

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD043024\
 Data File : VD078848.D
 Acq On : 30 Apr 2024 10:33
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 01 08:48:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 07:08:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	155739	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	166727	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	88966	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	91900	21.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
7) Chloroethane-d5	2.805	69	108332	26.807	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.240%
11) 1,1-Dichloroethene-d2	3.916	65	22863	29.016	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	116.080%#
21) 2-Butanone-d5	7.046	46	392	0.959	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.920%#
24) Chloroform-d	7.569	84	106699	28.064	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.240%
26) 1,2-Dichloroethane-d4	8.234	65	54907	28.425	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.720%
32) Benzene-d6	8.204	84	219679	25.859	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.440%
36) 1,2-Dichloropropane-d6	9.210	67	66147	27.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.240%
41) Toluene-d8	10.269	98	198243	24.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.960%
43) trans-1,3-Dichloroprop...	10.528	79	29459	26.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.600%
47) 2-Hexanone-d5	10.875	63	25478	64.510	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68386	29.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	75932	25.024	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	58822	26.246	ug/L	97
3) Chloromethane	2.152	50	80276	25.000	ug/L	98
5) Vinyl chloride	2.287	62	112955	23.394	ug/L	98
6) Bromomethane	2.699	94	86854	24.751	ug/L	100
8) Chloroethane	2.840	64	97095	27.561	ug/L	100
9) Trichlorofluoromethane	3.181	101	104391	29.555	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	65094	28.530	ug/L #	86
12) 1,1-Dichloroethene	3.946	96	56024	27.492	ug/L	90
13) Acetone	4.022	43	29937	57.125	ug/L	99
14) Carbon disulfide	4.275	76	169895	24.509	ug/L	97
15) Methyl Acetate	4.569	43	25176	32.601	ug/L	99
16) Methylene chloride	4.805	84	63744	23.623	ug/L	94
17) trans-1,2-Dichloroethene	5.316	96	56228	24.701	ug/L	91
18) Methyl tert-butyl Ether	5.322	73	128470	29.501	ug/L #	93
19) 1,1-Dichloroethane	6.110	63	104193	28.730	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	64349	26.003	ug/L	87
22) 2-Butanone	7.081	43	33857	52.881	ug/L #	69
23) Bromochloromethane	7.428	128	33130	27.136	ug/L	94
25) Chloroform	7.599	83	120709	28.245	ug/L	92

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 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 07:08:03 2024
 Response via : Initial Calibration

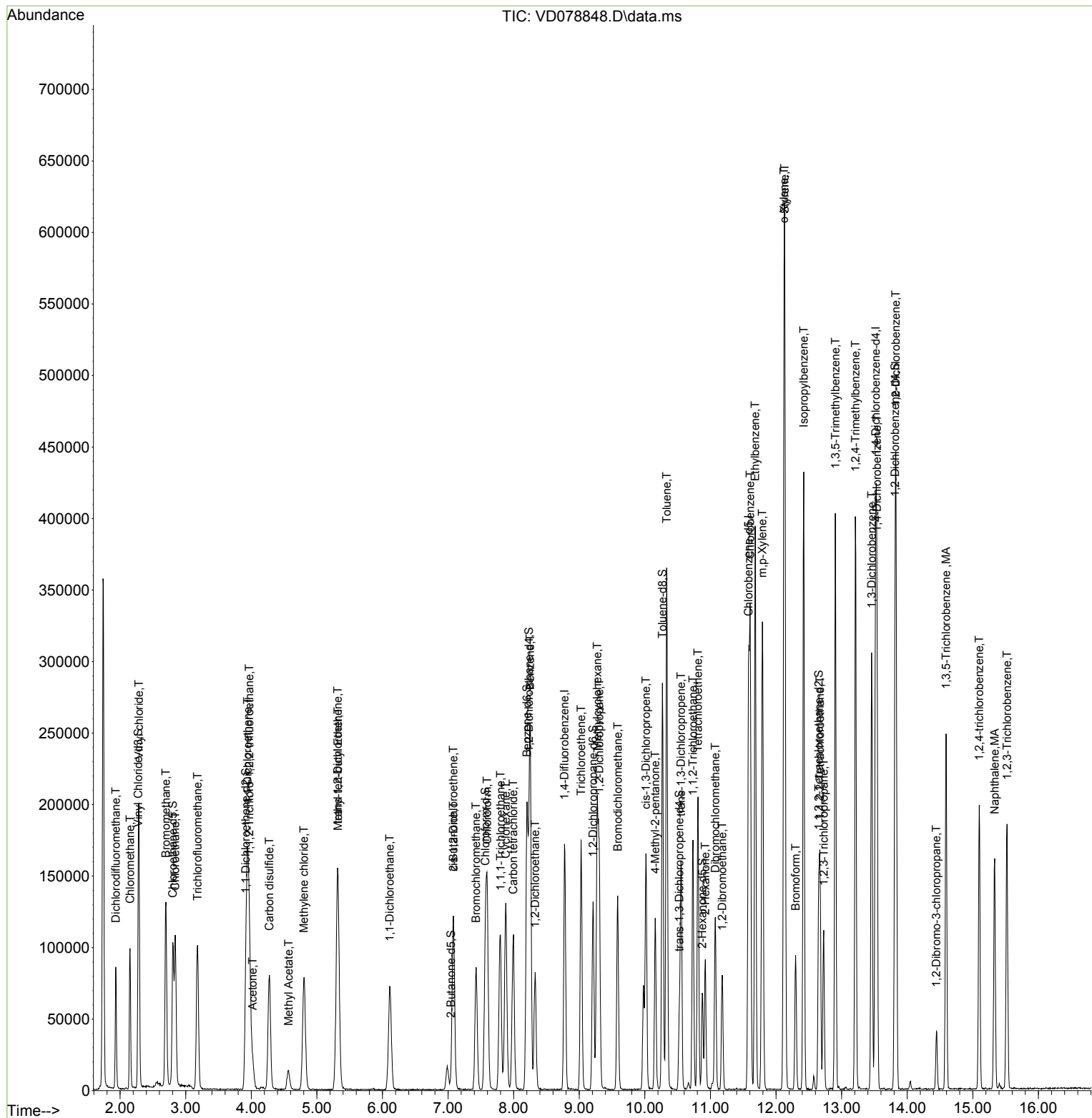
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	72483	30.222	ug/L	95
29) Cyclohexane	7.881	56	66549	23.495	ug/L	94
30) 1,1,1-Trichloroethane	7.799	97	91795	24.479	ug/L	97
31) Carbon tetrachloride	7.993	117	81101	24.095	ug/L	100
33) Benzene	8.252	78	253280	26.792	ug/L	100
34) Trichloroethene	9.028	95	60040	23.807	ug/L	93
35) Methylcyclohexane	9.275	83	81484	21.750	ug/L	96
37) 1,2-Dichloropropane	9.304	63	64749	26.712	ug/L	98
38) Bromodichloromethane	9.587	83	87963	26.375	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	102270	27.468	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	72216	65.225	ug/L	97
42) Toluene	10.334	91	273634	26.147	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	91858	28.155	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	56830	26.848	ug/L	95
46) Tetrachloroethene	10.810	164	45116	21.364	ug/L	93
48) 2-Hexanone	10.922	43	57036	65.454	ug/L	94
49) Dibromochloromethane	11.075	129	64360	26.259	ug/L	93
50) 1,2-Dibromoethane	11.181	107	53273	25.898	ug/L	100
51) Chlorobenzene	11.604	112	176276	24.973	ug/L	98
52) Ethylbenzene	11.681	91	283850	25.796	ug/L	98
53) m,p-Xylene	11.793	106	111001	25.608	ug/L	99
54) o-Xylene	12.122	106	109439	26.120	ug/L	95
55) Styrene	12.134	104	205112	27.315	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.669	83	68646	28.093	ug/L	98
59) Bromoform	12.298	173	41282	23.672	ug/L	98
60) Isopropylbenzene	12.422	105	274841	24.412	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	44477	27.086	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	208365	30.530	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	210268	25.106	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	130012	23.203	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	138437	23.362	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	130806	24.780	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.445	75	9685	25.905	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	77960	21.635	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	62372	20.525	ug/L	97
71) Naphthalene	15.334	128	143240	24.285	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	62769	22.560	ug/L	97

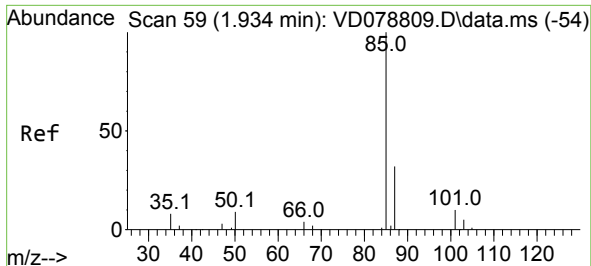
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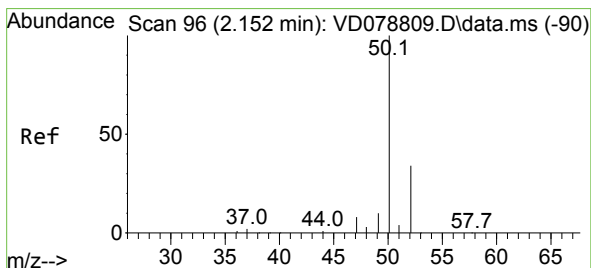
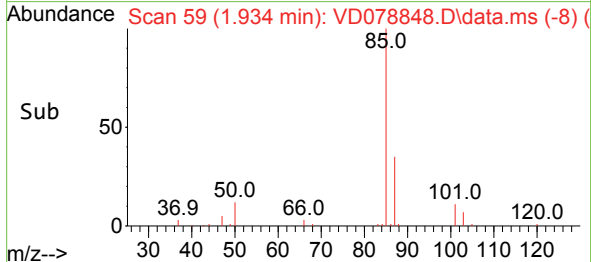
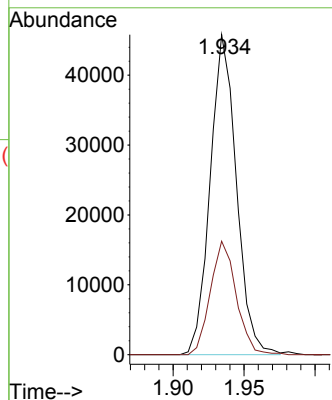
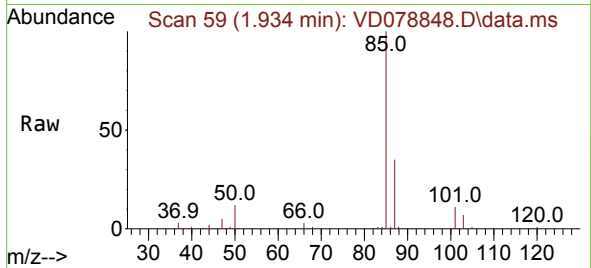




#2
Dichlorodifluoromethane
Concen: 26.246 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

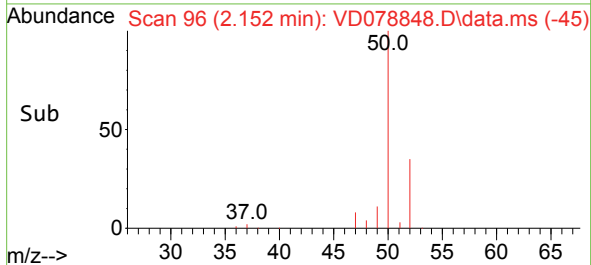
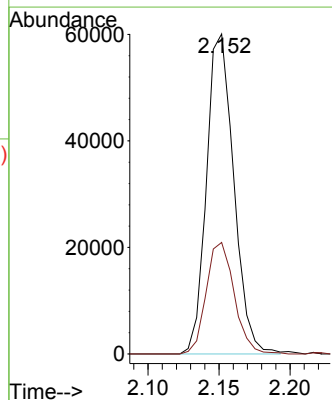
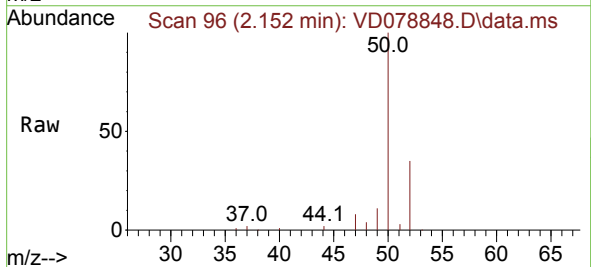
Instrument :
MSVOA_D
ClientSampleId :

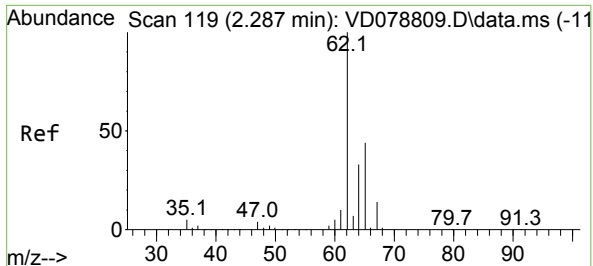
Tgt Ion: 85 Resp: 58822
Ion Ratio Lower Upper
85 100
87 34.9 26.5 39.7



#3
Chloromethane
Concen: 25.000 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Tgt Ion: 50 Resp: 80276
Ion Ratio Lower Upper
50 100
52 34.8 23.6 43.8

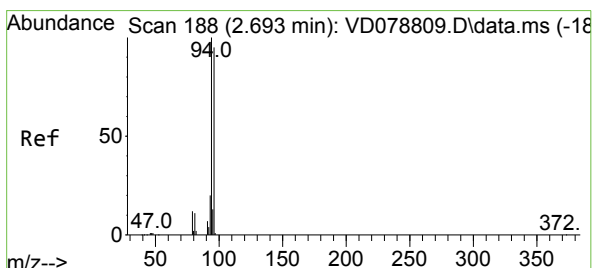
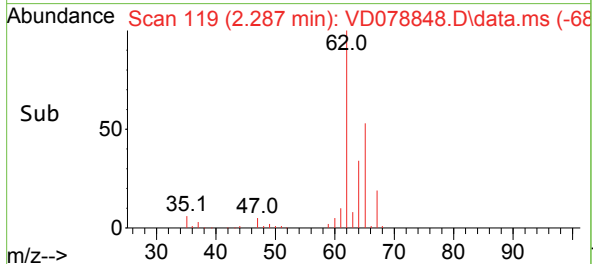
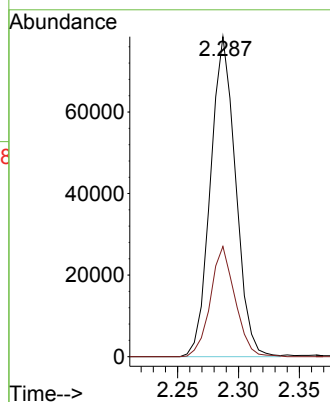
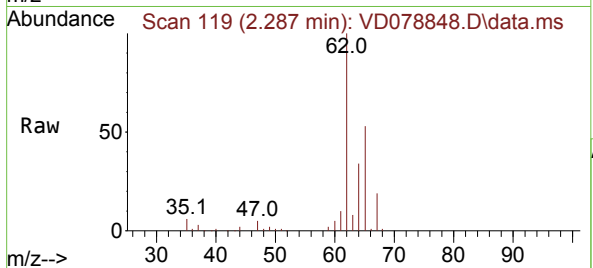




#5
 Vinyl chloride
 Concen: 23.394 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33

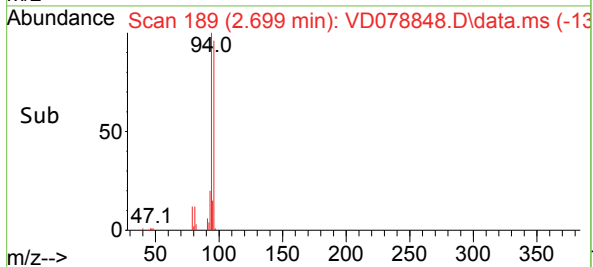
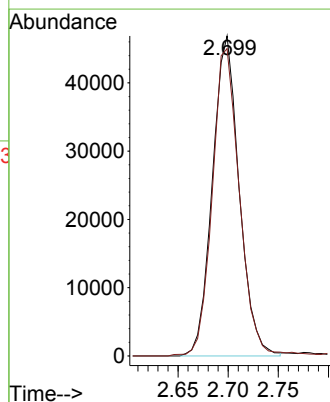
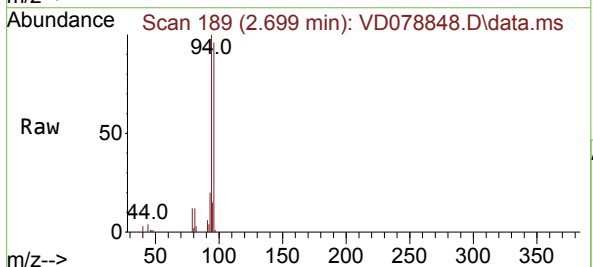
Instrument :
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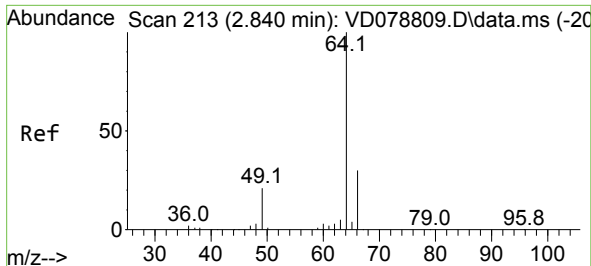
Tgt Ion: 62 Resp: 112955
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.2 43.0



#6
 Bromomethane
 Concen: 24.751 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33

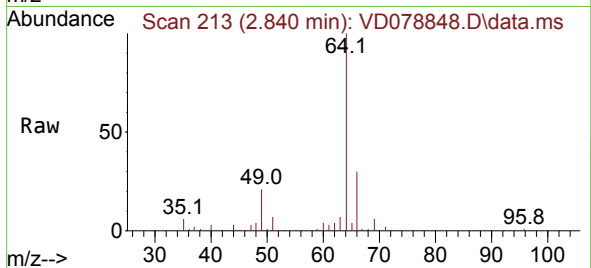
Tgt Ion: 94 Resp: 86854
 Ion Ratio Lower Upper
 94 100
 96 96.1 66.9 124.3



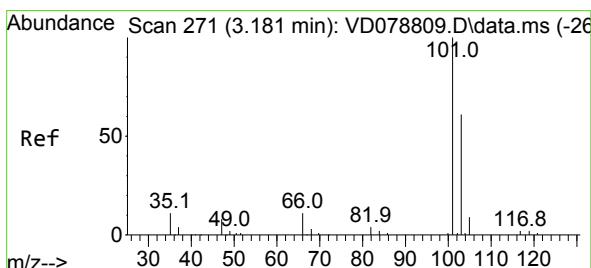
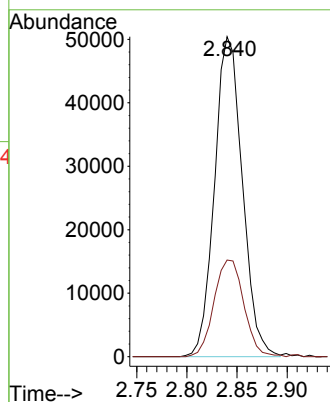
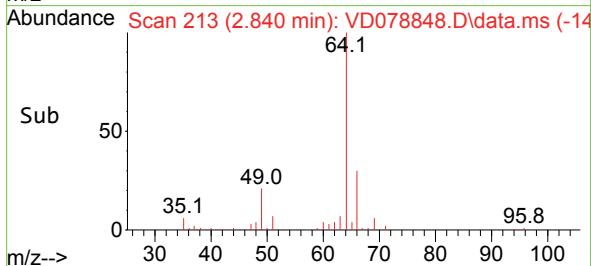


#8
Chloroethane
Concen: 27.561 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Instrument :
MSVOA_D
ClientSampleId :

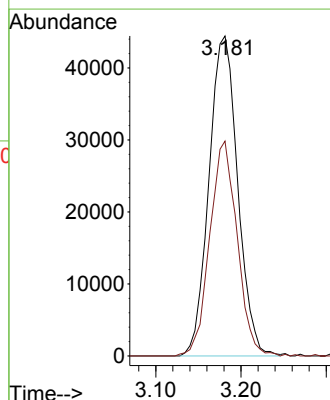
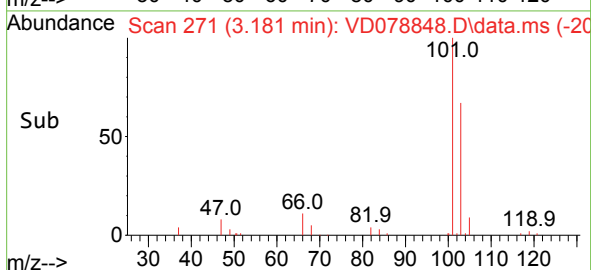
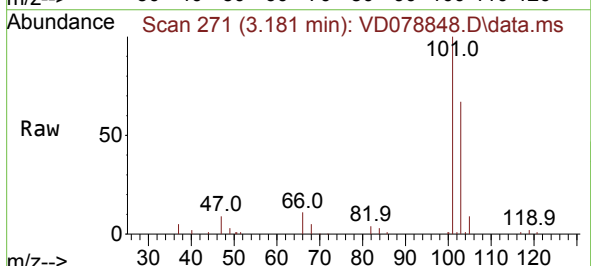


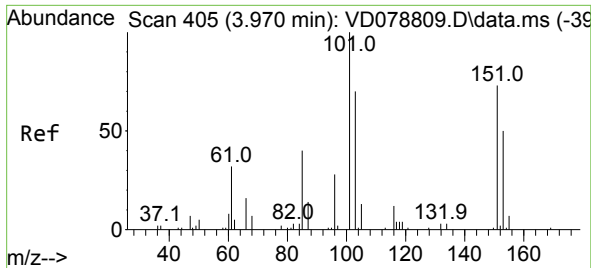
Tgt Ion: 64 Resp: 97095
Ion Ratio Lower Upper
64 100
66 30.2 21.0 39.0



#9
Trichlorofluoromethane
Concen: 29.555 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Tgt Ion:101 Resp: 104391
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.8

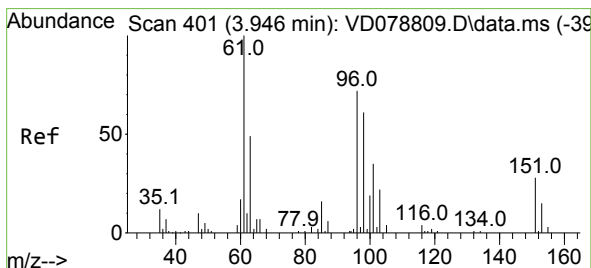
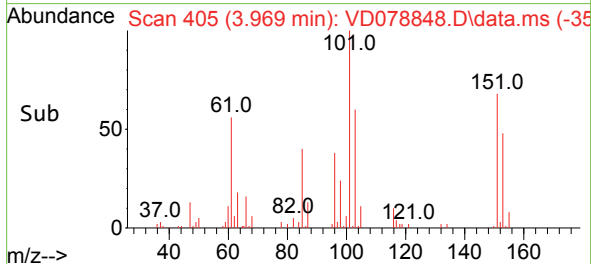
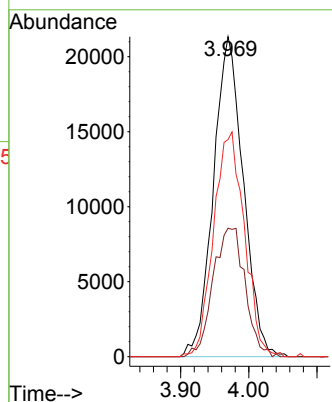
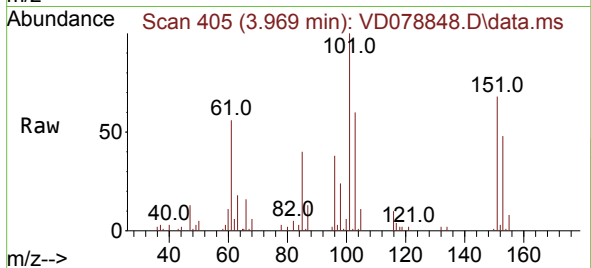




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.530 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33

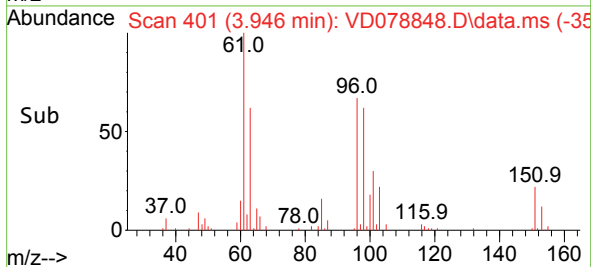
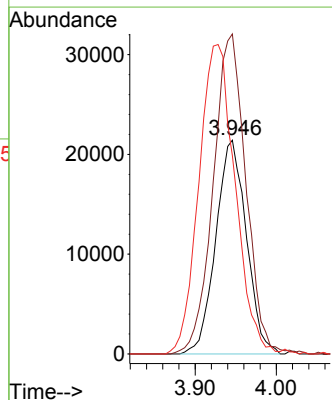
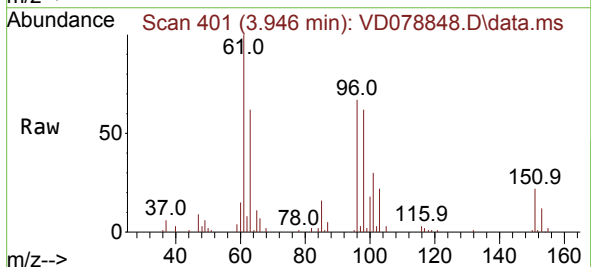
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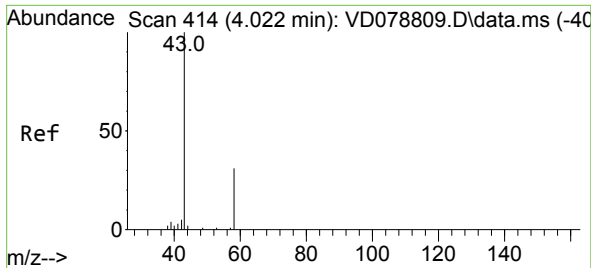
Tgt Ion:101 Resp: 65094
 Ion Ratio Lower Upper
 101 100
 85 42.7 19.5 29.3#
 151 72.1 61.9 92.9



#12
 1,1-Dichloroethene
 Concen: 27.492 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33

Tgt Ion: 96 Resp: 56024
 Ion Ratio Lower Upper
 96 100
 61 149.7 99.0 183.8
 63 92.8 55.2 102.6





#13

Acetone

Concen: 57.125 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

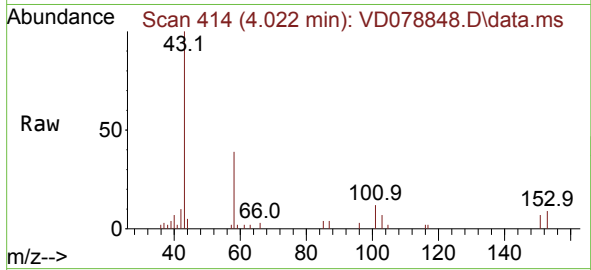
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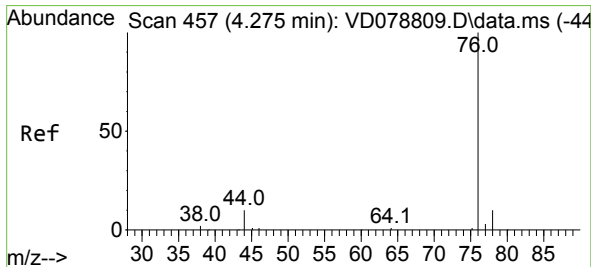
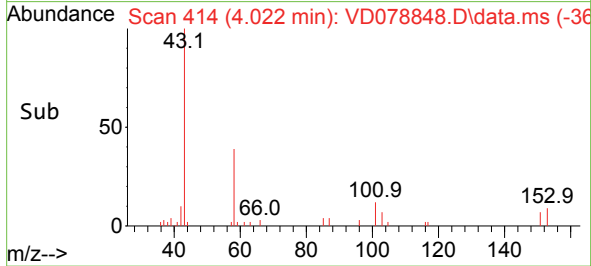
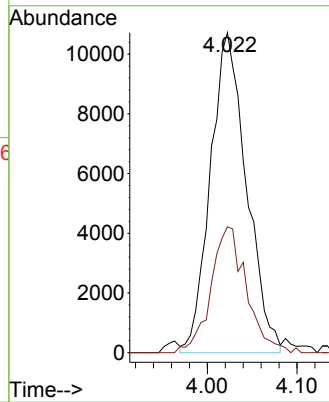


Tgt Ion: 43 Resp: 29937

Ion Ratio Lower Upper

43 100

58 38.4 0.0 78.6



#14

Carbon disulfide

Concen: 24.509 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD078848.D

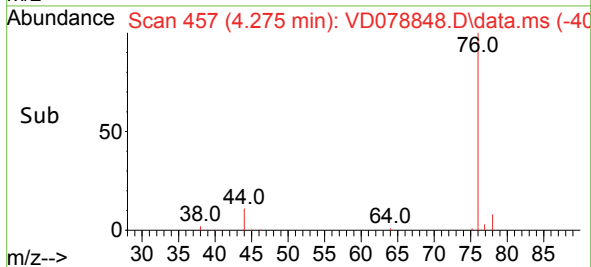
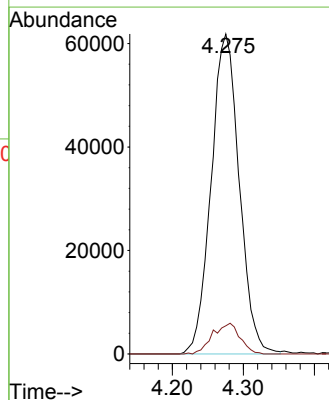
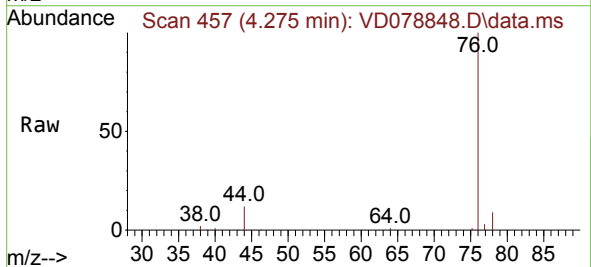
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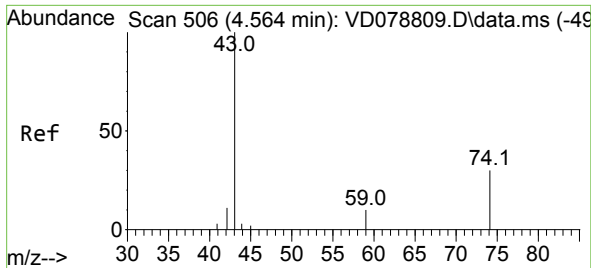
Tgt Ion: 76 Resp: 169895

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.6

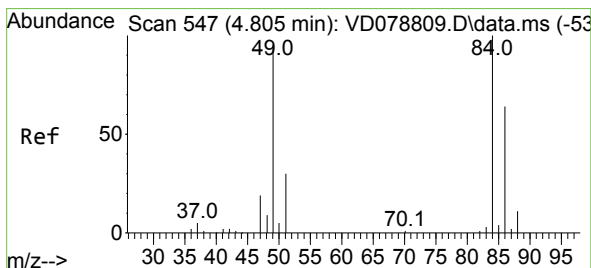
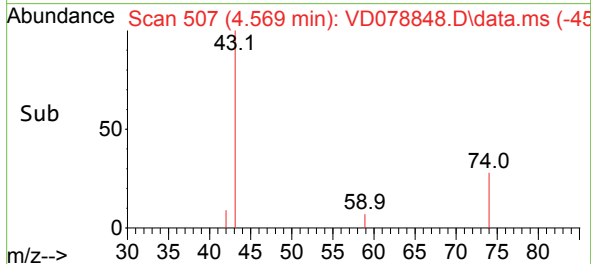
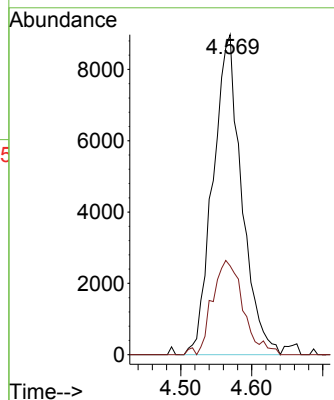
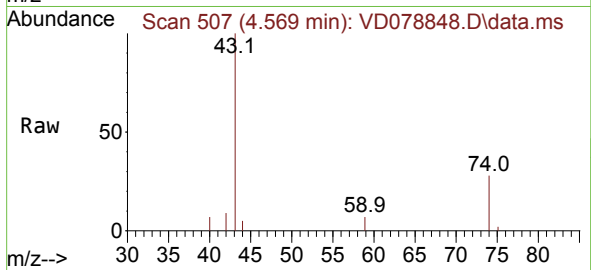




#15
Methyl Acetate
Concen: 32.601 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

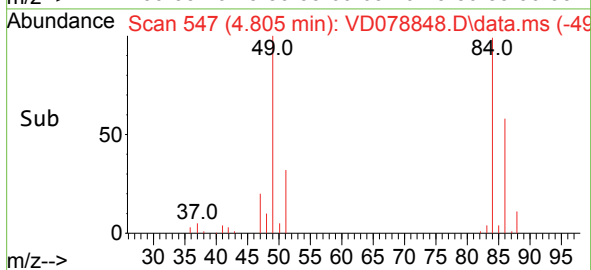
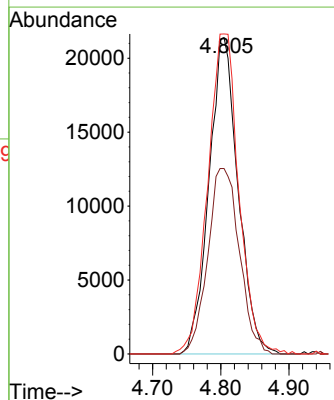
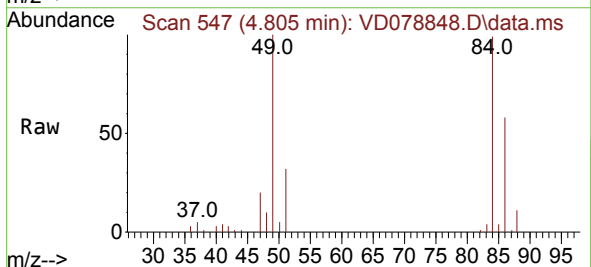
Instrument :
MSVOA_D
ClientSampleId :

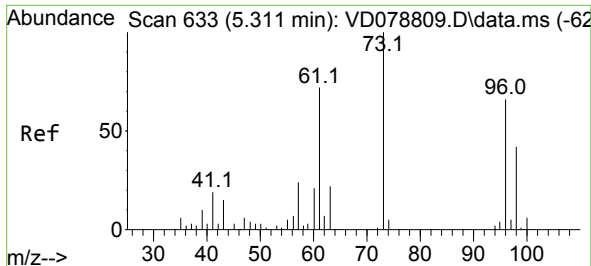
Tgt Ion: 43 Resp: 25176
Ion Ratio Lower Upper
43 100
74 30.0 23.4 35.2



#16
Methylene chloride
Concen: 23.623 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

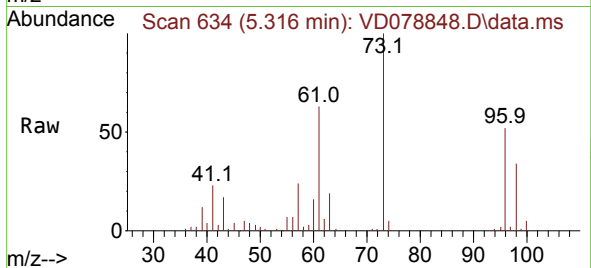
Tgt Ion: 84 Resp: 63744
Ion Ratio Lower Upper
84 100
86 58.6 44.7 83.1
49 101.2 67.1 124.5



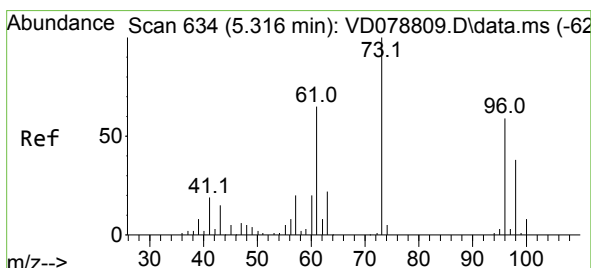
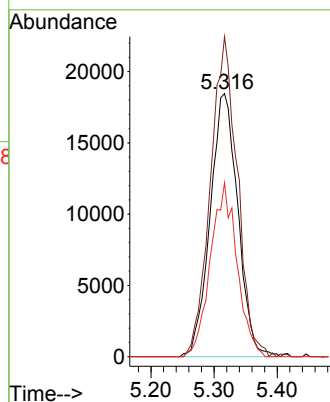
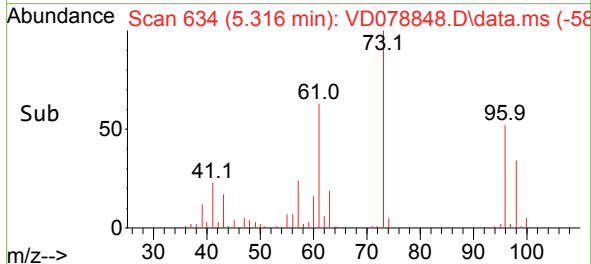


#17
trans-1,2-Dichloroethene
Concen: 24.701 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Instrument :
MSVOA_D
ClientSampleId :

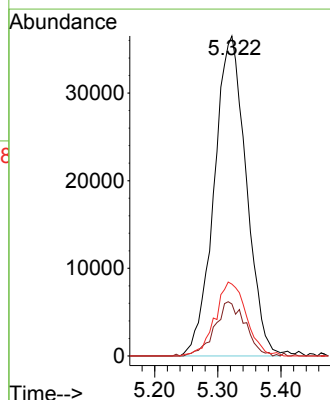
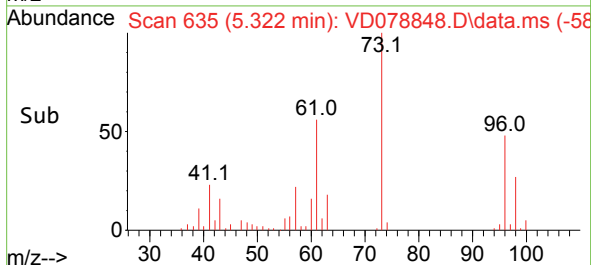
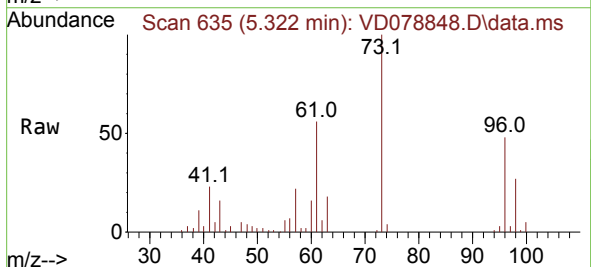


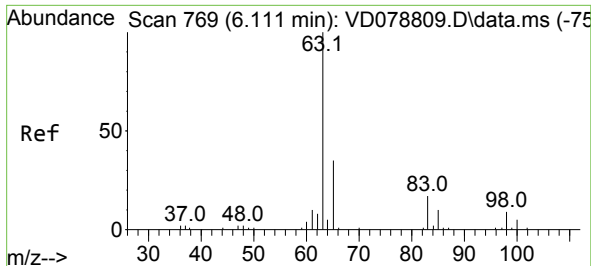
Tgt Ion: 96 Resp: 56228
Ion Ratio Lower Upper
96 100
61 121.6 76.2 141.6
98 66.1 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 29.501 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Tgt Ion: 73 Resp: 128470
Ion Ratio Lower Upper
73 100
43 16.1 7.0 10.4#
57 22.4 17.4 26.0





#19

1,1-Dichloroethane

Concen: 28.730 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.000 min

Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

Instrument :

MSVOA_D

ClientSampleId :

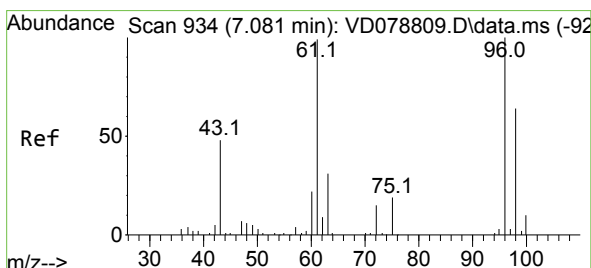
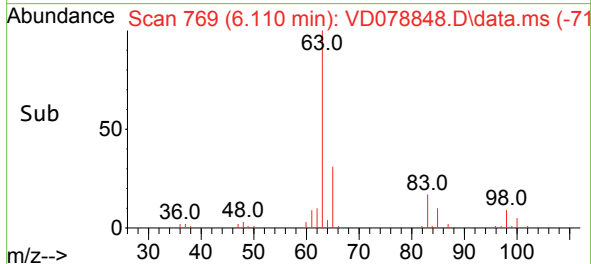
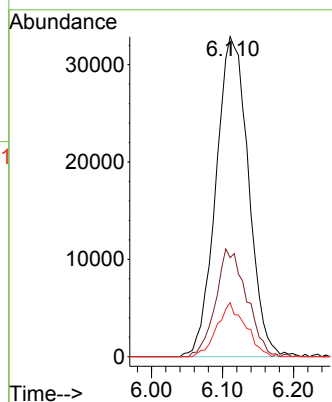
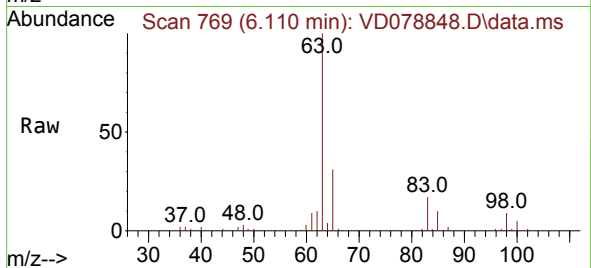
Tgt Ion: 63 Resp: 104193

Ion Ratio Lower Upper

63 100

65 30.9 24.3 45.1

83 16.9 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 26.003 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

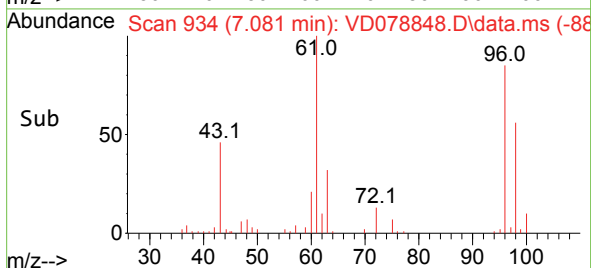
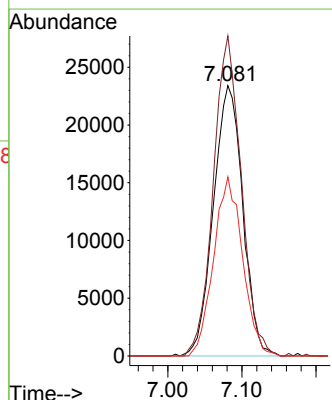
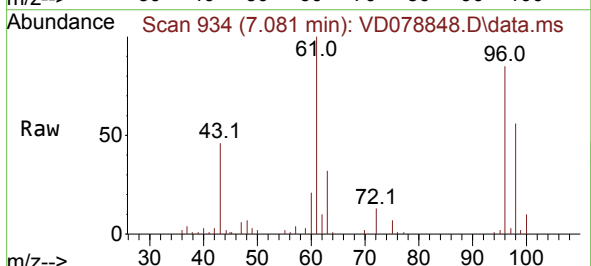
Tgt Ion: 96 Resp: 64349

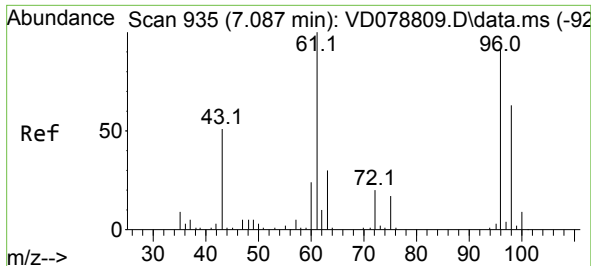
Ion Ratio Lower Upper

96 100

61 118.3 69.0 128.2

98 66.2 44.8 83.2





#22

2-Butanone

Concen: 52.881 ug/L

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

Instrument :

MSVOA_D

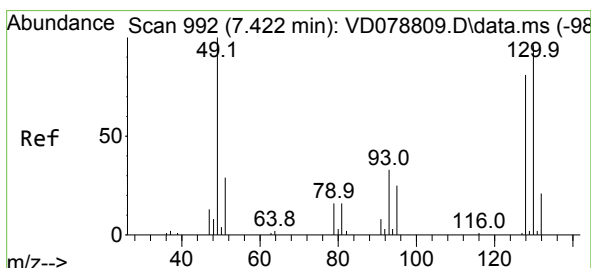
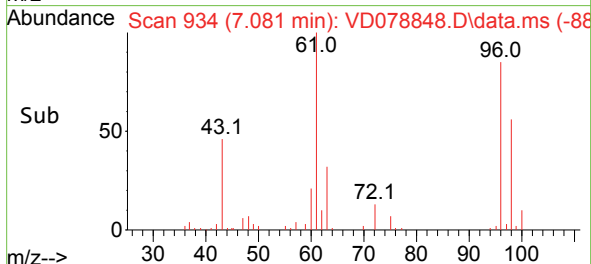
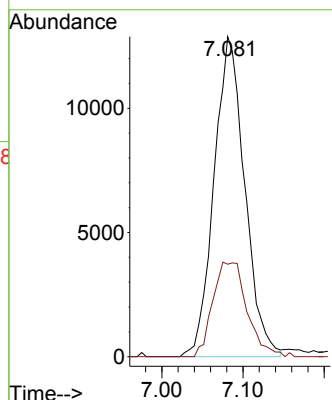
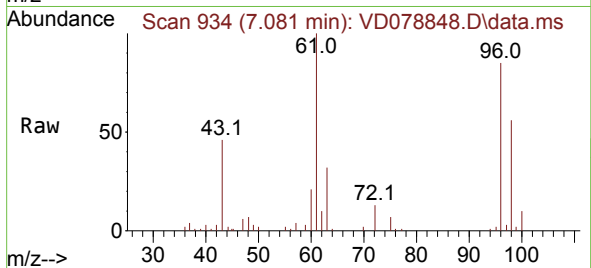
ClientSampleId :

Tgt Ion: 43 Resp: 33857

Ion Ratio Lower Upper

43 100

72 16.1 16.8 50.4#



#23

Bromochloromethane

Concen: 27.136 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

Tgt Ion:128 Resp: 33130

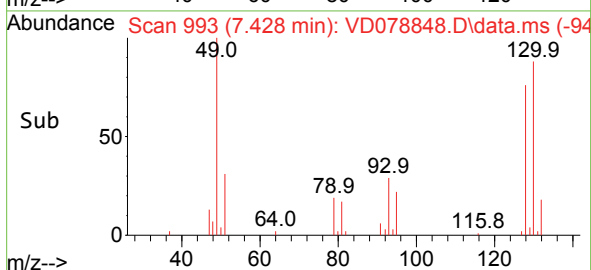
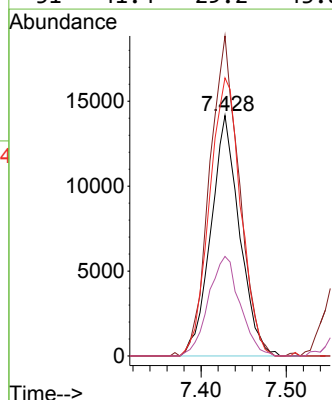
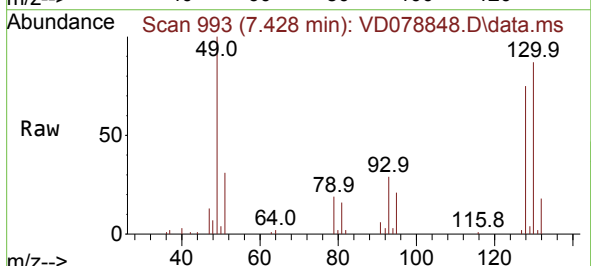
Ion Ratio Lower Upper

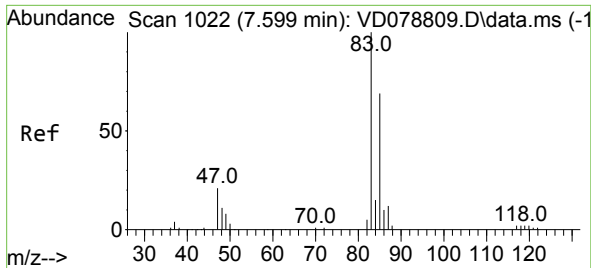
128 100

49 133.1 87.6 162.8

130 115.7 84.5 156.9

51 41.4 29.2 43.8

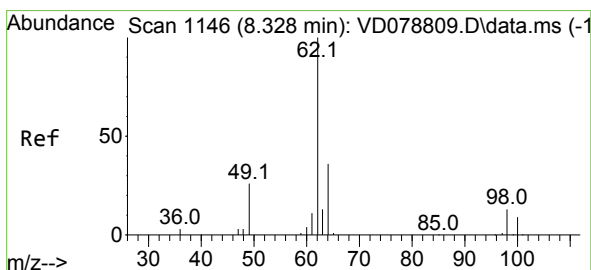
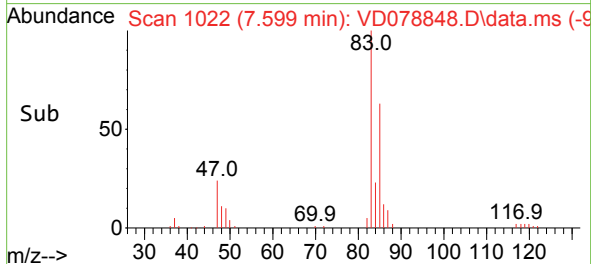
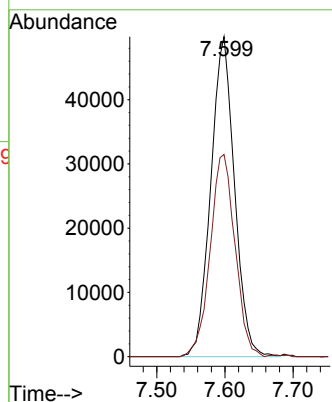
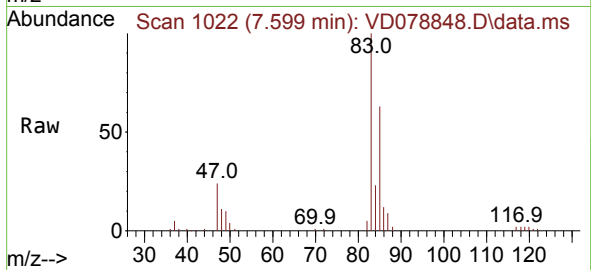




#25
Chloroform
Concen: 28.245 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

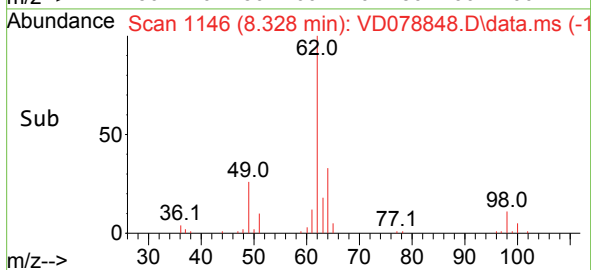
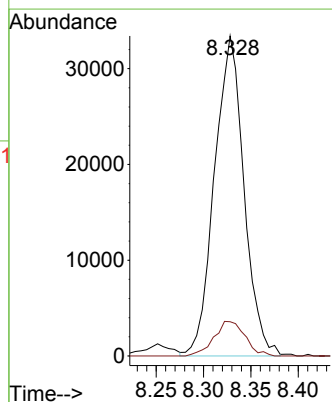
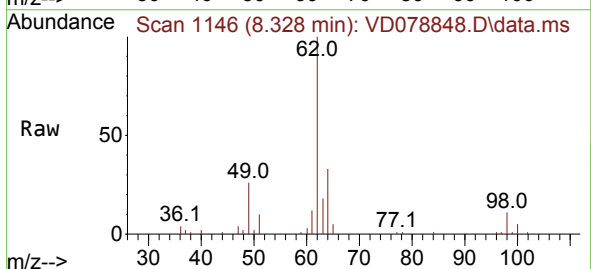
Instrument :
MSVOA_D
ClientSampleId :

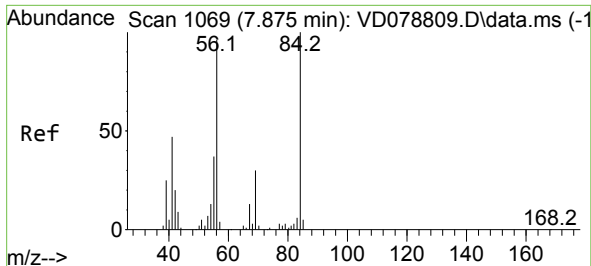
Tgt Ion: 83 Resp: 120709
Ion Ratio Lower Upper
83 100
85 63.2 48.6 90.2



#27
1,2-Dichloroethane
Concen: 30.222 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Tgt Ion: 62 Resp: 72483
Ion Ratio Lower Upper
62 100
98 10.7 10.0 15.0





#29

Cyclohexane

Concen: 23.495 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

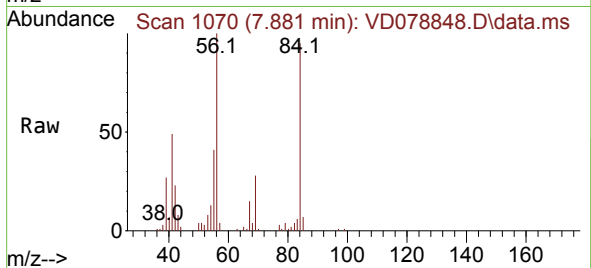
Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

Instrument :

MSVOA_D

ClientSampleId :



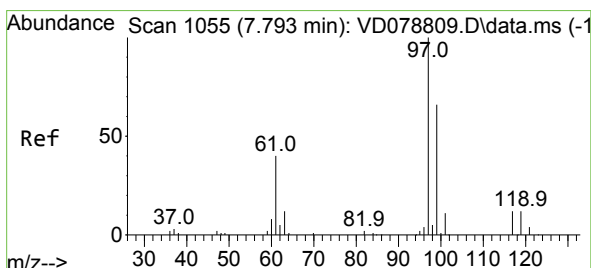
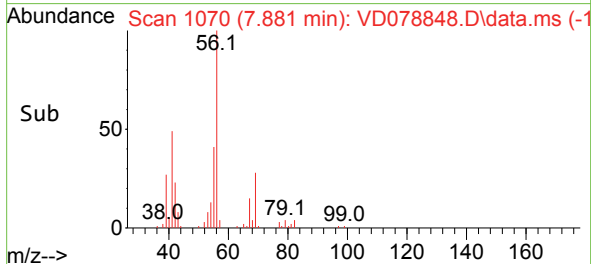
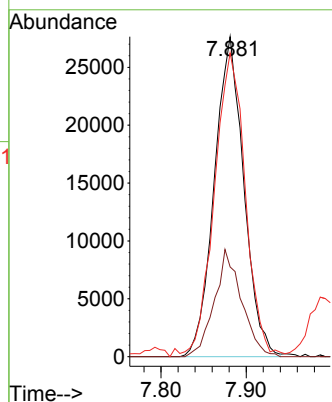
Tgt Ion: 56 Resp: 66549

Ion Ratio Lower Upper

56 100

69 31.0 26.1 39.1

84 98.8 84.2 126.4



#30

1,1,1-Trichloroethane

Concen: 24.479 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

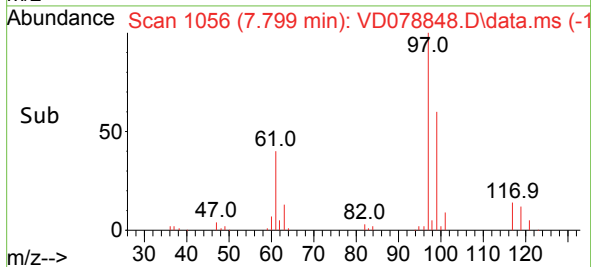
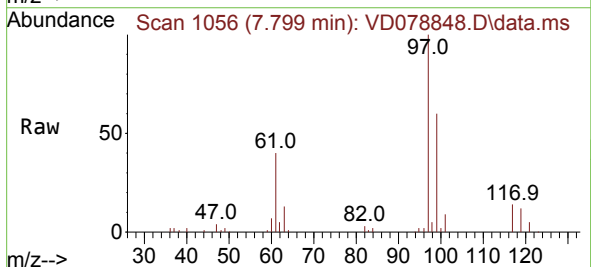
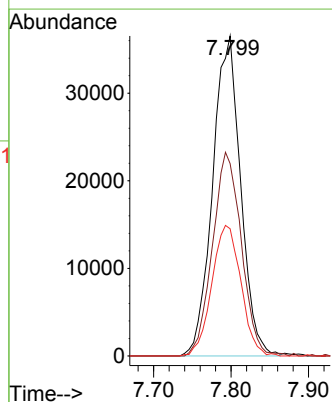
Tgt Ion: 97 Resp: 91795

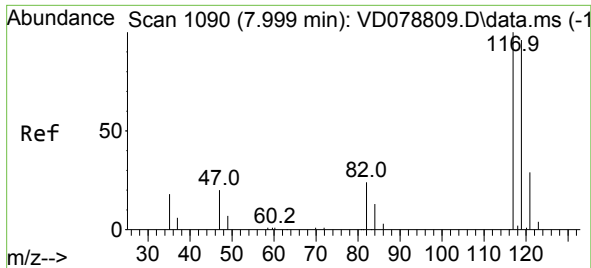
Ion Ratio Lower Upper

97 100

99 65.6 50.8 76.2

61 42.3 31.5 47.3

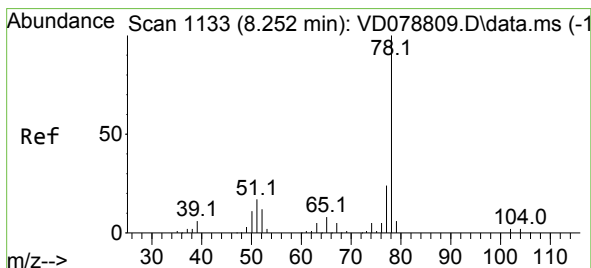
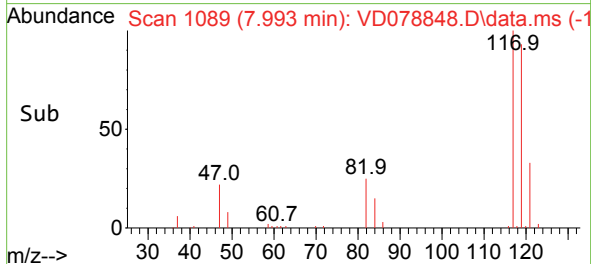
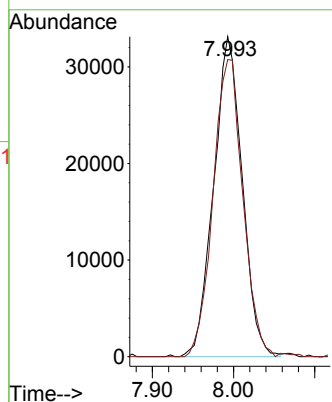
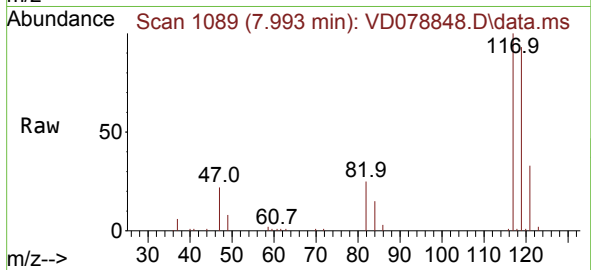




#31
Carbon tetrachloride
Concen: 24.095 ug/L
RT: 7.993 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

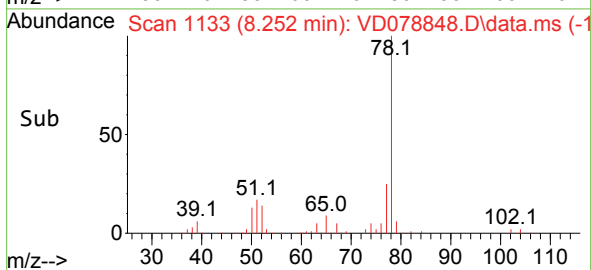
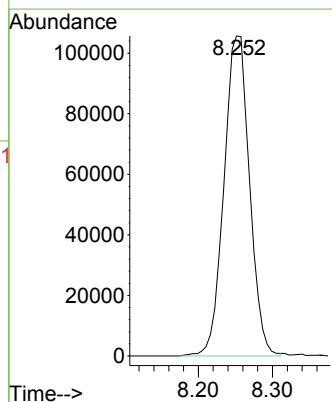
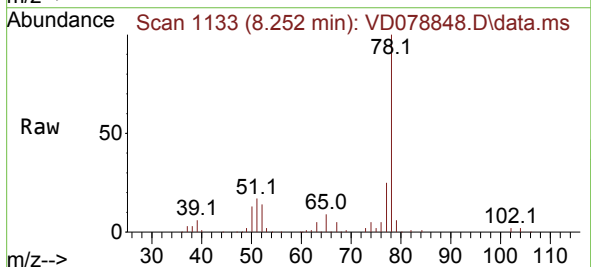
Instrument :
MSVOA_D
ClientSampleId :

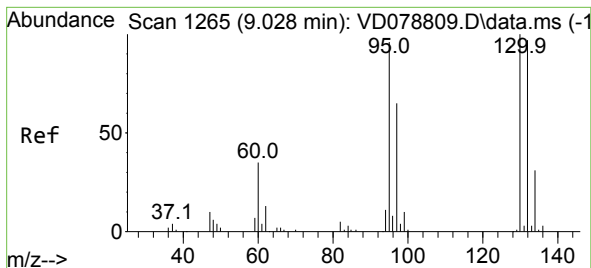
Tgt Ion:117 Resp: 81101
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.4



#33
Benzene
Concen: 26.792 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Tgt Ion: 78 Resp: 253280





#34

Trichloroethene

Concen: 23.807 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

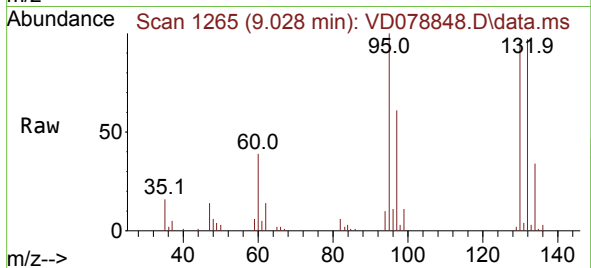
Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 60040

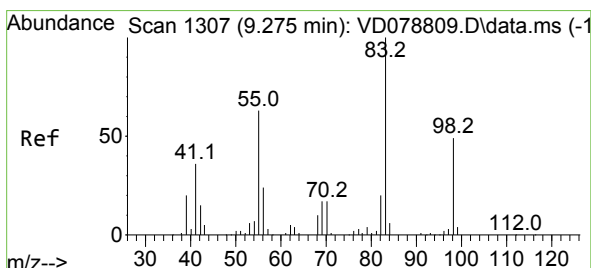
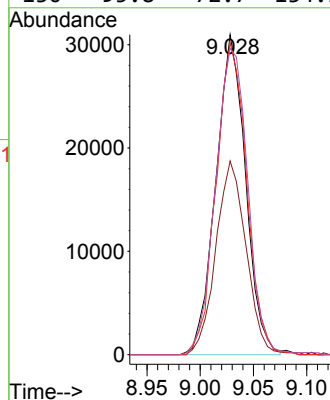
Ion Ratio Lower Upper

95 100

97 60.5 47.4 88.0

132 97.5 70.8 131.4

130 95.8 72.7 134.9



#35

Methylcyclohexane

Concen: 21.750 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

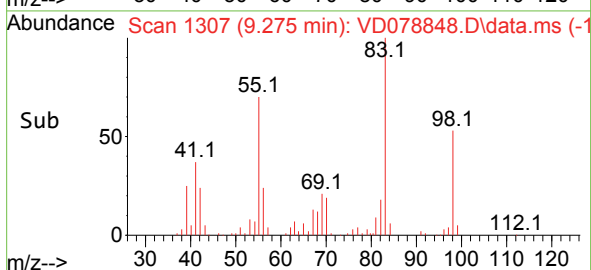
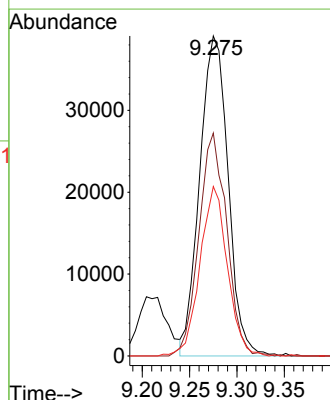
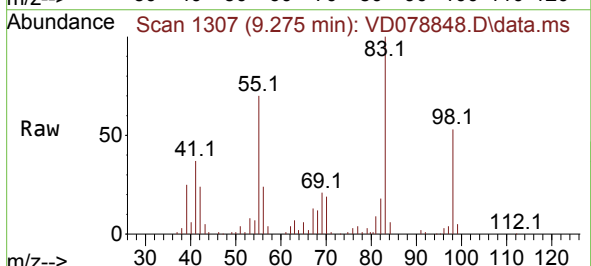
Tgt Ion: 83 Resp: 81484

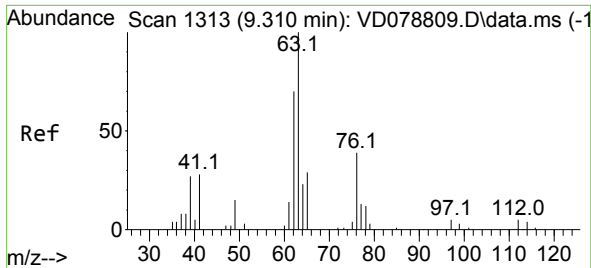
Ion Ratio Lower Upper

83 100

55 67.9 50.2 75.2

98 51.1 40.7 61.1





#37

1,2-Dichloropropane

Concen: 26.712 ug/L

RT: 9.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

Instrument :

MSVOA_D

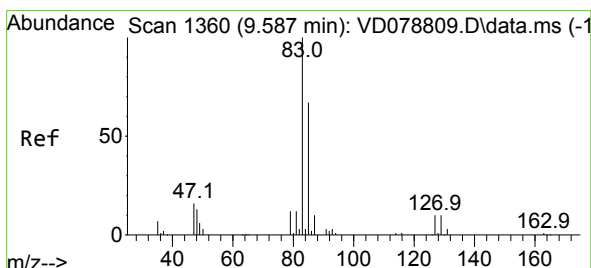
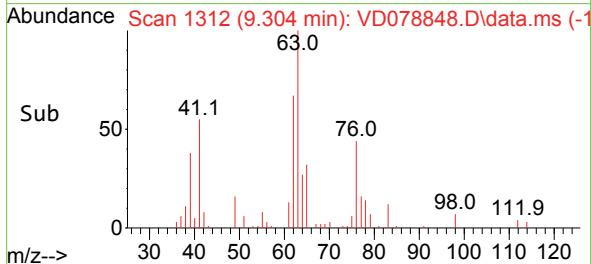
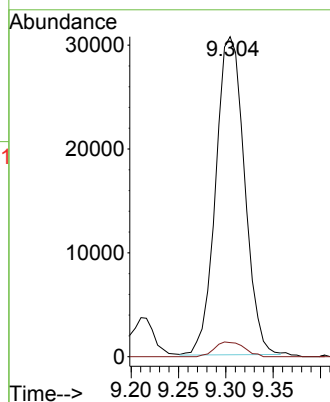
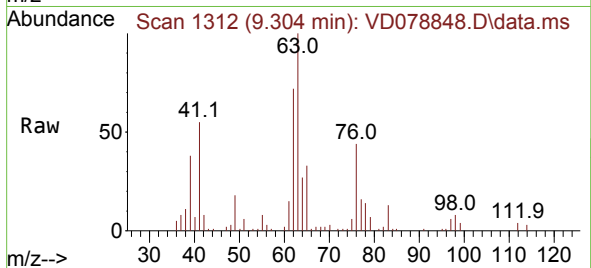
ClientSampleId :

Tgt Ion: 63 Resp: 64749

Ion Ratio Lower Upper

63 100

112 4.7 4.3 6.5



#38

Bromodichloromethane

Concen: 26.375 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

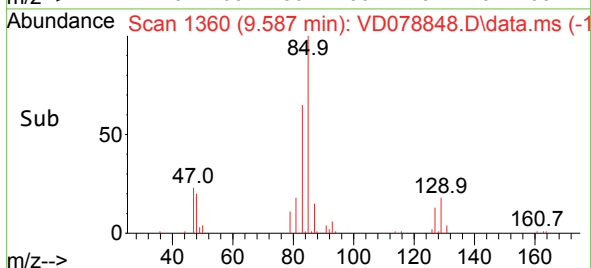
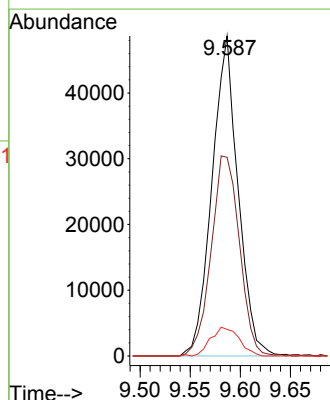
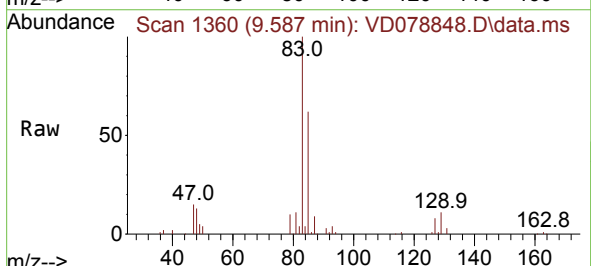
Tgt Ion: 83 Resp: 87963

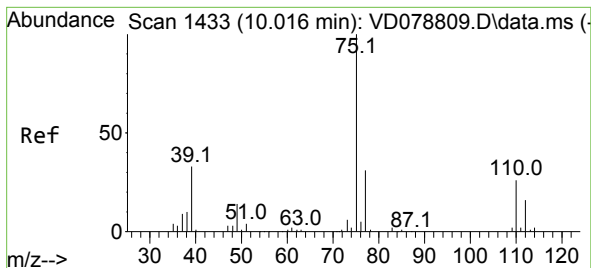
Ion Ratio Lower Upper

83 100

85 62.1 46.8 87.0

127 8.3 7.7 11.5

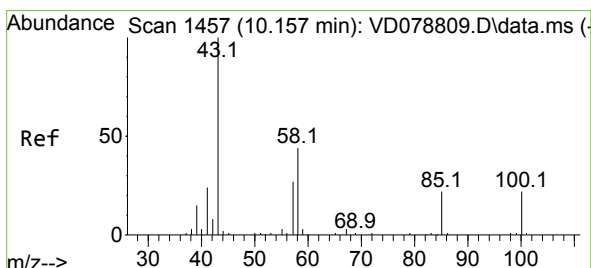
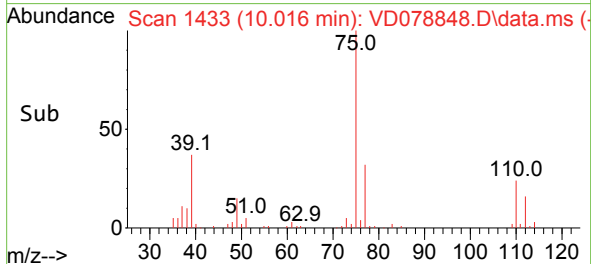
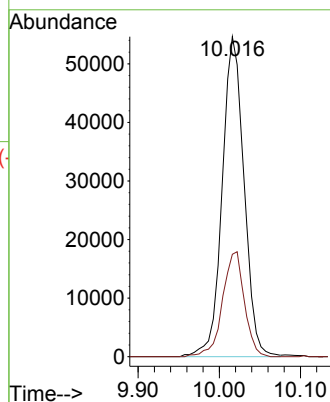
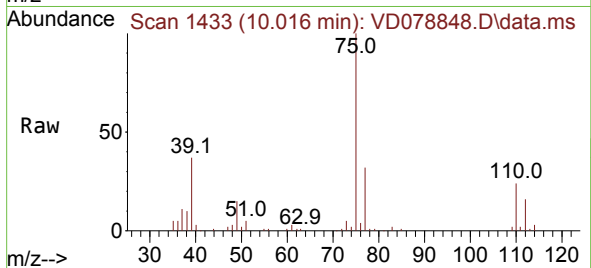




#39
 cis-1,3-Dichloropropene
 Concen: 27.468 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33

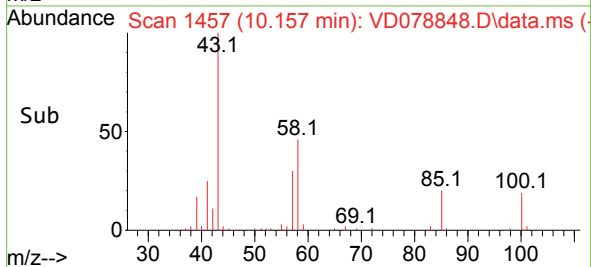
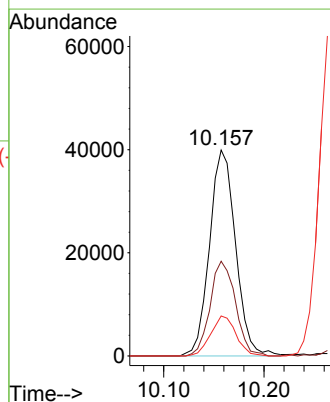
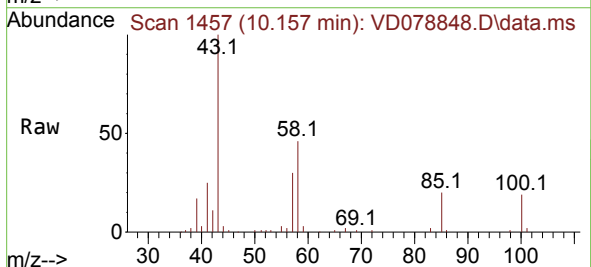
Instrument :
 MSVOA_D
 ClientSampleId :

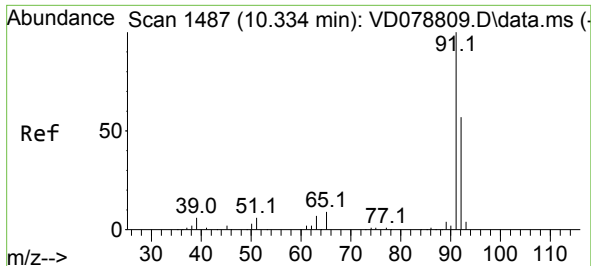
Tgt Ion: 75 Resp: 102270
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 65.225 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33

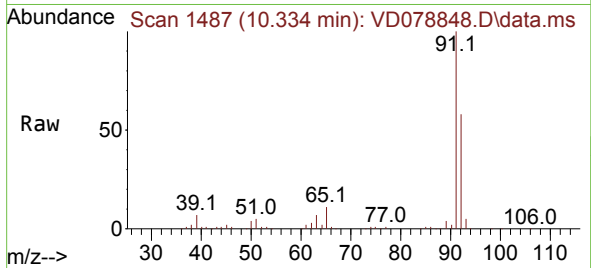
Tgt Ion: 43 Resp: 72216
 Ion Ratio Lower Upper
 43 100
 58 44.7 36.2 54.2
 100 18.8 18.3 27.5



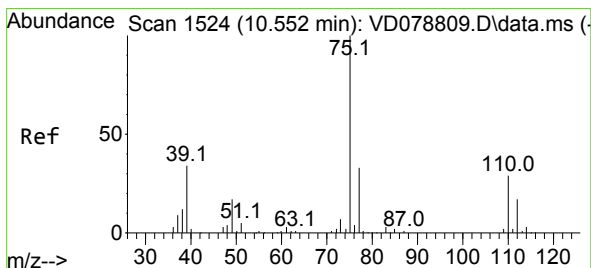
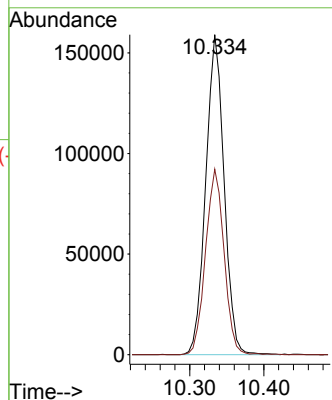
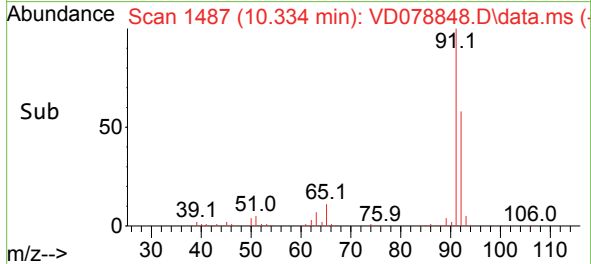


#42
Toluene
Concen: 26.147 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Instrument :
MSVOA_D
ClientSampleId :

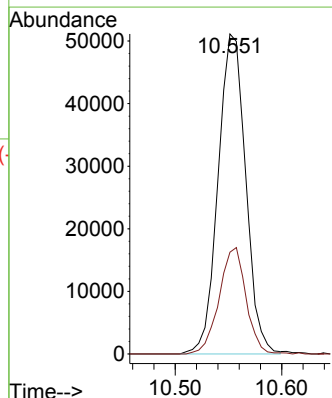
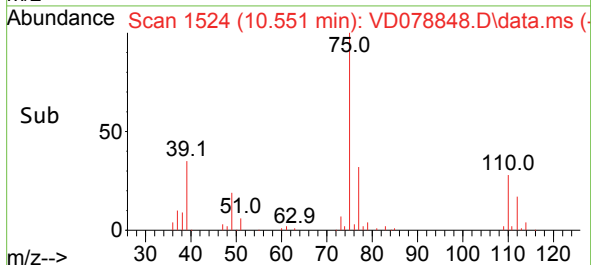
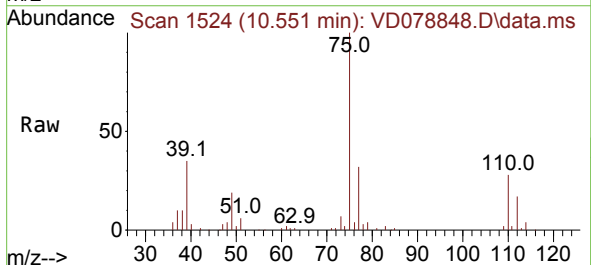


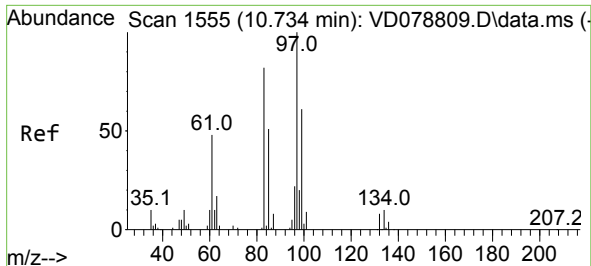
Tgt Ion: 91 Resp: 273634
Ion Ratio Lower Upper
91 100
92 57.9 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 28.155 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

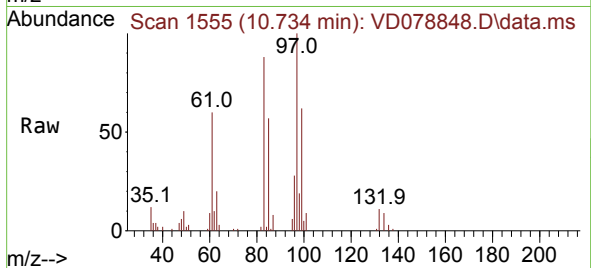
Tgt Ion: 75 Resp: 91858
Ion Ratio Lower Upper
75 100
77 31.8 23.4 43.4



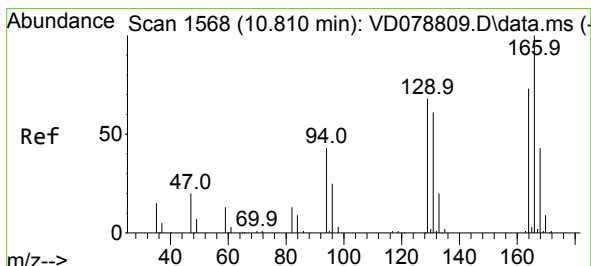
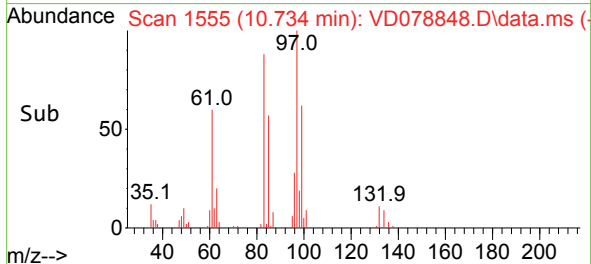
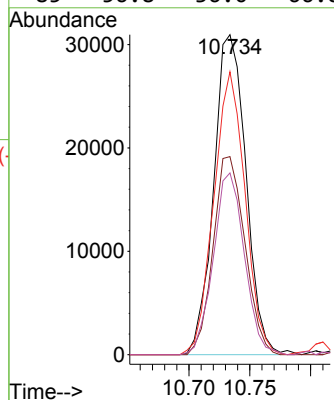


#45
1,1,2-Trichloroethane
Concen: 26.848 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Instrument :
MSVOA_D
ClientSampleId :

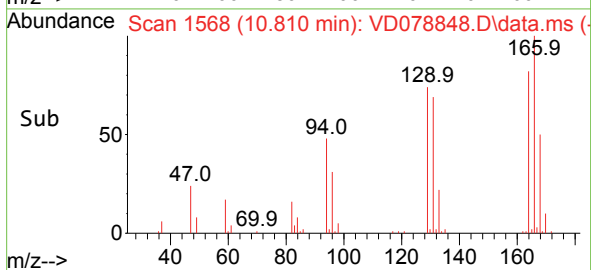
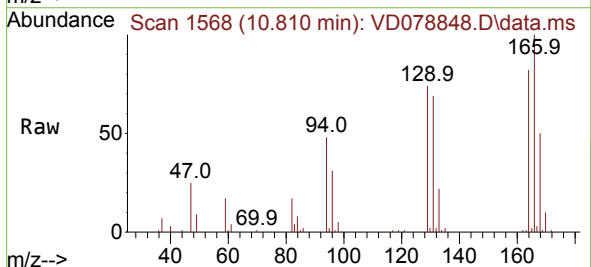
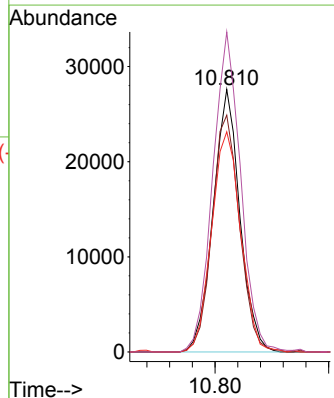


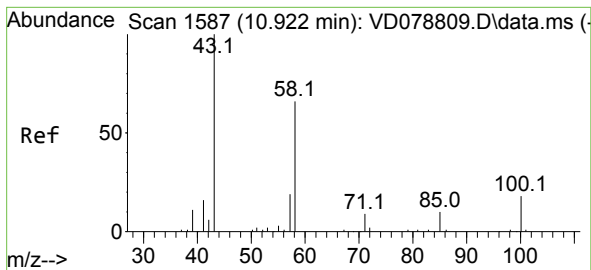
Tgt Ion: 97	Resp: 56830
Ion Ratio	Lower Upper
97 100	
99 61.9	42.6 79.2
83 88.4	58.0 107.6
85 56.8	36.0 66.8



#46
Tetrachloroethene
Concen: 21.364 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Tgt	Ion:164	Resp:	45116
Ion	Ratio	Lower	Upper
164	100		
129	90.2	65.3	121.3
131	83.9	58.4	108.6
166	121.9	96.5	179.1





#48

2-Hexanone

Concen: 65.454 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

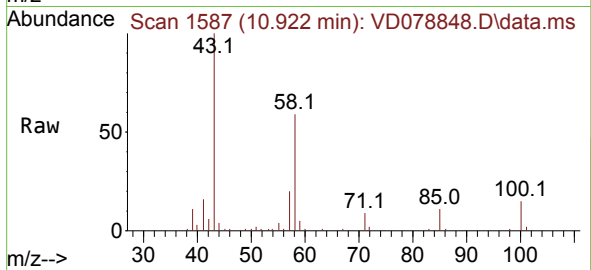
Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 57036

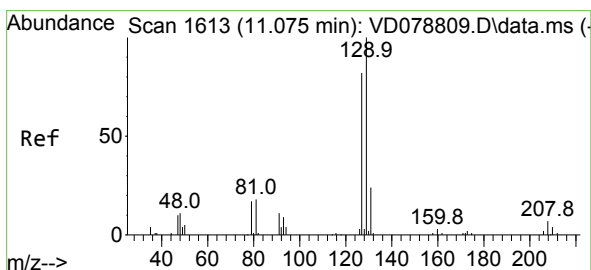
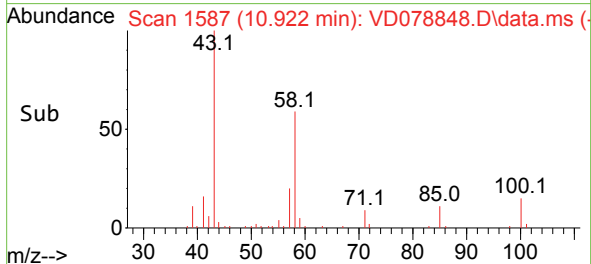
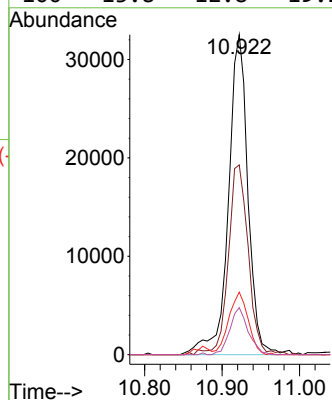
Ion Ratio Lower Upper

43 100

58 57.6 50.3 75.5

57 19.4 16.5 24.7

100 13.8 12.8 19.2



#49

Dibromochloromethane

Concen: 26.259 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078848.D

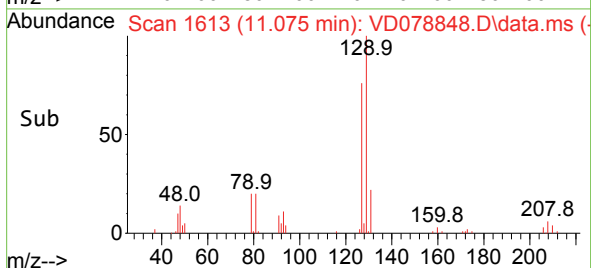
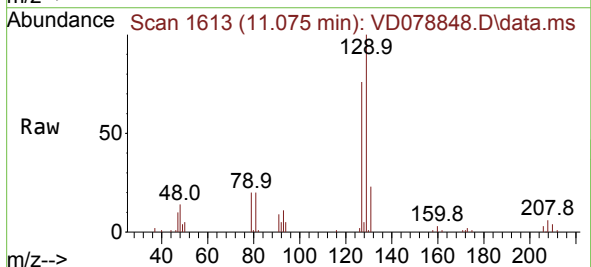
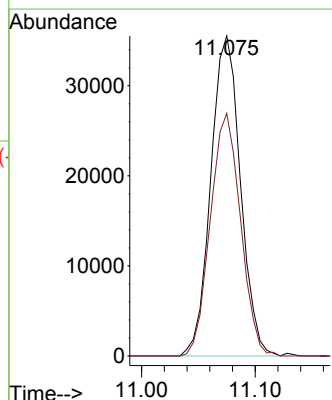
Acq: 30 Apr 2024 10:33

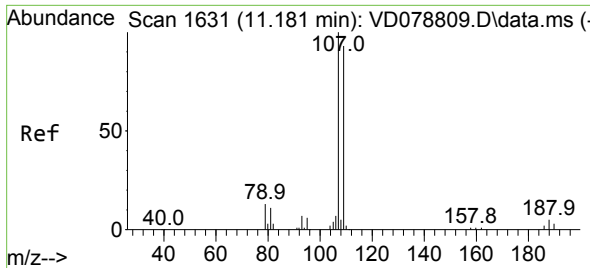
Tgt Ion: 129 Resp: 64360

Ion Ratio Lower Upper

129 100

127 75.8 57.1 106.1

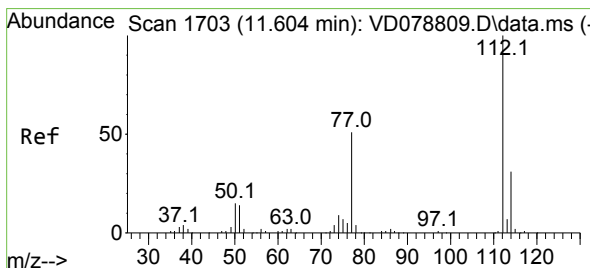
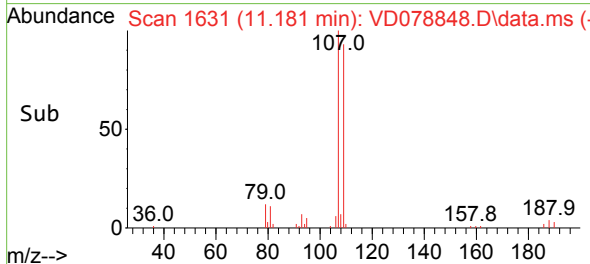
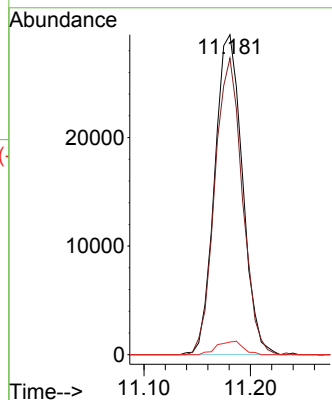
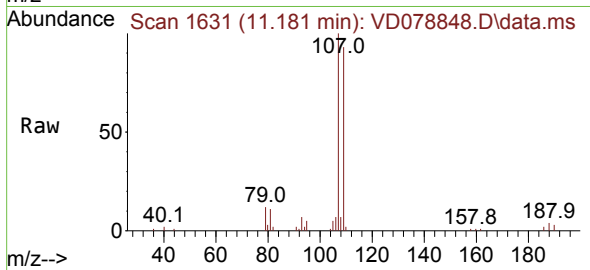




#50
1,2-Dibromoethane
Concen: 25.898 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

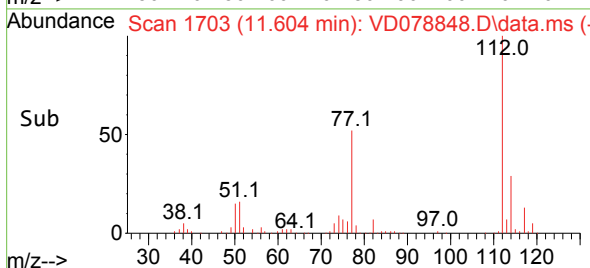
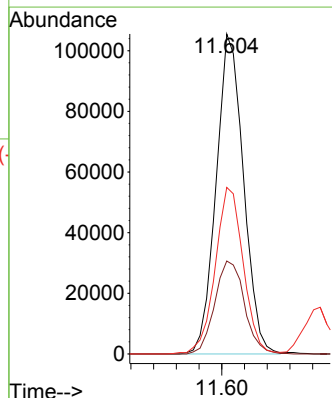
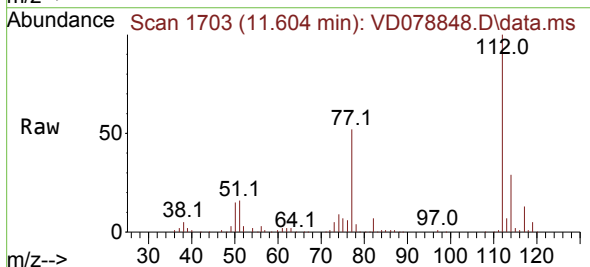
Instrument :
MSVOA_D
ClientSampleId :

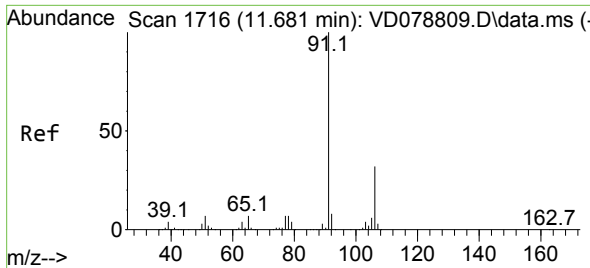
Tgt Ion:107 Resp: 53273
Ion Ratio Lower Upper
107 100
109 92.6 64.8 120.4
188 3.9 3.6 5.4



#51
Chlorobenzene
Concen: 24.973 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Tgt Ion:112 Resp: 176276
Ion Ratio Lower Upper
112 100
114 29.0 21.7 40.3
77 52.0 41.0 61.6

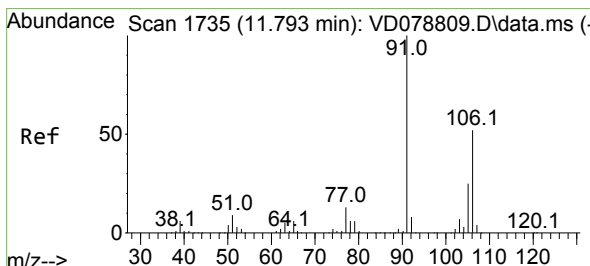
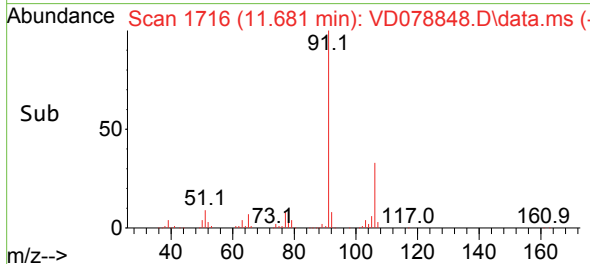
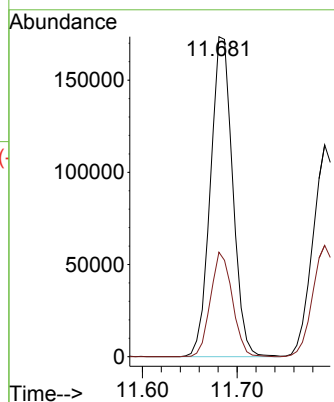
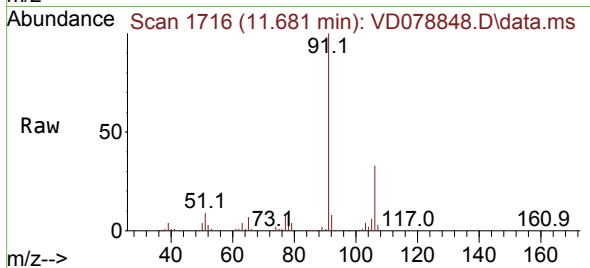




#52
Ethylbenzene
Concen: 25.796 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

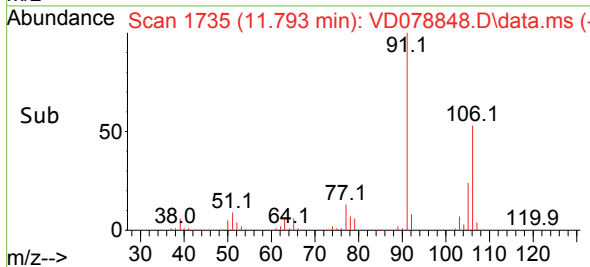
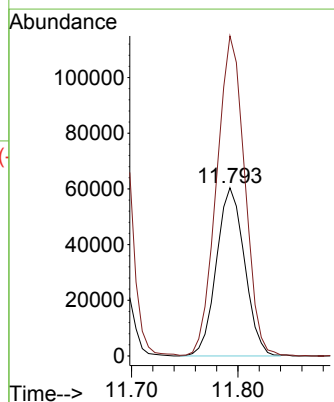
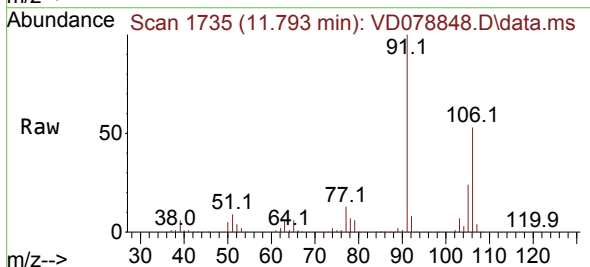
Instrument :
MSVOA_D
ClientSampleId :

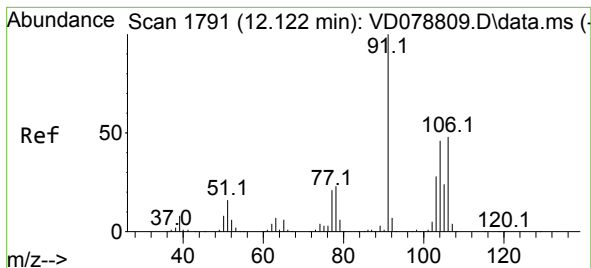
Tgt Ion: 91 Resp: 283850
Ion Ratio Lower Upper
91 100
106 32.6 22.3 41.3



#53
m,p-Xylene
Concen: 25.608 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Tgt Ion: 106 Resp: 111001
Ion Ratio Lower Upper
106 100
91 190.4 134.4 249.6

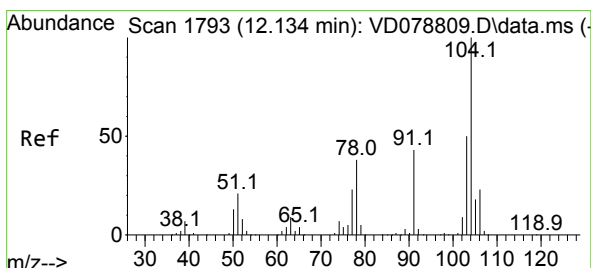
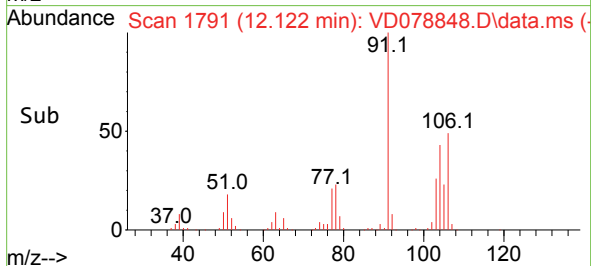
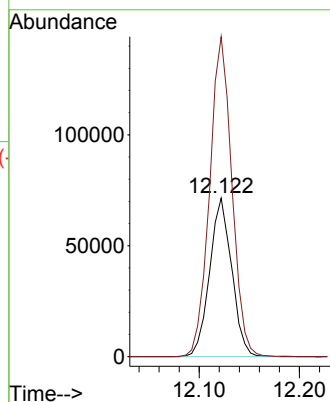
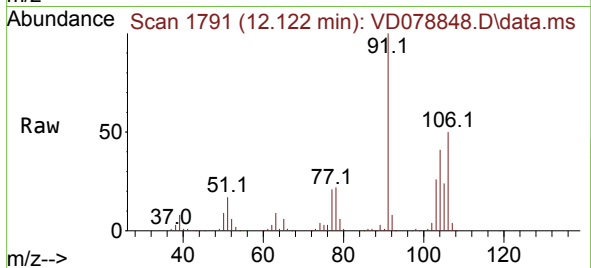




#54
o-Xylene
Concen: 26.120 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

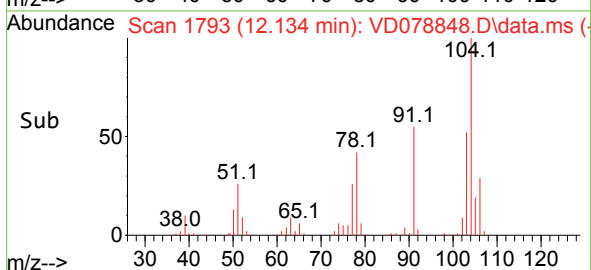
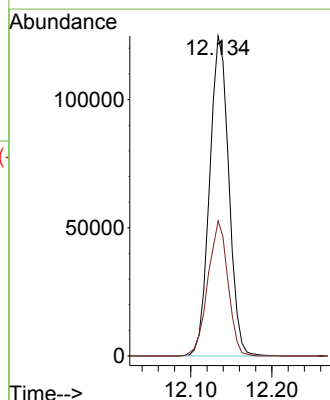
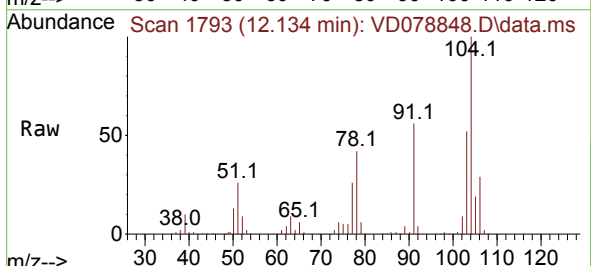
Instrument :
MSVOA_D
ClientSampleId :

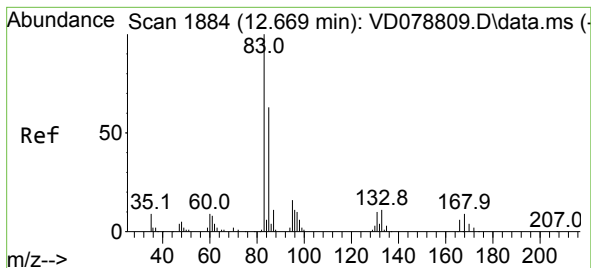
Tgt Ion:106 Resp: 109439
Ion Ratio Lower Upper
106 100
91 201.9 146.2 271.6



#55
Styrene
Concen: 27.315 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Tgt Ion:104 Resp: 205112
Ion Ratio Lower Upper
104 100
78 42.2 26.4 49.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.093 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD078848.D

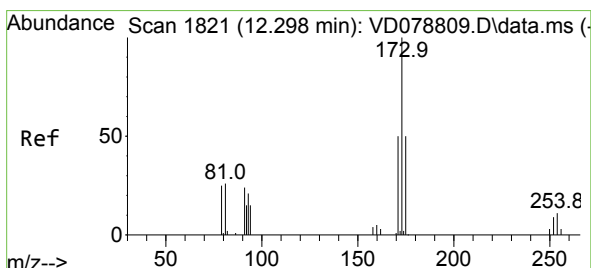
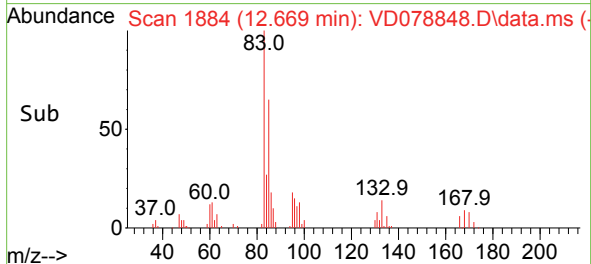
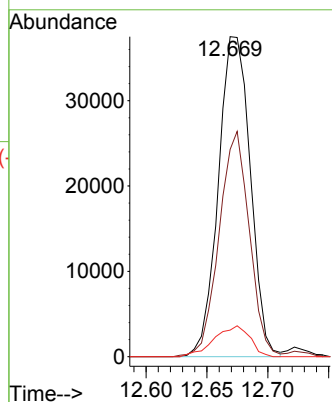
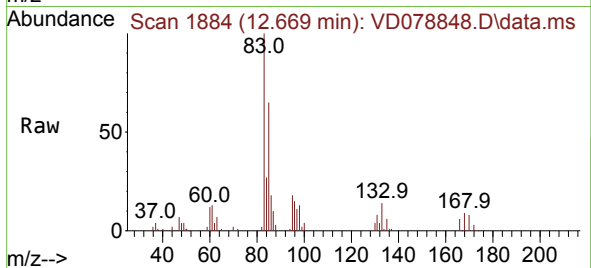
Acq: 30 Apr 2024 10:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 68646
Ion Ratio	Lower Upper
83 100	
85 64.8	44.5 82.7
131 8.3	8.1 12.1



#59

Bromoform

Concen: 23.672 ug/L

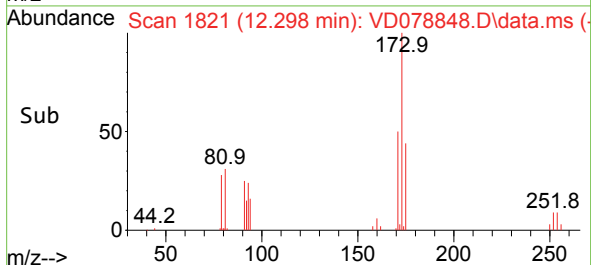
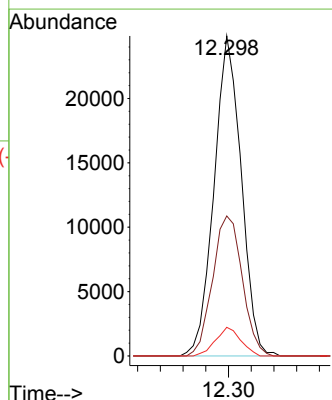
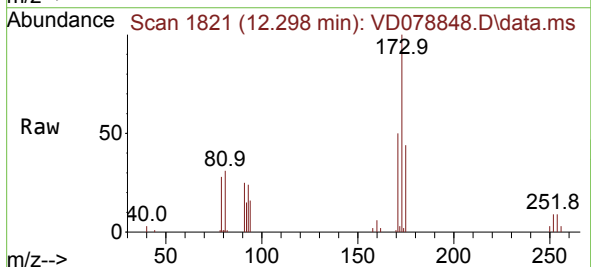
RT: 12.298 min Scan# 1821

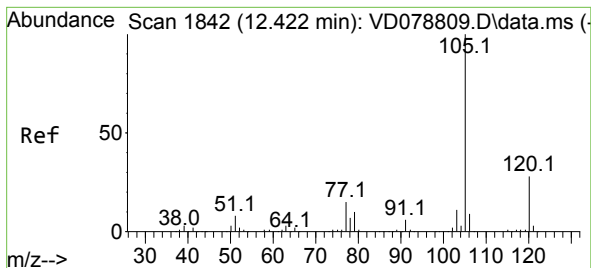
Delta R.T. -0.000 min

Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

Tgt Ion: 173	Resp: 41282
Ion Ratio	Lower Upper
173 100	
175 47.7	39.0 58.6
254 8.3	7.7 11.5





#60

Isopropylbenzene

Concen: 24.412 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

Instrument :

MSVOA_D

ClientSampleId :

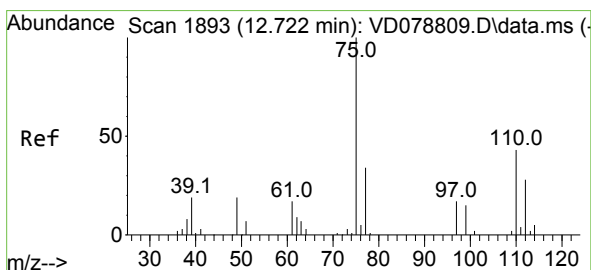
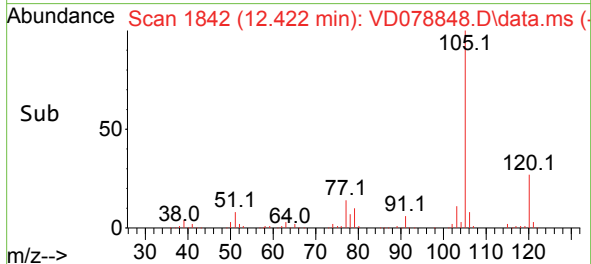
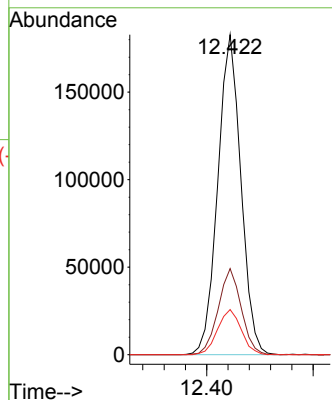
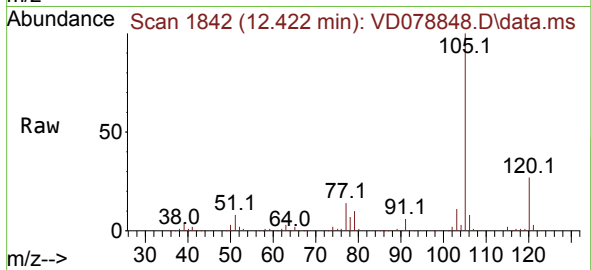
Tgt Ion:105 Resp: 274841

Ion Ratio Lower Upper

105 100

120 26.8 21.6 32.4

77 14.4 11.4 17.2



#61

1,2,3-Trichloropropane

Concen: 27.086 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078848.D

Acq: 30 Apr 2024 10:33

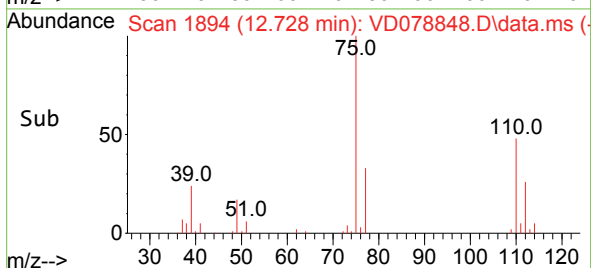
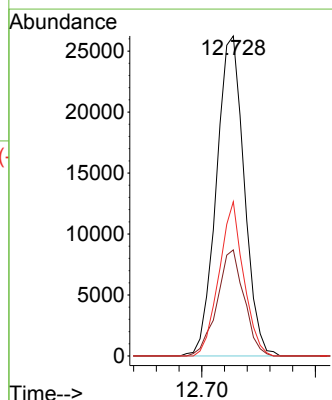
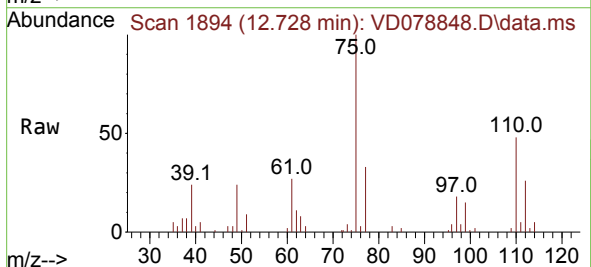
Tgt Ion: 75 Resp: 44477

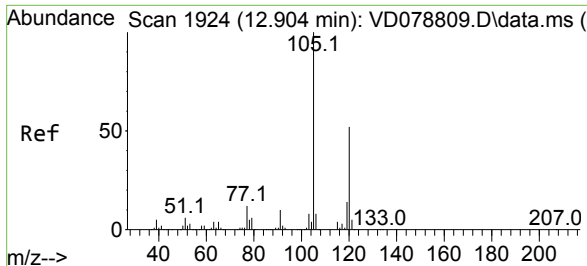
Ion Ratio Lower Upper

75 100

77 32.2 26.9 40.3

110 42.6 34.6 51.8

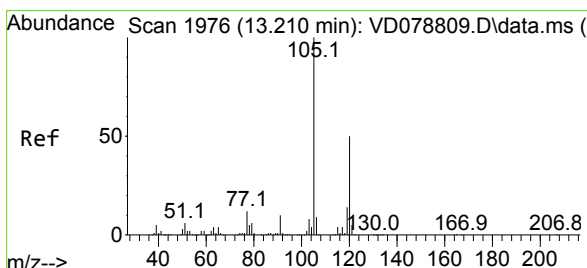
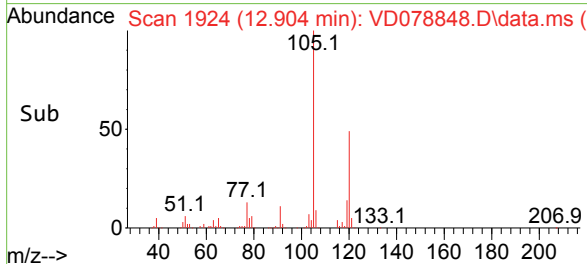
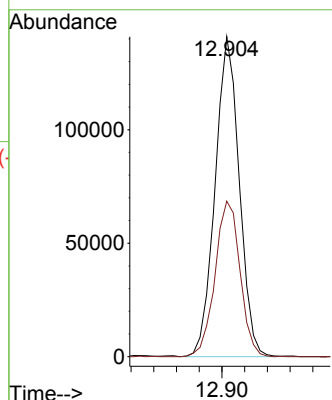
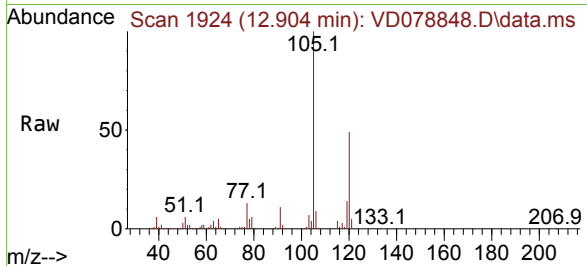




#62
 1,3,5-Trimethylbenzene
 Concen: 30.530 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33

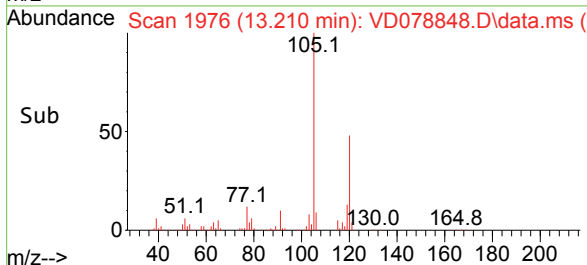
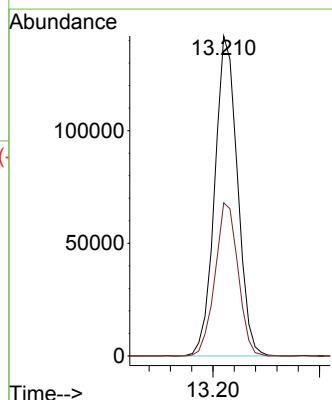
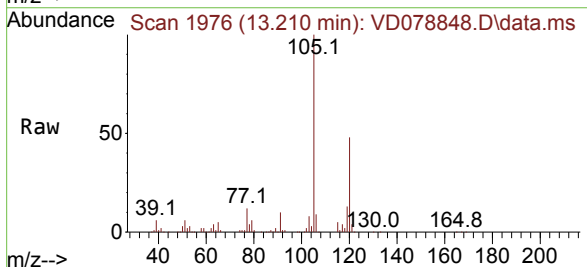
Instrument :
 MSVOA_D
 ClientSampleId :

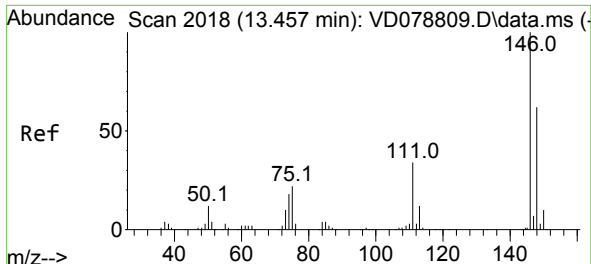
Tgt Ion:105 Resp: 208365
 Ion Ratio Lower Upper
 105 100
 120 50.2 41.2 61.8



#63
 1,2,4-Trimethylbenzene
 Concen: 25.106 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33

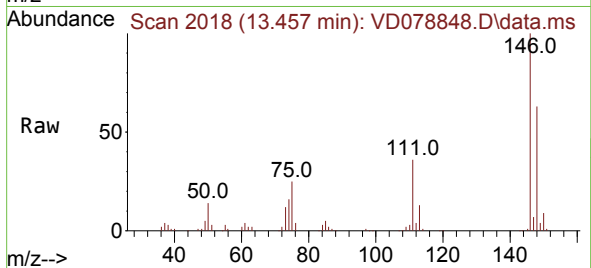
Tgt Ion:105 Resp: 210268
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.6 57.8



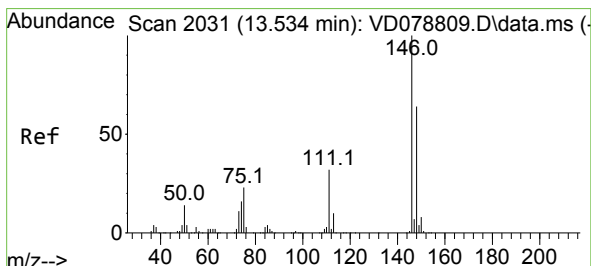
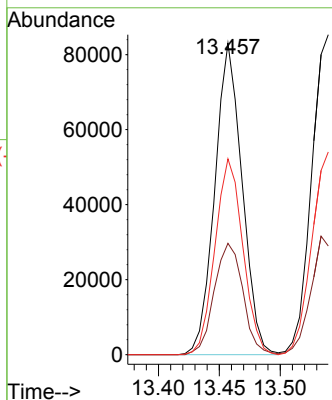
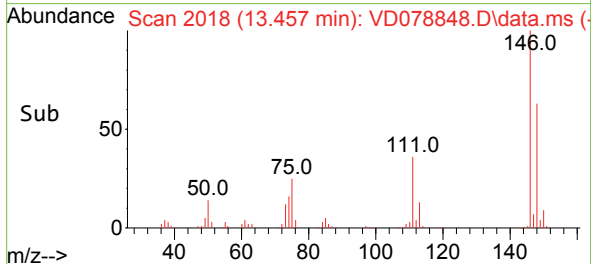


#64
1,3-Dichlorobenzene
Concen: 23.203 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

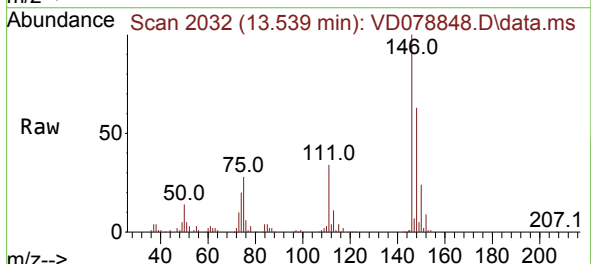
Instrument :
MSVOA_D
ClientSampleId :



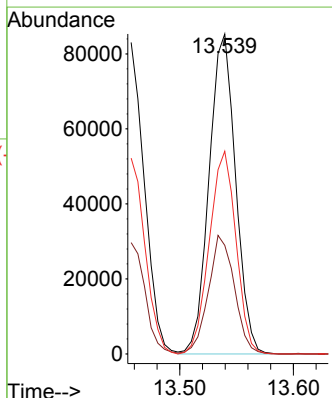
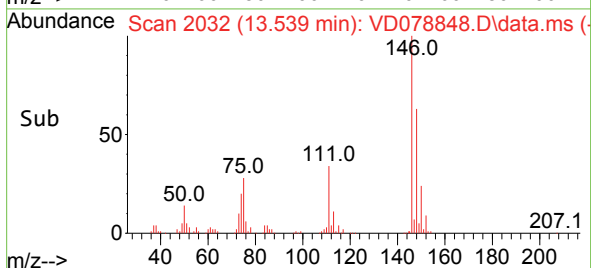
Tgt Ion:146 Resp: 130012
Ion Ratio Lower Upper
146 100
111 35.7 23.7 44.1
148 62.9 43.6 81.0

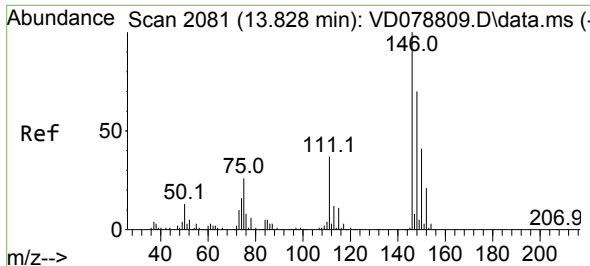


#65
1,4-Dichlorobenzene
Concen: 23.362 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33



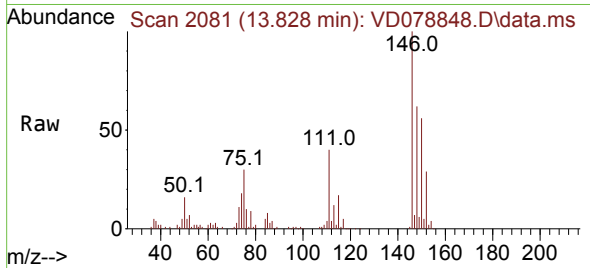
Tgt Ion:146 Resp: 138437
Ion Ratio Lower Upper
146 100
111 34.0 22.7 42.3
148 63.3 44.9 83.5



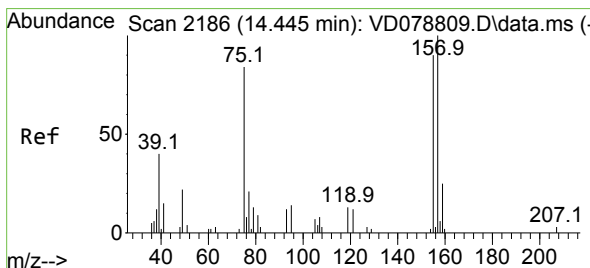
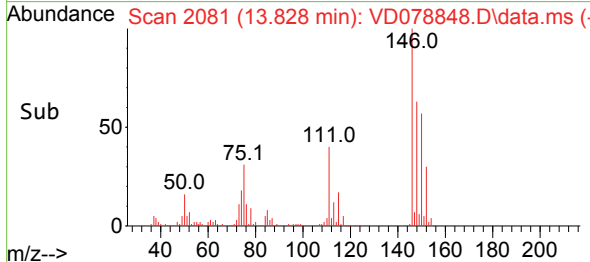
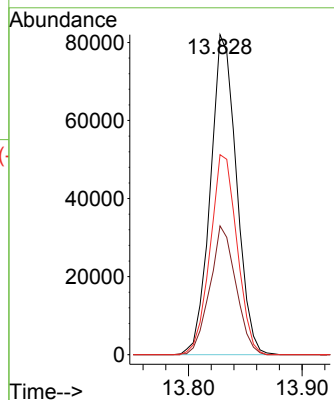


#67
 1,2-Dichlorobenzene
 Concen: 24.780 ug/L
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33

Instrument :
 MSVOA_D
 ClientSampleId :

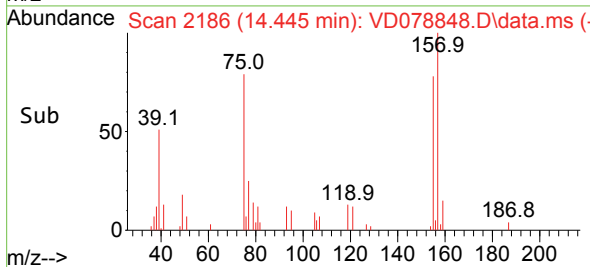
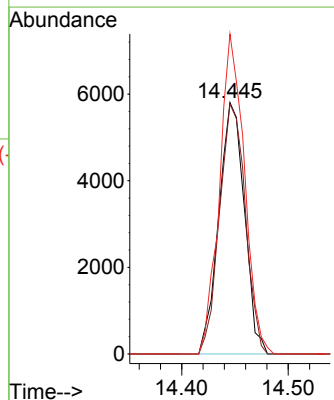
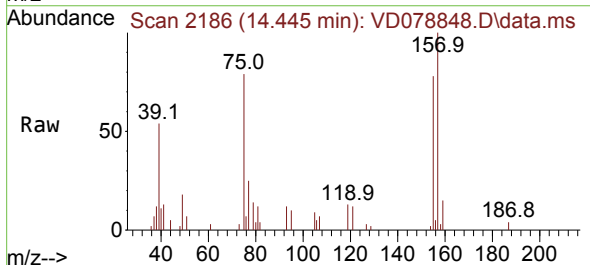


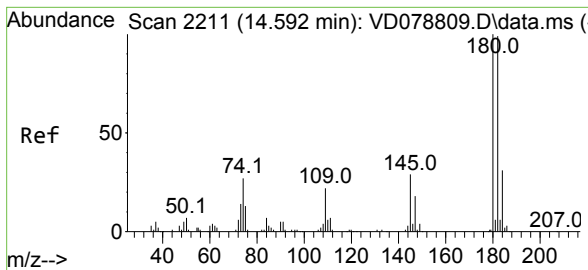
Tgt Ion:146 Resp: 130806
 Ion Ratio Lower Upper
 146 100
 111 40.2 29.5 44.3
 148 62.5 55.7 83.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 25.905 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33

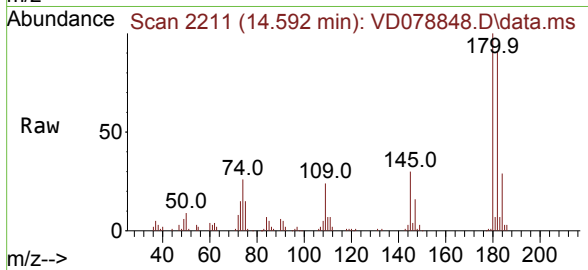
Tgt Ion: 75 Resp: 9685
 Ion Ratio Lower Upper
 75 100
 155 99.5 85.3 127.9
 157 127.3 94.7 142.1



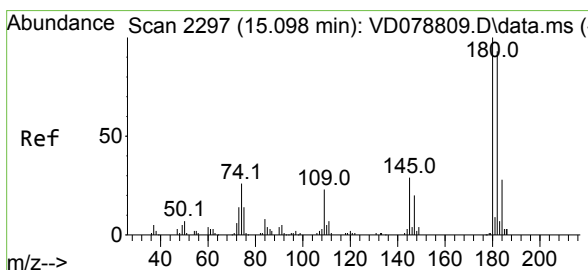
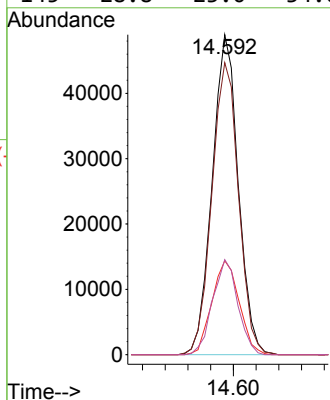
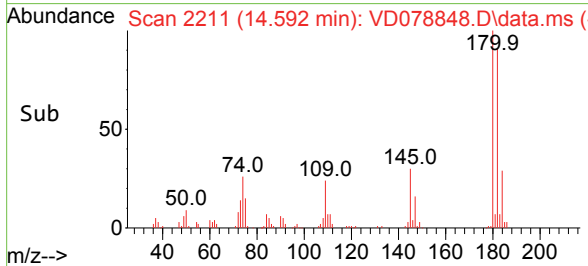


#69
 1,3,5-Trichlorobenzene
 Concen: 21.635 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33

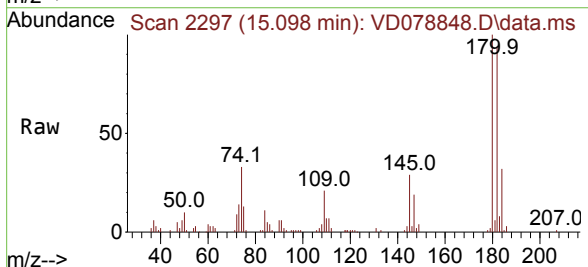
Instrument :
 MSVOA_D
 ClientSampleId :



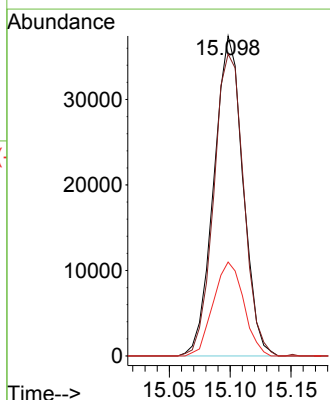
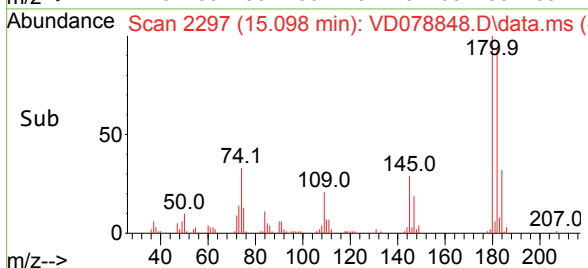
Tgt Ion:180 Resp: 77960
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.0 114.0
 184 30.8 24.5 36.7
 145 28.8 23.0 34.6

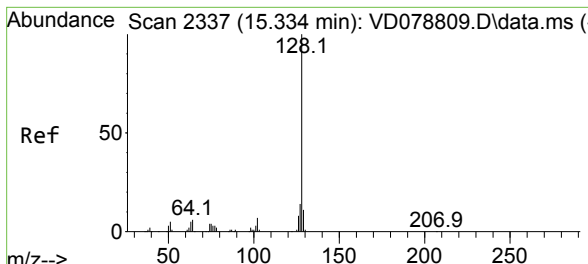


#70
 1,2,4-trichlorobenzene
 Concen: 20.525 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD078848.D
 Acq: 30 Apr 2024 10:33



Tgt Ion:180 Resp: 62372
 Ion Ratio Lower Upper
 180 100
 182 96.5 74.7 112.1
 145 30.6 22.6 33.8

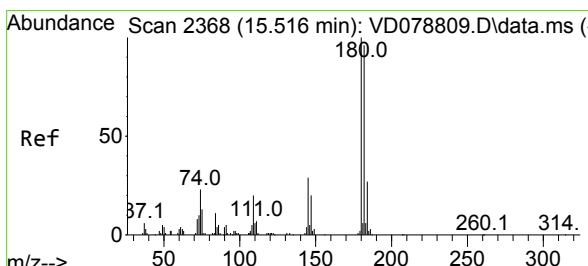
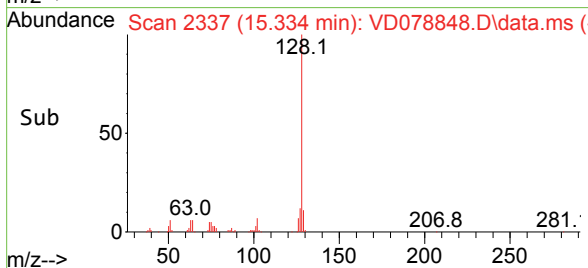
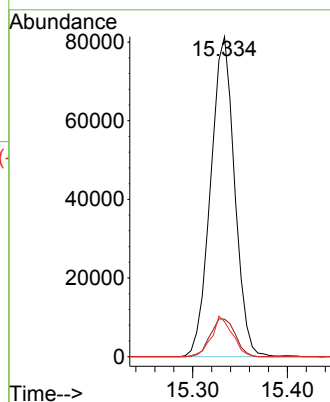
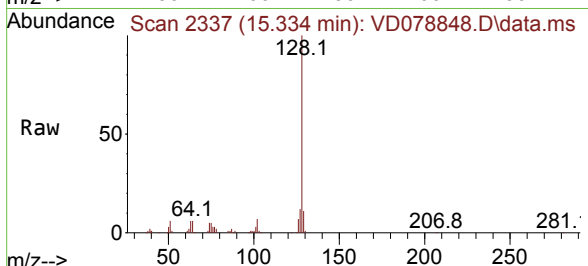




#71
Naphthalene
Concen: 24.285 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 143240
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 22.560 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD078848.D
Acq: 30 Apr 2024 10:33

Tgt Ion:180 Resp: 62769
Ion Ratio Lower Upper
180 100
182 94.2 78.1 117.1
145 31.2 24.4 36.6

