

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083542.D
 Acq On : 28 Aug 2024 17:44
 Operator : JC\MD
 Sample : P3390-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 29 01:40:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29715	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	172289	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	152164	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	81600	30.552	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.833%	
60) 4-Bromofluorobenzene	12.847	95	78926	29.298	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.667%	
63) Toluene-d8	10.565	98	211648	30.129	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.433%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	9247	4.634	ug/l	96
3) Chloromethane	2.360	50	11390	5.551	ug/l	92
4) Vinyl Chloride	2.512	62	11036	5.122	ug/l #	84
5) Bromomethane	2.901	94	5326	5.074	ug/l	86
6) Chloroethane	3.059	64	7344	5.203	ug/l	94
7) Trichlorofluoromethane	3.454	101	18258	5.127	ug/l	87
8) Diethyl Ether	3.954	74	6320	5.052	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.342	101	7397	3.759	ug/l	75
10) 1,1-Dichloroethene	4.324	96	4880	2.620	ug/l	87
11) Methyl Iodide	4.571	142	10183	3.972	ug/l	94
12) Methyl Acetate	5.030	43	17292	5.408	ug/l #	78
13) Acrolein	4.171	56	8366	27.130	ug/l	91
14) Acrylonitrile	5.718	53	26565	26.756	ug/l	98
15) Acetone	4.436	58	6492	22.099	ug/l	91
16) Carbon Disulfide	4.689	76	26088	5.198	ug/l	100
17) Allyl chloride	5.006	41	15967	4.642	ug/l	98
18) Methylene Chloride	5.259	84	10604	5.133	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	9350	4.869	ug/l	98
20) Diisopropyl ether	6.671	45	32540	4.865	ug/l	94
21) 1,1-Dichloroethane	6.559	63	19262	5.101	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	11100	4.673	ug/l #	67
23) tert-Butyl Alcohol	5.536	59	11575	27.632	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	34195	4.957	ug/l #	85
25) Chloroform	7.965	83	19862	4.961	ug/l	100
26) Cyclohexane	8.247	56	15712	4.786	ug/l #	88
29) 1,1-Dichloropropene	8.365	75	13443	4.974	ug/l	82
30) 2-Butanone	7.489	43	35539	25.629	ug/l #	92
31) 2,2-Dichloropropane	7.489	77	15126	4.316	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	17549	4.858	ug/l	92
33) Carbon Tetrachloride	8.359	117	15241	4.845	ug/l	97
34) Benzene	8.606	78	41926	5.112	ug/l #	88
35) Methacrylonitrile	7.777	41	8150	5.080	ug/l	92
36) 1,2-Dichloroethane	8.665	62	15647	5.116	ug/l #	94
37) Trichloroethene	9.347	130	9714	4.998	ug/l	100
38) Methylcyclohexane	9.600	83	15570	4.697	ug/l	98
39) 1,2-Dichloropropane	9.624	63	9761	4.895	ug/l	96
40) Dibromomethane	9.706	93	7622	5.325	ug/l	92
41) Bromodichloromethane	9.888	83	15225	4.921	ug/l	92
42) Vinyl Acetate	6.600	43	171482	25.200	ug/l	98

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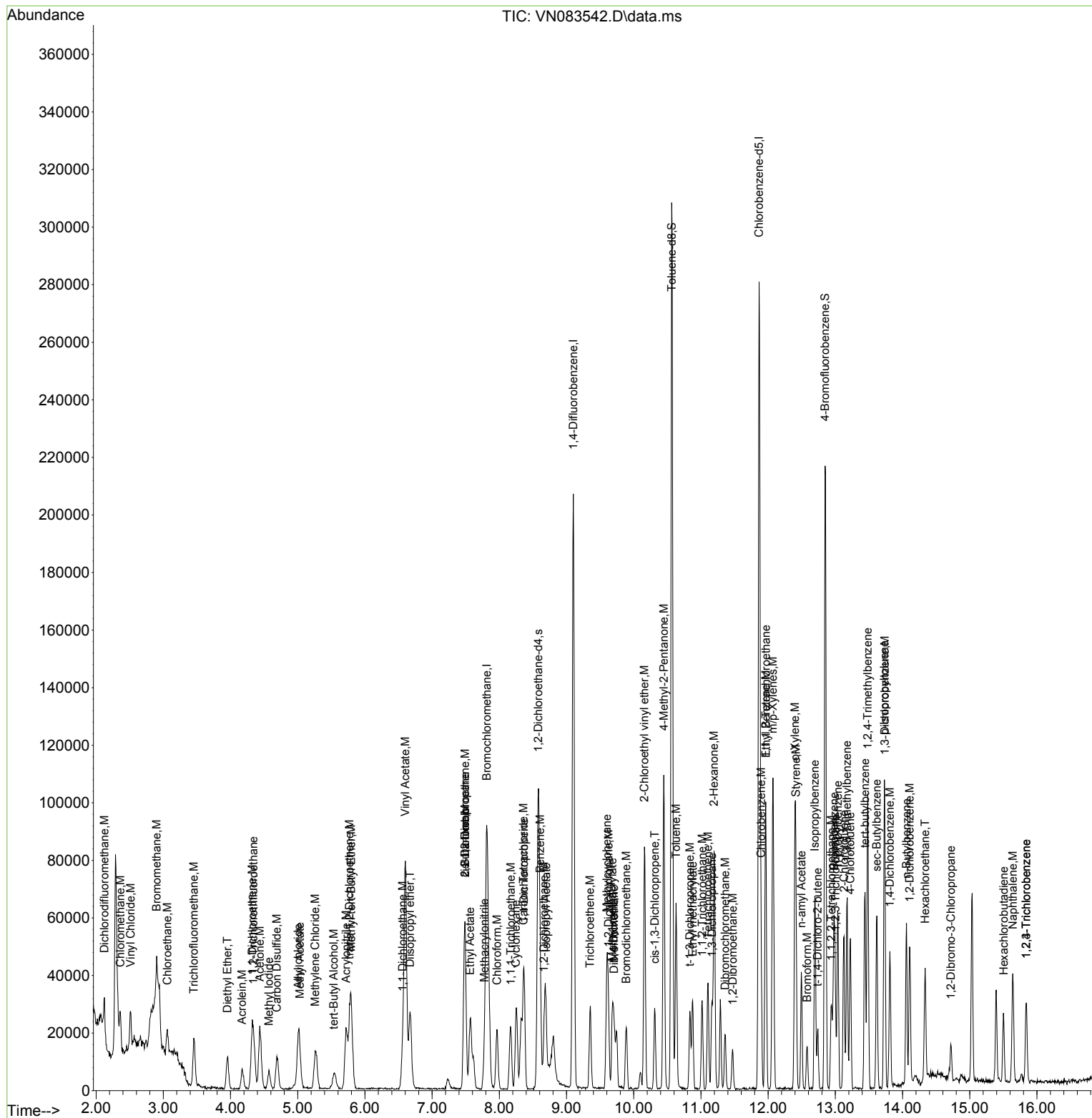
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43) Ethyl Acetate	7.565	43	15224	5.716	ug/l #	85
44) Isopropyl Acetate	8.694	43	36245	5.760	ug/l #	78
45) 1,4-Dioxane	9.700	88	4128	101.172	ug/l #	84
46) Methyl methacrylate	9.683	41	12525	5.387	ug/l	84
47) n-amyl Acetate	12.494	43	22071	5.097	ug/l	91
48) t-1,3-Dichloropropene	10.835	75	15393	4.692	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	16561	4.842	ug/l #	85
50) 1,1,2-Trichloroethane	11.018	97	9619	5.014	ug/l	91
51) Ethyl methacrylate	10.877	69	16458	4.919	ug/l	79
52) 1,3-Dichloropropane	11.165	76	16767	5.005	ug/l	97
53) Dibromochloromethane	11.359	129	10712	4.766	ug/l	99
54) 1,2-Dibromoethane	11.471	107	10021	5.098	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	36997	25.974	ug/l	97
56) Bromoform	12.582	173	6736	4.590	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	72901	27.013	ug/l #	89
59) 2-Hexanone	11.194	43	55617	26.873	ug/l	87
61) Tetrachloroethene	11.106	164	7691	4.759	ug/l	97
62) Toluene	10.630	91	45100	5.124	ug/l	99
64) Chlorobenzene	11.894	112	26262	4.816	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	9375	4.831	ug/l	95
66) Ethyl Benzene	11.965	91	47603	4.794	ug/l	99
67) m/p-Xylenes	12.071	106	34693	9.427	ug/l	99
68) o-Xylene	12.400	106	17096	4.730	ug/l	90
69) Styrene	12.412	104	27472	4.465	ug/l	97
70) Isopropylbenzene	12.694	105	45418	4.758	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	14847	5.324	ug/l	97
72) 1,2,3-Trichloropropane	13.000	75	19059	7.916	ug/l	58
73) Bromobenzene	12.982	156	9774	4.524	ug/l	89
74) n-propylbenzene	13.035	91	48397	4.376	ug/l	99
75) 2-Chlorotoluene	13.129	91	31866	4.502	ug/l	97
76) 1,3,5-Trimethylbenzene	13.171	105	36571	4.589	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	3901	3.734	ug/l	91
78) 4-Chlorotoluene	13.224	91	31088	4.424	ug/l	99
79) tert-butylbenzene	13.441	119	32774	4.592	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	36370	4.477	ug/l	97
81) sec-Butylbenzene	13.618	105	42482	4.421	ug/l	99
82) p-Isopropyltoluene	13.729	119	34481	4.239	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	18086	4.285	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	18308	4.319	ug/l	98
85) n-Butylbenzene	14.059	91	29905	4.148	ug/l	99
86) Hexachloroethane	14.335	117	8334	5.231	ug/l	81
87) 1,2-Dichlorobenzene	14.106	146	18990	4.571	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	3613	5.667	ug/l #	80
89) 1,2,4-Trichlorobenzene	15.841	180	9648	4.236	ug/l	98
90) Hexachlorobutadiene	15.506	225	4633	4.787	ug/l	90
91) Naphthalene	15.641	128	33809	4.294	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	9648	4.236	ug/l	98

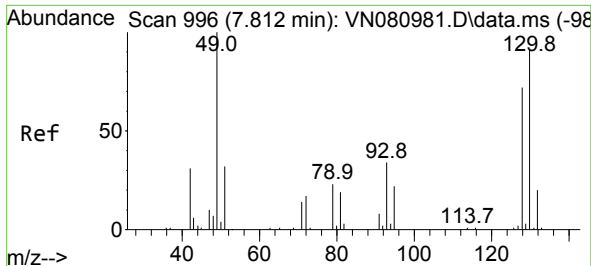
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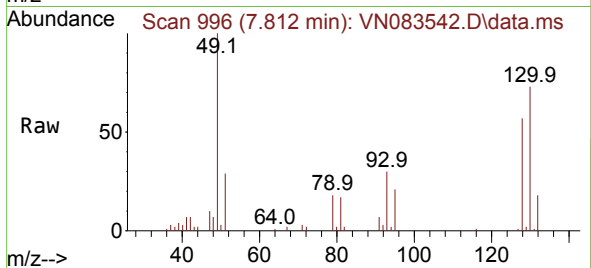
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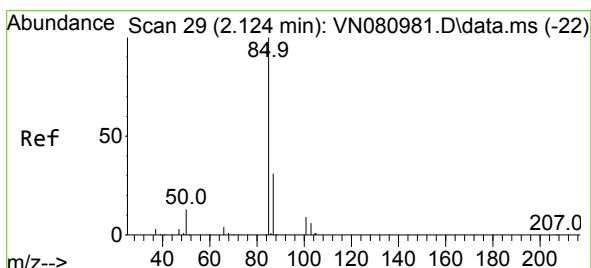
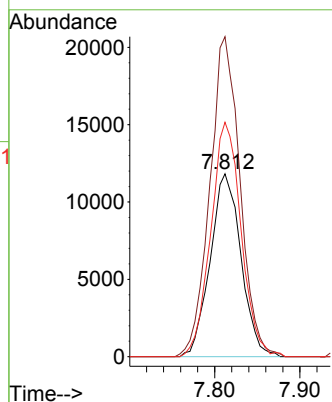
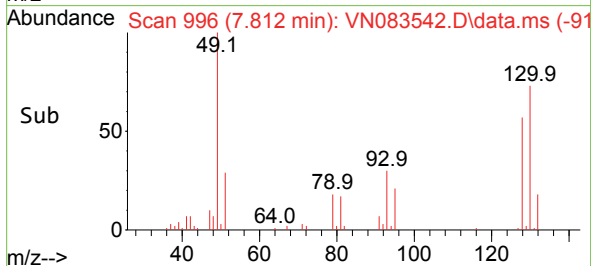


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083542.D
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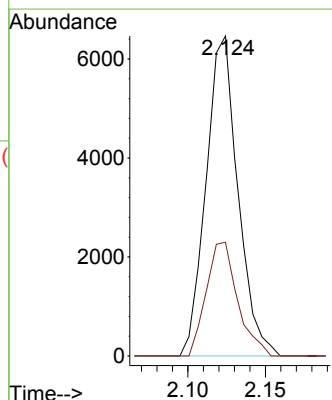
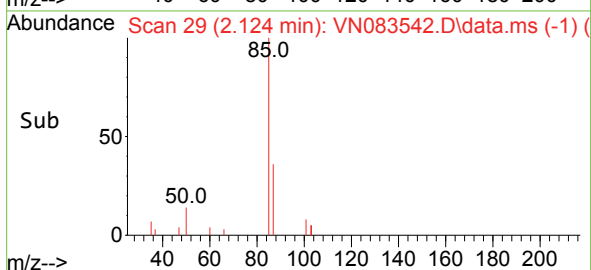
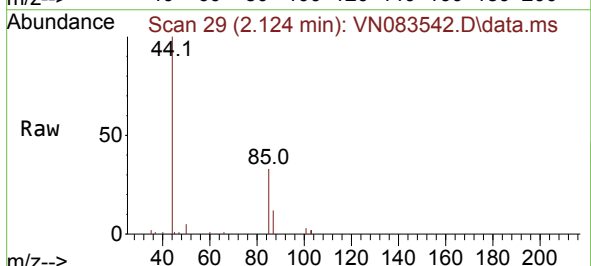


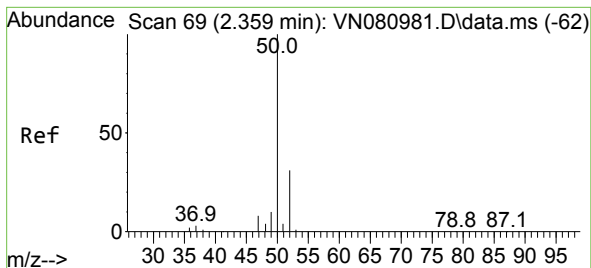
Tgt Ion:128 Resp: 29715
Ion Ratio Lower Upper
128 100
49 171.3 0.0 403.7
130 125.8 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 4.634 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 85 Resp: 9247
Ion Ratio Lower Upper
85 100
87 35.5 16.8 50.3





#3

Chloromethane

Concen: 5.551 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

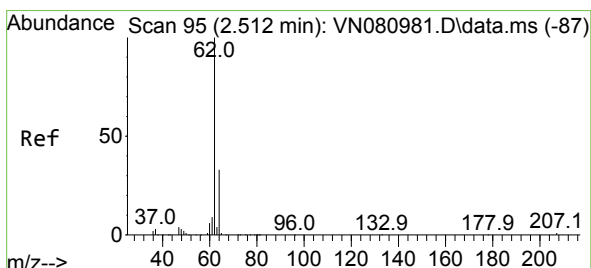
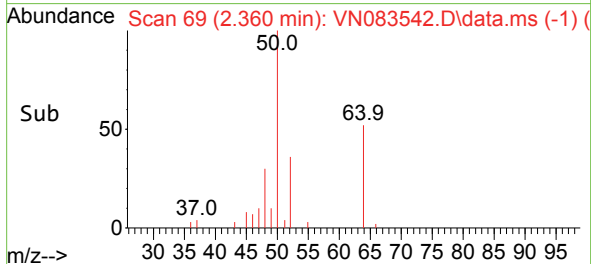
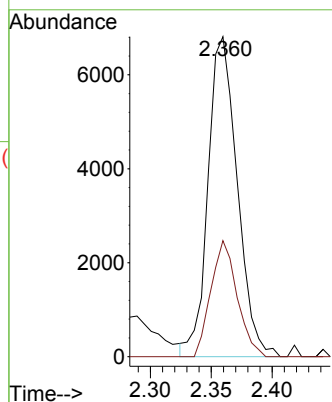
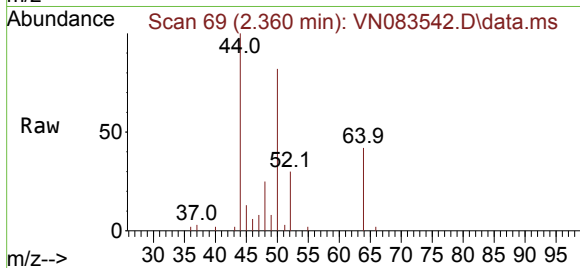
ClientSampleId :

Tgt Ion: 50 Resp: 11390

Ion Ratio Lower Upper

50 100

52 36.2 25.4 38.0



#4

Vinyl Chloride

Concen: 5.122 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083542.D

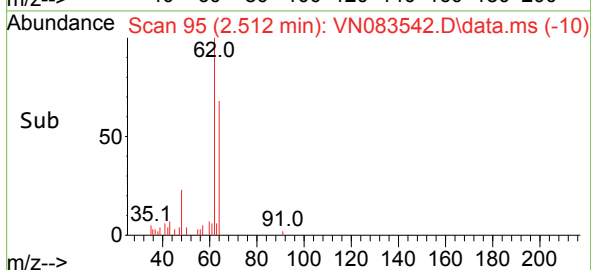
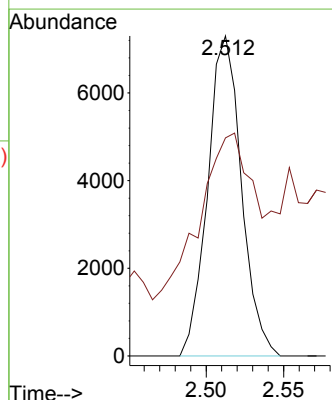
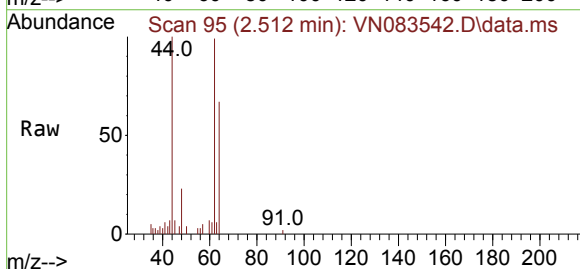
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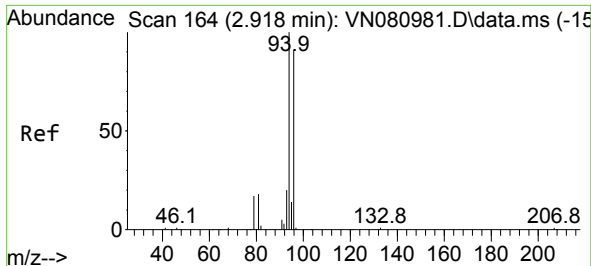
Tgt Ion: 62 Resp: 11036

Ion Ratio Lower Upper

62 100

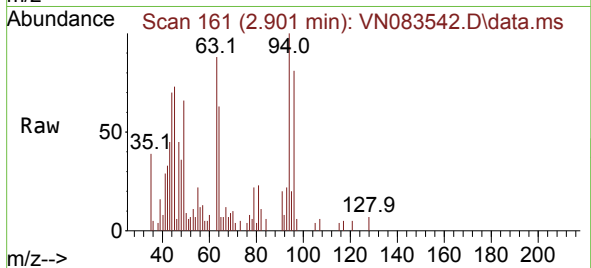
64 38.7 24.1 36.1#



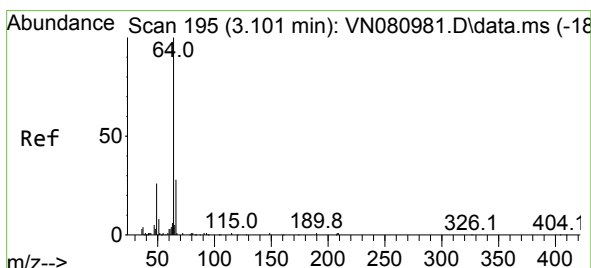
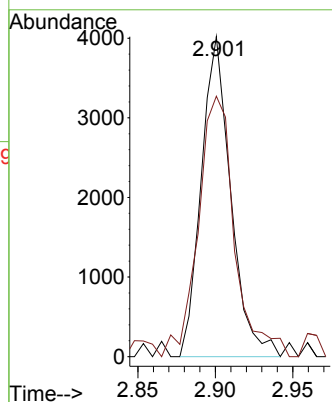
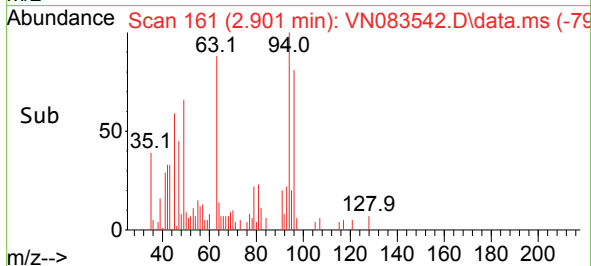


#5
Bromomethane
Concen: 5.074 ug/l
RT: 2.901 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
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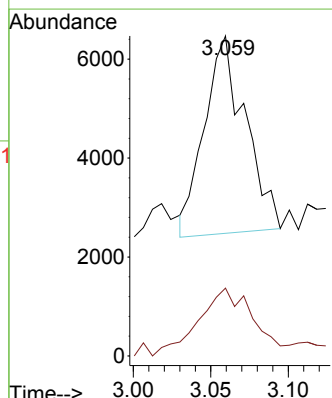
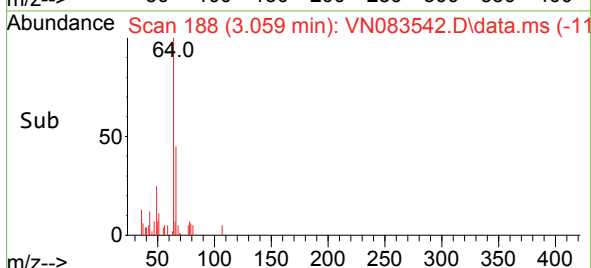
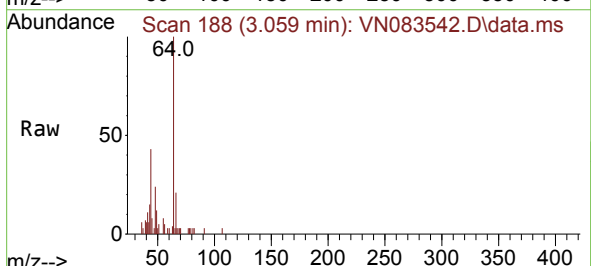


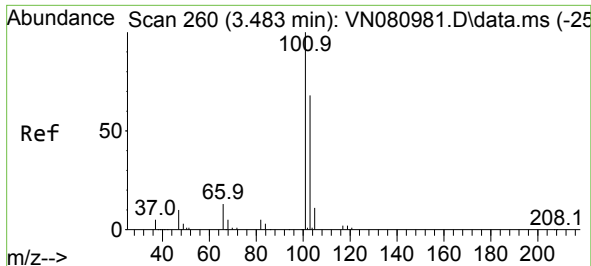
Tgt Ion: 94 Resp: 5326
Ion Ratio Lower Upper
94 100
96 77.6 72.8 109.2



#6
Chloroethane
Concen: 5.203 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.041 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 64 Resp: 7344
Ion Ratio Lower Upper
64 100
66 30.0 26.7 40.1

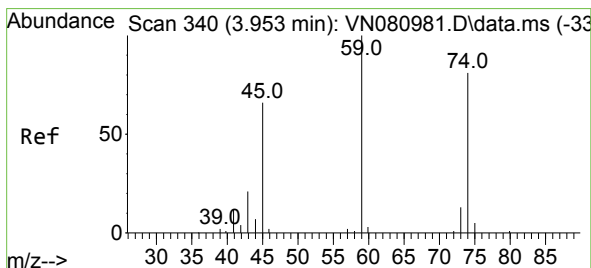
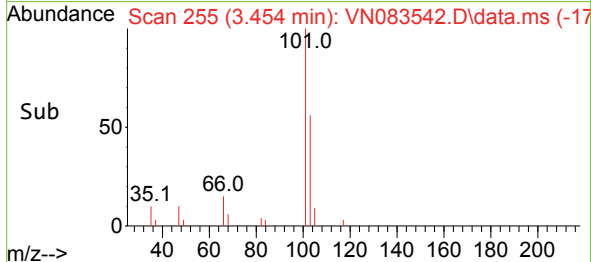
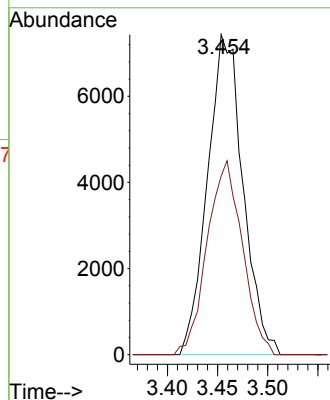
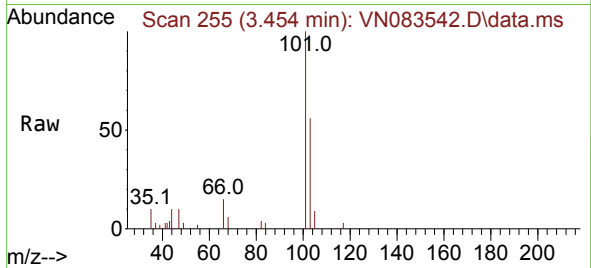




#7
 Trichlorofluoromethane
 Concen: 5.127 ug/l
 RT: 3.454 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VN083542.D
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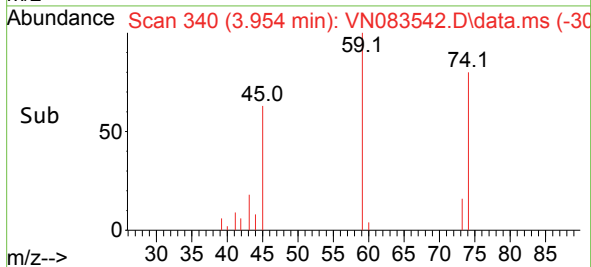
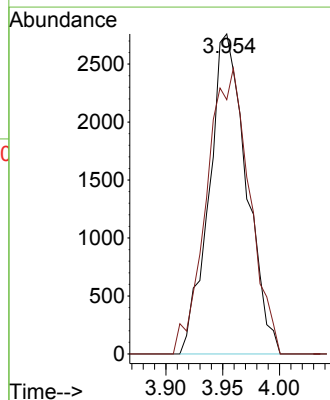
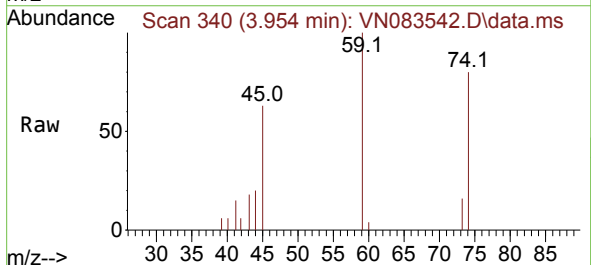
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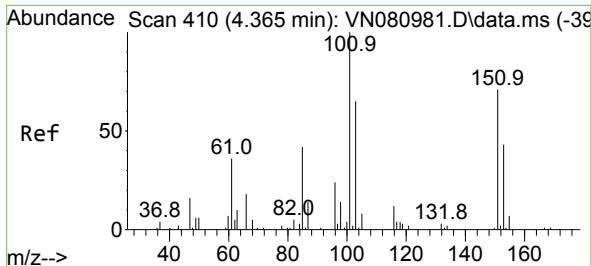
Tgt Ion:101 Resp: 18258
 Ion Ratio Lower Upper
 101 100
 103 55.9 53.0 79.4



#8
 Diethyl Ether
 Concen: 5.052 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN083542.D
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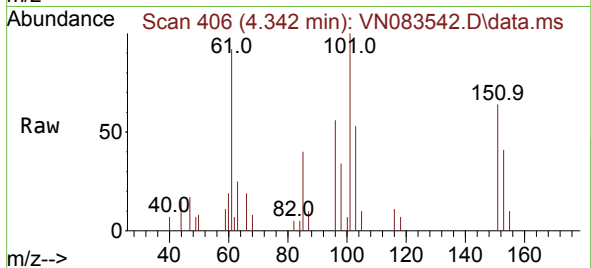
Tgt Ion: 74 Resp: 6320
 Ion Ratio Lower Upper
 74 100
 45 102.4 16.4 147.4



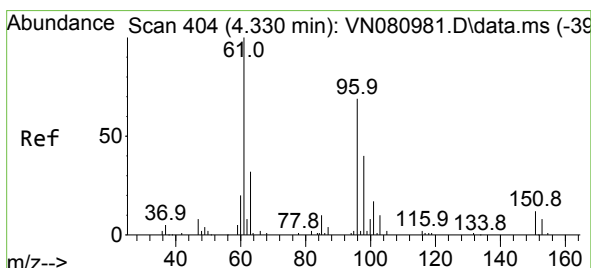
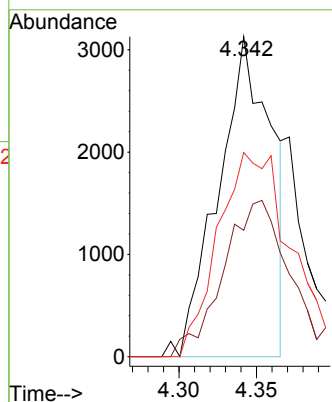
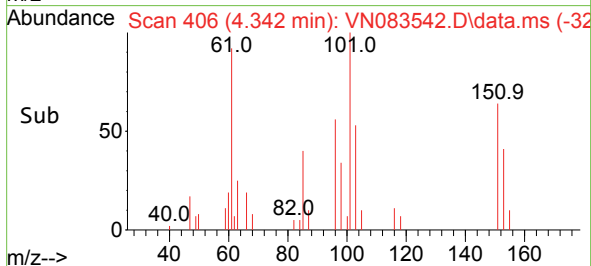


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.759 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.023 min
Lab File: VN083542.D
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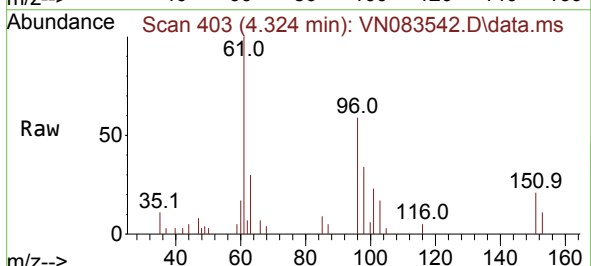
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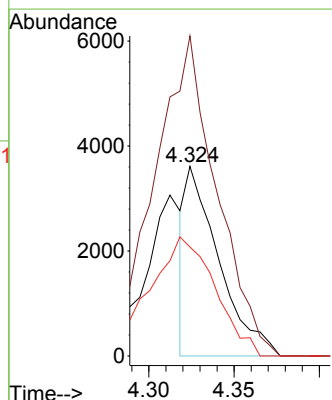
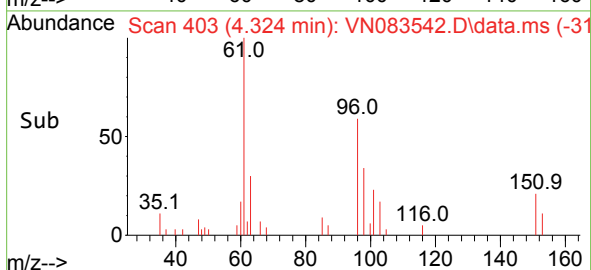
Tgt Ion:101 Resp: 7397
Ion Ratio Lower Upper
101 100
85 58.3 0.0 90.6
151 54.5 0.0 157.6

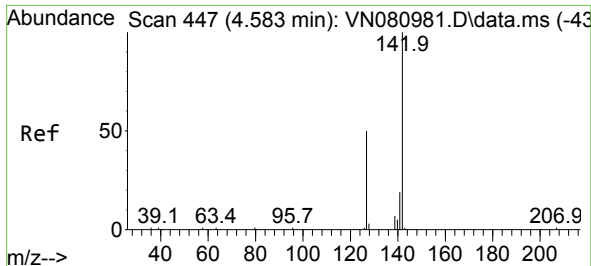


#10
1,1-Dichloroethene
Concen: 2.620 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



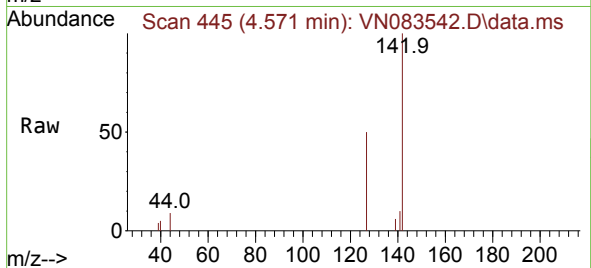
Tgt Ion: 96 Resp: 4880
Ion Ratio Lower Upper
96 100
61 168.8 117.6 176.4
98 57.5 48.4 72.6



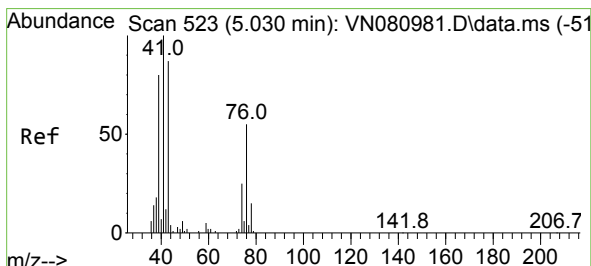
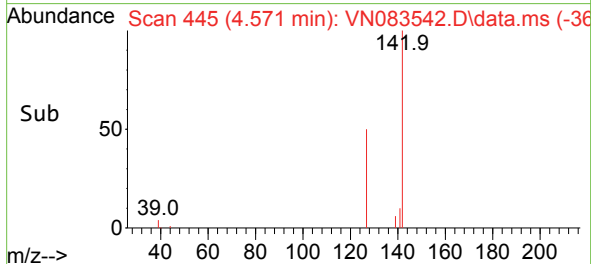
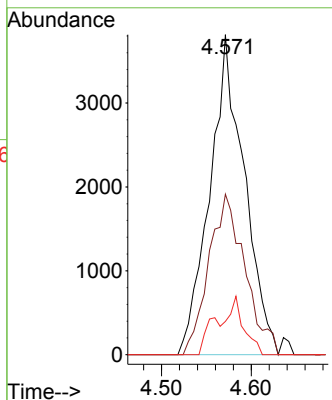


#11
Methyl Iodide
Concen: 3.972 ug/l
RT: 4.571 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :

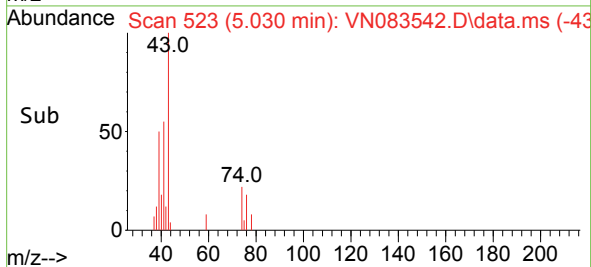
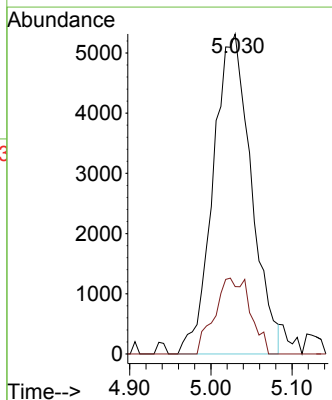
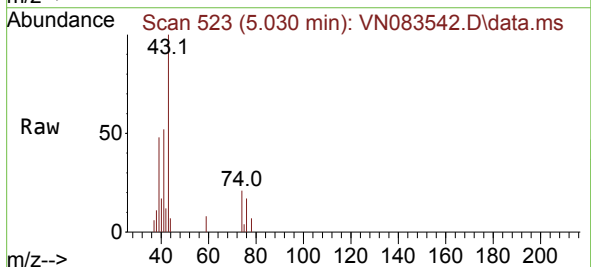


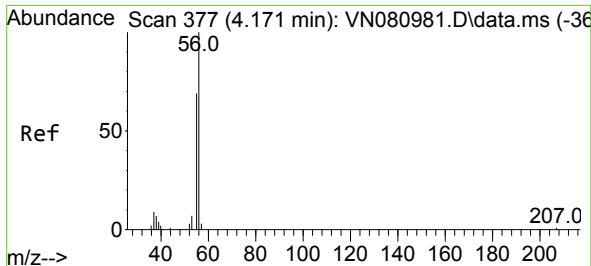
Tgt Ion:142 Resp: 10183
Ion Ratio Lower Upper
142 100
127 50.1 26.3 78.9
141 10.4 8.3 24.9



#12
Methyl Acetate
Concen: 5.408 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

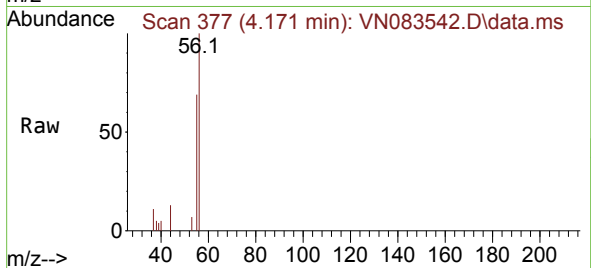
Tgt Ion: 43 Resp: 17292
Ion Ratio Lower Upper
43 100
74 22.1 27.7 41.5#



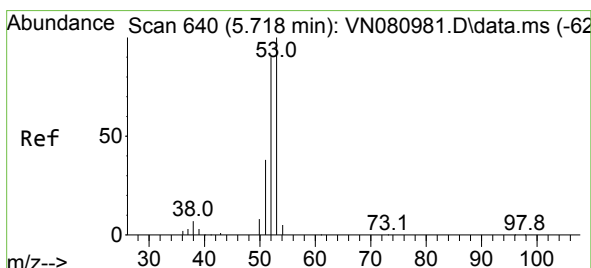
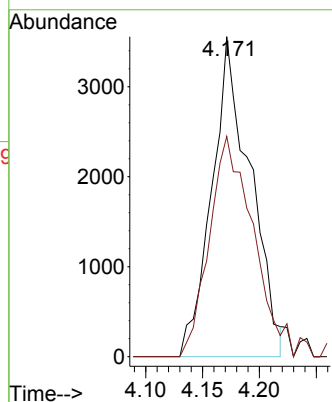
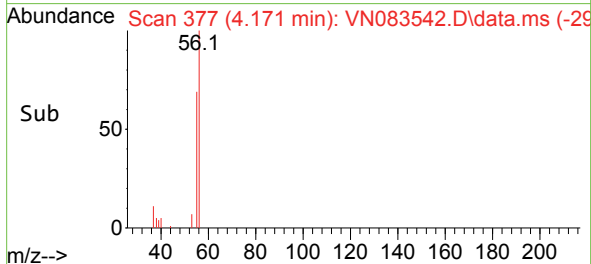


#13
Acrolein
Concen: 27.130 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

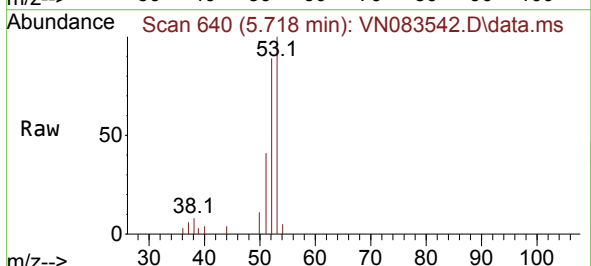
Instrument :
MSVOA_N
ClientSampleId :



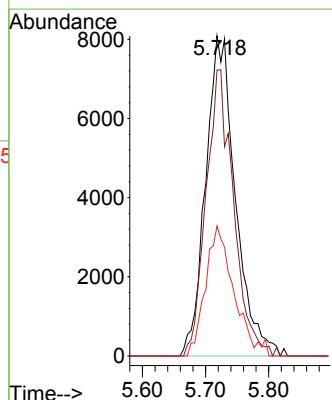
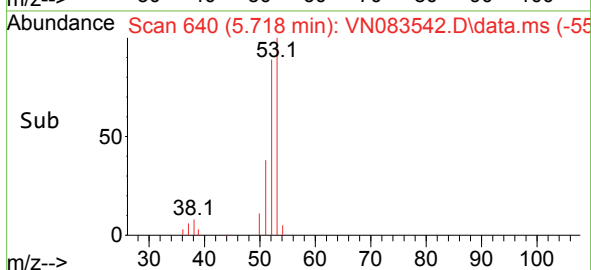
Tgt Ion: 56 Resp: 8366
Ion Ratio Lower Upper
56 100
55 76.4 55.5 83.3

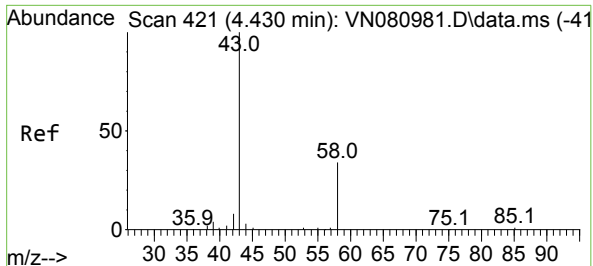


#14
Acrylonitrile
Concen: 26.756 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



Tgt Ion: 53 Resp: 26565
Ion Ratio Lower Upper
53 100
52 81.9 41.3 123.9
51 37.3 16.8 50.3

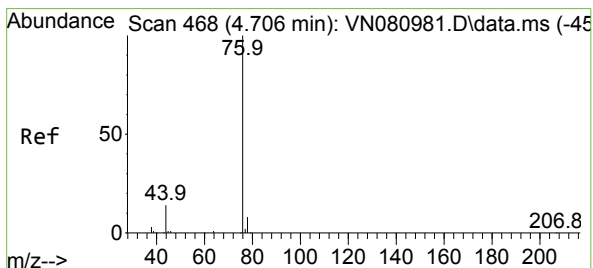
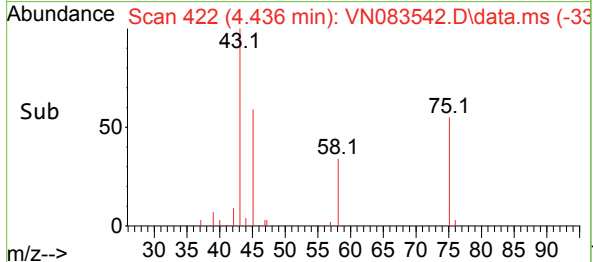
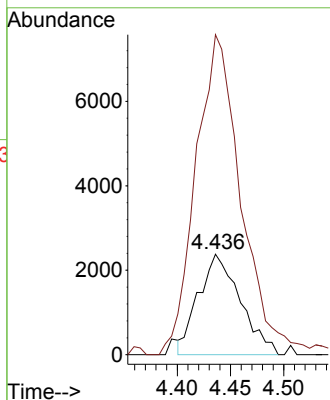
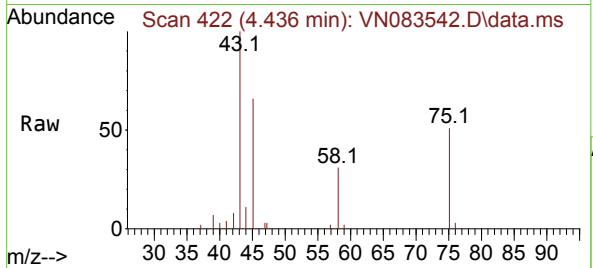




#15
Acetone
Concen: 22.099 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

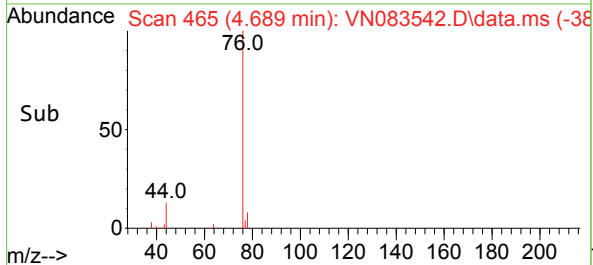
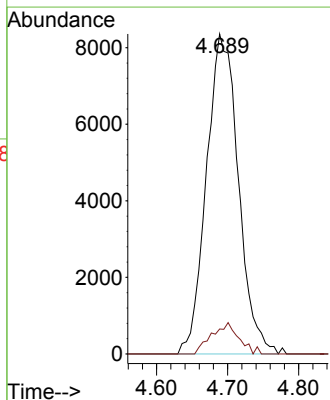
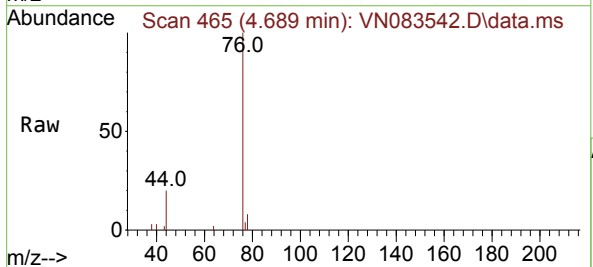
Instrument :
MSVOA_N
ClientSampleId :

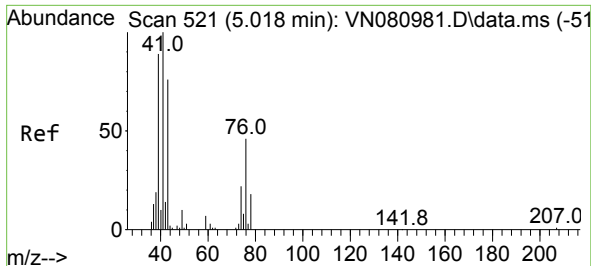
Tgt Ion: 58 Resp: 6492
Ion Ratio Lower Upper
58 100
43 296.4 223.1 334.7



#16
Carbon Disulfide
Concen: 5.198 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.018 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

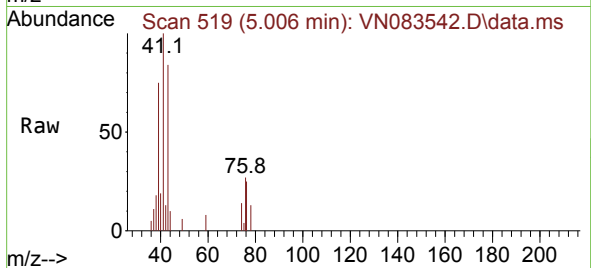
Tgt Ion: 76 Resp: 26088
Ion Ratio Lower Upper
76 100
78 7.8 6.3 9.5



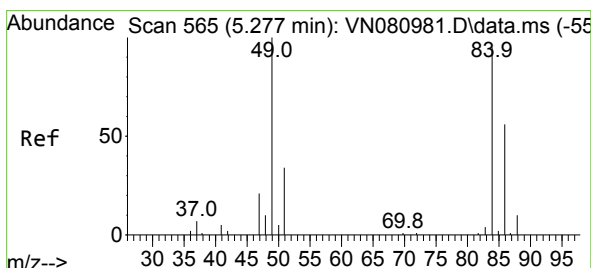
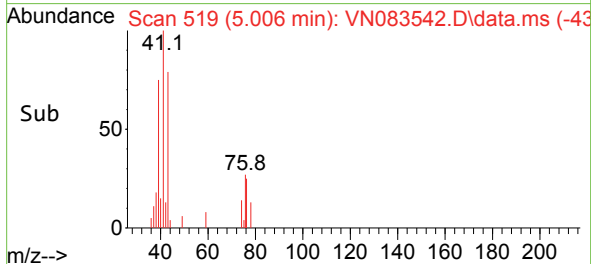
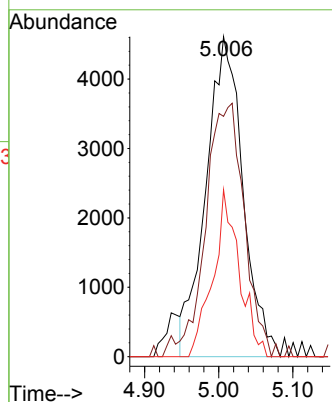


#17
 Allyl chloride
 Concen: 4.642 ug/l
 RT: 5.006 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

Instrument :
 MSVOA_N
 ClientSampleId :

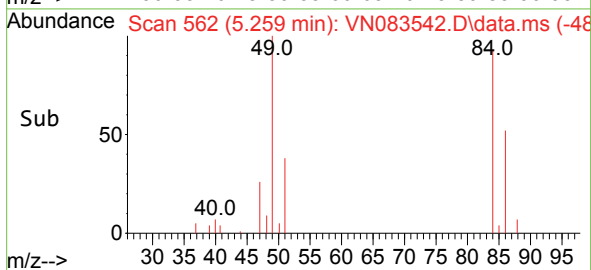
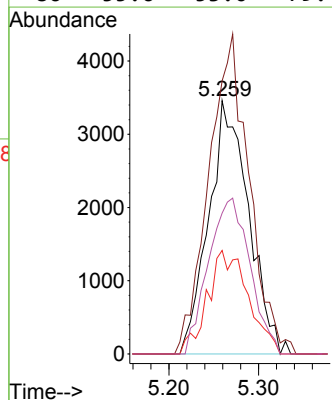
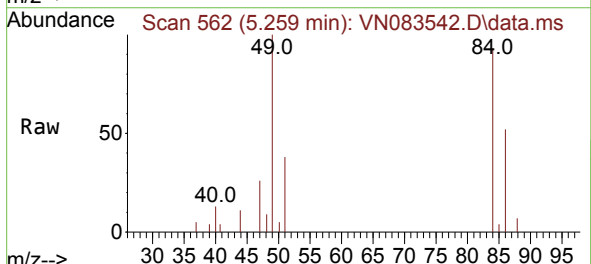


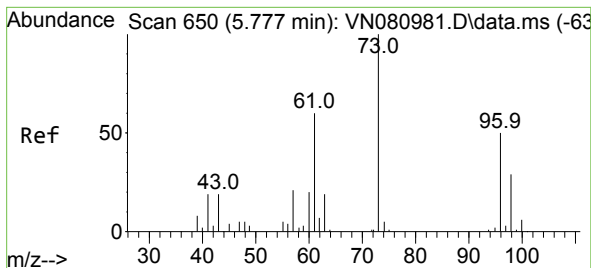
Tgt Ion:	41	Resp:	15967
Ion	Ratio	Lower	Upper
41	100		
39	75.1	37.6	112.9
76	52.2	27.8	83.4



#18
 Methylene Chloride
 Concen: 5.133 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. -0.018 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

Tgt Ion:	84	Resp:	10604
Ion	Ratio	Lower	Upper
84	100		
49	103.4	86.0	129.0
51	40.8	30.0	45.0
86	55.6	53.0	79.4





#19

trans-1,2-Dichloroethene

Concen: 4.869 ug/l

RT: 5.771 min Scan# 649

Delta R.T. -0.006 min

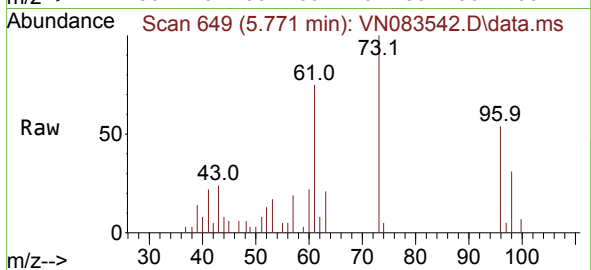
Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :



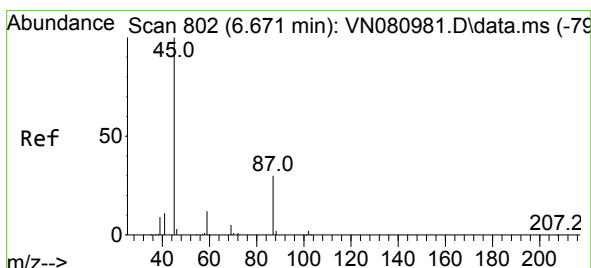
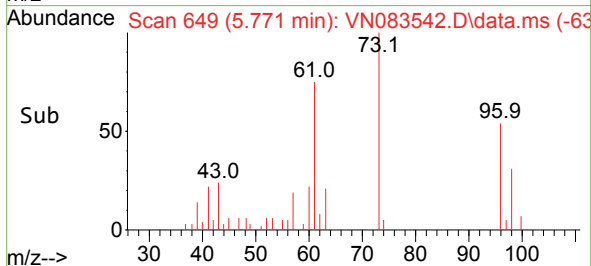
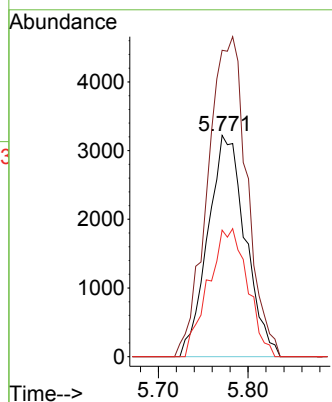
Tgt Ion: 96 Resp: 9350

Ion Ratio Lower Upper

96 100

61 138.5 111.8 167.6

98 57.2 49.2 73.8



#20

Diisopropyl ether

Concen: 4.865 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Tgt Ion: 45 Resp: 32540

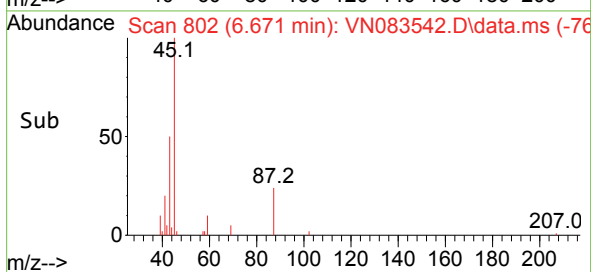
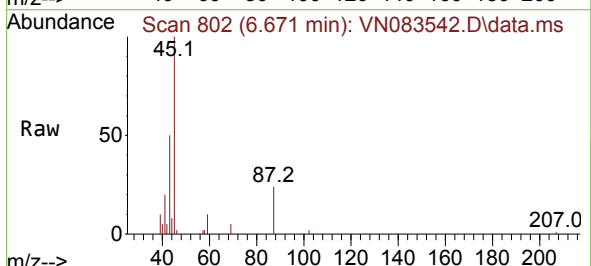
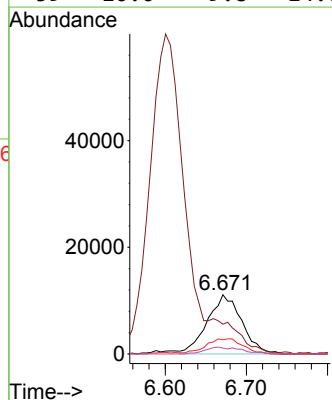
Ion Ratio Lower Upper

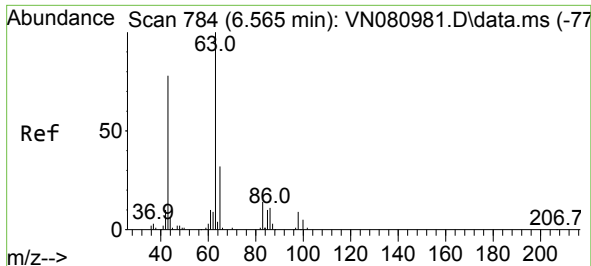
45 100

43 48.0 40.4 60.6

87 24.2 23.8 35.8

59 10.0 9.8 14.6





#21

1,1-Dichloroethane

Concen: 5.101 ug/l

RT: 6.559 min Scan# 71

Delta R.T. -0.006 min

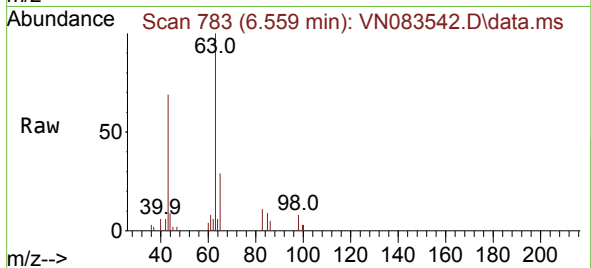
Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :



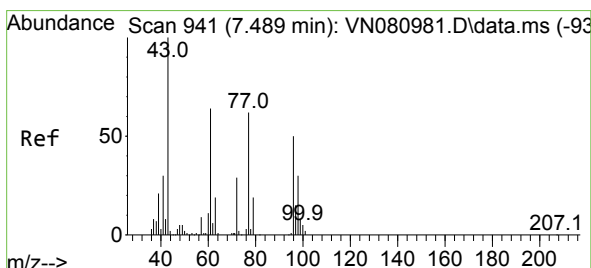
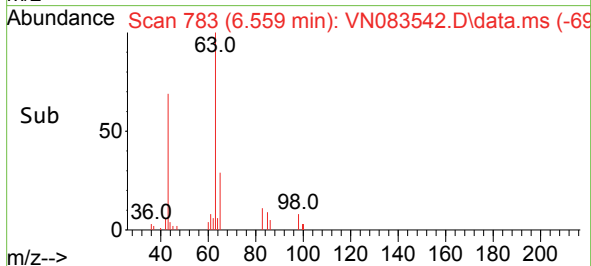
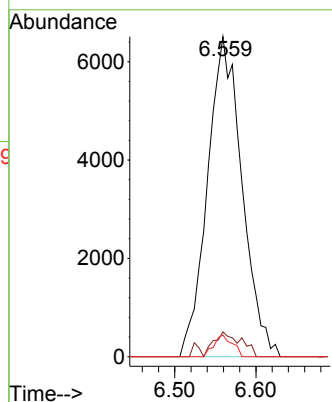
Tgt Ion: 63 Resp: 19262

Ion Ratio Lower Upper

63 100

98 7.8 4.1 12.3

100 6.8 3.0 9.0



#22

cis-1,2-Dichloroethene

Concen: 4.673 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

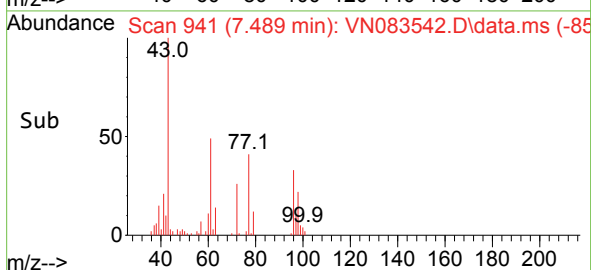
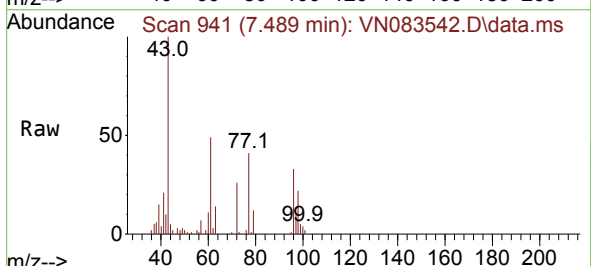
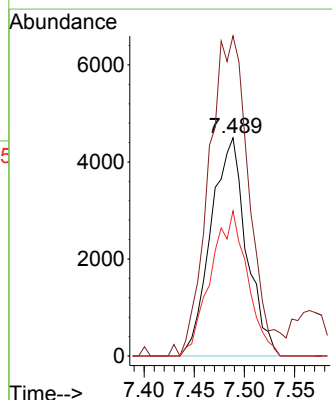
Tgt Ion: 96 Resp: 11100

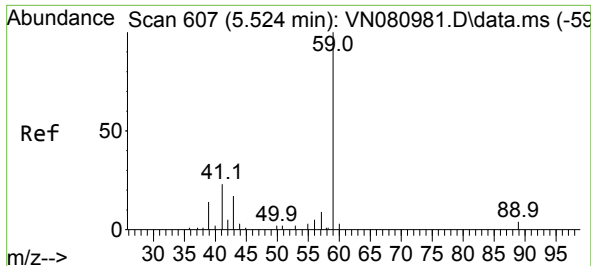
Ion Ratio Lower Upper

96 100

61 85.6 113.5 170.3#

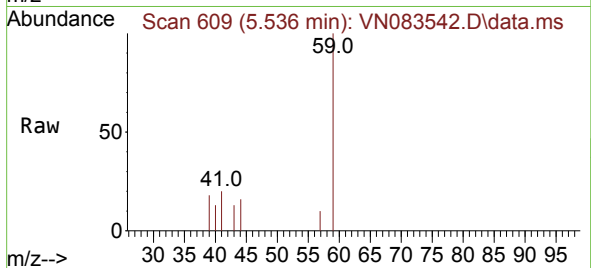
98 68.3 52.0 78.0



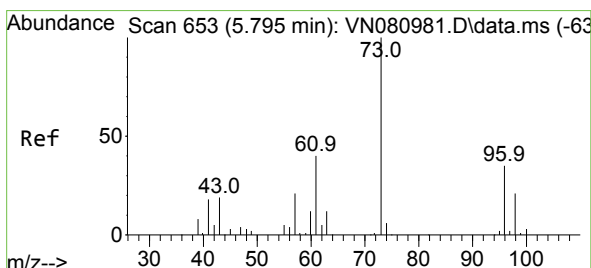
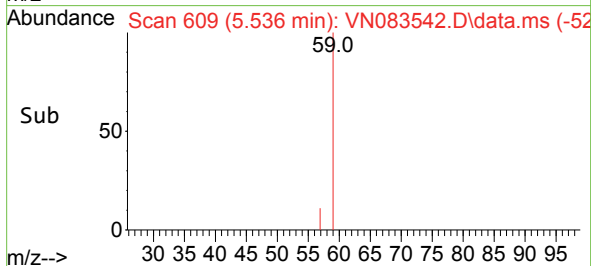
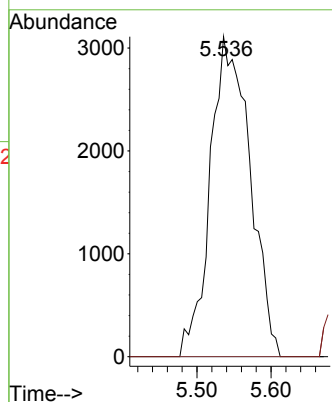


#23
 tert-Butyl Alcohol
 Concen: 27.632 ug/l
 RT: 5.536 min Scan# 607
 Delta R.T. 0.012 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

Instrument :
 MSVOA_N
 ClientSampleId :

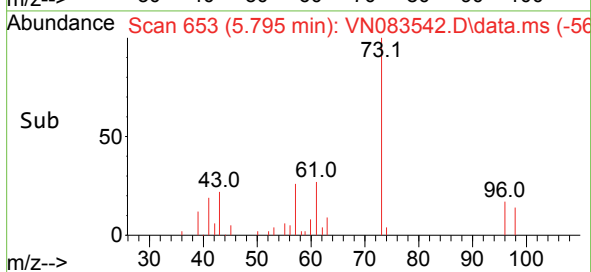
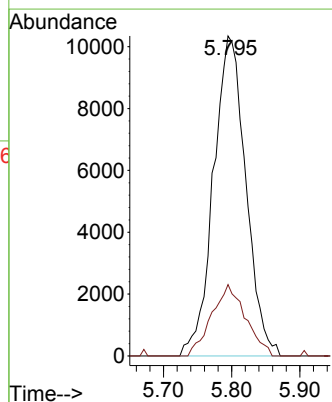
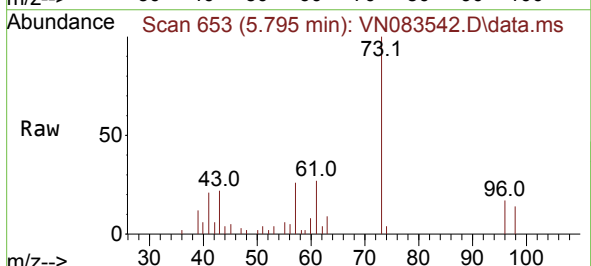


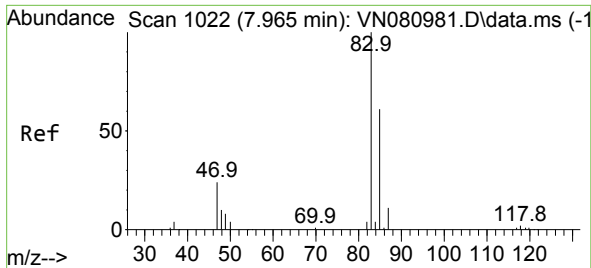
Tgt Ion: 59 Resp: 11575
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 4.957 ug/l
 RT: 5.795 min Scan# 653
 Delta R.T. 0.000 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

Tgt Ion: 73 Resp: 34195
 Ion Ratio Lower Upper
 73 100
 43 23.3 13.4 20.2#

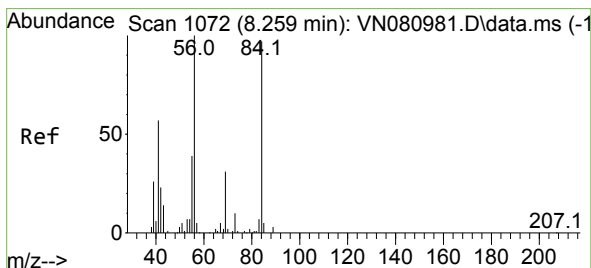
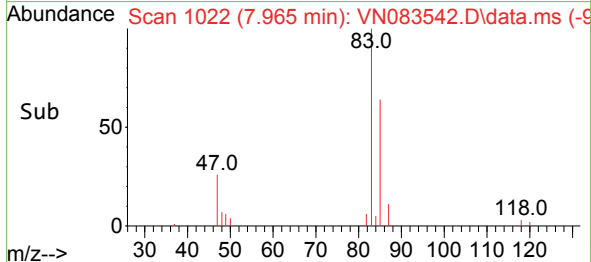
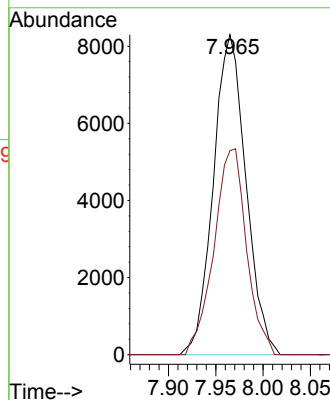
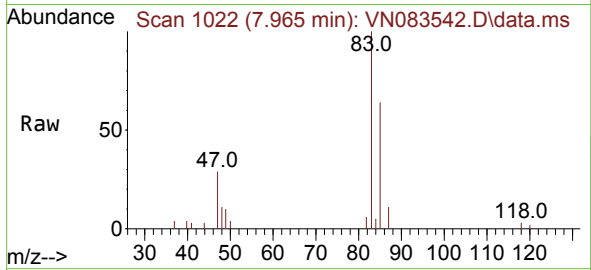




#25
Chloroform
Concen: 4.961 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

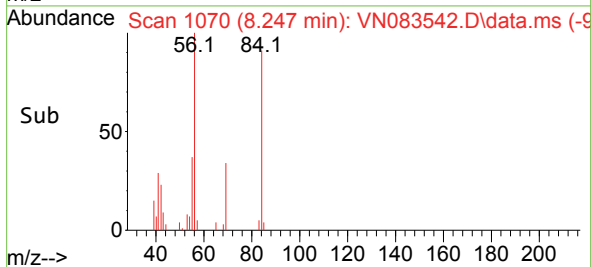
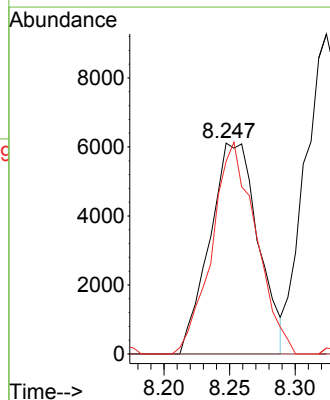
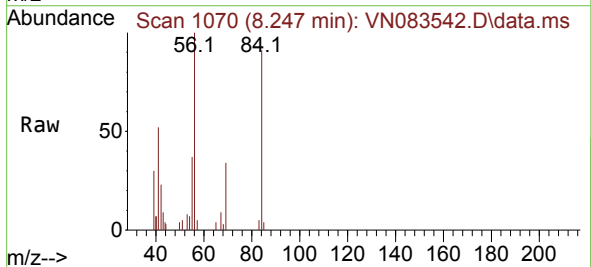
Instrument :
MSVOA_N
ClientSampleId :

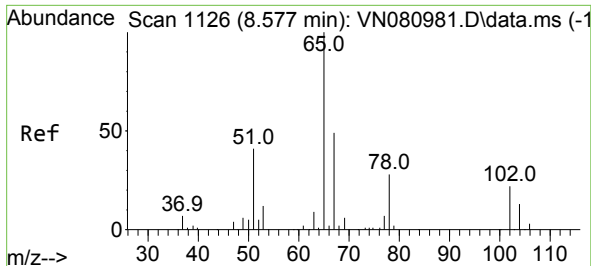
Tgt Ion: 83 Resp: 19862
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3



#26
Cyclohexane
Concen: 4.786 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.012 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 56 Resp: 15712
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 91.4 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 30.552 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

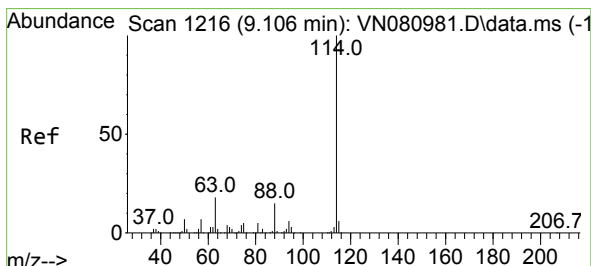
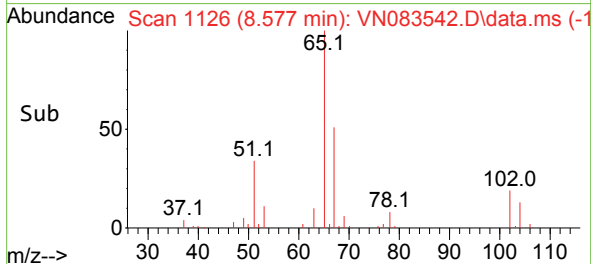
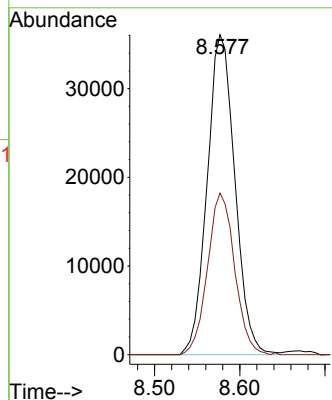
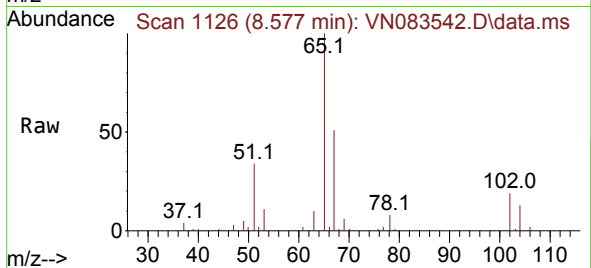
ClientSampleId :

Tgt Ion: 65 Resp: 81600

Ion Ratio Lower Upper

65 100

67 49.3 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

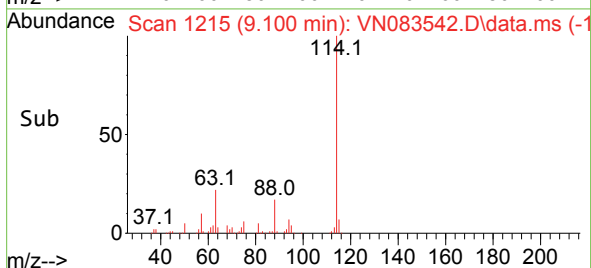
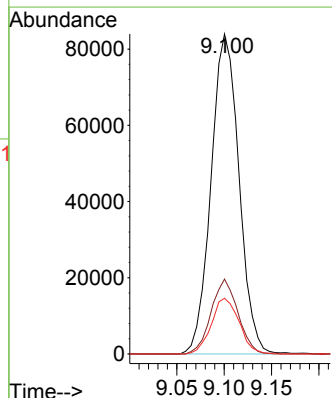
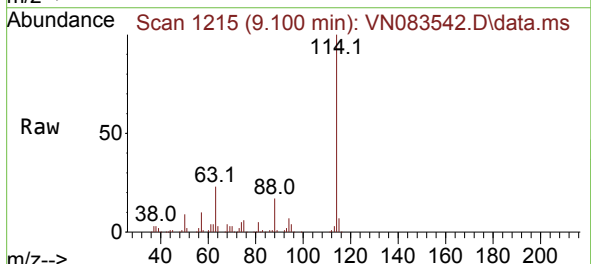
Tgt Ion: 114 Resp: 172289

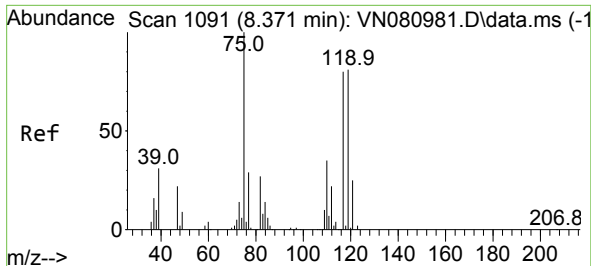
Ion Ratio Lower Upper

114 100

63 22.4 15.9 23.9

88 17.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 4.974 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

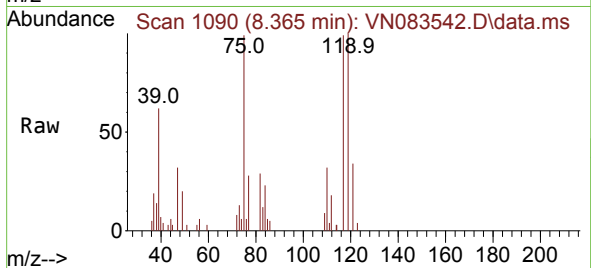
Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :



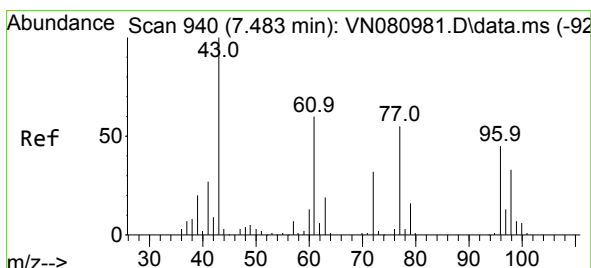
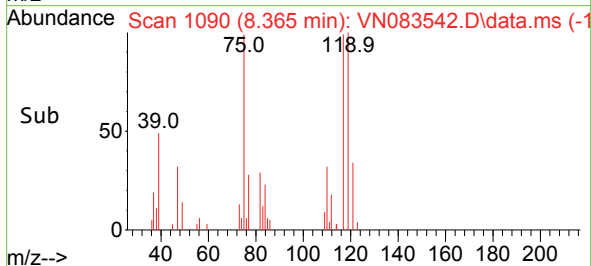
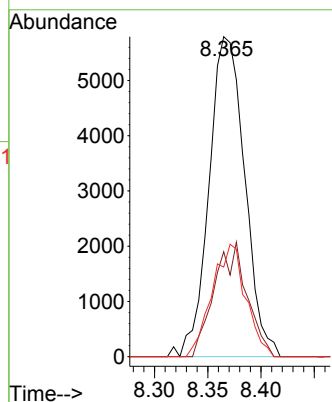
Tgt Ion: 75 Resp: 13443

Ion Ratio Lower Upper

75 100

110 18.1 0.0 70.2

77 33.4 0.0 61.4



#30

2-Butanone

Concen: 25.629 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

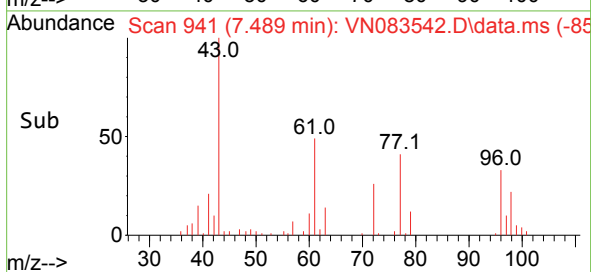
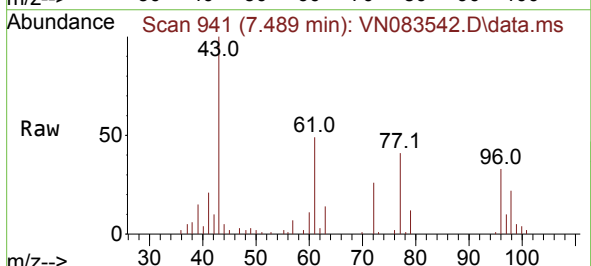
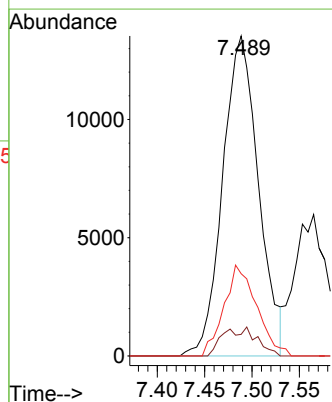
Tgt Ion: 43 Resp: 35539

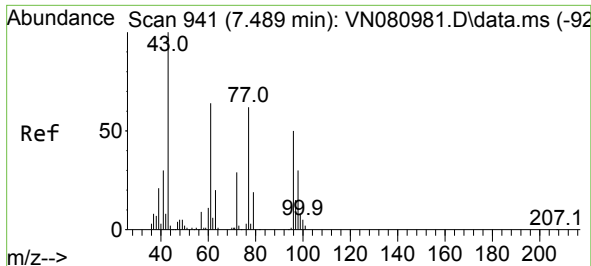
Ion Ratio Lower Upper

43 100

57 4.5 6.7 10.1#

72 25.9 24.0 36.0





#31

2,2-Dichloropropane

Concen: 4.316 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

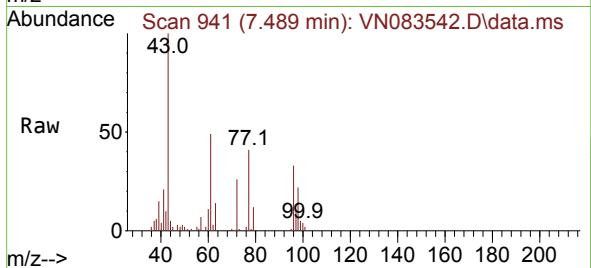
Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

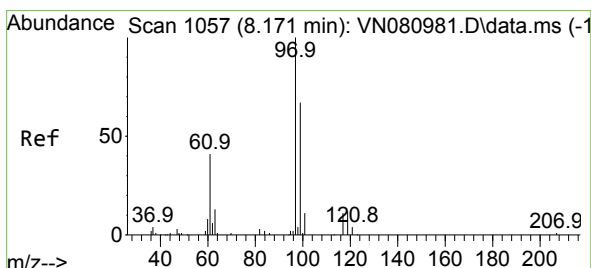
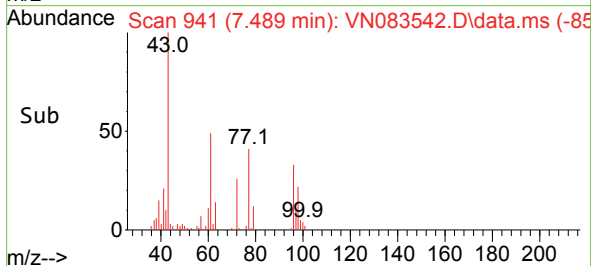
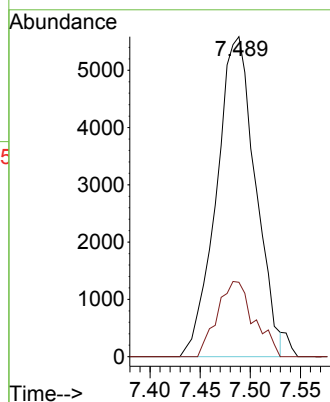


Tgt Ion: 77 Resp: 15126

Ion Ratio Lower Upper

77 100

97 22.0 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 4.858 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

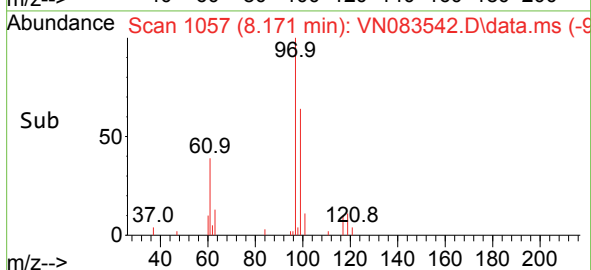
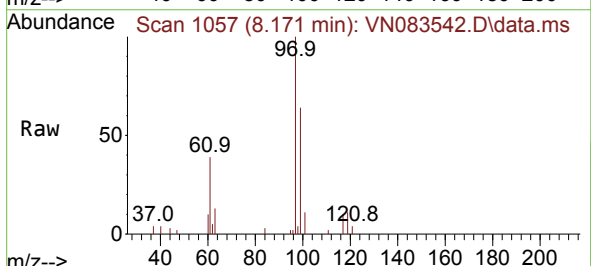
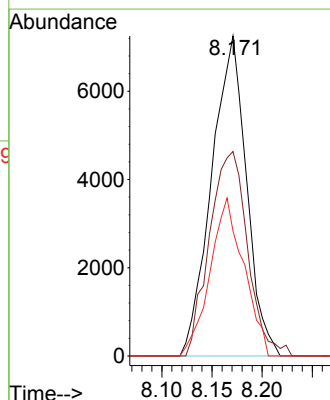
Tgt Ion: 97 Resp: 17549

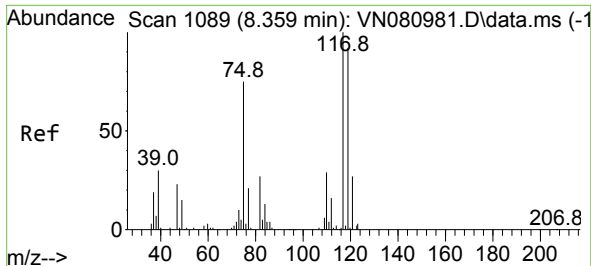
Ion Ratio Lower Upper

97 100

99 69.9 51.0 76.4

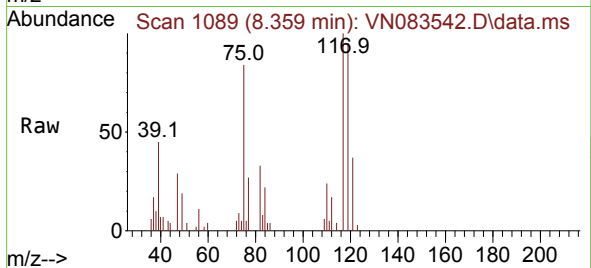
61 47.8 33.8 50.8



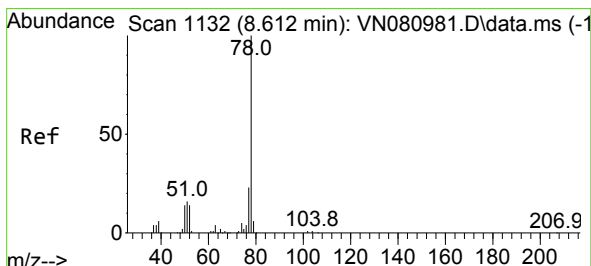
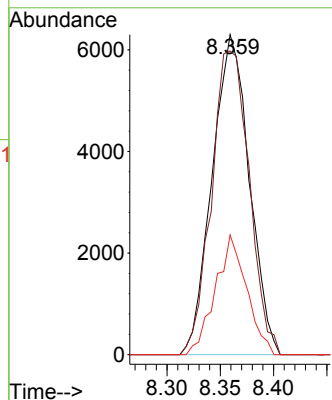
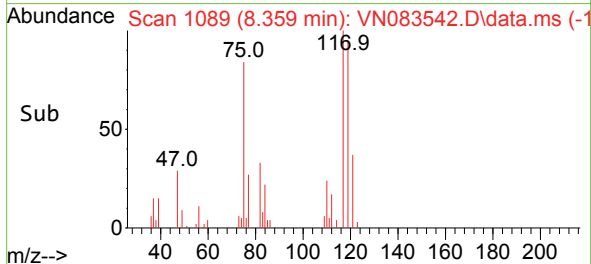


#33
Carbon Tetrachloride
Concen: 4.845 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :

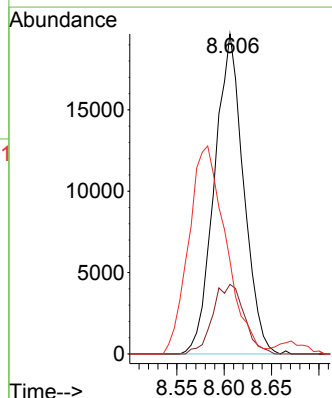
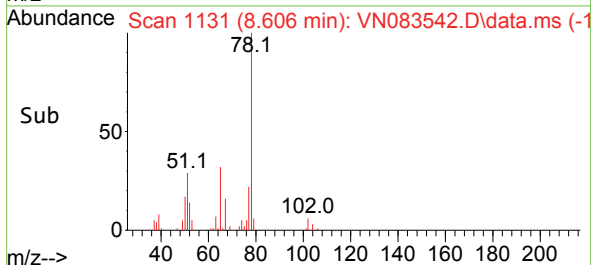
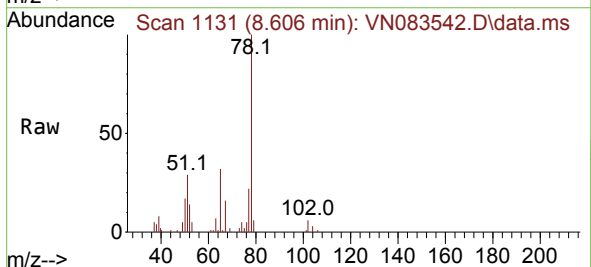


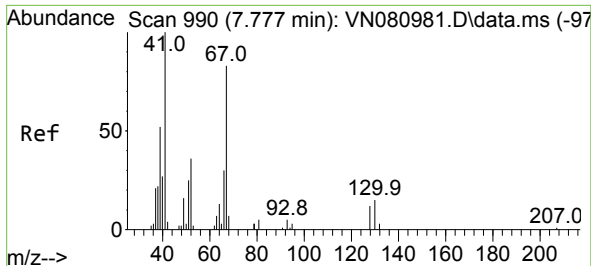
Tgt Ion:117 Resp: 15241
Ion Ratio Lower Upper
117 100
119 94.9 77.7 116.5
121 37.4 27.0 40.6



#34
Benzene
Concen: 5.112 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

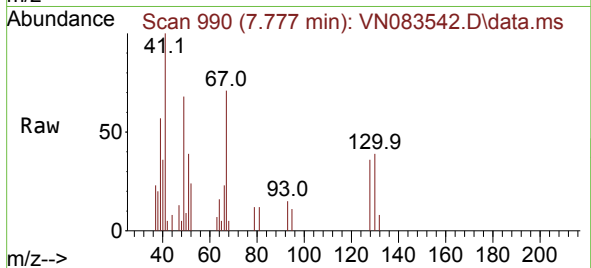
Tgt Ion: 78 Resp: 41926
Ion Ratio Lower Upper
78 100
77 21.8 19.2 28.8
51 26.0 13.3 19.9#



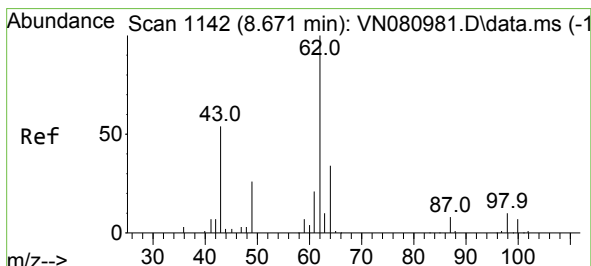
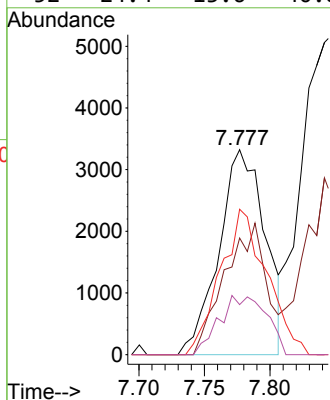
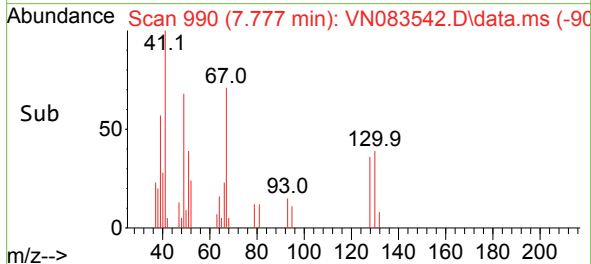


#35
Methacrylonitrile
Concen: 5.080 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :

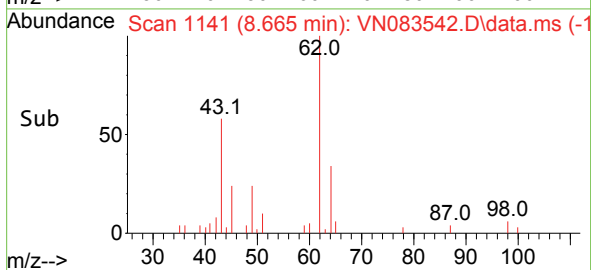
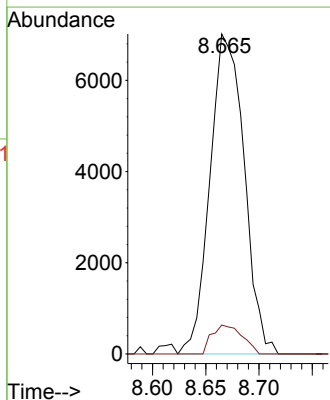
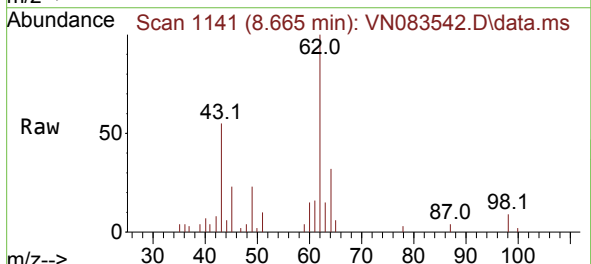


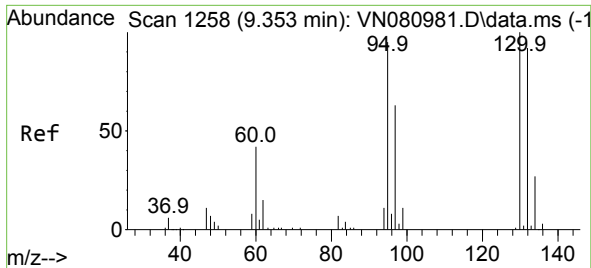
Tgt Ion:	41	Resp:	8150
Ion Ratio	Lower	Upper	
41	100		
39	56.9	25.3	75.9
67	71.0	38.7	116.1
52	24.4	13.6	40.8



#36
1,2-Dichloroethane
Concen: 5.116 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion:	62	Resp:	15647
Ion Ratio	Lower	Upper	
62	100		
98	8.0	8.2	12.4





#37

Trichloroethene

Concen: 4.998 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

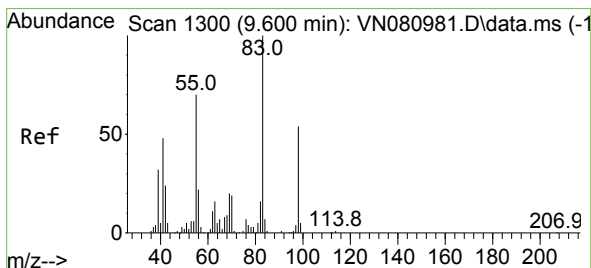
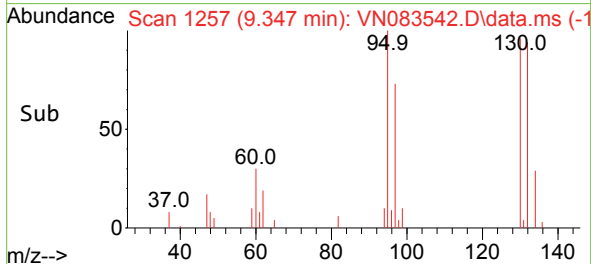
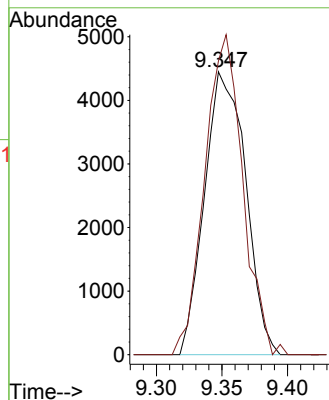
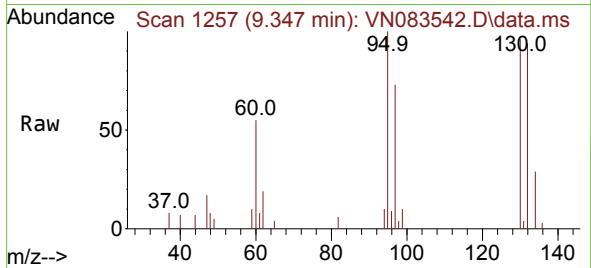
ClientSampleId :

Tgt Ion:130 Resp: 9714

Ion Ratio Lower Upper

130 100

95 100.2 80.2 120.4



#38

Methylcyclohexane

Concen: 4.697 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

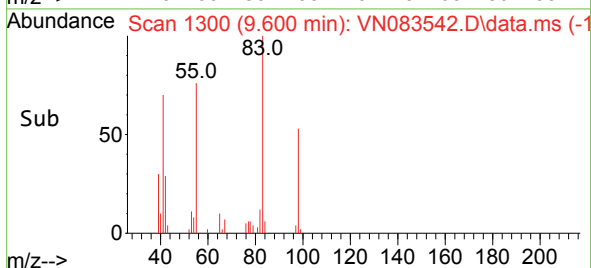
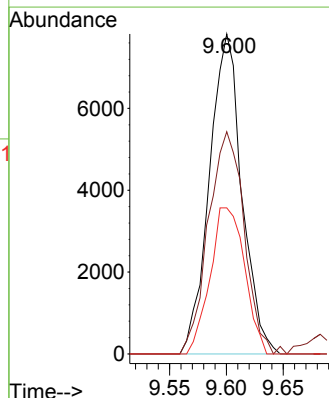
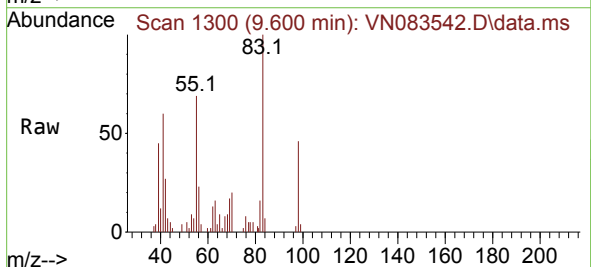
Tgt Ion: 83 Resp: 15570

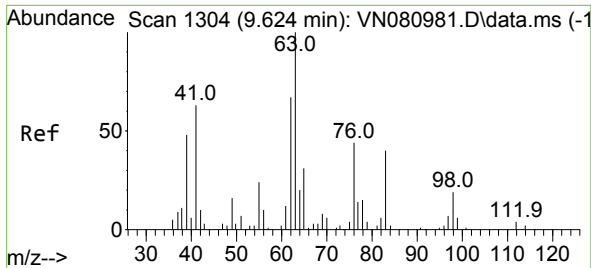
Ion Ratio Lower Upper

83 100

55 76.1 36.6 109.9

98 48.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 4.895 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

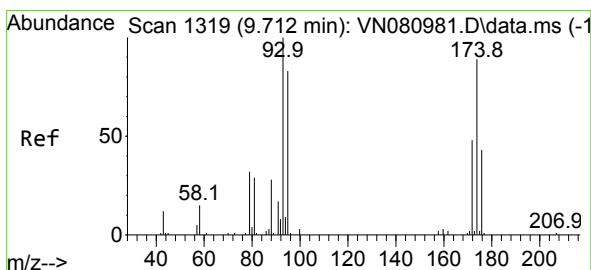
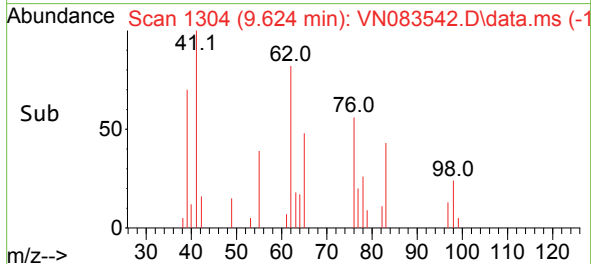
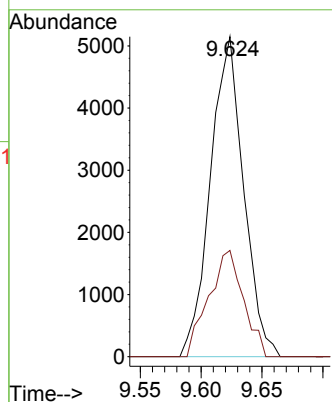
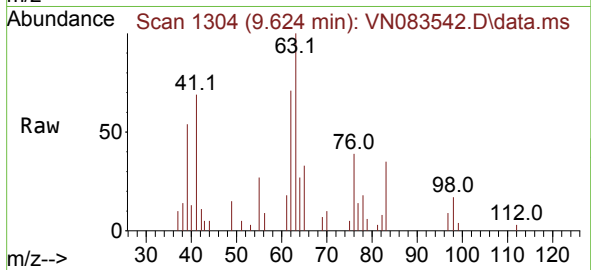
ClientSampleId :

Tgt Ion: 63 Resp: 9761

Ion Ratio Lower Upper

63 100

65 33.2 25.0 37.4



#40

Dibromomethane

Concen: 5.325 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

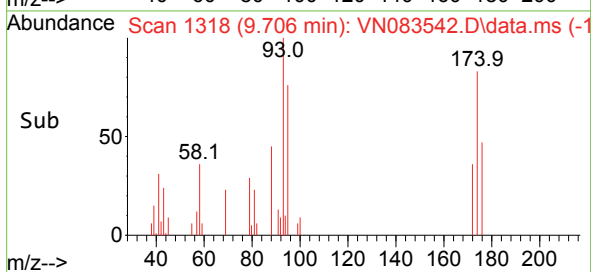
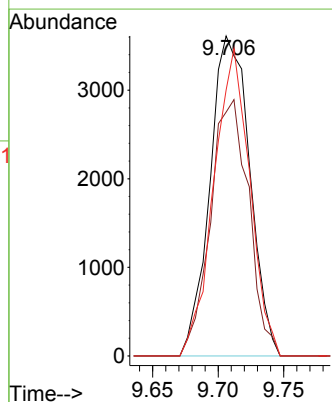
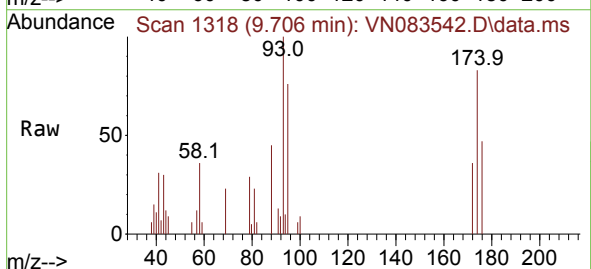
Tgt Ion: 93 Resp: 7622

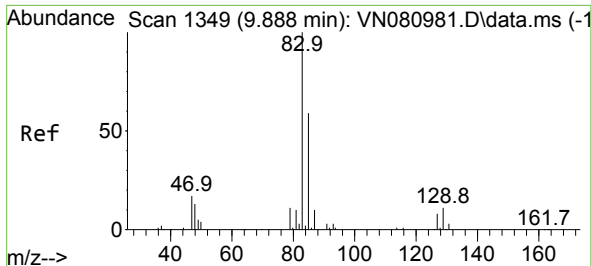
Ion Ratio Lower Upper

93 100

95 77.2 0.0 164.6

174 87.1 0.0 193.2

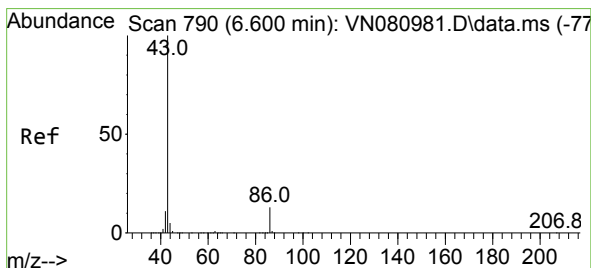
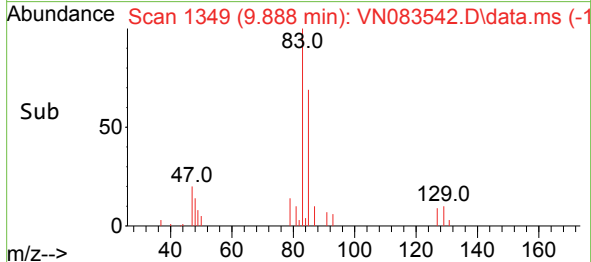
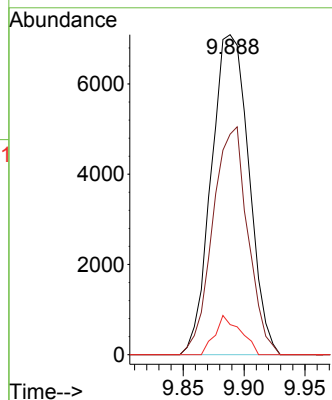
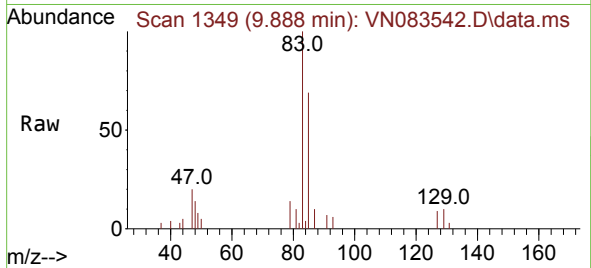




#41
Bromodichloromethane
Concen: 4.921 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

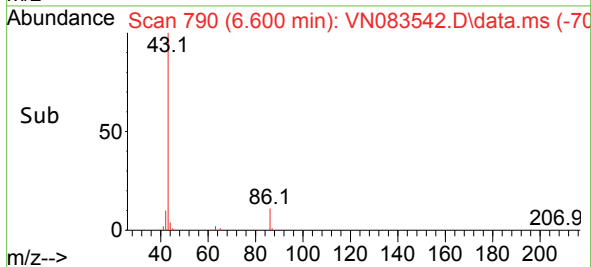
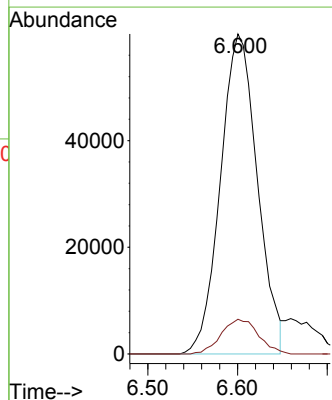
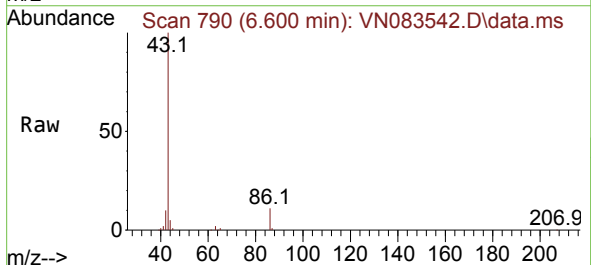
Instrument :
MSVOA_N
ClientSampleId :

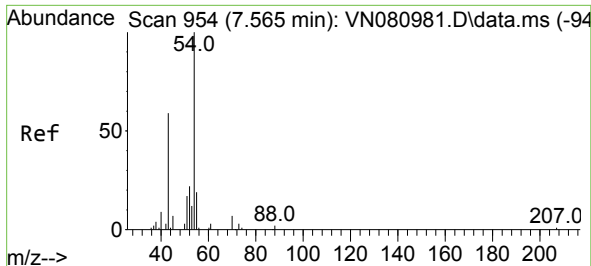
Tgt Ion: 83 Resp: 15225
Ion Ratio Lower Upper
83 100
85 68.9 49.4 74.2
127 9.4 7.3 10.9



#42
Vinyl Acetate
Concen: 25.200 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 43 Resp: 171482
Ion Ratio Lower Upper
43 100
86 11.0 9.4 14.2

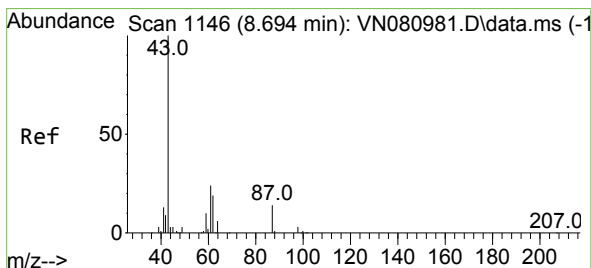
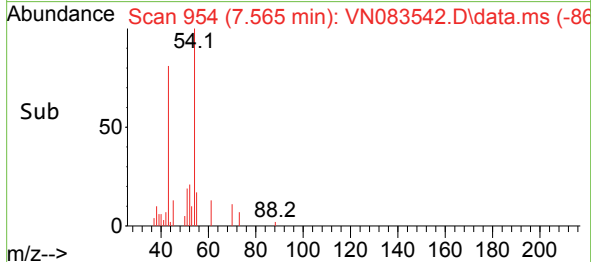
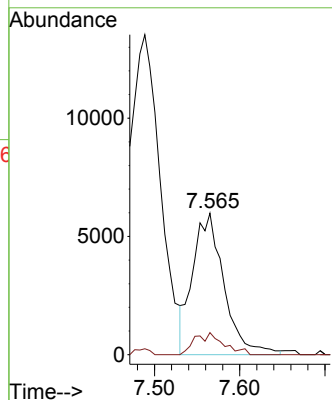
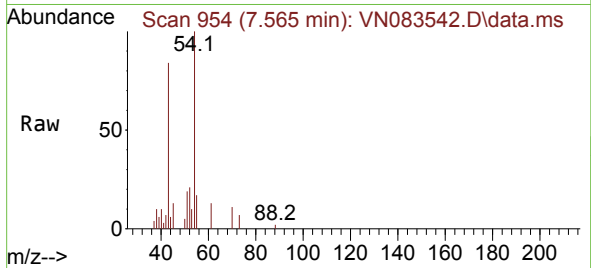




#43
Ethyl Acetate
Concen: 5.716 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

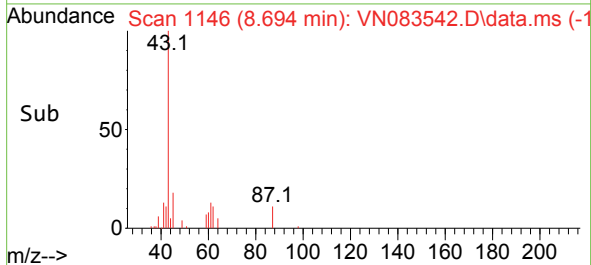
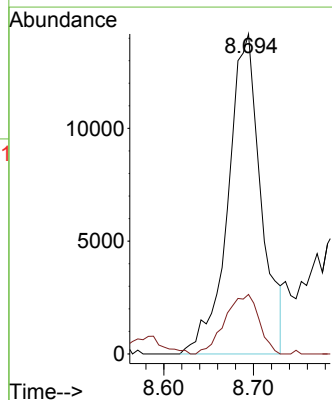
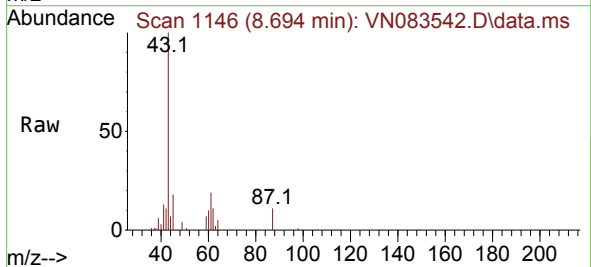
Instrument :
MSVOA_N
ClientSampleId :

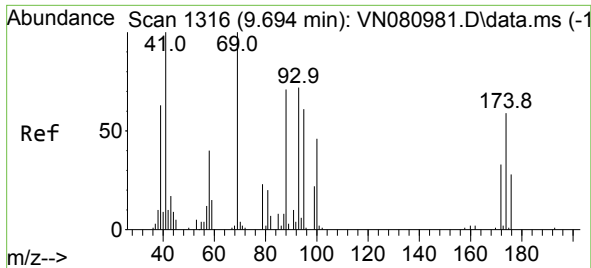
Tgt Ion: 43 Resp: 15224
Ion Ratio Lower Upper
43 100
45 7.1 10.6 15.8#



#44
Isopropyl Acetate
Concen: 5.760 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

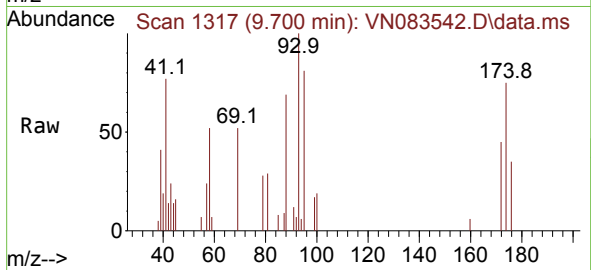
Tgt Ion: 43 Resp: 36245
Ion Ratio Lower Upper
43 100
61 19.1 25.0 37.4#



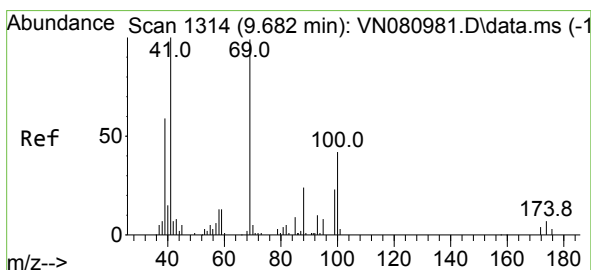
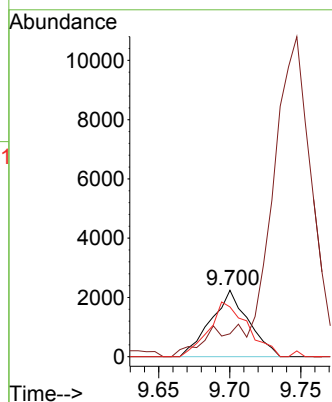
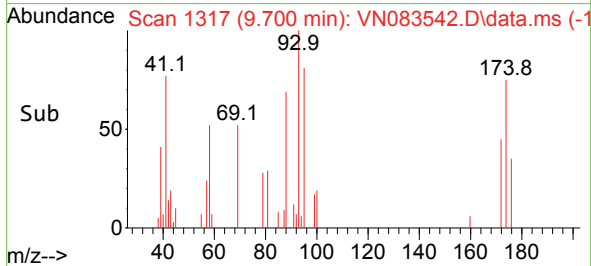


#45
1,4-Dioxane
Concen: 101.172 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :

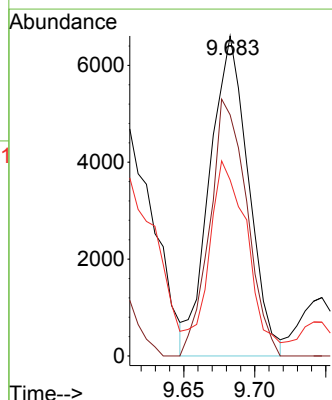
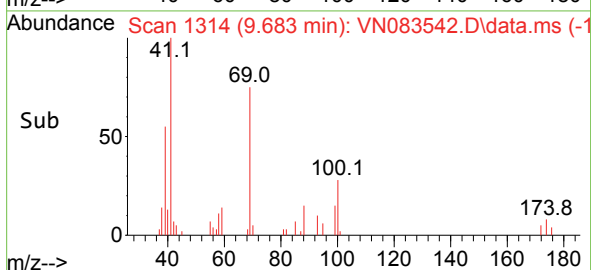
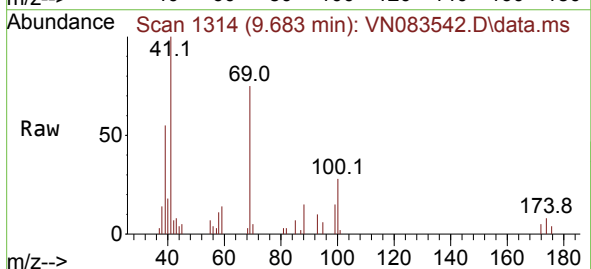


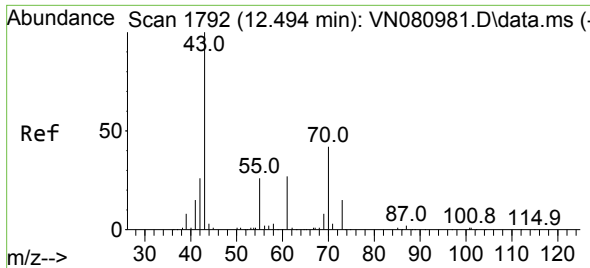
Tgt Ion: 88 Resp: 4128
Ion Ratio Lower Upper
88 100
43 21.6 19.8 29.6
58 84.7 55.4 83.0#



#46
Methyl methacrylate
Concen: 5.387 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 41 Resp: 12525
Ion Ratio Lower Upper
41 100
69 79.4 51.1 153.3
39 53.6 25.8 77.3

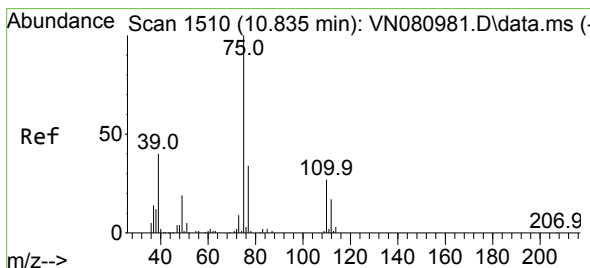
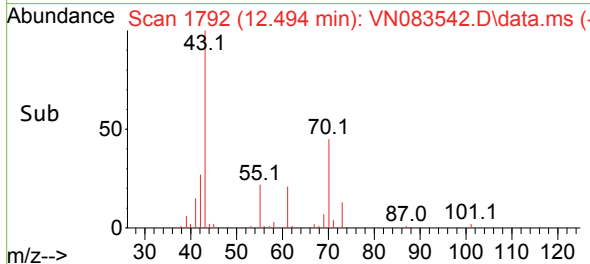
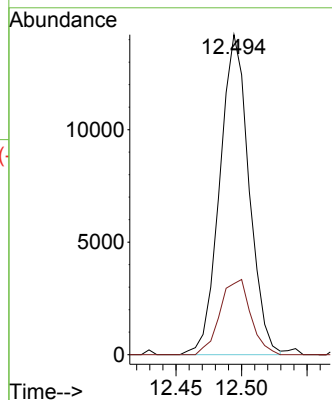
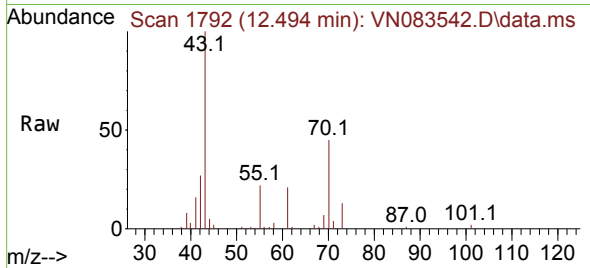




#47
n-amyl acetate
Concen: 5.097 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

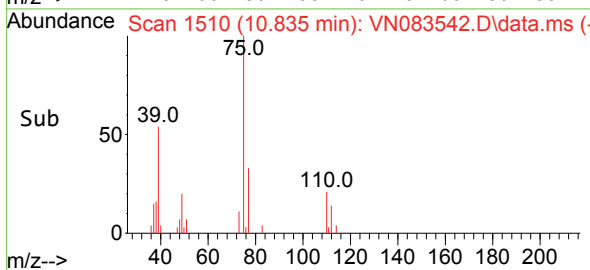
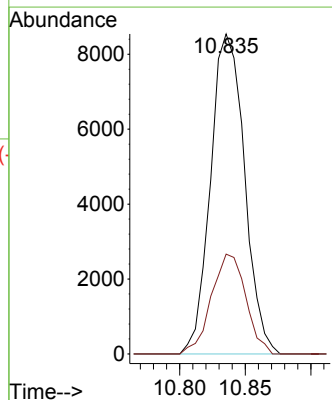
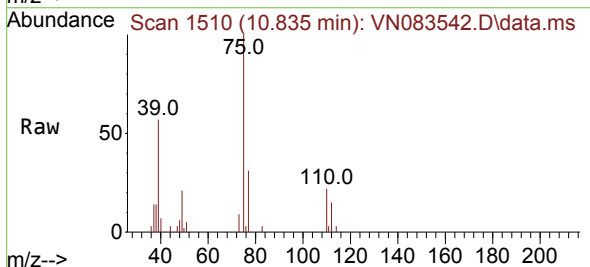
Instrument :
MSVOA_N
ClientSampleId :

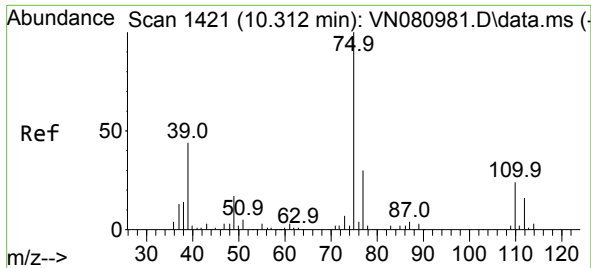
Tgt Ion: 43 Resp: 22071
Ion Ratio Lower Upper
43 100
55 24.7 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 4.692 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

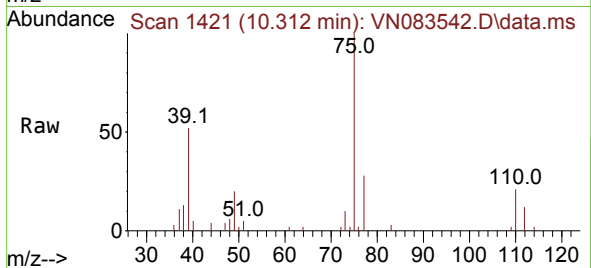
Tgt Ion: 75 Resp: 15393
Ion Ratio Lower Upper
75 100
77 31.2 23.8 35.6



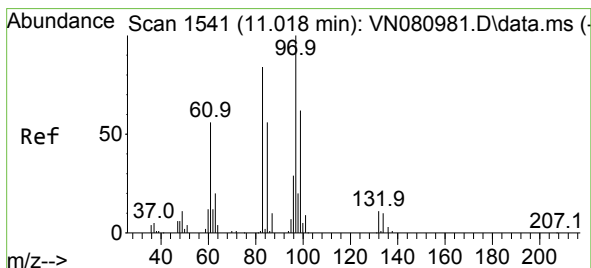
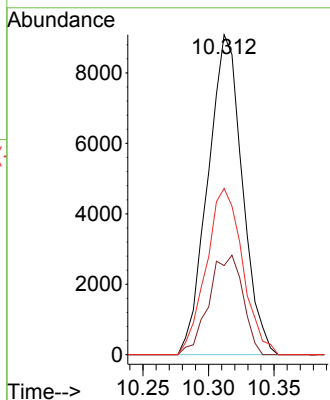
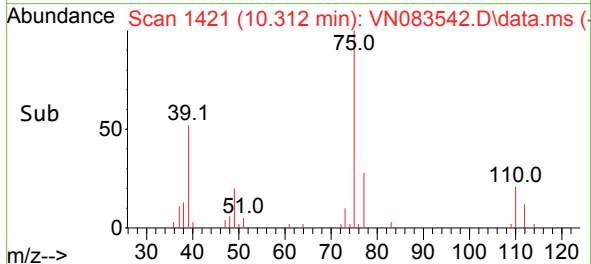


#49
 cis-1,3-Dichloropropene
 Concen: 4.842 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

Instrument :
 MSVOA_N
 ClientSampleId :

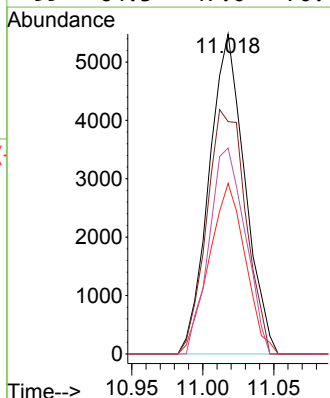
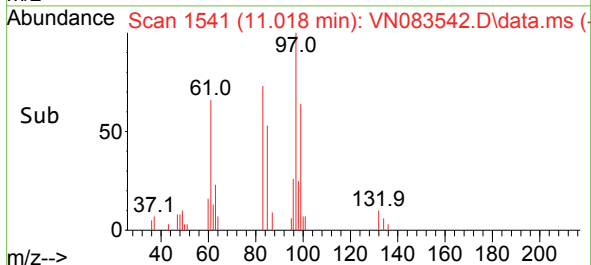
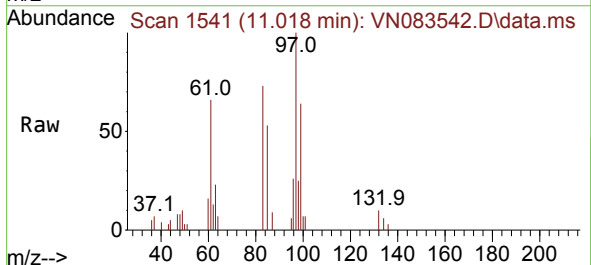


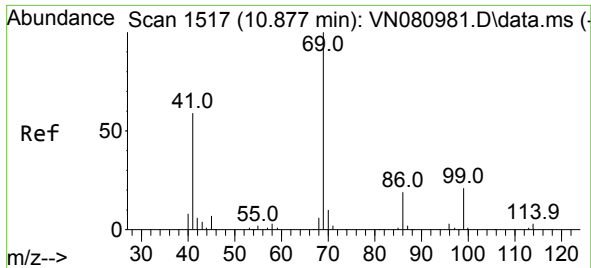
Tgt Ion:	75	Resp:	16561
Ion	Ratio	Lower	Upper
75	100		
77	27.8	24.9	37.3
39	52.0	31.0	46.6#



#50
 1,1,2-Trichloroethane
 Concen: 5.014 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

Tgt Ion:	97	Resp:	9619
Ion	Ratio	Lower	Upper
97	100		
83	72.6	68.1	102.1
85	53.3	41.8	62.6
99	64.3	47.0	70.4

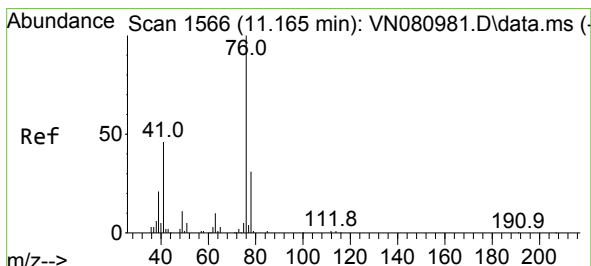
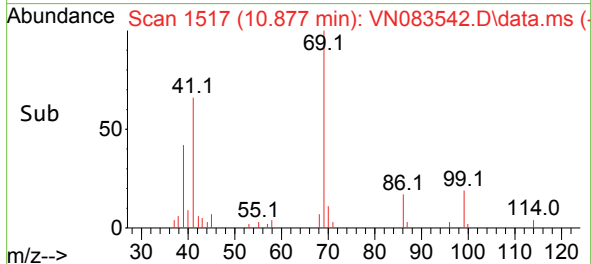
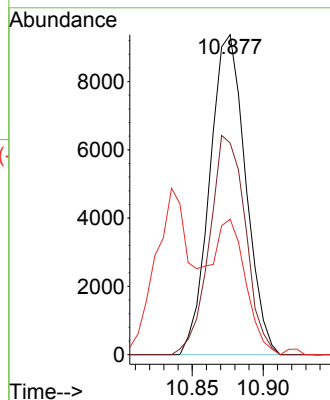
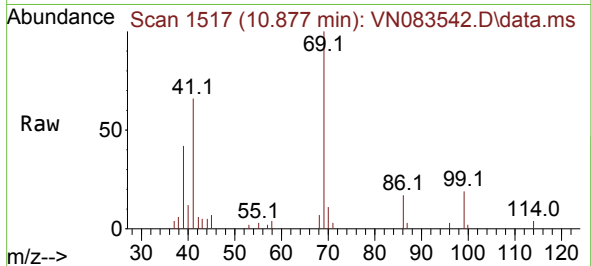




#51
Ethyl methacrylate
Concen: 4.919 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

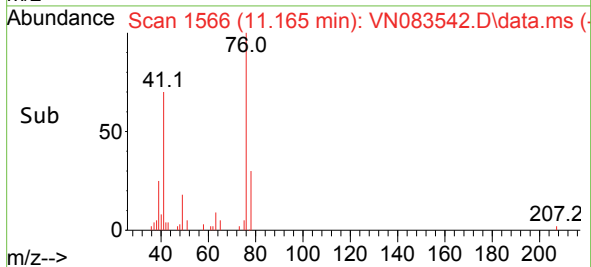
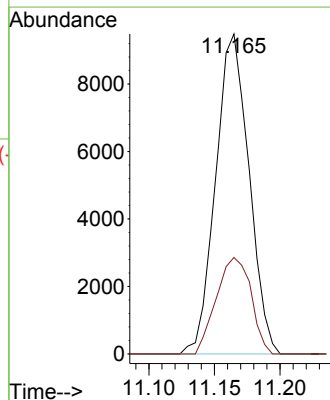
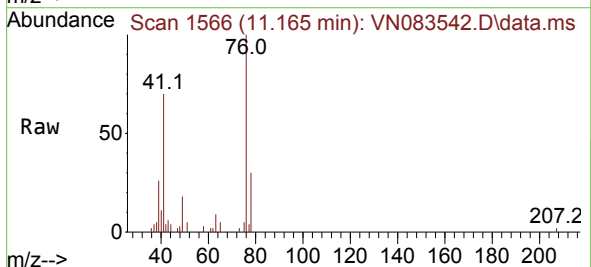
Instrument :
MSVOA_N
ClientSampleId :

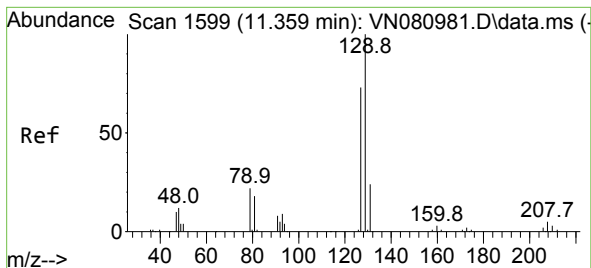
Tgt Ion: 69 Resp: 16458
Ion Ratio Lower Upper
69 100
41 66.2 25.5 76.5
39 42.3 16.0 47.9



#52
1,3-Dichloropropane
Concen: 5.005 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 76 Resp: 16767
Ion Ratio Lower Upper
76 100
78 31.3 0.0 65.8





#53

Dibromochloromethane

Concen: 4.766 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

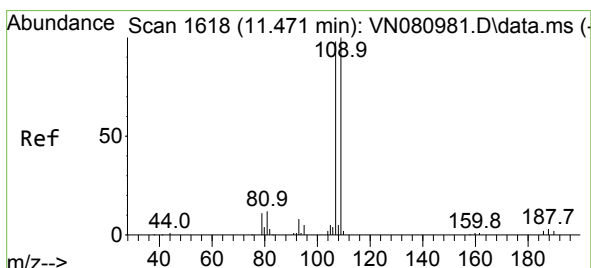
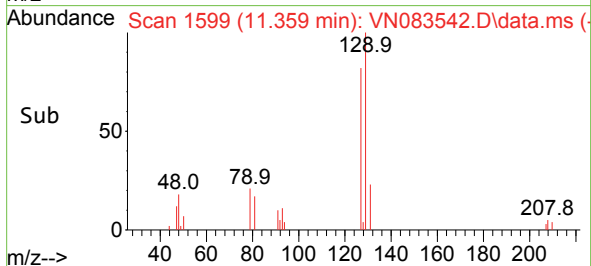
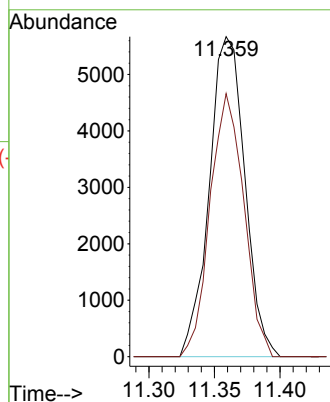
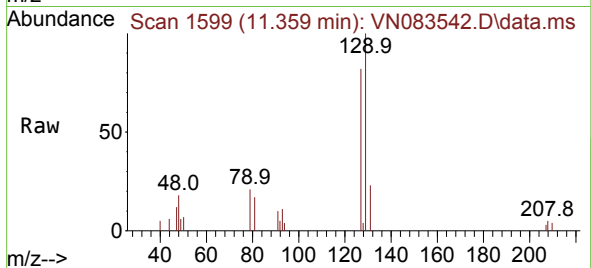
ClientSampleId :

Tgt Ion:129 Resp: 10712

Ion Ratio Lower Upper

129 100

127 77.8 39.4 118.1



#54

1,2-Dibromoethane

Concen: 5.098 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN083542.D

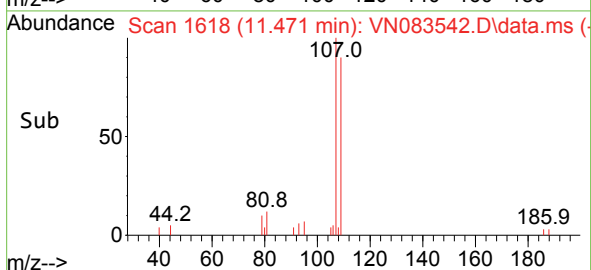
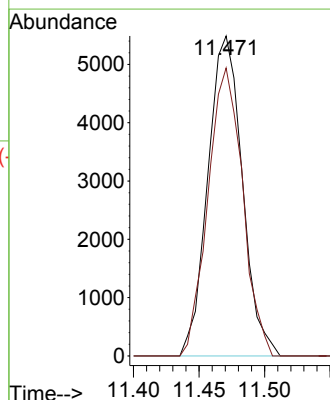
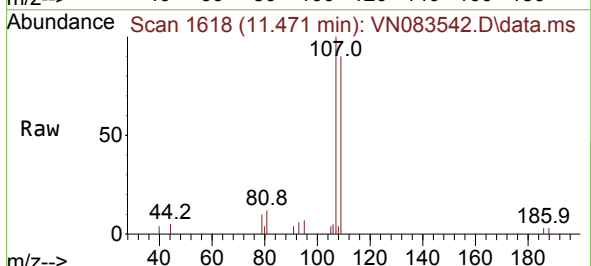
Acq: 28 Aug 2024 17:44

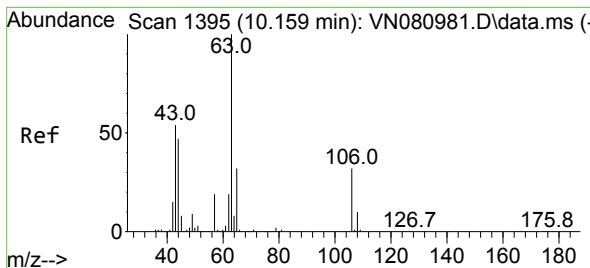
Tgt Ion:107 Resp: 10021

Ion Ratio Lower Upper

107 100

109 90.5 74.7 112.1

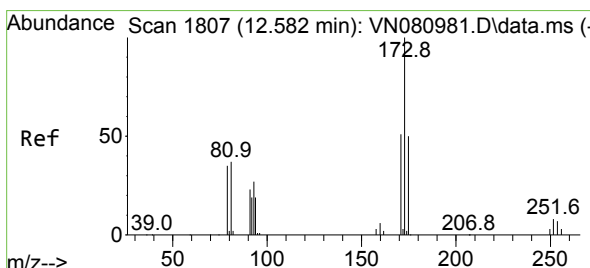
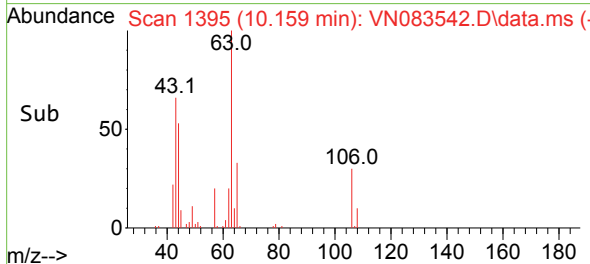
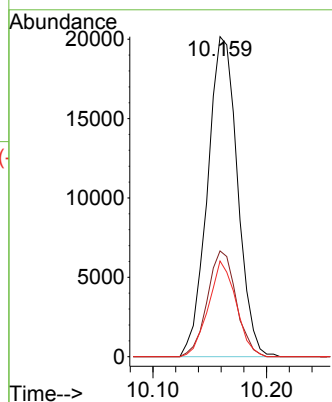
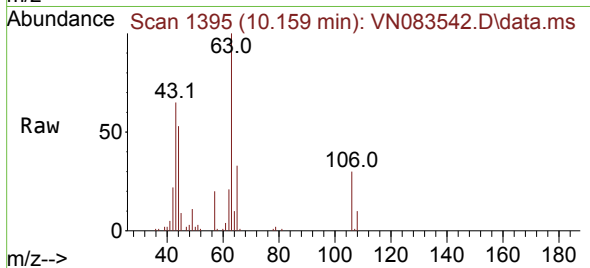




#55
2-Chloroethyl vinyl ether
Concen: 25.974 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

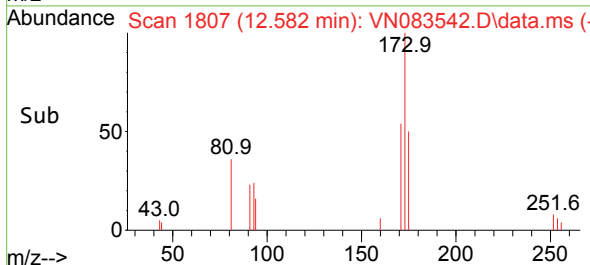
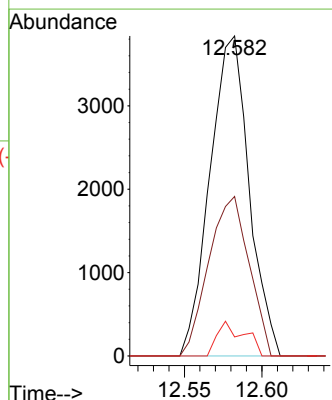
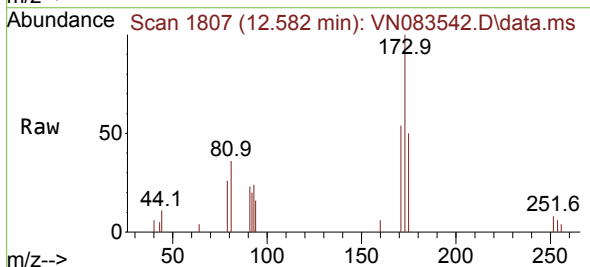
Instrument :
MSVOA_N
ClientSampleId :

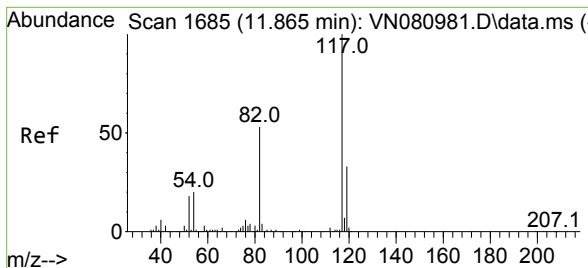
Tgt Ion: 63 Resp: 36997
Ion Ratio Lower Upper
63 100
65 31.7 26.2 39.2
106 27.6 23.8 35.8



#56
Bromoform
Concen: 4.590 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

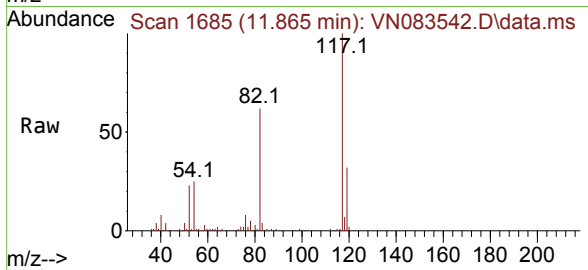
Tgt Ion: 173 Resp: 6736
Ion Ratio Lower Upper
173 100
175 51.4 40.0 60.0
254 4.7 8.3 12.5#



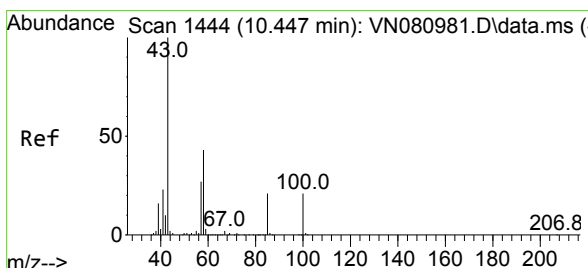
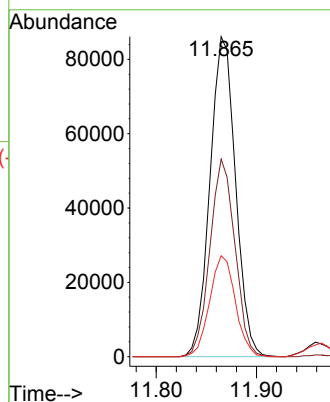
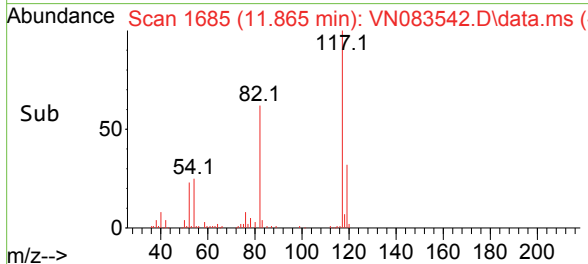


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :

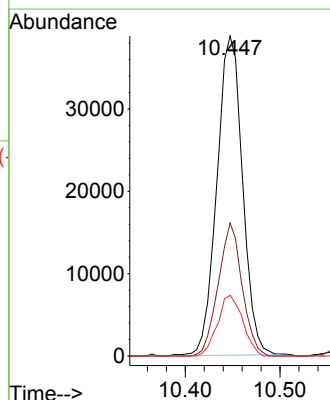
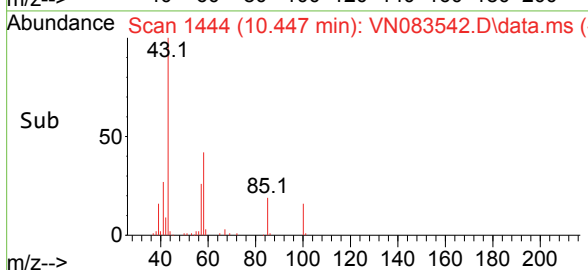
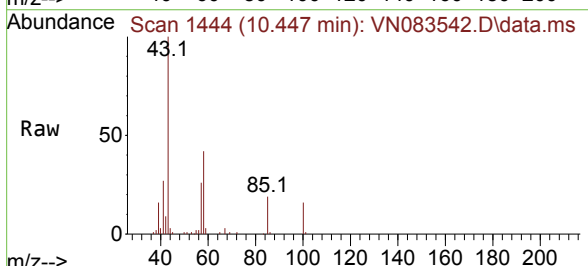


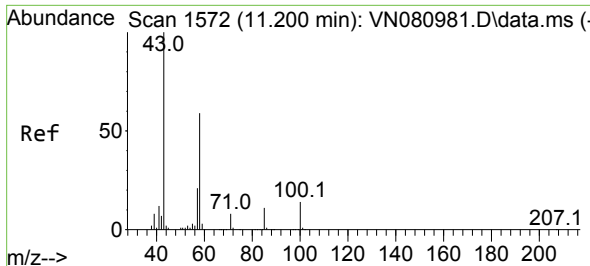
Tgt Ion:117 Resp: 152164
Ion Ratio Lower Upper
117 100
82 60.5 46.6 69.8
119 31.7 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 27.013 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

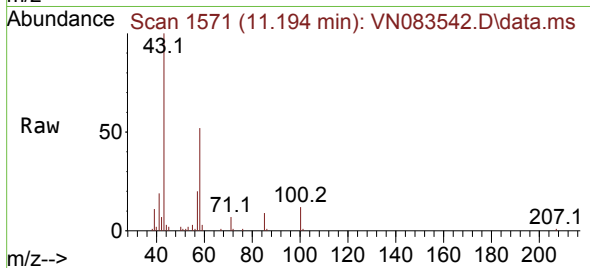
Tgt Ion: 43 Resp: 72901
Ion Ratio Lower Upper
43 100
58 38.7 36.5 54.7
85 18.7 19.5 29.3#



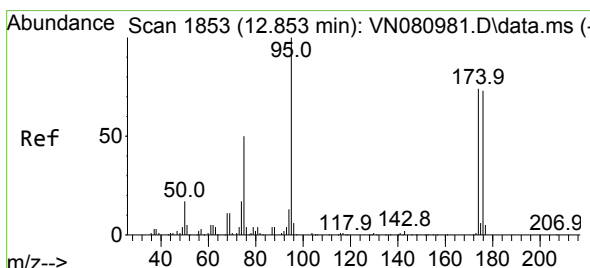
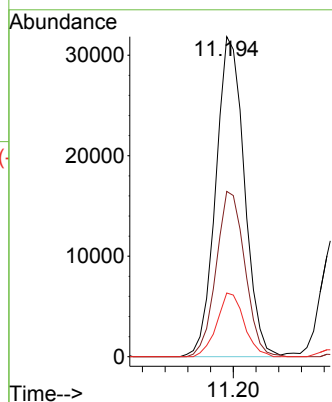
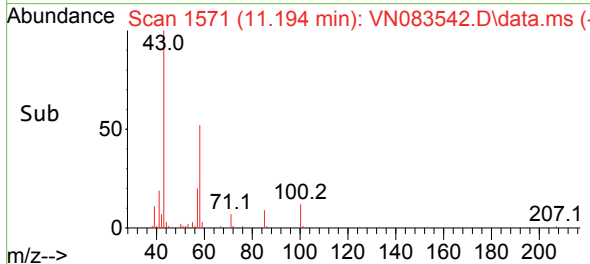


#59
2-Hexanone
Concen: 26.873 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

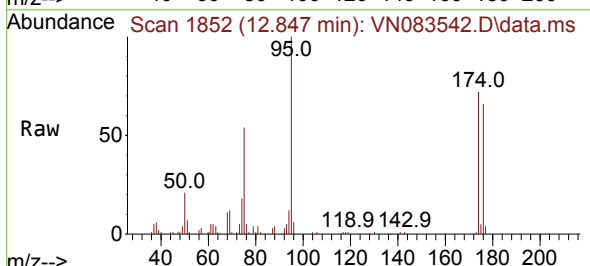
Instrument :
MSVOA_N
ClientSampleId :



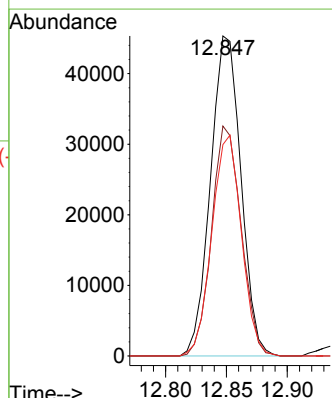
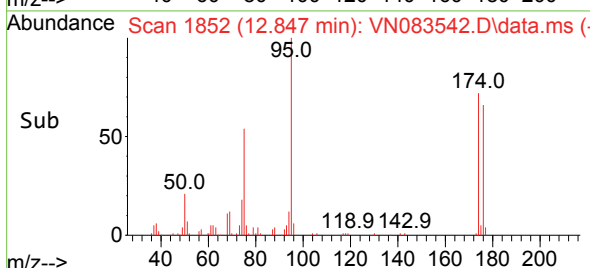
Tgt Ion: 43 Resp: 55617
Ion Ratio Lower Upper
43 100
58 51.9 50.4 75.6
57 19.0 18.6 27.8

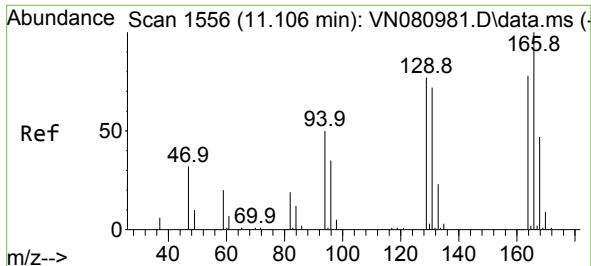


#60
4-Bromofluorobenzene
Concen: 29.298 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



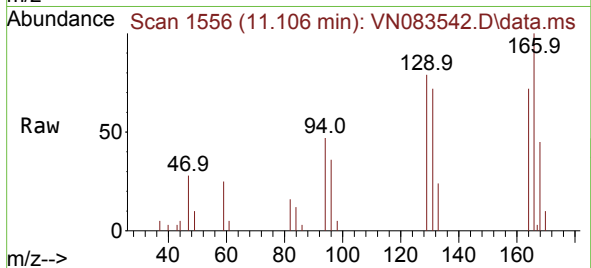
Tgt Ion: 95 Resp: 78926
Ion Ratio Lower Upper
95 100
174 69.6 60.5 90.7
176 67.0 57.8 86.6



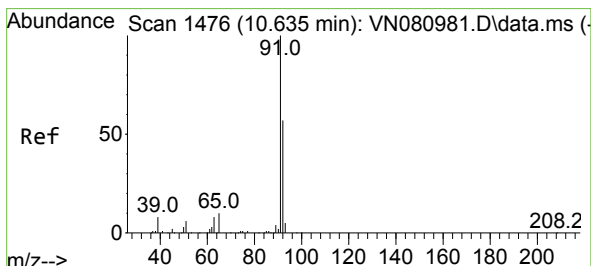
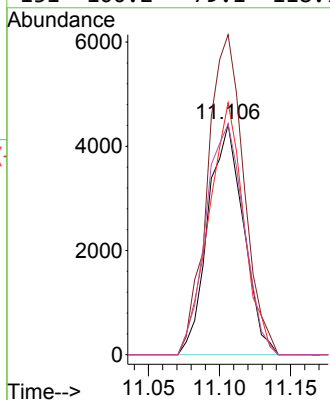
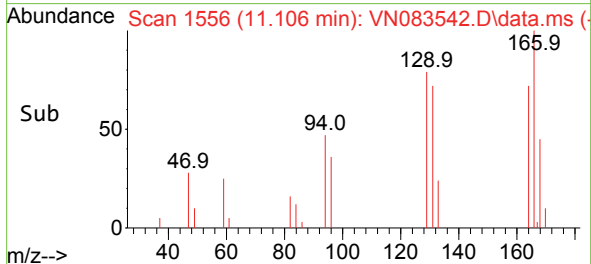


#61
Tetrachloroethene
Concen: 4.759 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

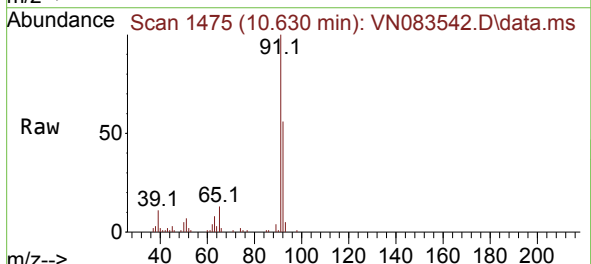
Instrument :
MSVOA_N
ClientSampleId :



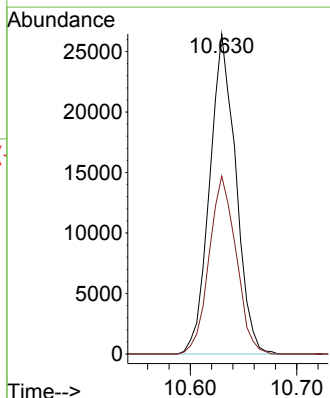
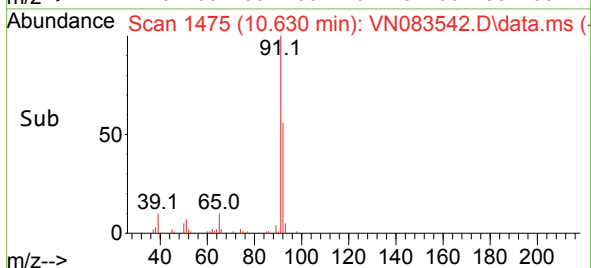
Tgt Ion:164 Resp: 7691
Ion Ratio Lower Upper
164 100
166 139.0 106.7 160.1
129 109.5 85.8 128.6
131 100.2 79.1 118.7

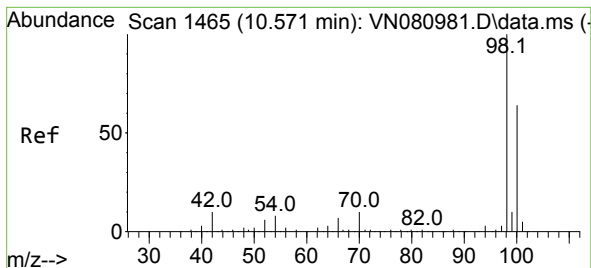


#62
Toluene
Concen: 5.124 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



Tgt Ion: 91 Resp: 45100
Ion Ratio Lower Upper
91 100
92 57.3 46.5 69.7





#63

Toluene-d8

Concen: 30.129 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

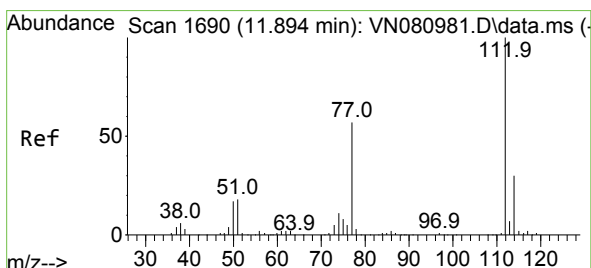
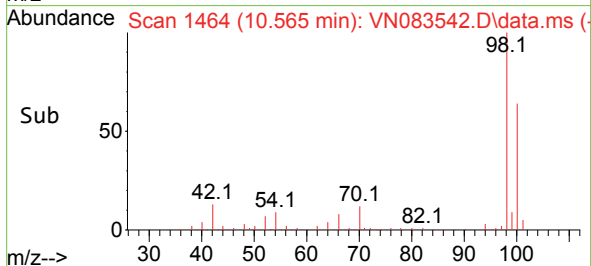
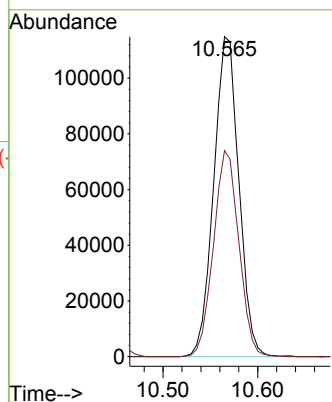
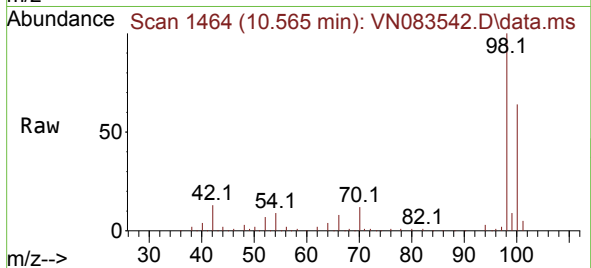
ClientSampleId :

Tgt Ion: 98 Resp: 211648

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



#64

Chlorobenzene

Concen: 4.816 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN083542.D

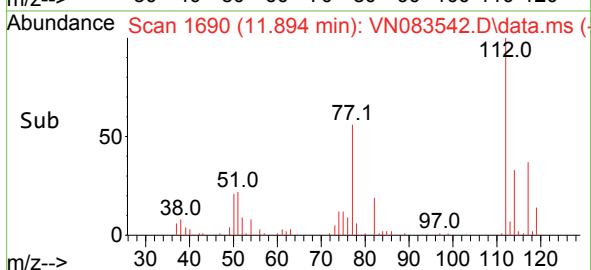
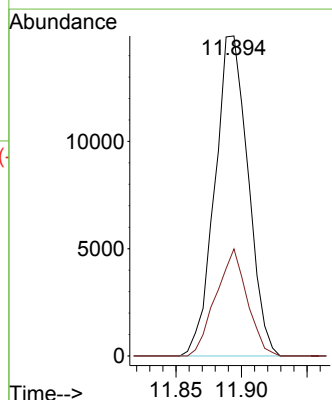
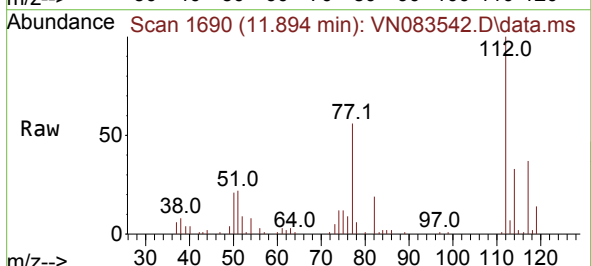
Acq: 28 Aug 2024 17:44

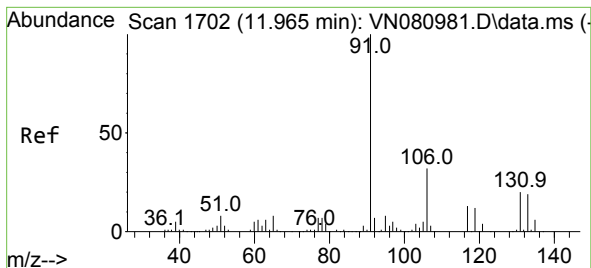
Tgt Ion: 112 Resp: 26262

Ion Ratio Lower Upper

112 100

114 33.4 26.6 39.8





#65

1,1,1,2-Tetrachloroethane

Concen: 4.831 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN083542.D

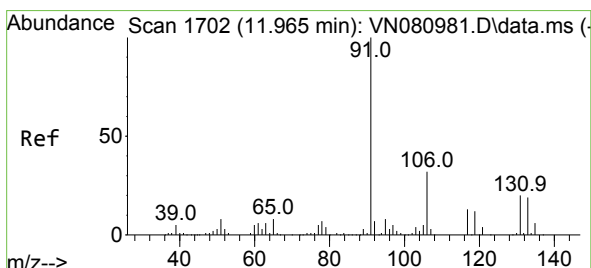
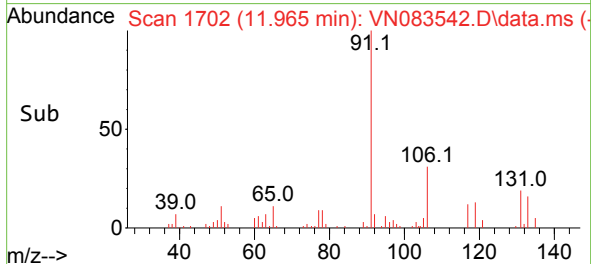
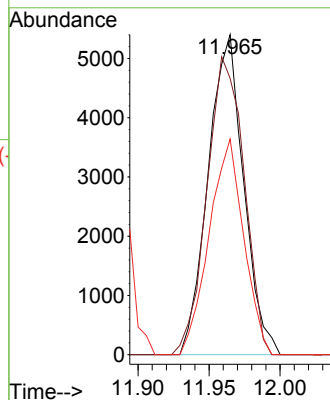
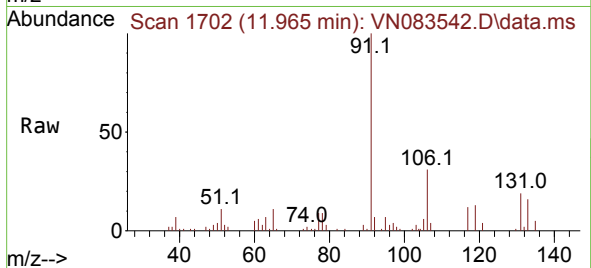
Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:131	Resp:	9375
Ion Ratio	Lower	Upper
131	100	
133	97.8	0.0 188.0
119	65.9	0.0 122.8



#66

Ethyl Benzene

Concen: 4.794 ug/l

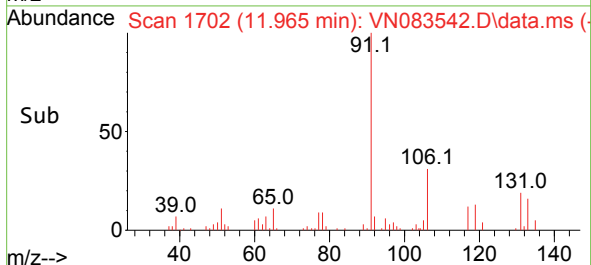
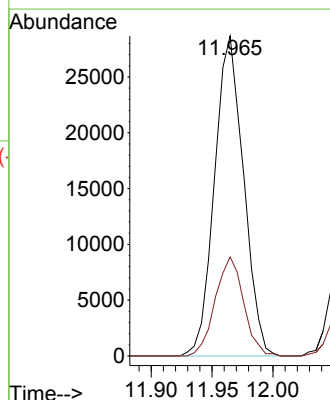
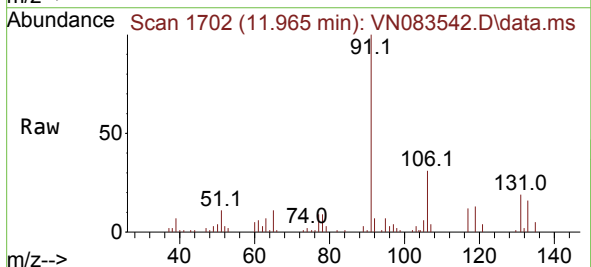
RT: 11.965 min Scan# 1702

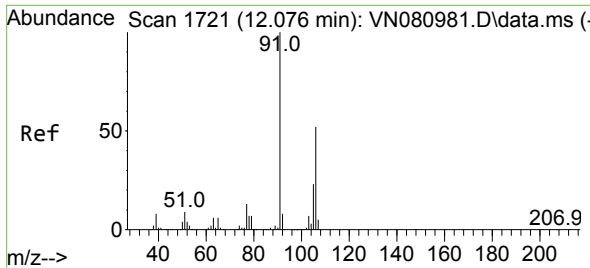
Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Tgt Ion: 91	Resp:	47603
Ion Ratio	Lower	Upper
91	100	
106	31.0	24.4 36.6

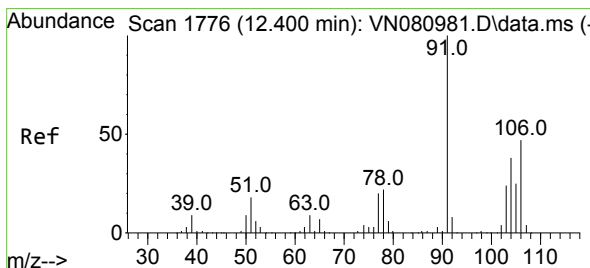
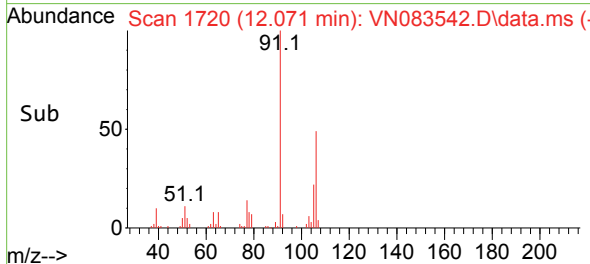
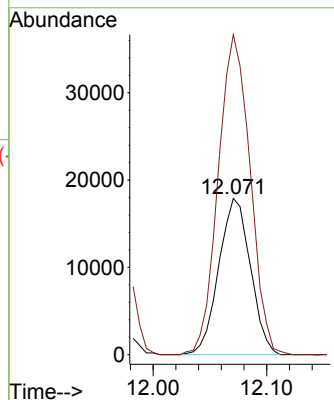
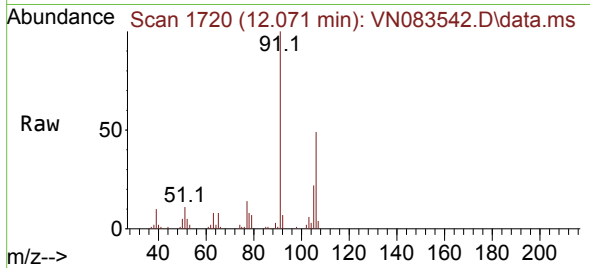




#67
m/p-Xylenes
Concen: 9.427 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

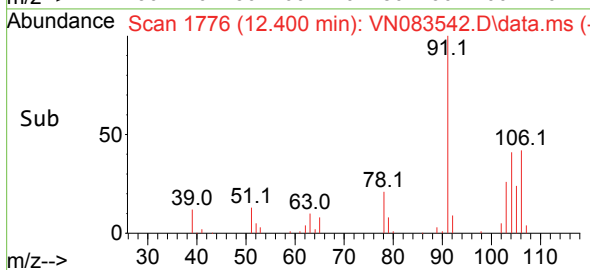
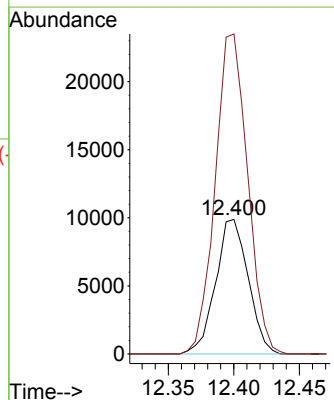
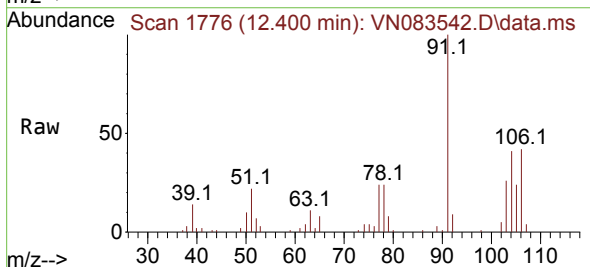
Instrument :
MSVOA_N
ClientSampleId :

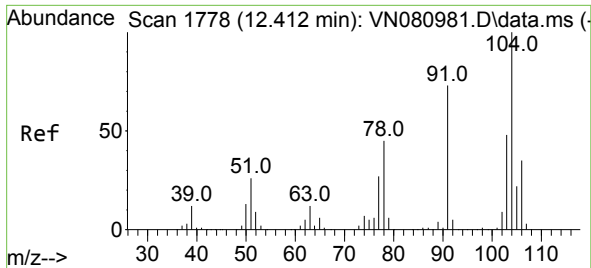
Tgt Ion:106 Resp: 34693
Ion Ratio Lower Upper
106 100
91 206.4 166.6 249.8



#68
o-Xylene
Concen: 4.730 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion:106 Resp: 17096
Ion Ratio Lower Upper
106 100
91 236.5 110.0 330.0

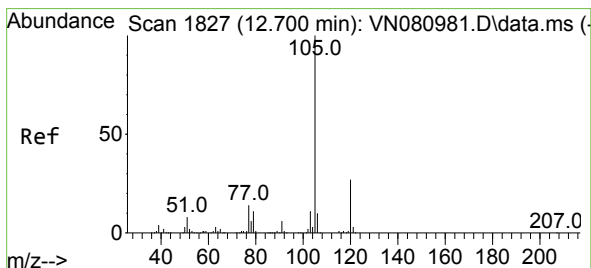
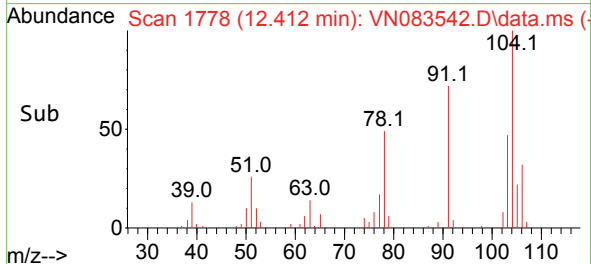
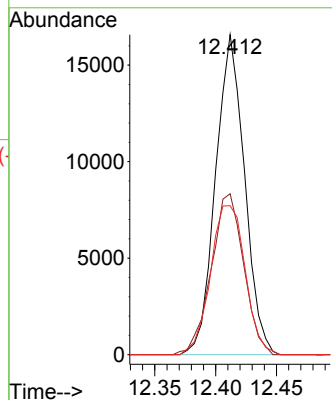
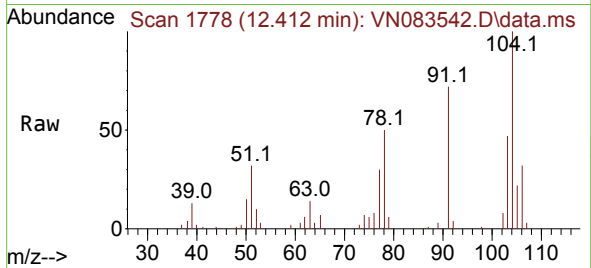




#69
Styrene
Concen: 4.465 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

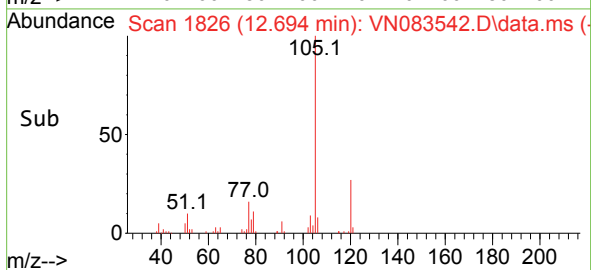
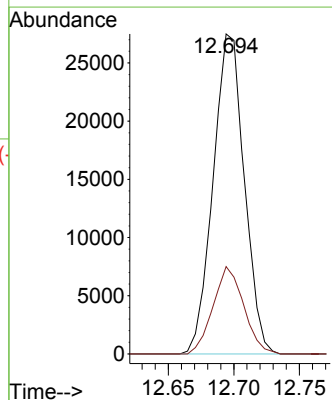
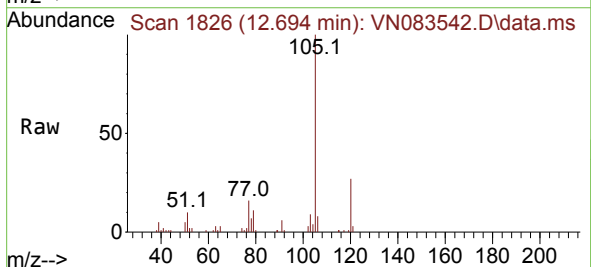
Instrument :
MSVOA_N
ClientSampleId :

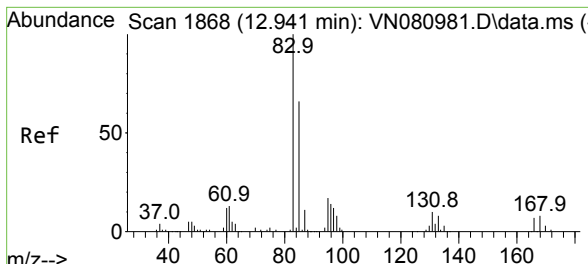
Tgt Ion:104 Resp: 27472
Ion Ratio Lower Upper
104 100
78 56.3 42.6 64.0
103 55.8 43.7 65.5



#70
Isopropylbenzene
Concen: 4.758 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion:105 Resp: 45418
Ion Ratio Lower Upper
105 100
120 26.8 17.8 33.1

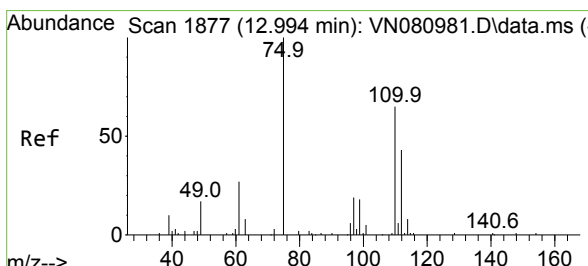
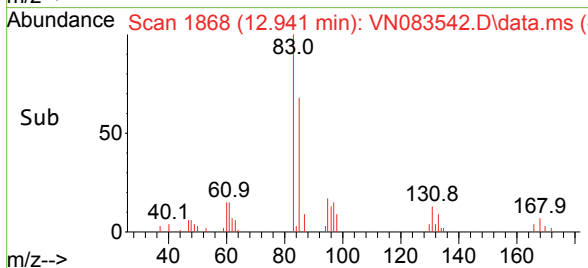
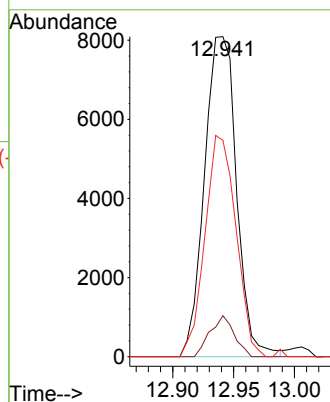
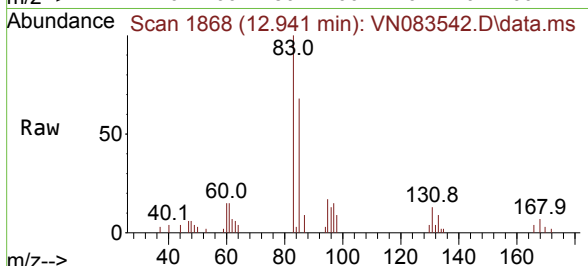




#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.324 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

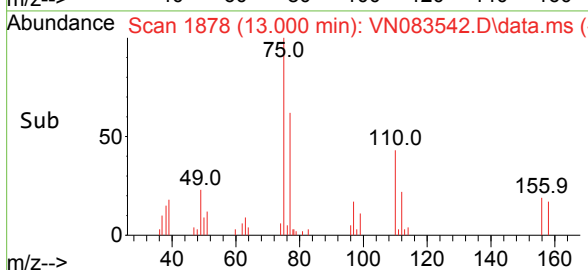
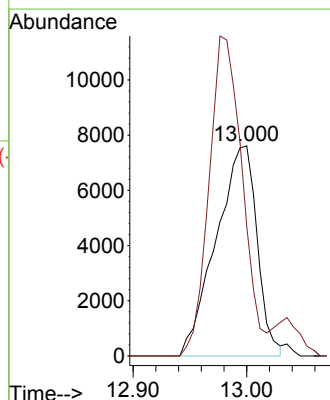
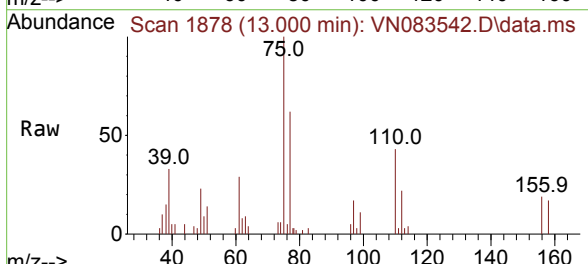
Instrument :
 MSVOA_N
 ClientSampleId :

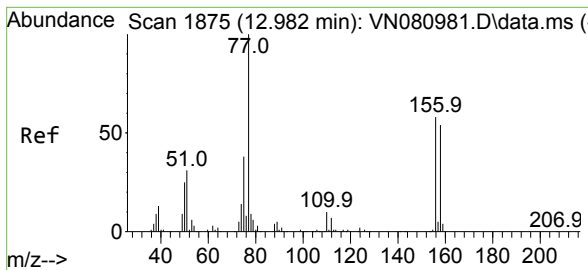
Tgt Ion:	83	Resp:	14847
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.2	15.6
85	66.7	32.3	96.8



#72
 1,2,3-Trichloropropane
 Concen: 7.916 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

Tgt Ion:	75	Resp:	19059
Ion	Ratio	Lower	Upper
75	100		
77	123.6	0.0	367.6

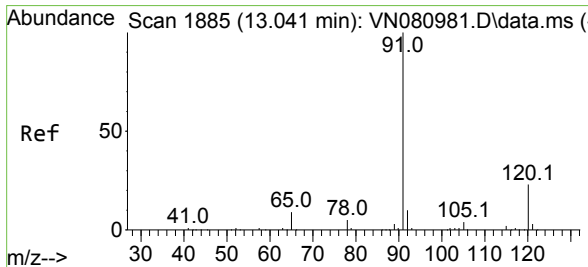
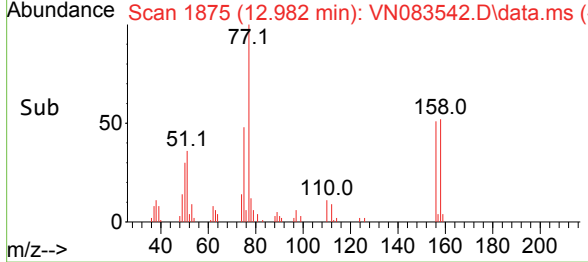
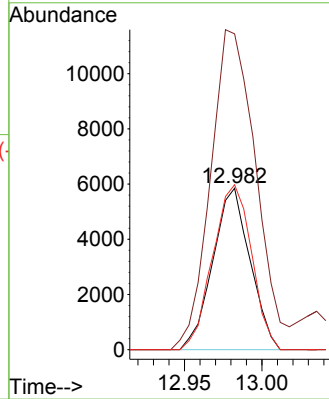
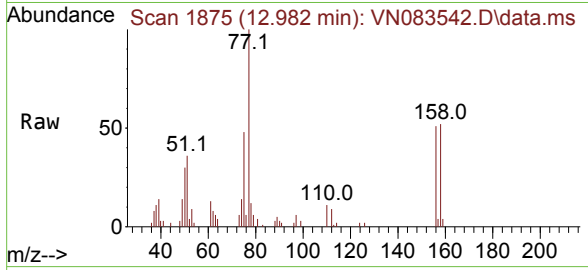




#73
Bromobenzene
Concen: 4.524 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

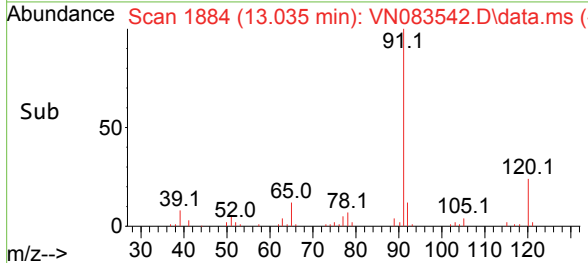
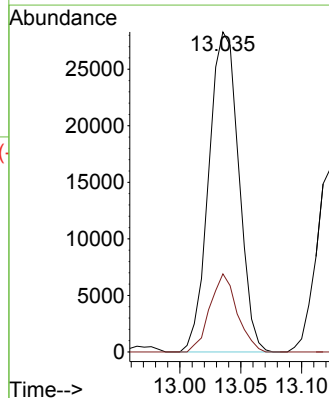
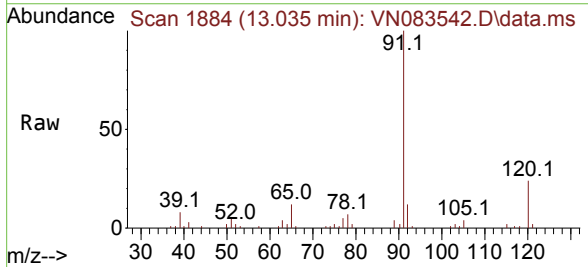
Instrument :
MSVOA_N
ClientSampleId :

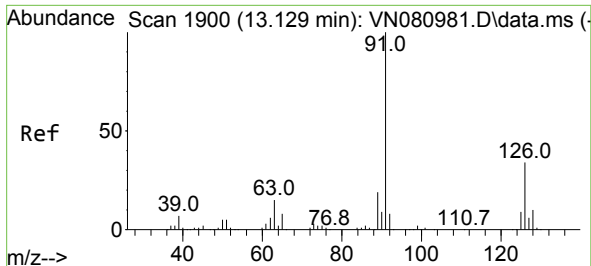
Tgt Ion:156 Resp: 9774
Ion Ratio Lower Upper
156 100
77 241.0 0.0 437.6
158 106.3 0.0 203.8



#74
n-propylbenzene
Concen: 4.376 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

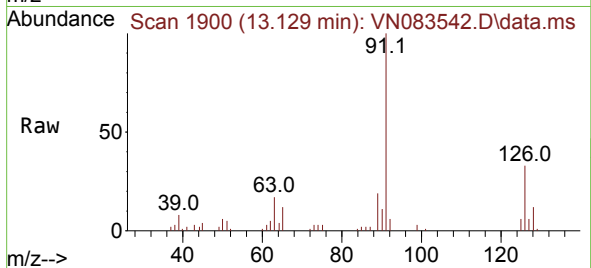
Tgt Ion: 91 Resp: 48397
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.8



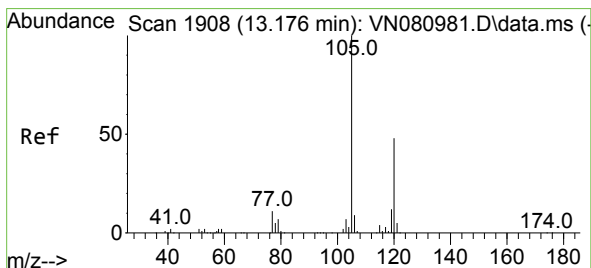
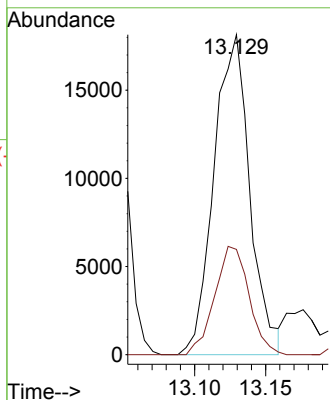
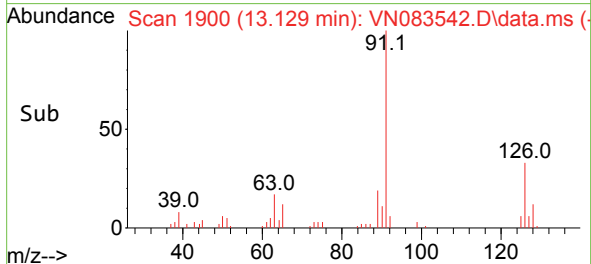


#75
2-Chlorotoluene
Concen: 4.502 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :

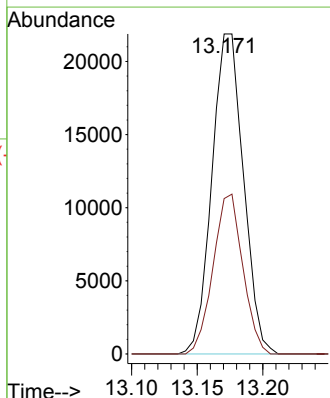
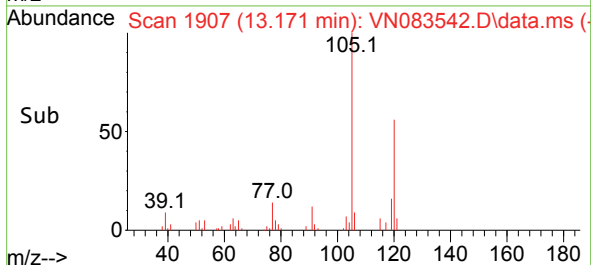
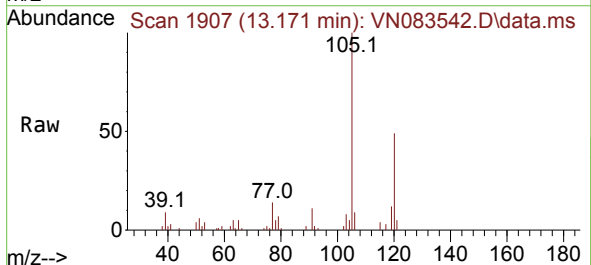


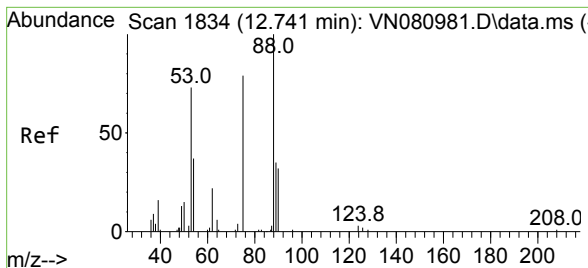
Tgt Ion: 91 Resp: 31866
Ion Ratio Lower Upper
91 100
126 32.4 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 4.589 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 105 Resp: 36571
Ion Ratio Lower Upper
105 100
120 47.1 0.0 95.8

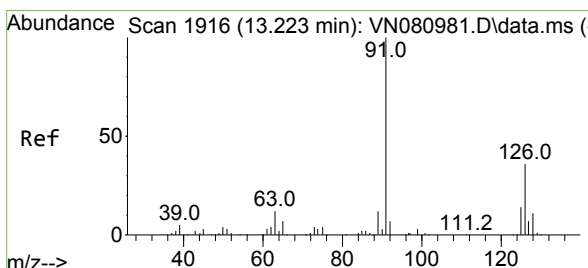
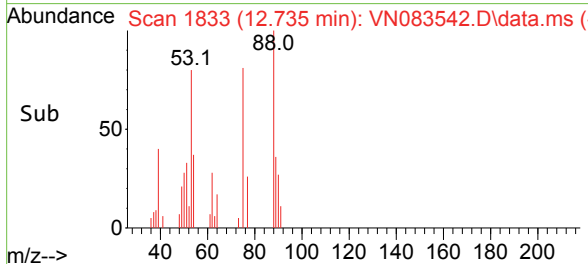
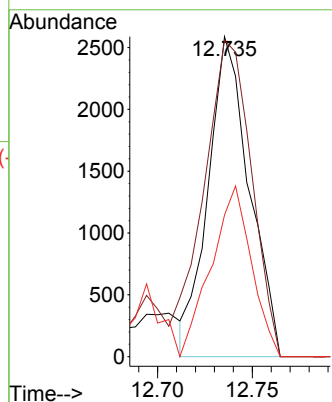
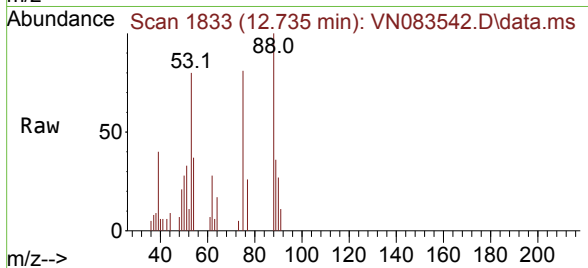




#77
t-1,4-Dichloro-2-butene
Concen: 3.734 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

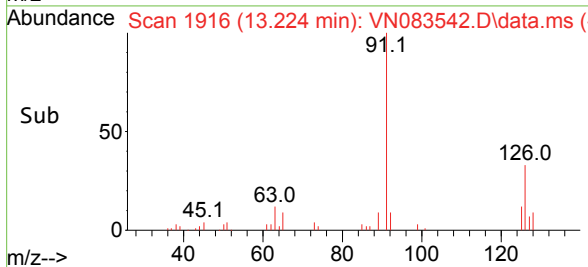
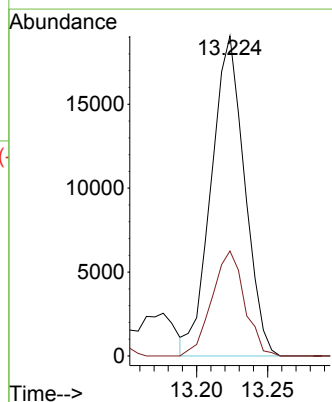
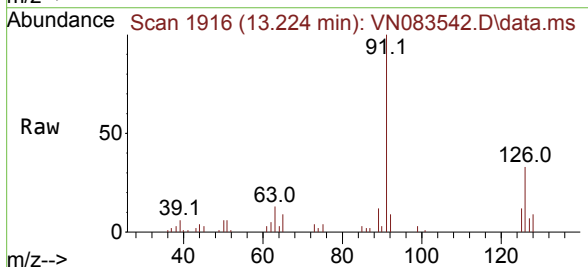
Instrument :
MSVOA_N
ClientSampleId :

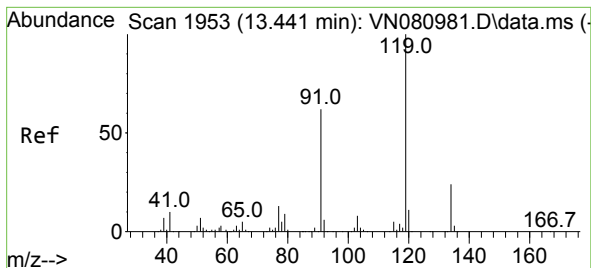
Tgt Ion: 75 Resp: 3901
Ion Ratio Lower Upper
75 100
53 98.9 45.9 137.7
89 44.2 25.9 77.7



#78
4-Chlorotoluene
Concen: 4.424 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 91 Resp: 31088
Ion Ratio Lower Upper
91 100
126 32.1 0.0 62.8





#79

tert-butylbenzene

Concen: 4.592 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

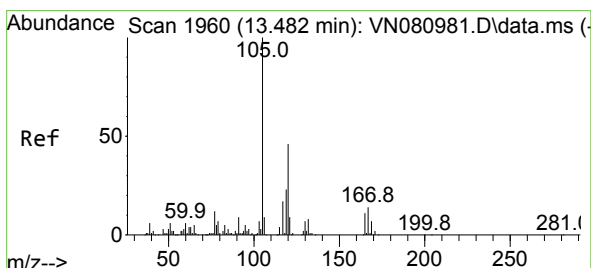
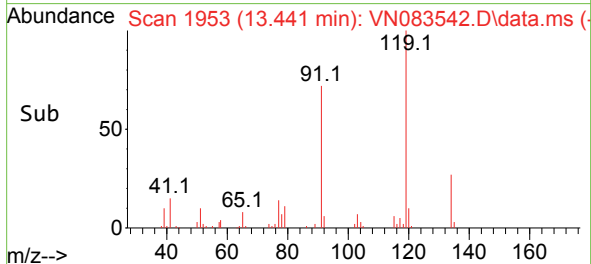
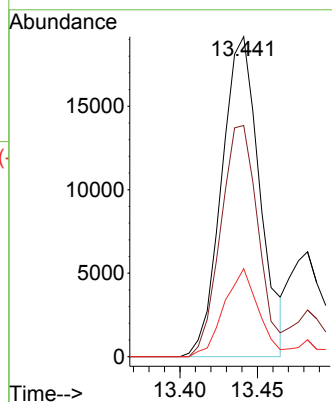
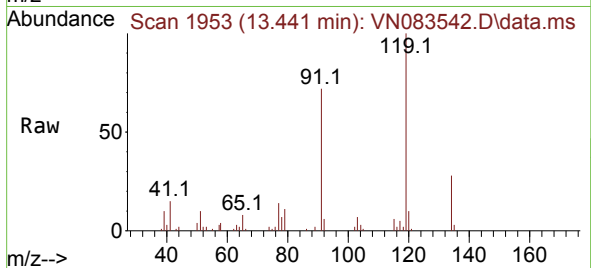
Tgt Ion:119 Resp: 32774

Ion Ratio Lower Upper

119 100

91 71.2 0.0 138.8

134 24.8 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 4.477 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083542.D

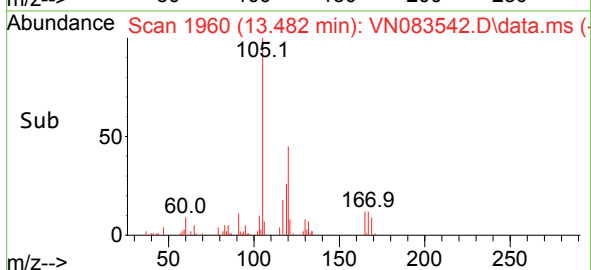
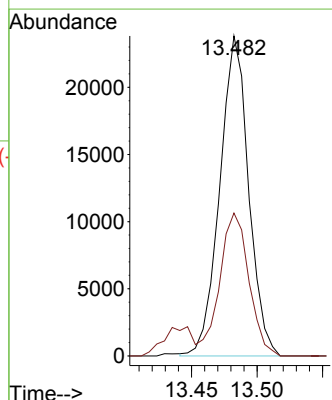
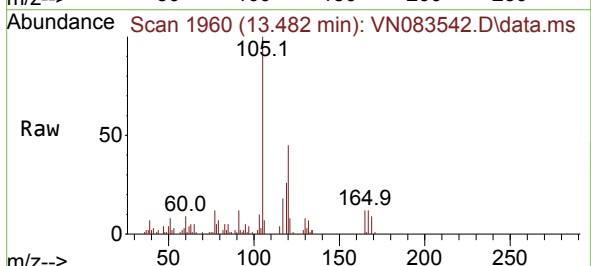
Acq: 28 Aug 2024 17:44

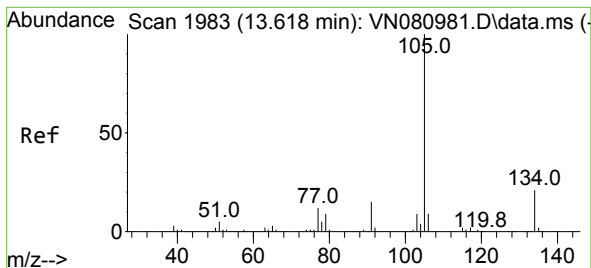
Tgt Ion:105 Resp: 36370

Ion Ratio Lower Upper

105 100

120 45.3 0.0 86.8





#81

sec-Butylbenzene

Concen: 4.421 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

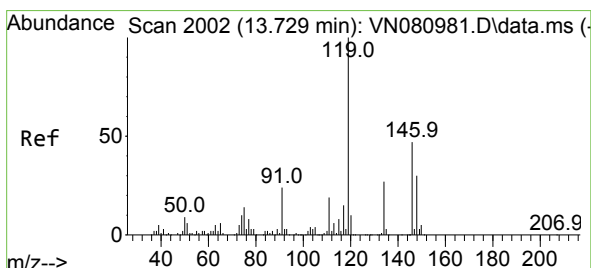
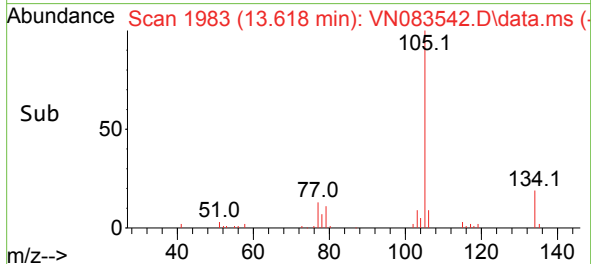
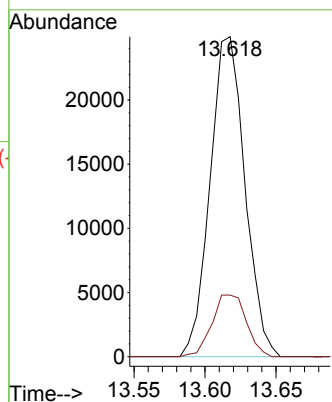
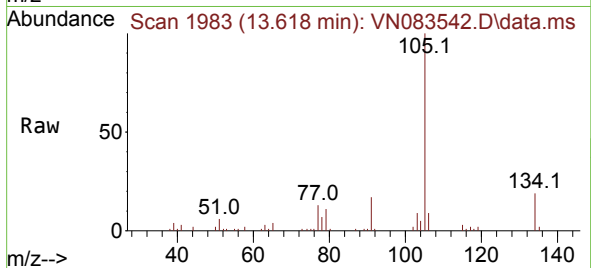
ClientSampleId :

Tgt Ion:105 Resp: 42482

Ion Ratio Lower Upper

105 100

134 19.1 0.0 39.0



#82

p-Isopropyltoluene

Concen: 4.239 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

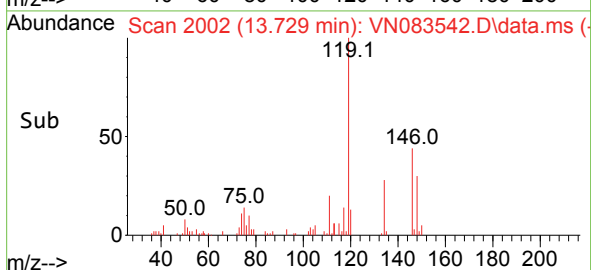
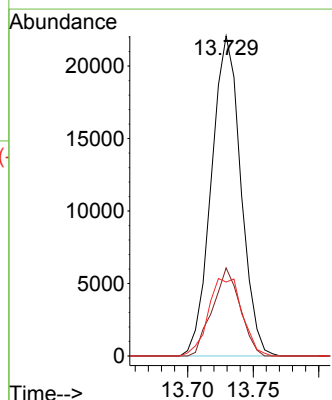
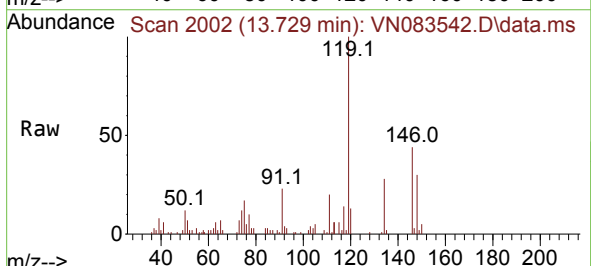
Tgt Ion:119 Resp: 34481

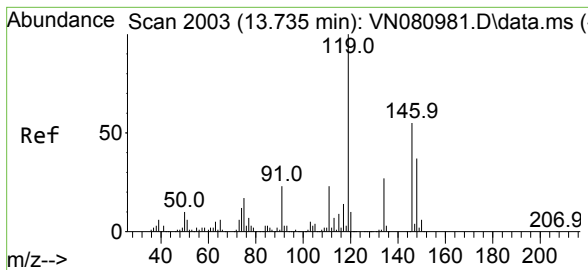
Ion Ratio Lower Upper

119 100

134 25.8 0.0 49.2

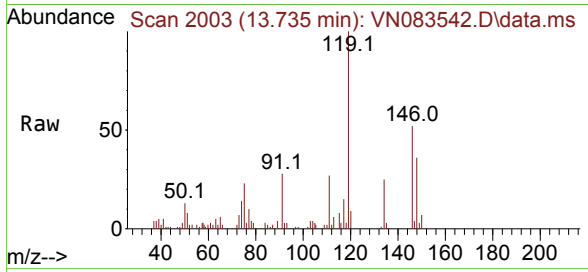
91 27.9 0.0 48.8



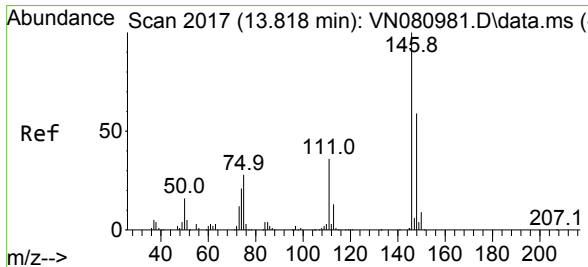
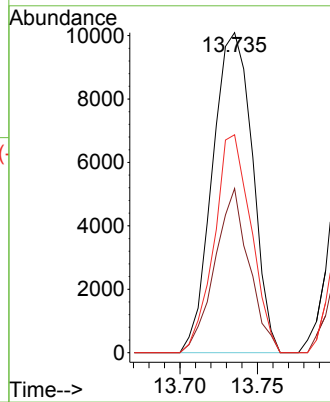
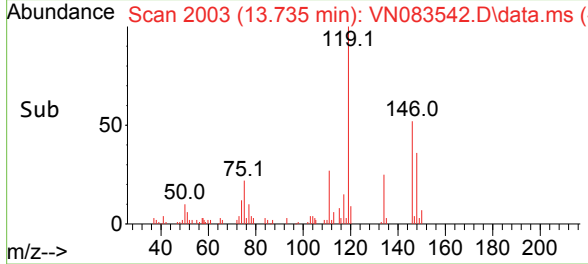


#83
1,3-Dichlorobenzene
Concen: 4.285 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

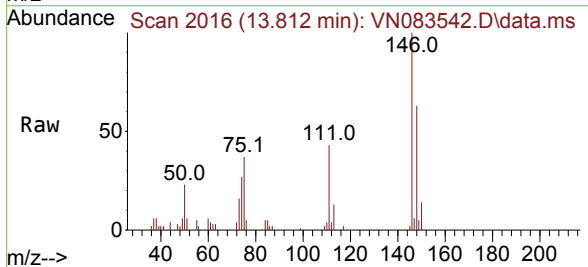
Instrument :
MSVOA_N
ClientSampleId :



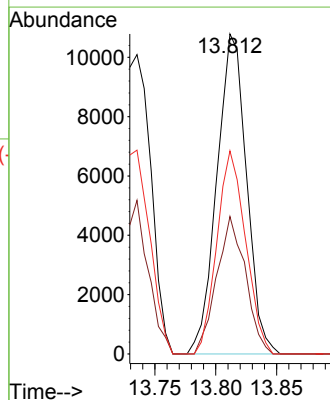
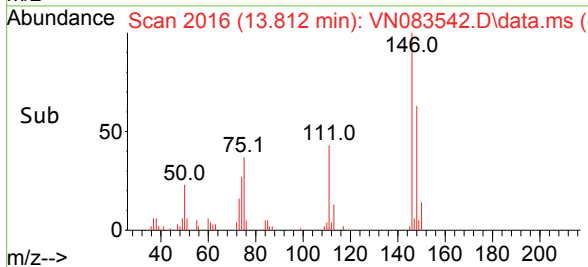
Tgt Ion:146 Resp: 18086
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 62.9 32.1 96.5

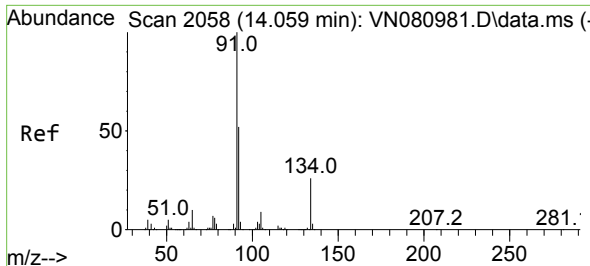


#84
1,4-Dichlorobenzene
Concen: 4.319 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44



Tgt Ion:146 Resp: 18308
Ion Ratio Lower Upper
146 100
111 41.6 21.3 63.9
148 61.4 31.9 95.5

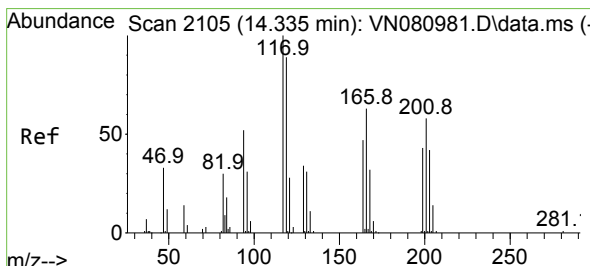
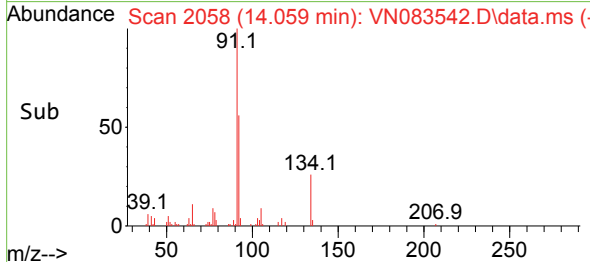
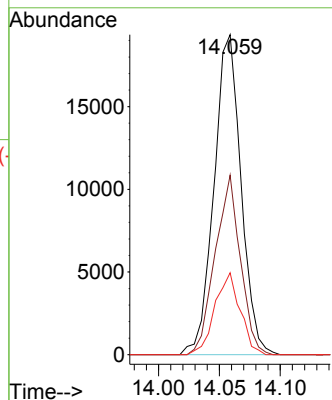
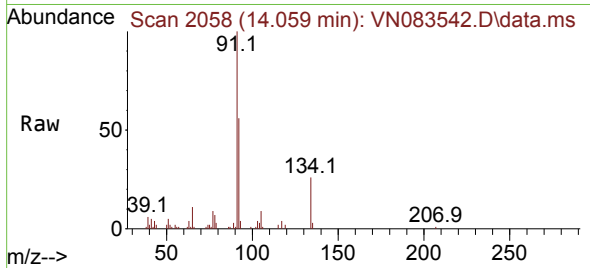




#85
n-Butylbenzene
Concen: 4.148 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

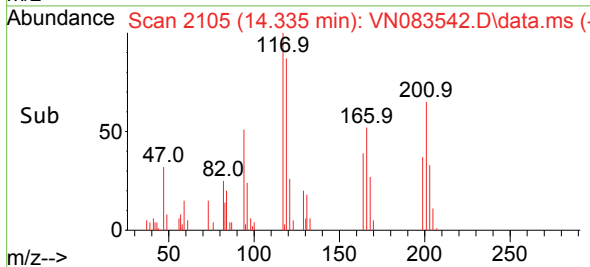
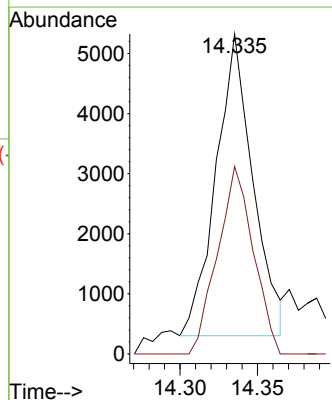
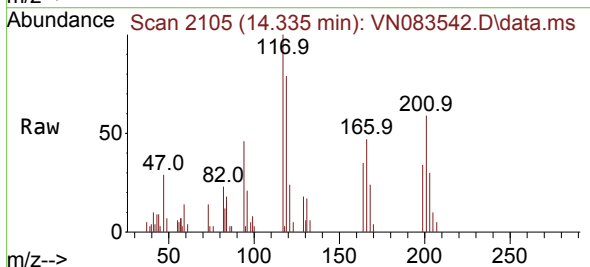
Instrument :
MSVOA_N
ClientSampleId :

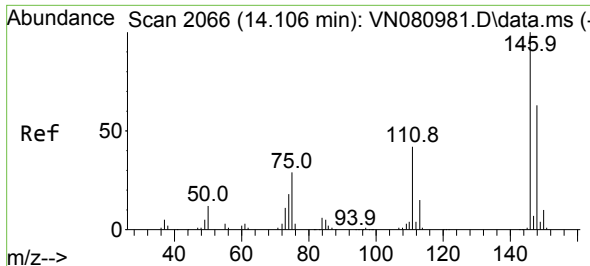
Tgt Ion: 91 Resp: 29905
Ion Ratio Lower Upper
91 100
92 52.4 0.0 105.0
134 24.0 0.0 51.8



#86
Hexachloroethane
Concen: 5.231 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083542.D
Acq: 28 Aug 2024 17:44

Tgt Ion: 117 Resp: 8334
Ion Ratio Lower Upper
117 100
201 59.8 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 4.571 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

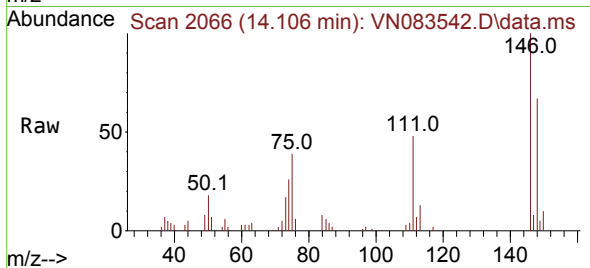
Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :



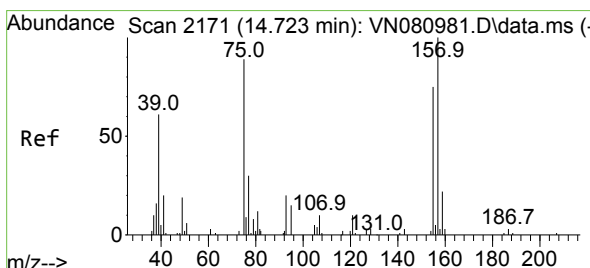
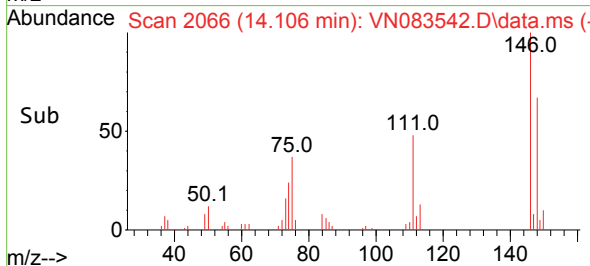
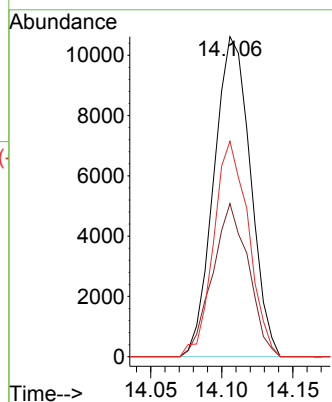
Tgt Ion:146 Resp: 18990

Ion Ratio Lower Upper

146 100

111 46.9 22.6 67.8

148 64.2 31.3 93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.667 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN083542.D

Acq: 28 Aug 2024 17:44

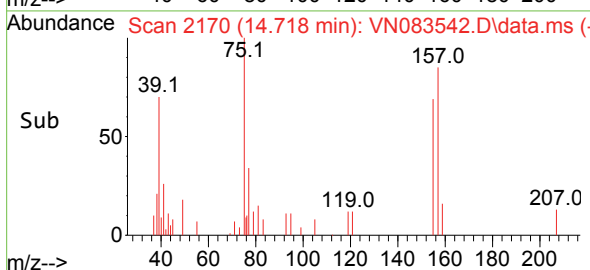
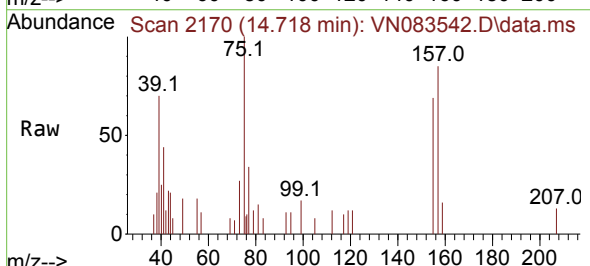
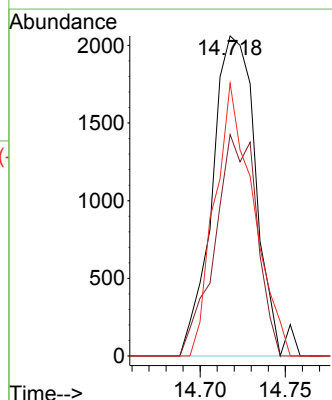
Tgt Ion: 75 Resp: 3613

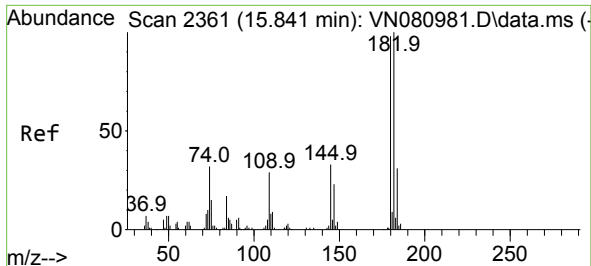
Ion Ratio Lower Upper

75 100

155 67.7 61.7 92.5

157 76.3 83.6 125.4#

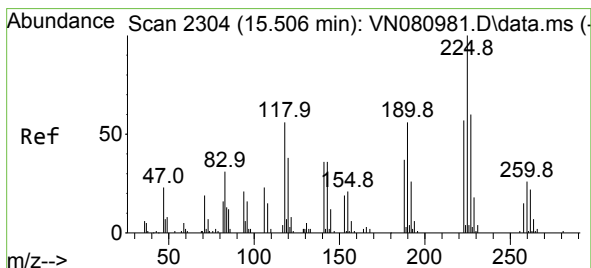
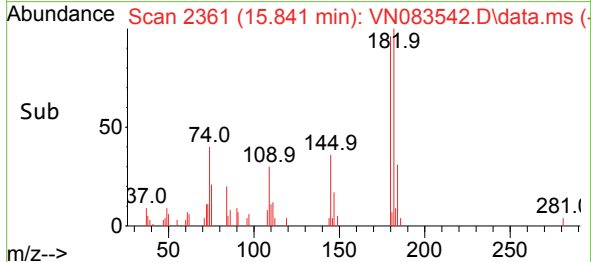
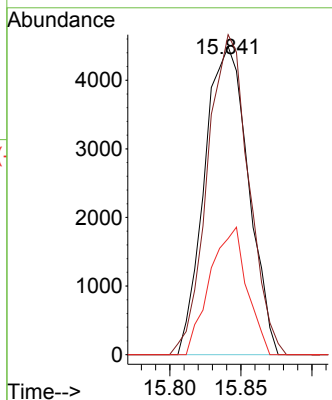
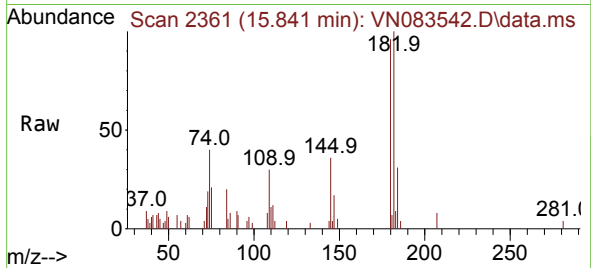




#89
 1,2,4-Trichlorobenzene
 Concen: 4.236 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

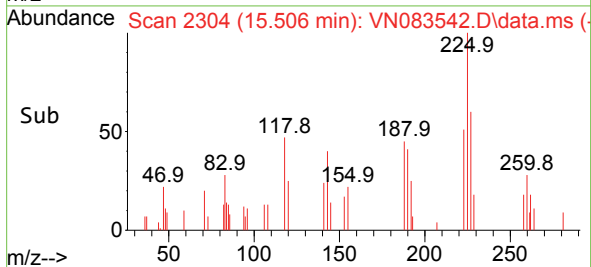
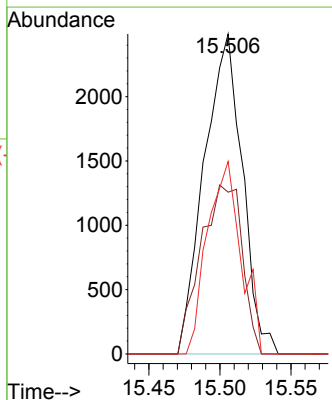
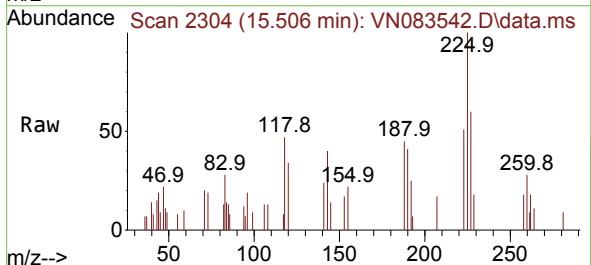
Instrument :
 MSVOA_N
 ClientSampleId :

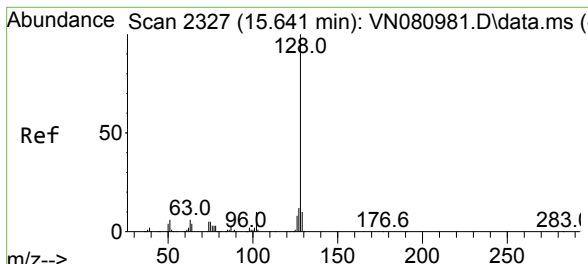
Tgt Ion:180 Resp: 9648
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.4 114.6
 145 34.9 28.4 42.6



#90
 Hexachlorobutadiene
 Concen: 4.787 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

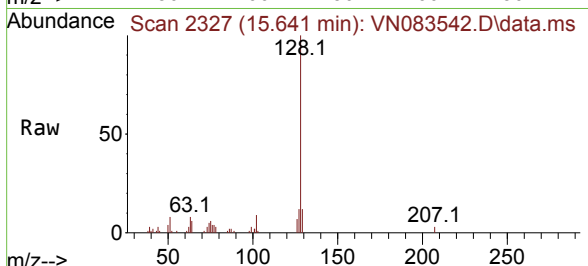
Tgt Ion:225 Resp: 4633
 Ion Ratio Lower Upper
 225 100
 223 57.5 0.0 126.6
 227 53.4 0.0 126.6



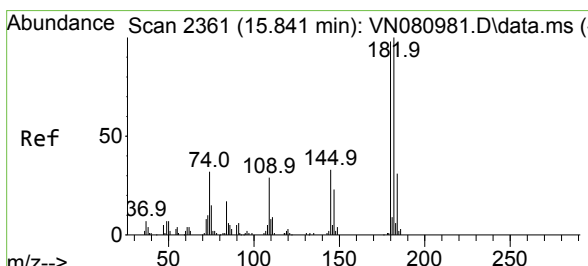
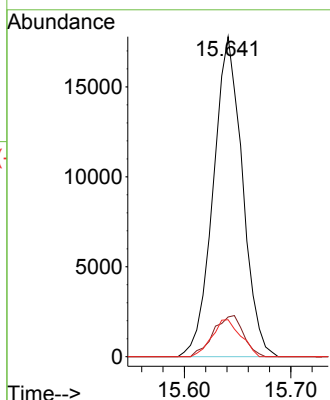
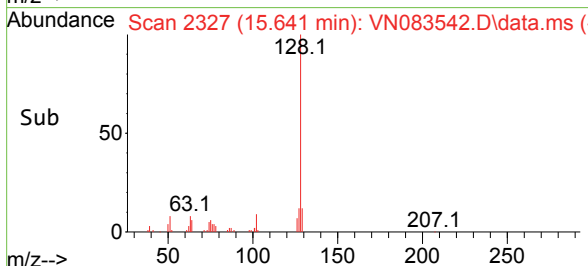


#91
 Naphthalene
 Concen: 4.294 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	33809
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.4	8.6	13.0



#92
 1,2,3-Trichlorobenzene
 Concen: 4.236 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.000 min
 Lab File: VN083542.D
 Acq: 28 Aug 2024 17:44

Tgt Ion:	180	Resp:	9648
Ion Ratio	Lower	Upper	
180	100		
182	97.5	0.0	191.0
145	34.9	0.0	71.0

