.7
 89 38.9 25.9 77.7



#78
 4-Chlorotoluene
 Concen: 19.700 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN081981.D
 Acq: 02 May 2024 17:13

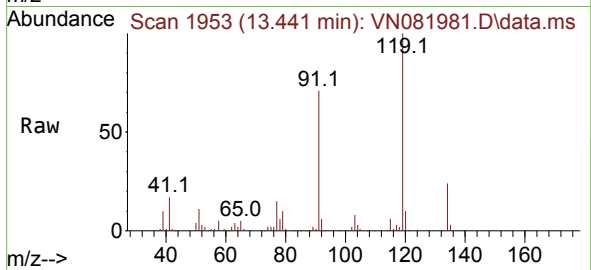
Tgt Ion: 91 Resp: 148353
 Ion Ratio Lower Upper
 91 100
 126 32.6 0.0 62.8



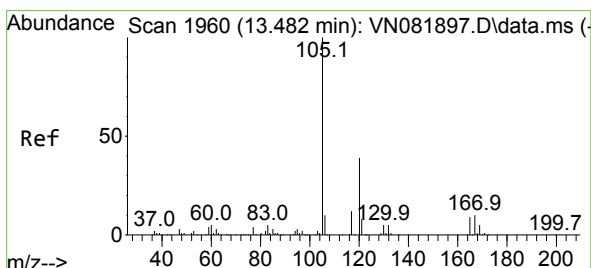
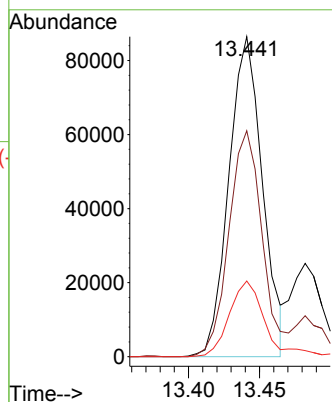
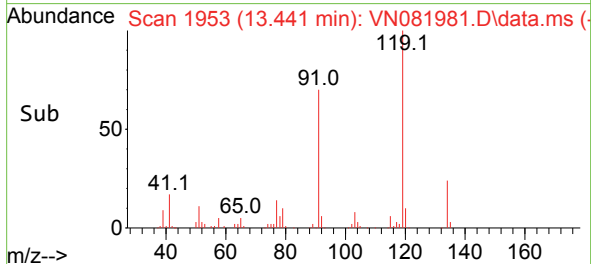


#79
tert-butylbenzene
Concen: 19.382 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

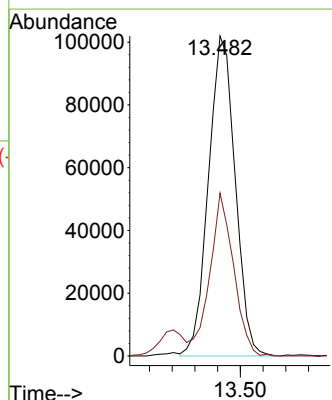
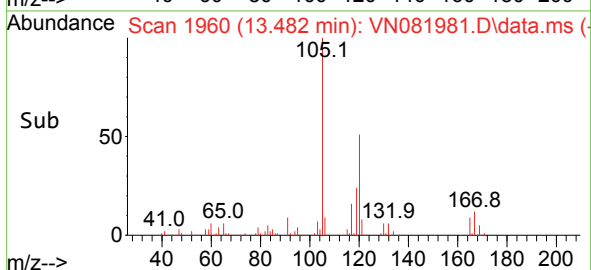
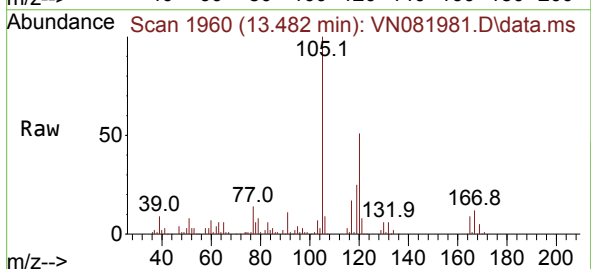


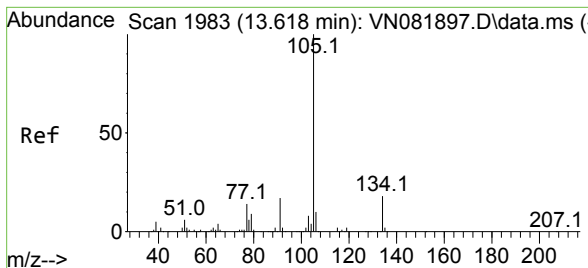
Tgt Ion:119 Resp: 142267
Ion Ratio Lower Upper
119 100
91 70.5 0.0 138.8
134 23.0 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 19.457 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:105 Resp: 166613
Ion Ratio Lower Upper
105 100
120 45.0 0.0 86.8





#81

sec-Butylbenzene

Concen: 20.495 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

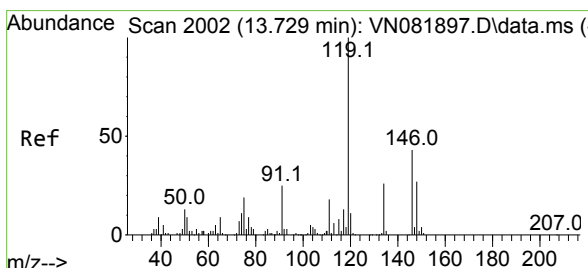
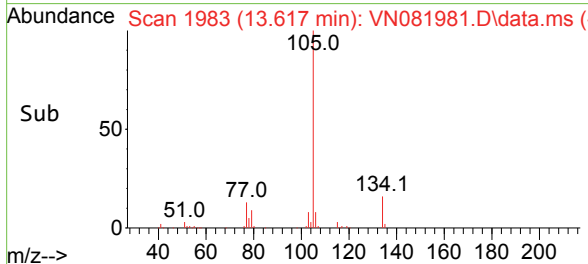
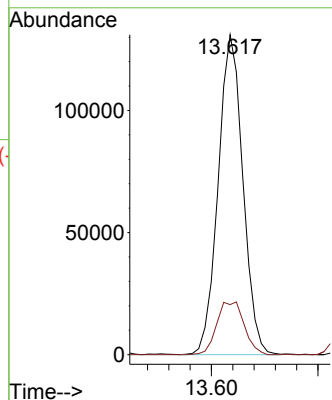
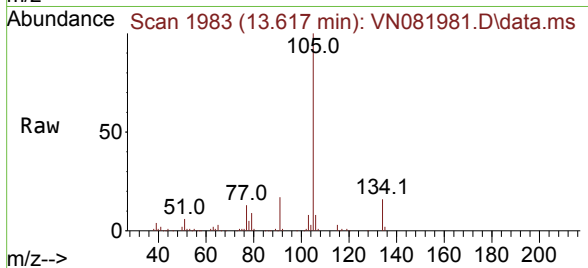
ClientSampleId :

Tgt Ion:105 Resp: 210875

Ion Ratio Lower Upper

105 100

134 18.4 0.0 39.0



#82

p-Isopropyltoluene

Concen: 19.966 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

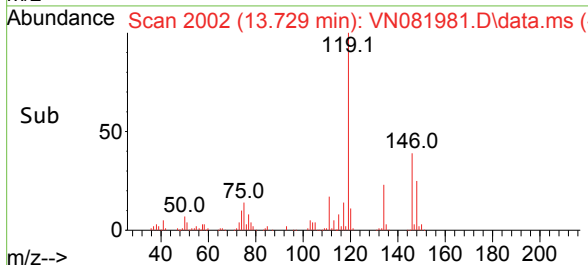
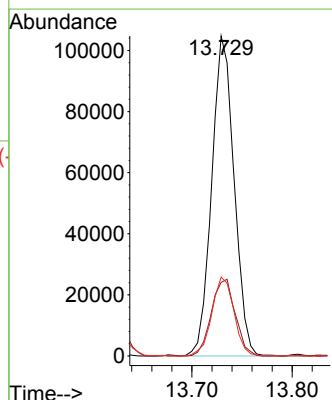
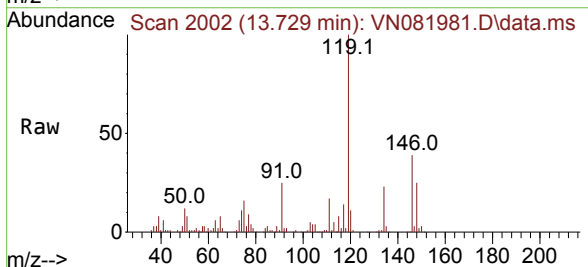
Tgt Ion:119 Resp: 162439

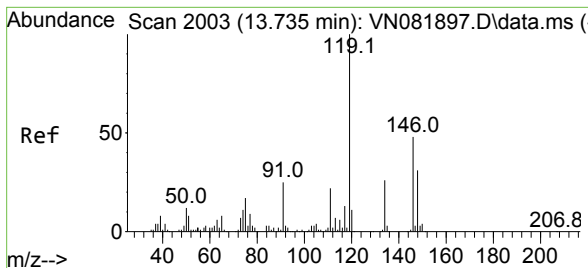
Ion Ratio Lower Upper

119 100

134 25.5 0.0 49.2

91 24.4 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 19.382 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

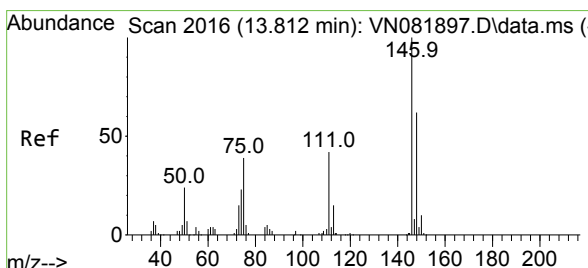
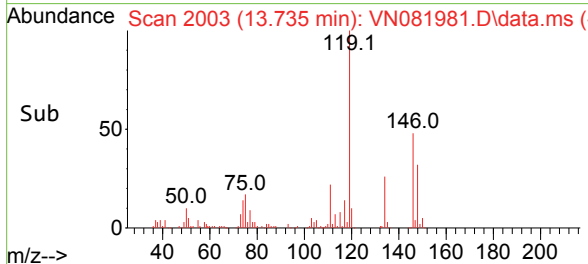
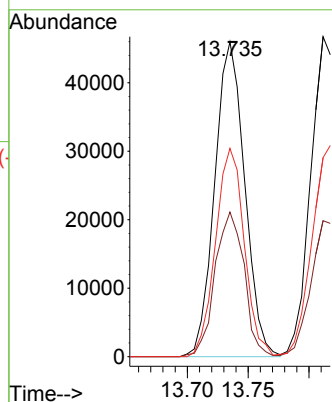
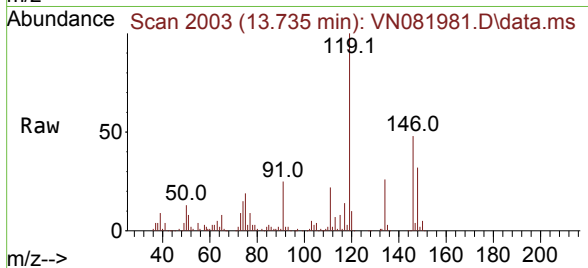
Tgt Ion:146 Resp: 78682

Ion Ratio Lower Upper

146 100

111 44.5 22.4 67.0

148 63.6 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 19.539 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081981.D

Acq: 02 May 2024 17:13

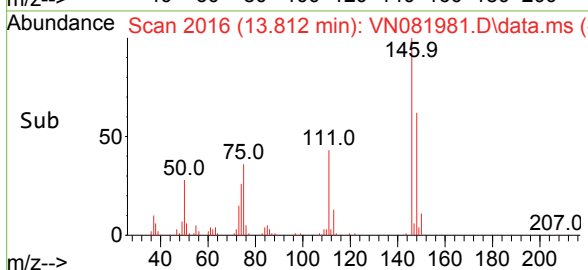
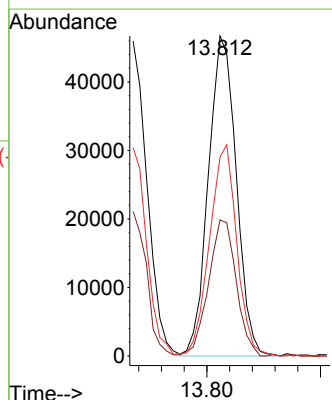
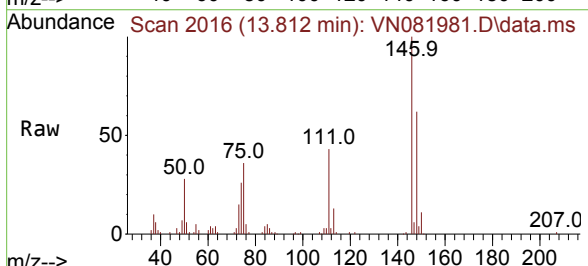
Tgt Ion:146 Resp: 79725

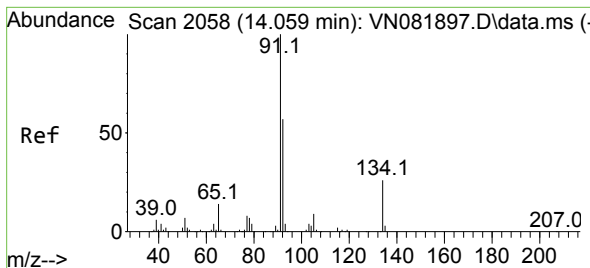
Ion Ratio Lower Upper

146 100

111 42.2 21.3 63.9

148 64.6 31.9 95.5





#85

n-Butylbenzene

Concen: 20.260 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

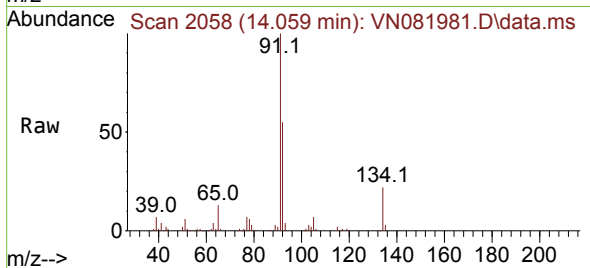
Lab File: VN081981.D

Acq: 02 May 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :



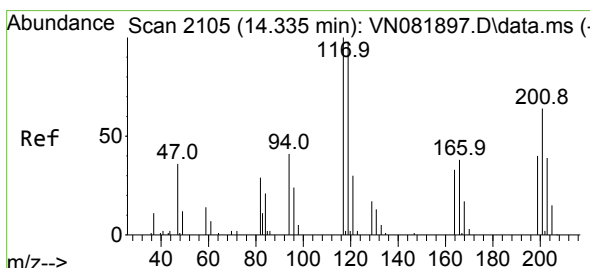
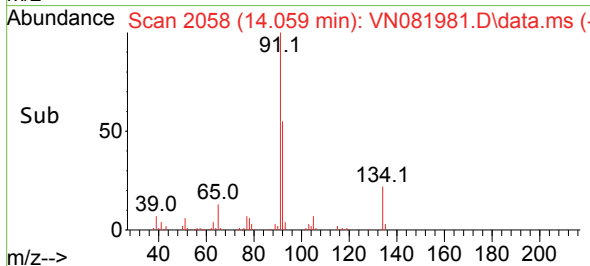
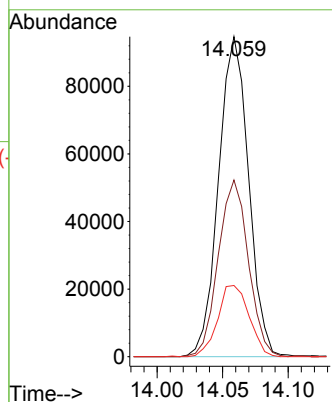
Tgt Ion: 91 Resp: 150569

Ion Ratio Lower Upper

91 100

92 55.4 0.0 105.0

134 23.3 0.0 51.8



#86

Hexachloroethane

Concen: 18.266 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081981.D

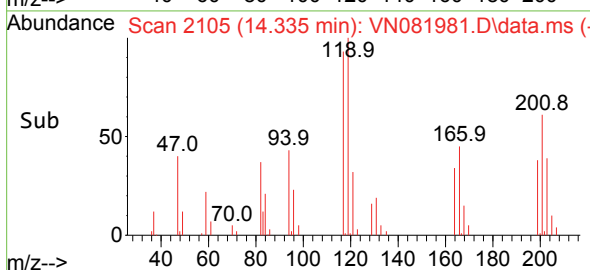
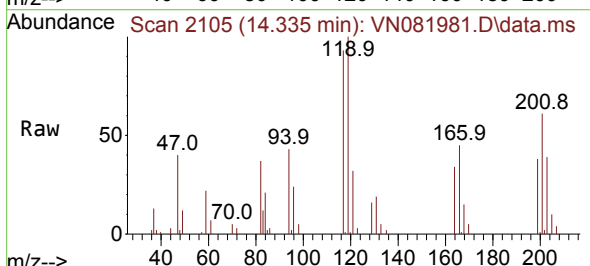
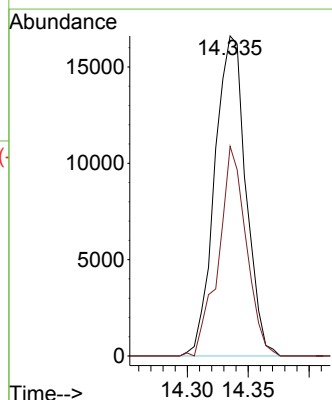
Acq: 02 May 2024 17:13

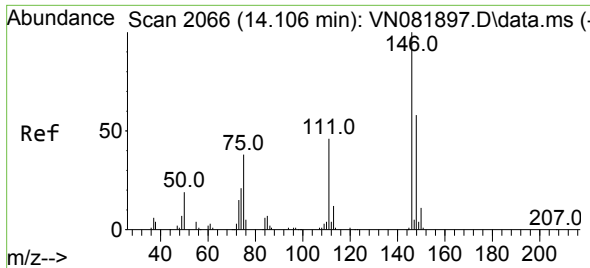
Tgt Ion: 117 Resp: 29632

Ion Ratio Lower Upper

117 100

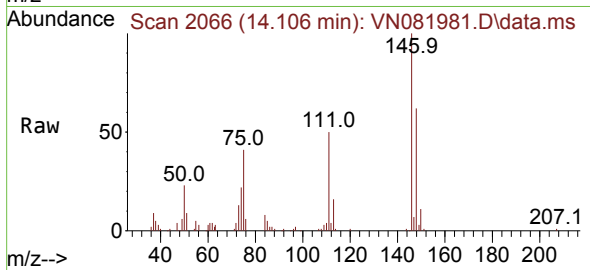
201 58.1 38.0 114.0



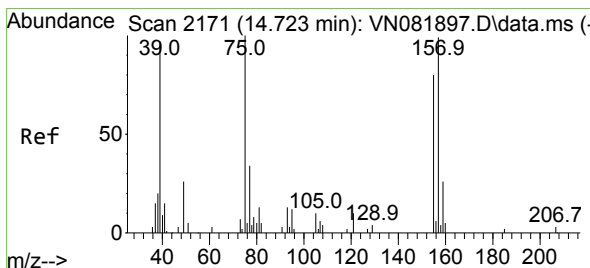
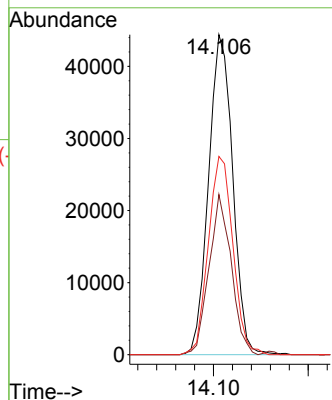
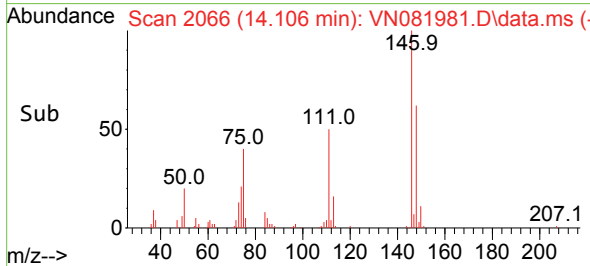


#87
1,2-Dichlorobenzene
Concen: 19.402 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

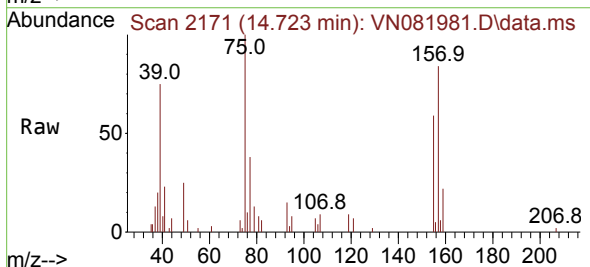
Instrument :
MSVOA_N
ClientSampleId :



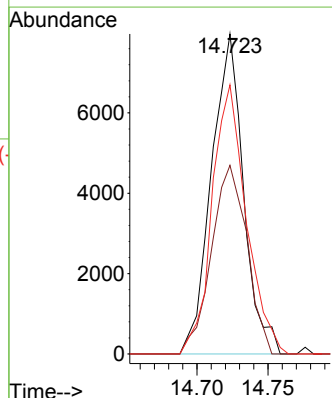
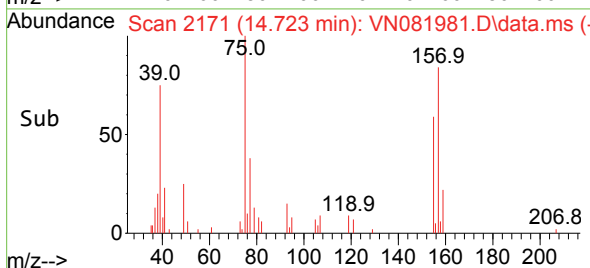
Tgt Ion:146 Resp: 78446
Ion Ratio Lower Upper
146 100
111 46.1 22.6 67.8
148 63.2 31.3 93.8

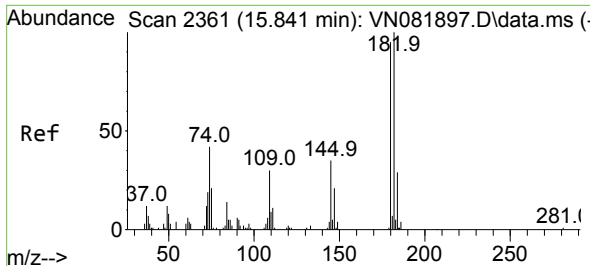


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.363 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13



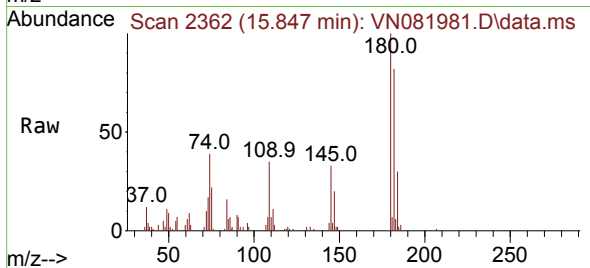
Tgt Ion: 75 Resp: 12489
Ion Ratio Lower Upper
75 100
155 65.4 61.7 92.5
157 89.7 83.6 125.4



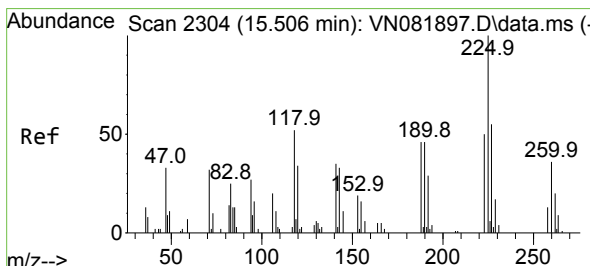
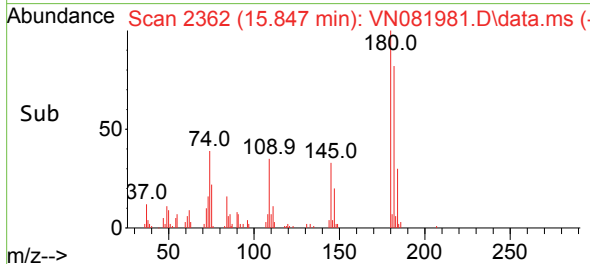
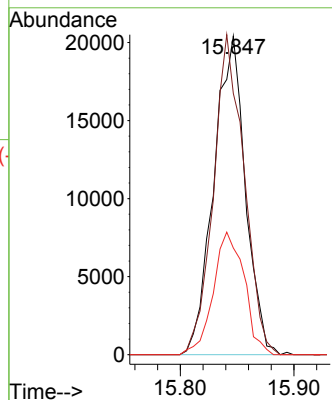


#89
1,2,4-Trichlorobenzene
Concen: 17.711 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

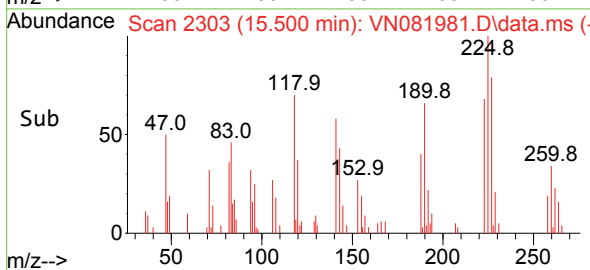
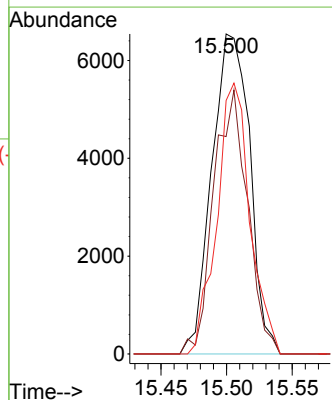
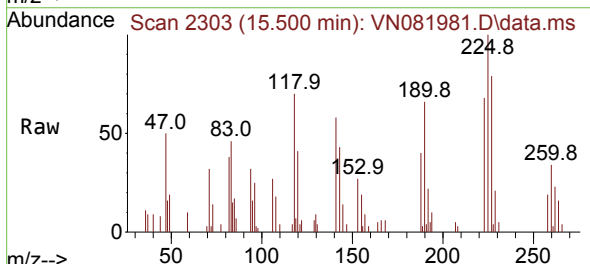


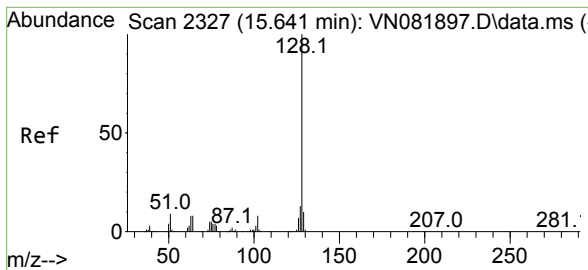
Tgt Ion:180 Resp: 39430
Ion Ratio Lower Upper
180 100
182 97.4 76.4 114.6
145 37.8 28.4 42.6



#90
Hexachlorobutadiene
Concen: 15.987 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:225 Resp: 13182
Ion Ratio Lower Upper
225 100
223 73.8 0.0 126.6
227 73.9 0.0 126.6

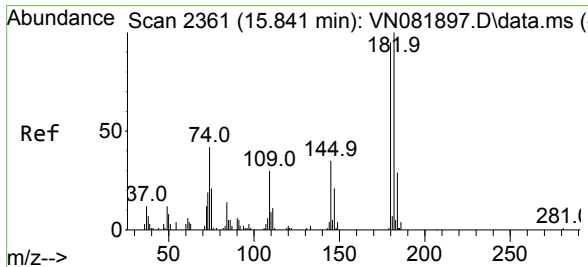
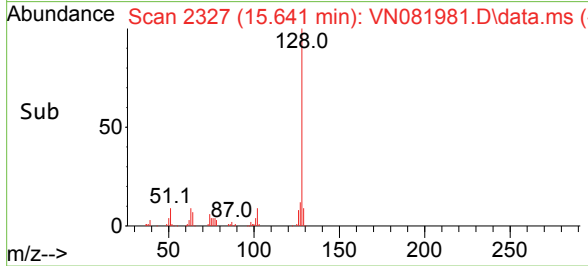
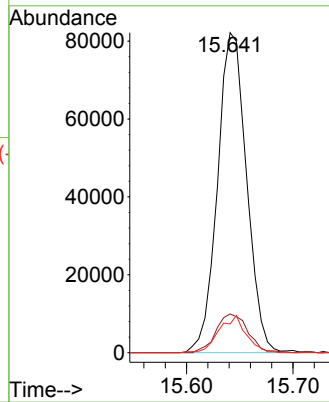
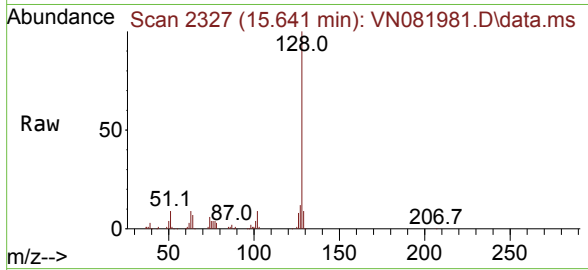




#91
Naphthalene
Concen: 18.415 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	155852
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.8	8.6	13.0



#92
1,2,3-Trichlorobenzene
Concen: 17.711 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081981.D
Acq: 02 May 2024 17:13

Tgt Ion:	180	Resp:	39430
Ion Ratio	Lower	Upper	
180	100		
182	97.4	0.0	191.0
145	37.8	0.0	71.0

