

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD043024\
 Data File : VD078852.D
 Acq On : 30 Apr 2024 13:37
 Operator : RP/MD
 Sample : P2321-03MSD
 Misc : 6.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 01 09:50:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 01 09:47:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	163734	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	151047	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	49468	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	129152	28.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.560%	
7) Chloroethane-d5	2.805	69	130259	30.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.640%	
11) 1,1-Dichloroethene-d2	3.922	65	24650	29.756	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 119.040%#	
21) 2-Butanone-d5	6.987	46	18084	42.081	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 84.160%	
24) Chloroform-d	7.569	84	128586	32.169	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 128.680%	
26) 1,2-Dichloroethane-d4	8.234	65	58845	28.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 115.920%	
32) Benzene-d6	8.205	84	249872	32.466	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 129.880%	
36) 1,2-Dichloropropane-d6	9.210	67	71724	32.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 129.520%#	
41) Toluene-d8	10.269	98	209632	28.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 115.520%	
43) trans-1,3-Dichloroprop...	10.528	79	26159	25.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 103.520%	
47) 2-Hexanone-d5	10.875	63	16947	47.364	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.720%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	52956	25.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.440%	
66) 1,2-Dichlorobenzene-d4	13.816	152	42702	25.309	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	83008	35.229	ug/L	99
3) Chloromethane	2.152	50	96311	28.529	ug/L	97
5) Vinyl chloride	2.287	62	148020	29.160	ug/L	99
6) Bromomethane	2.693	94	105827	28.685	ug/L	96
8) Chloroethane	2.840	64	105871	28.585	ug/L	95
9) Trichlorofluoromethane	3.175	101	108235	29.148	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	62453	26.035	ug/L	93
12) 1,1-Dichloroethene	3.940	96	58546	27.327	ug/L #	82
13) Acetone	4.017	43	40082	72.749	ug/L	95
14) Carbon disulfide	4.275	76	144629	19.845	ug/L	97
15) Methyl Acetate	4.564	43	18703	23.036	ug/L #	77
16) Methylene chloride	4.805	84	75481	26.607	ug/L	90
17) trans-1,2-Dichloroethene	5.311	96	61012	25.494	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	127666	27.885	ug/L #	92
19) 1,1-Dichloroethane	6.111	63	117905	30.924	ug/L	96
20) cis-1,2-Dichloroethene	7.087	96	70479	27.090	ug/L	89
22) 2-Butanone	7.081	43	49286	73.221	ug/L	97
23) Bromochloromethane	7.434	128	34859	27.158	ug/L #	98
25) Chloroform	7.593	83	127951	28.478	ug/L	93

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 Quant Title : SFAM01.0
 QLast Update : Wed May 01 09:47:37 2024
 Response via : Initial Calibration

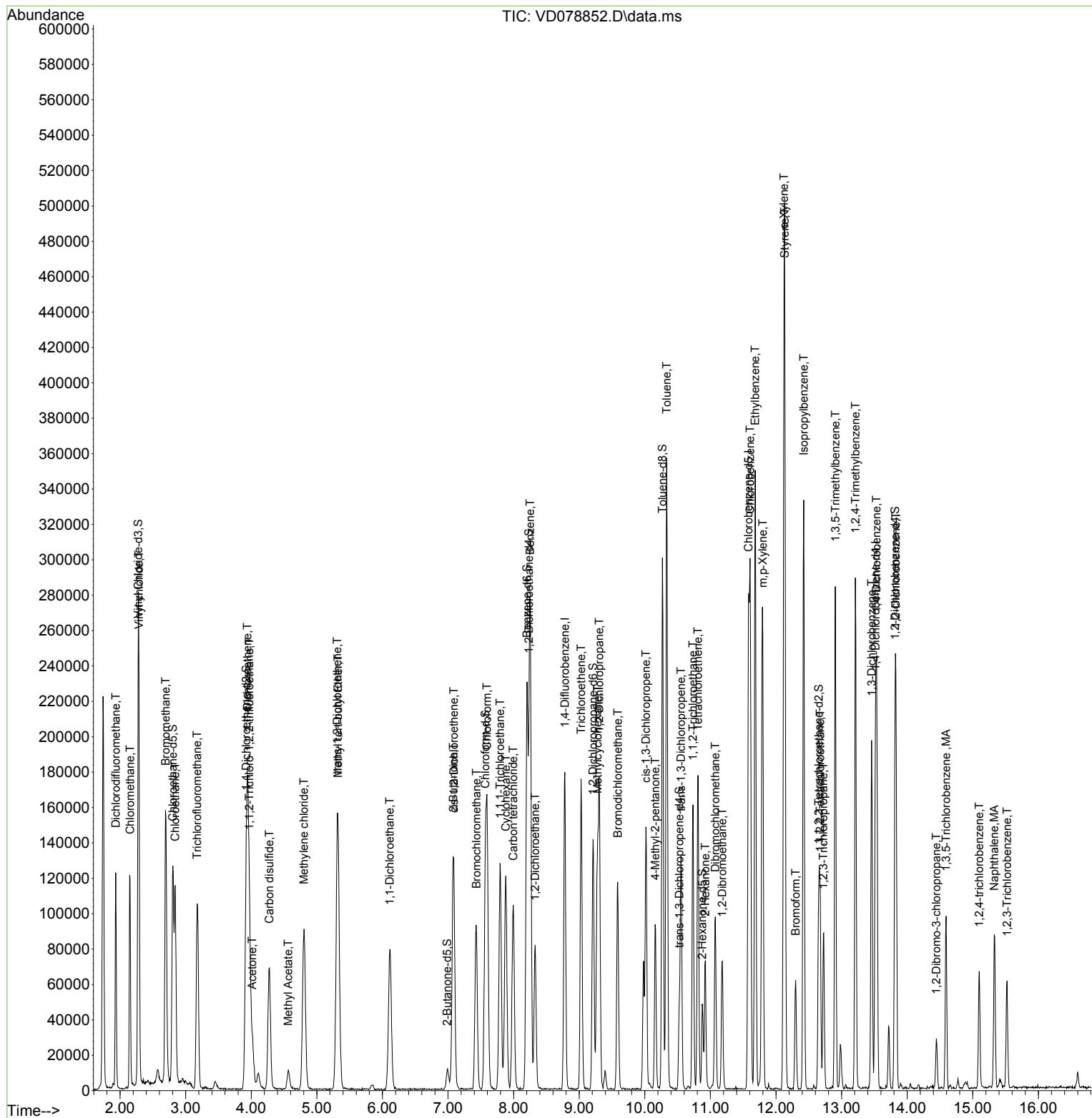
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	70803	28.080	ug/L	96
29) Cyclohexane	7.881	56	62570	24.383	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	105167	30.956	ug/L	98
31) Carbon tetrachloride	7.993	117	81805	26.827	ug/L	98
33) Benzene	8.252	78	275019	32.112	ug/L	100
34) Trichloroethene	9.028	95	61286	26.824	ug/L	97
35) Methylcyclohexane	9.281	83	54749	16.131	ug/L	95
37) 1,2-Dichloropropane	9.304	63	67879	30.910	ug/L	99
38) Bromodichloromethane	9.587	83	80281	26.570	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	90552	26.846	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	58684	58.505	ug/L	94
42) Toluene	10.334	91	274908	28.996	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	75135	25.420	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	52718	27.491	ug/L	94
46) Tetrachloroethene	10.810	164	40169	20.996	ug/L	94
48) 2-Hexanone	10.922	43	43042	54.522	ug/L	97
49) Dibromochloromethane	11.075	129	51638	23.255	ug/L	96
50) 1,2-Dibromoethane	11.181	107	49506	26.565	ug/L #	99
51) Chlorobenzene	11.604	112	161854	25.310	ug/L	98
52) Ethylbenzene	11.681	91	256815	25.762	ug/L	98
53) m,p-Xylene	11.798	106	94112	23.966	ug/L	98
54) o-Xylene	12.122	106	94264	24.833	ug/L	89
55) Styrene	12.134	104	155845	22.909	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	51475	23.253	ug/L	96
59) Bromoform	12.298	173	27261	28.114	ug/L	98
60) Isopropylbenzene	12.422	105	204099	32.604	ug/L	97
61) 1,2,3-Trichloropropane	12.722	75	36143	39.585	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	148892	39.235	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	152172	32.677	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	80618	25.875	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	82495	25.038	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	71970	24.521	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.445	75	6931	33.341	ug/L	87
69) 1,3,5-Trichlorobenzene	14.592	180	30830	15.387	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	21139	12.511	ug/L	95
71) Naphthalene	15.328	128	77752	23.708	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	20130	13.012	ug/L	99

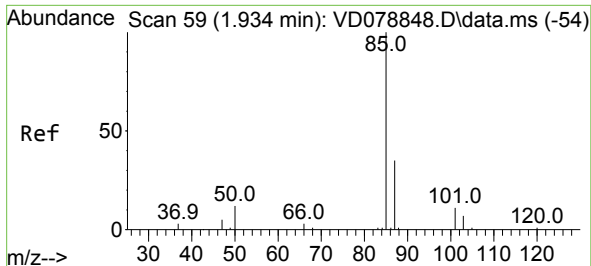
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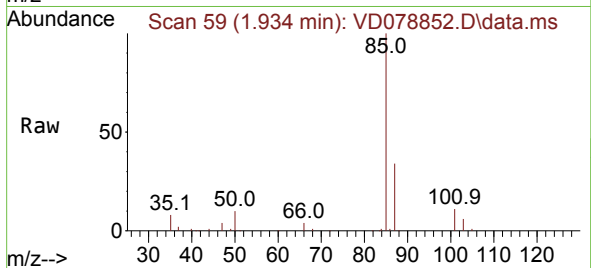
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Quant Title : SFAM01.0
QLast Update : Wed May 01 09:47:37 2024
Response via : Initial Calibration



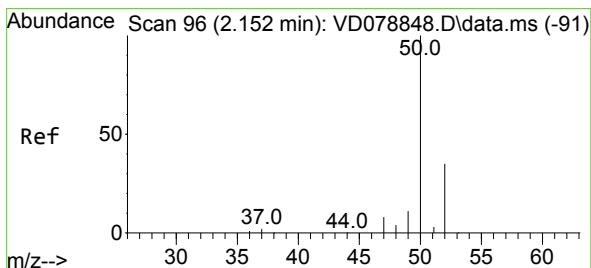
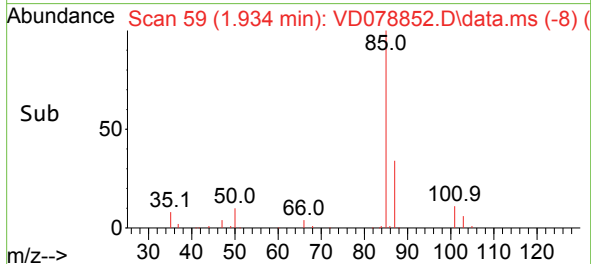
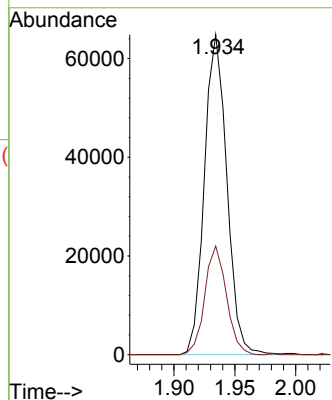


#2
Dichlorodifluoromethane
Concen: 35.229 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

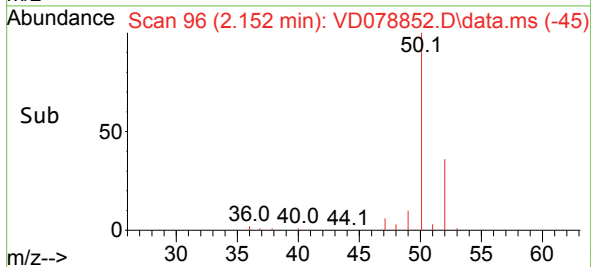
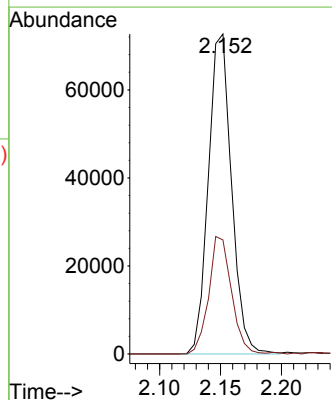
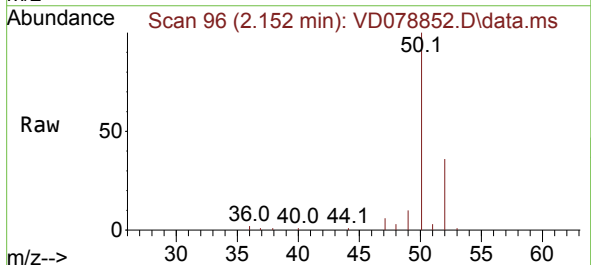


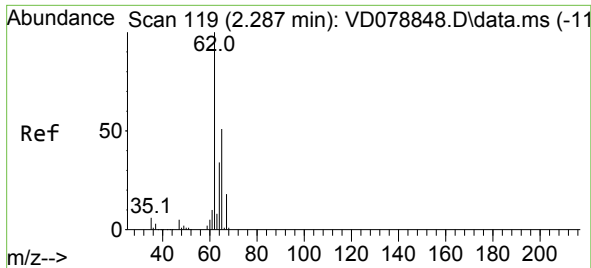
Tgt Ion: 85 Resp: 83008
Ion Ratio Lower Upper
85 100
87 32.8 26.5 39.7



#3
Chloromethane
Concen: 28.529 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

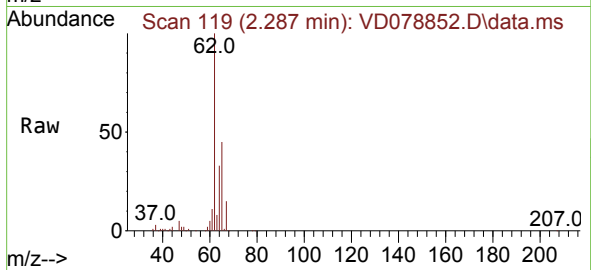
Tgt Ion: 50 Resp: 96311
Ion Ratio Lower Upper
50 100
52 35.6 23.6 43.8



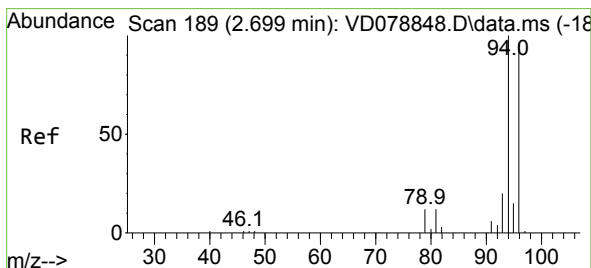
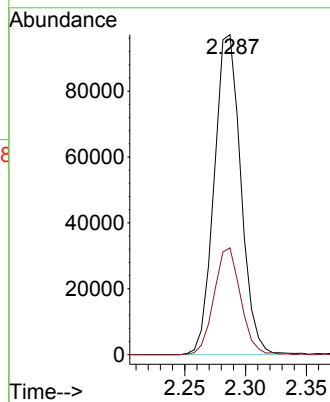
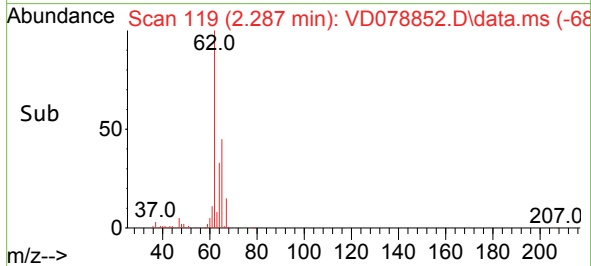


#5
 Vinyl chloride
 Concen: 29.160 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD078852.D
 Acq: 30 Apr 2024 13:37

Instrument :
 MSVOA_D
 ClientSampleId :

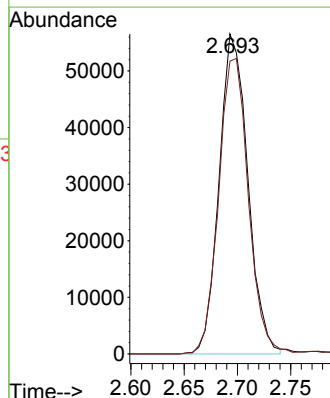
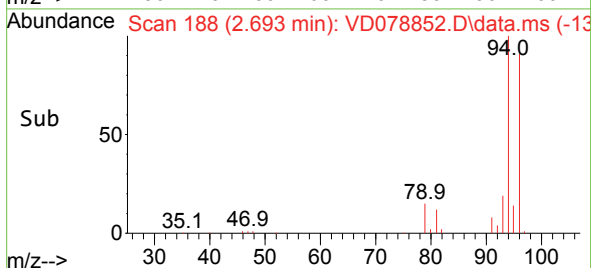
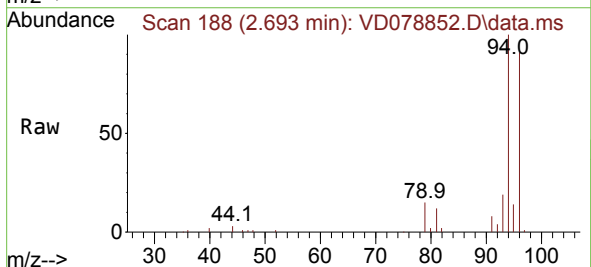


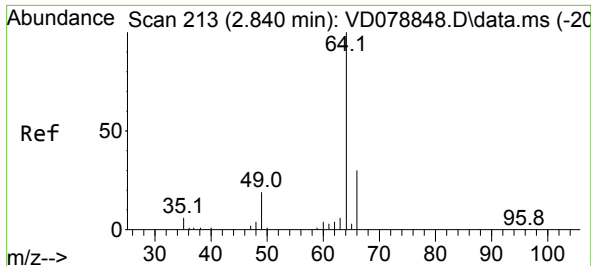
Tgt Ion: 62 Resp: 148020
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0



#6
 Bromomethane
 Concen: 28.685 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD078852.D
 Acq: 30 Apr 2024 13:37

Tgt Ion: 94 Resp: 105827
 Ion Ratio Lower Upper
 94 100
 96 91.5 66.9 124.3

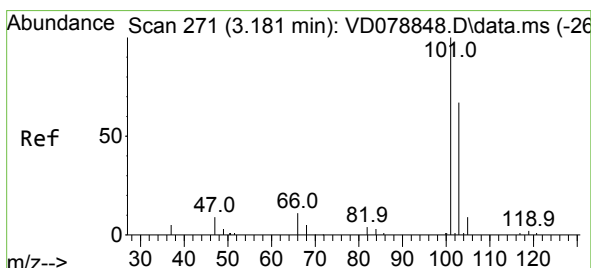
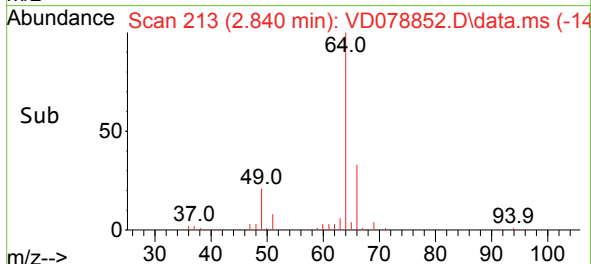
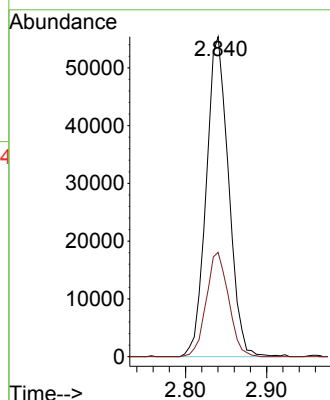
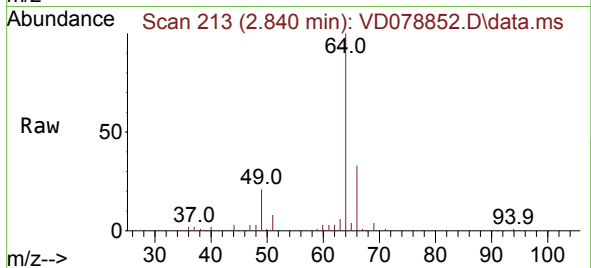




#8
Chloroethane
Concen: 28.585 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

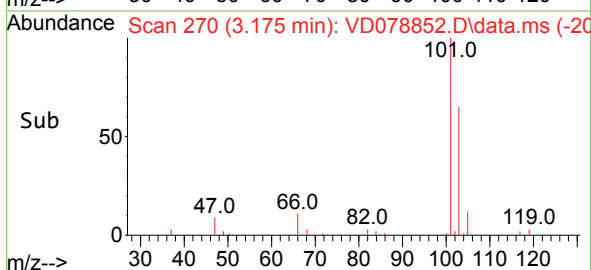
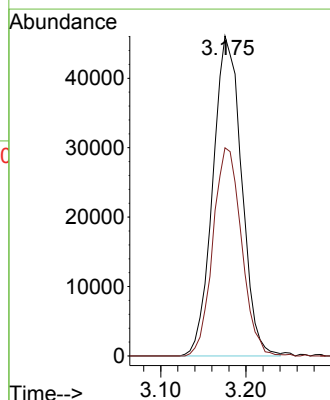
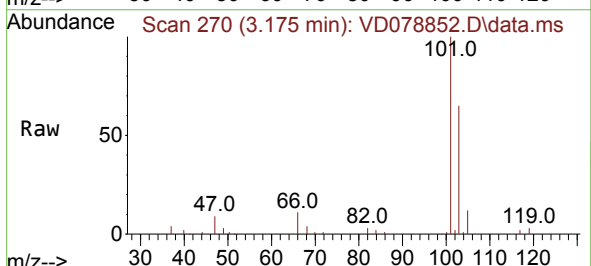
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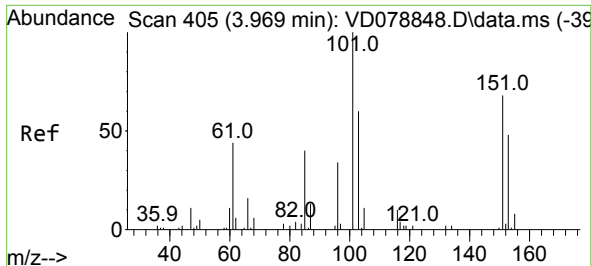
Tgt Ion: 64 Resp: 105871
Ion Ratio Lower Upper
64 100
66 32.6 21.0 39.0



#9
Trichlorofluoromethane
Concen: 29.148 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Tgt Ion:101 Resp: 108235
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

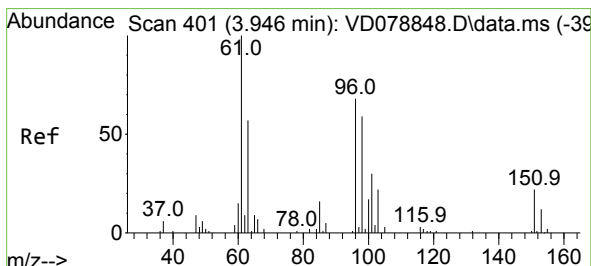
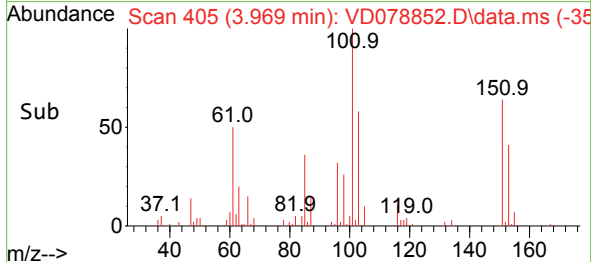
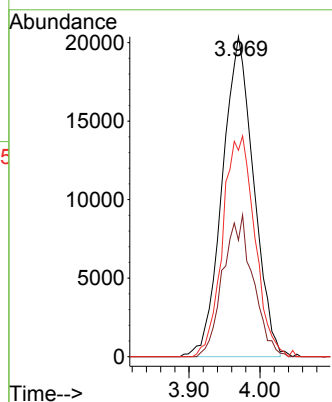
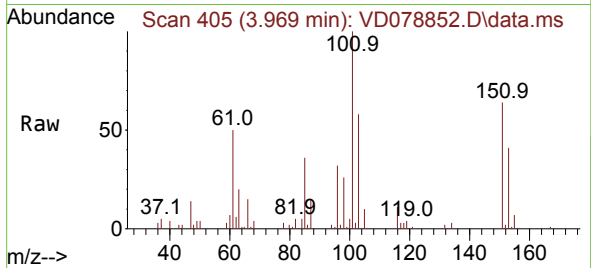




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.035 ug/L
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

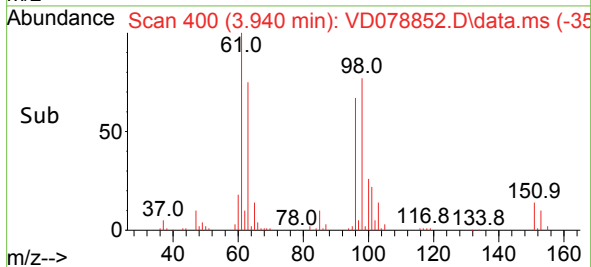
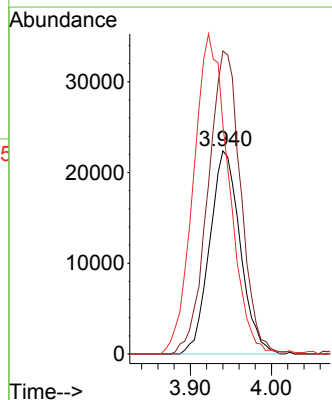
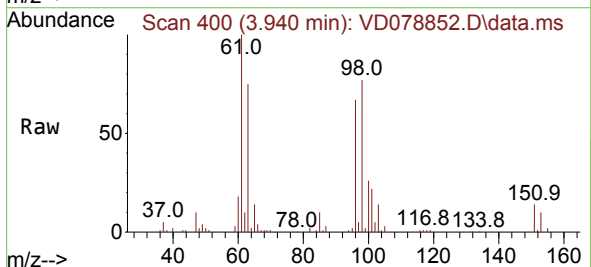
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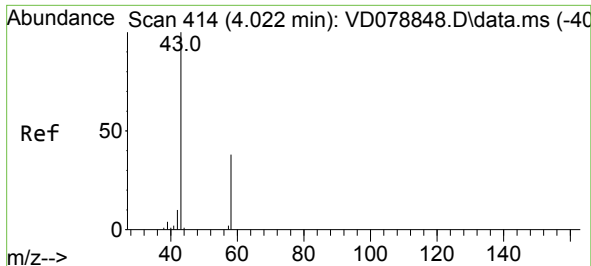
Tgt Ion:101 Resp: 62453
Ion Ratio Lower Upper
101 100
85 23.5 19.5 29.3
151 70.5 61.9 92.9



#12
1,1-Dichloroethene
Concen: 27.327 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Tgt Ion: 96 Resp: 58546
Ion Ratio Lower Upper
96 100
61 149.2 99.0 183.8
63 112.5 55.2 102.6#





#13

Acetone

Concen: 72.749 ug/L

RT: 4.017 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

Instrument :

MSVOA_D

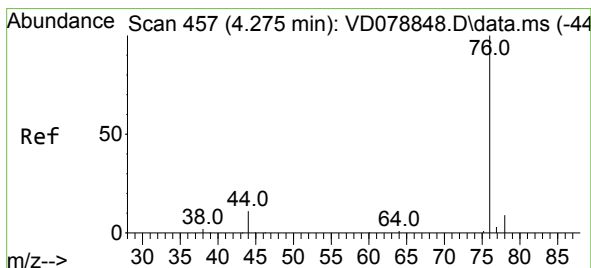
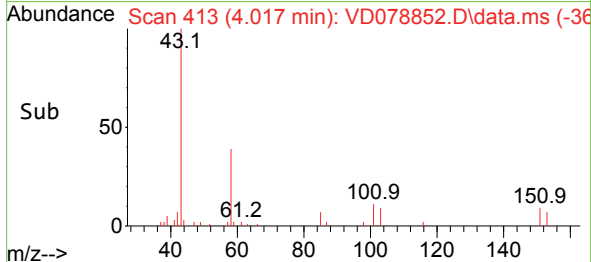
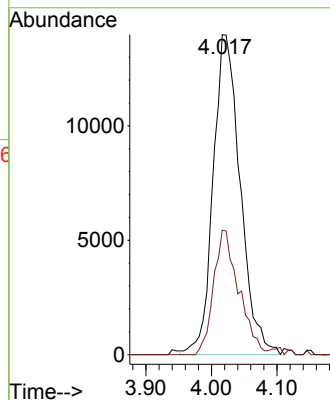
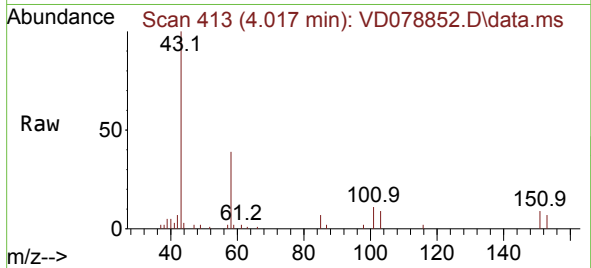
ClientSampleId :

Tgt Ion: 43 Resp: 40082

Ion Ratio Lower Upper

43 100

58 36.2 0.0 78.6



#14

Carbon disulfide

Concen: 19.845 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD078852.D

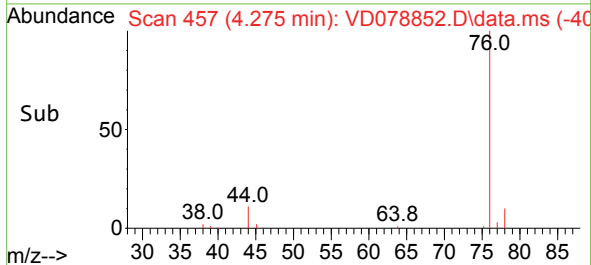
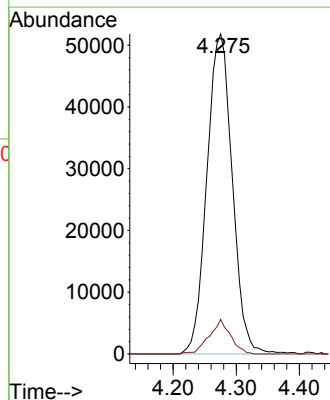
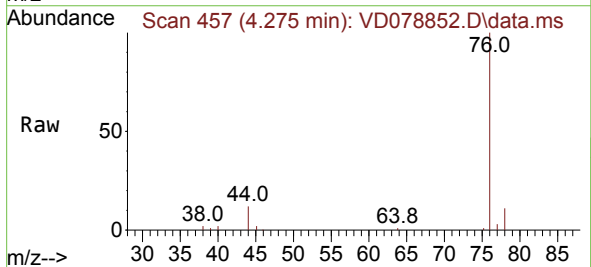
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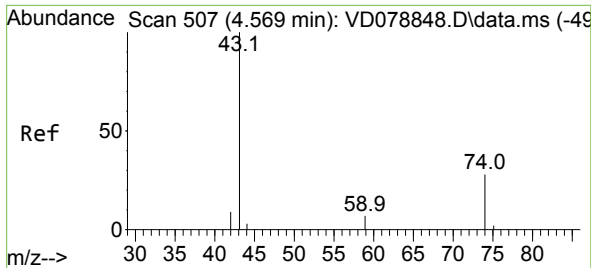
Tgt Ion: 76 Resp: 144629

Ion Ratio Lower Upper

76 100

78 10.8 7.8 11.6

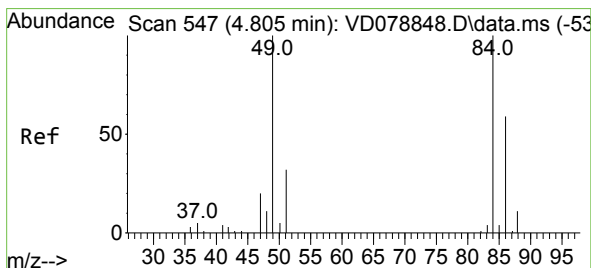
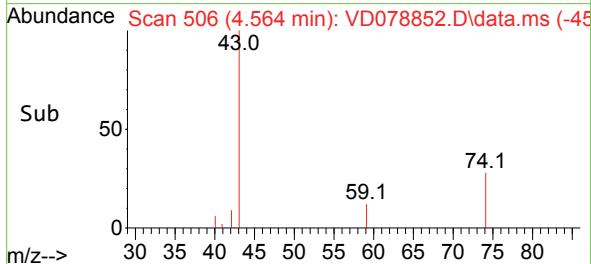
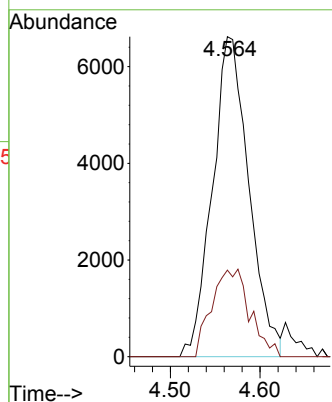
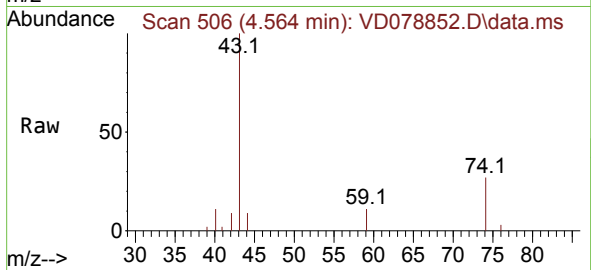




#15
Methyl Acetate
Concen: 23.036 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

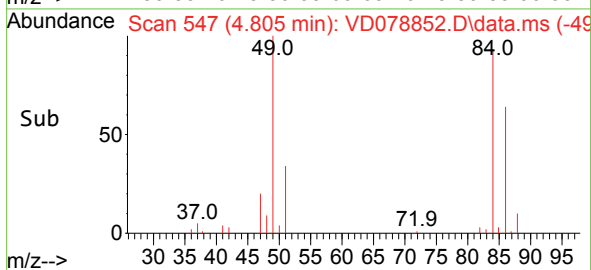
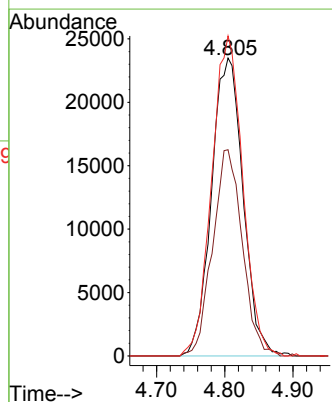
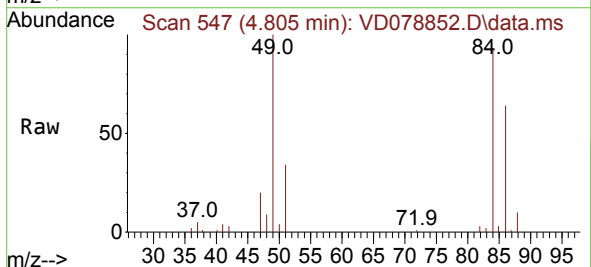
Instrument :
MSVOA_D
ClientSampleId :

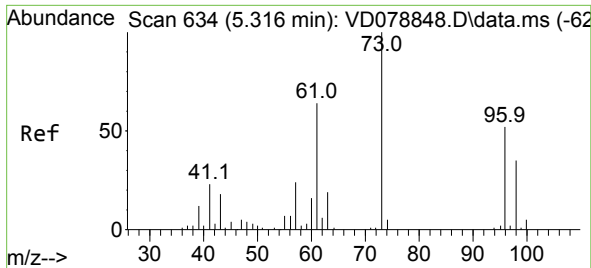
Tgt Ion: 43 Resp: 18703
Ion Ratio Lower Upper
43 100
74 16.9 23.4 35.2#



#16
Methylene chloride
Concen: 26.607 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

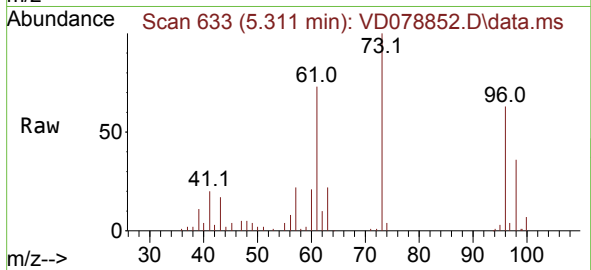
Tgt Ion: 84 Resp: 75481
Ion Ratio Lower Upper
84 100
86 69.2 44.7 83.1
49 107.4 67.1 124.5



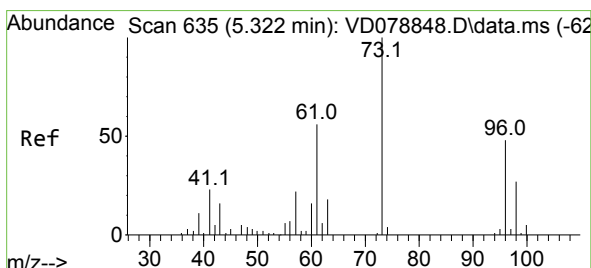
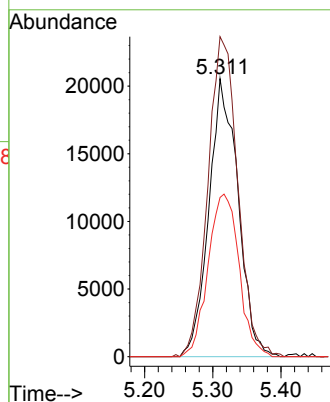
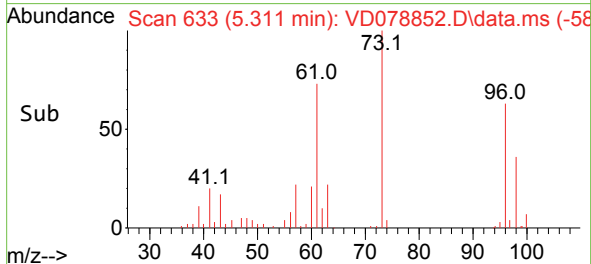


#17
trans-1,2-Dichloroethene
Concen: 25.494 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

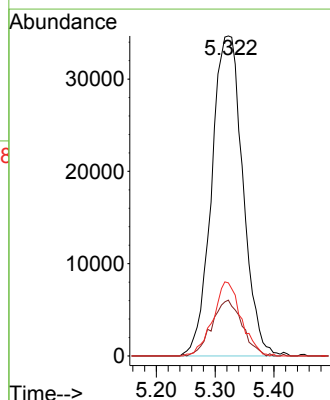
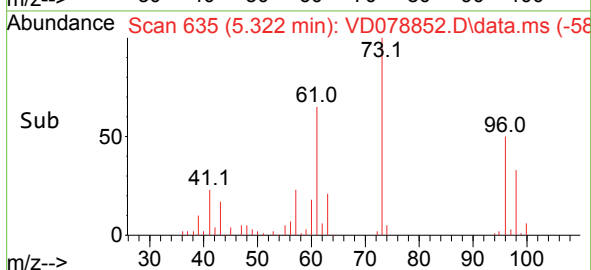
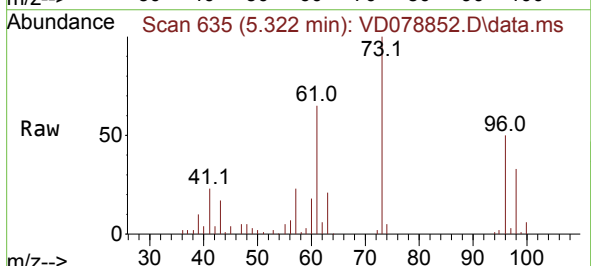


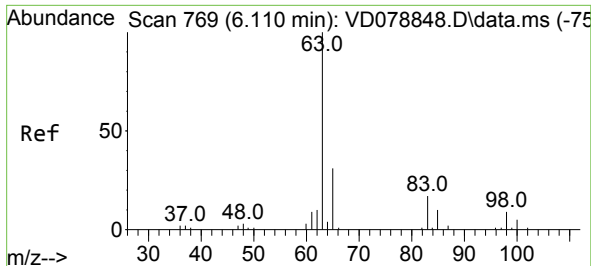
Tgt Ion: 96 Resp: 61012
Ion Ratio Lower Upper
96 100
61 115.1 76.2 141.6
98 57.3 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 27.885 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Tgt Ion: 73 Resp: 127666
Ion Ratio Lower Upper
73 100
43 16.9 7.0 10.4#
57 20.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 30.924 ug/L

RT: 6.111 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

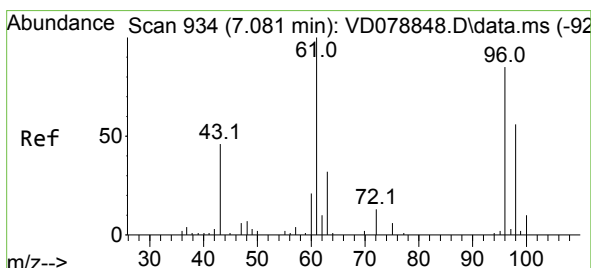
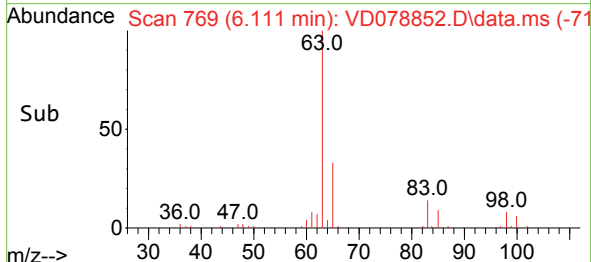
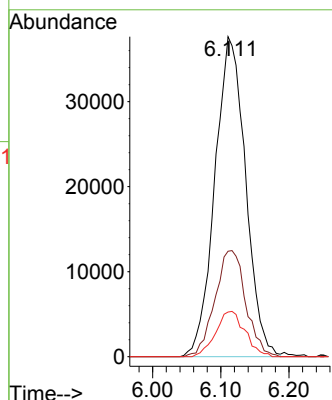
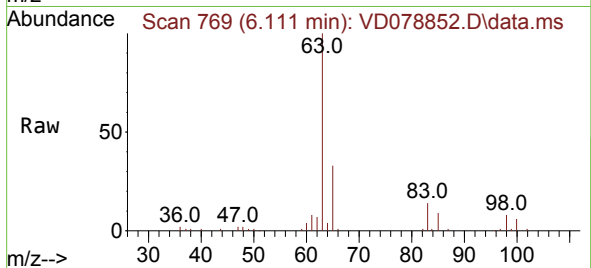
Tgt Ion: 63 Resp: 117905

Ion Ratio Lower Upper

63 100

65 33.0 24.3 45.1

83 14.0 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 27.090 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

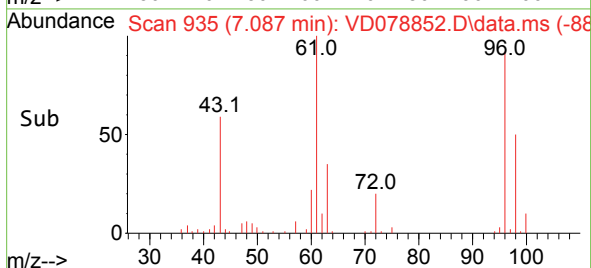
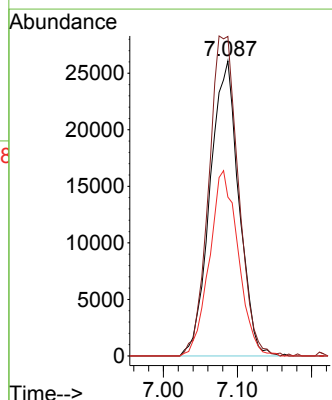
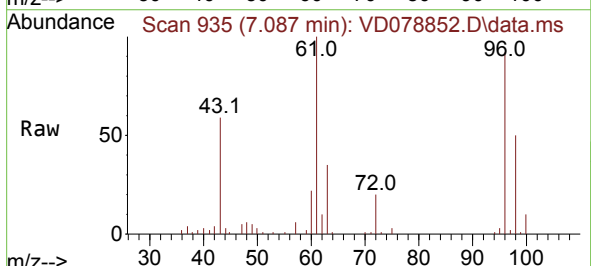
Tgt Ion: 96 Resp: 70479

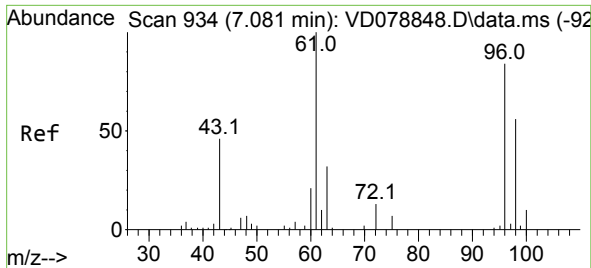
Ion Ratio Lower Upper

96 100

61 108.3 69.0 128.2

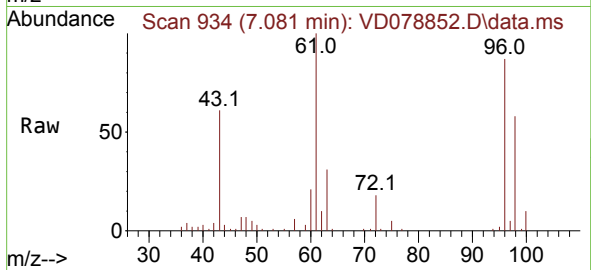
98 53.8 44.8 83.2



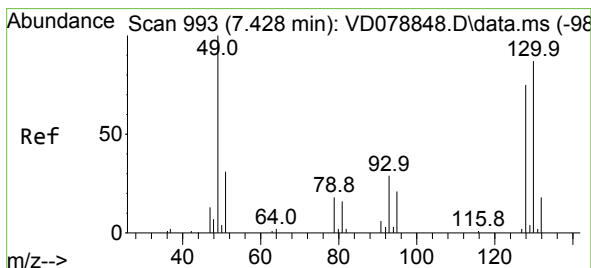
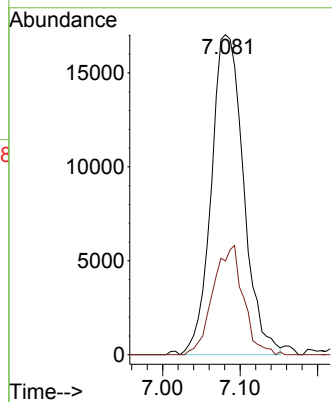
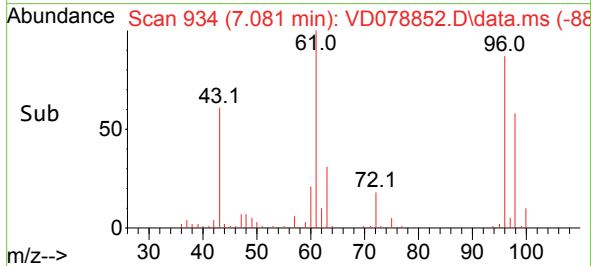


#22
2-Butanone
Concen: 73.221 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

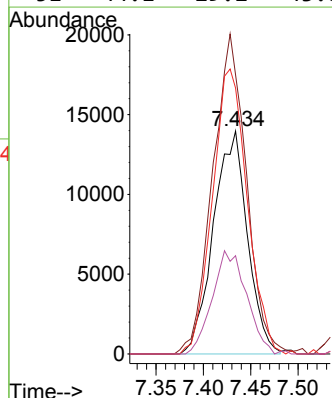
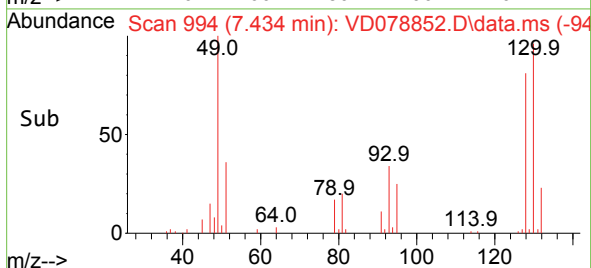
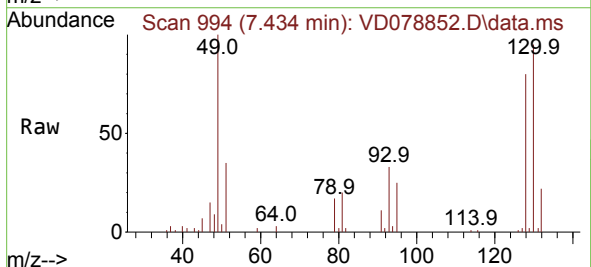


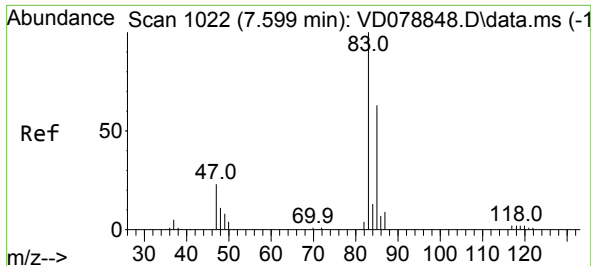
Tgt Ion: 43 Resp: 49286
Ion Ratio Lower Upper
43 100
72 31.9 16.8 50.4



#23
Bromochloromethane
Concen: 27.158 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Tgt Ion: 128 Resp: 34859
Ion Ratio Lower Upper
128 100
49 125.3 87.6 162.8
130 119.3 84.5 156.9
51 44.1 29.2 43.8#





#25

Chloroform

Concen: 28.478 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

Instrument :

MSVOA_D

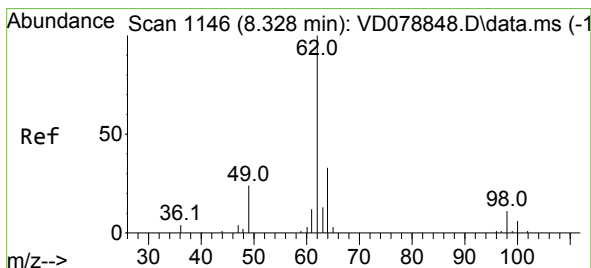
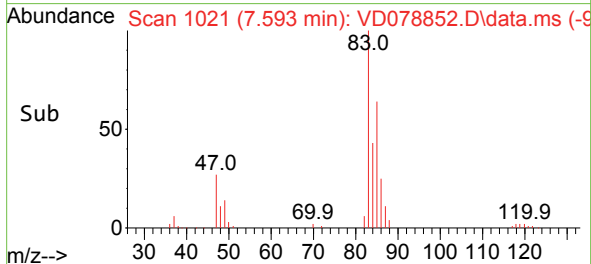
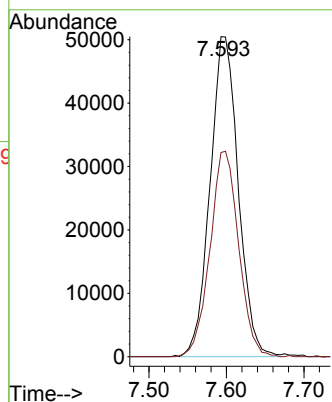
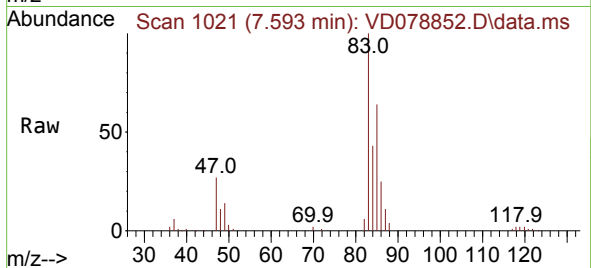
ClientSampleId :

Tgt Ion: 83 Resp: 127951

Ion Ratio Lower Upper

83 100

85 63.8 48.6 90.2



#27

1,2-Dichloroethane

Concen: 28.080 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD078852.D

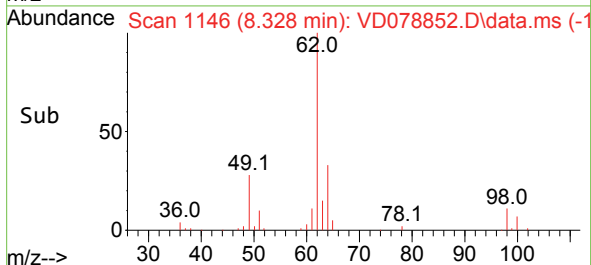
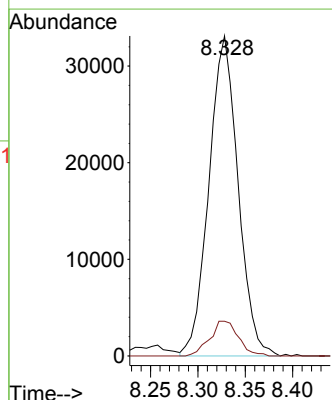
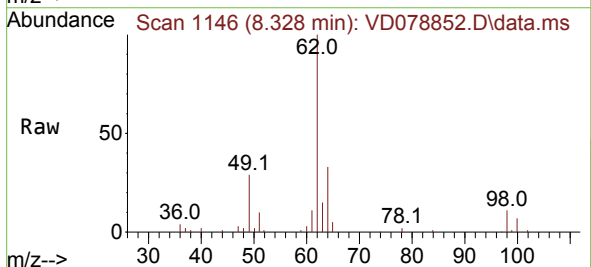
Acq: 30 Apr 2024 13:37

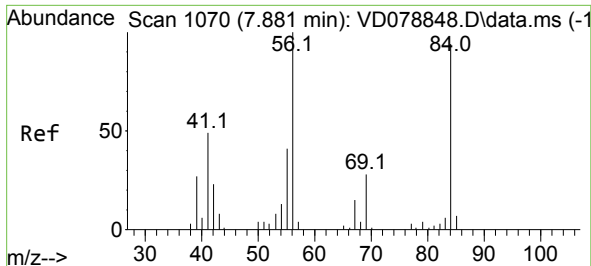
Tgt Ion: 62 Resp: 70803

Ion Ratio Lower Upper

62 100

98 10.8 10.0 15.0





#29

Cyclohexane

Concen: 24.383 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

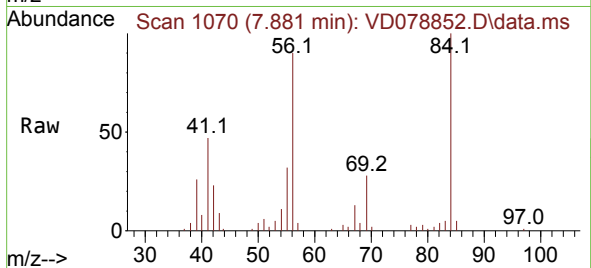
Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :



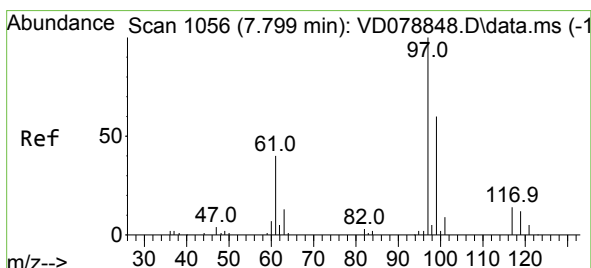
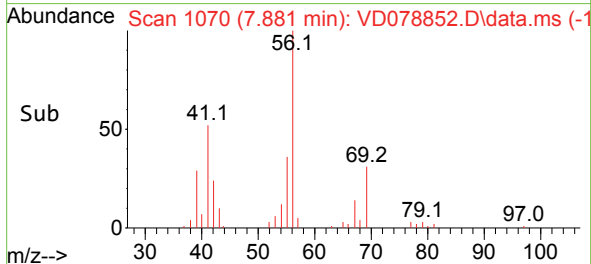
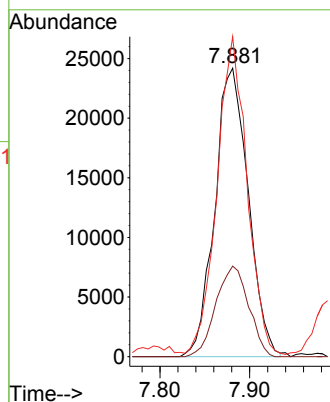
Tgt Ion: 56 Resp: 62570

Ion Ratio Lower Upper

56 100

69 30.7 26.1 39.1

84 100.6 84.2 126.4



#30

1,1,1-Trichloroethane

Concen: 30.956 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

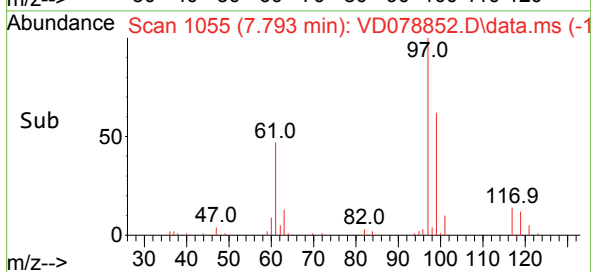
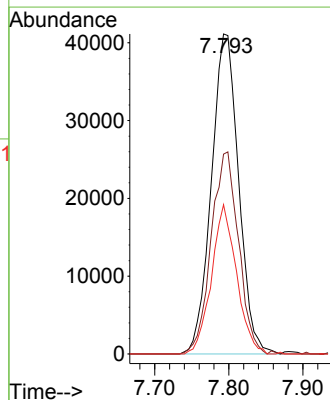
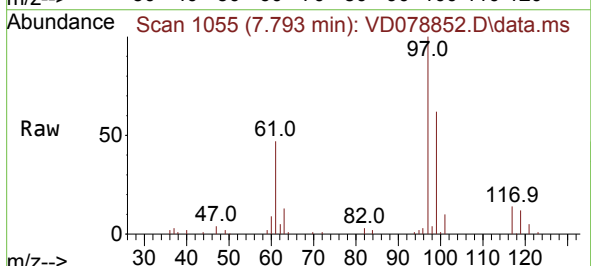
Tgt Ion: 97 Resp: 105167

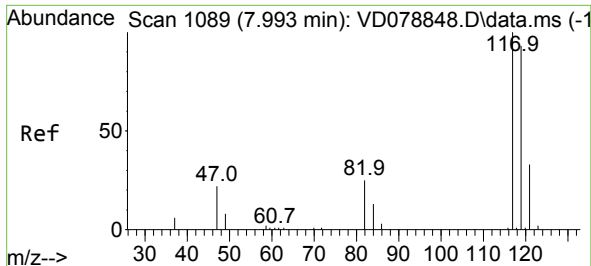
Ion Ratio Lower Upper

97 100

99 63.2 50.8 76.2

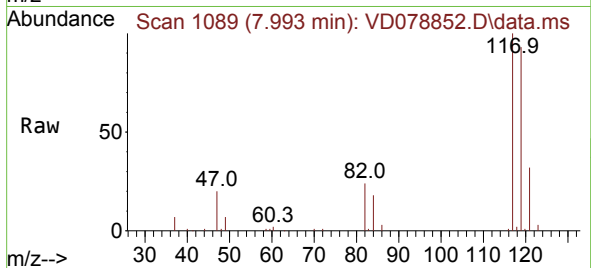
61 42.8 31.5 47.3



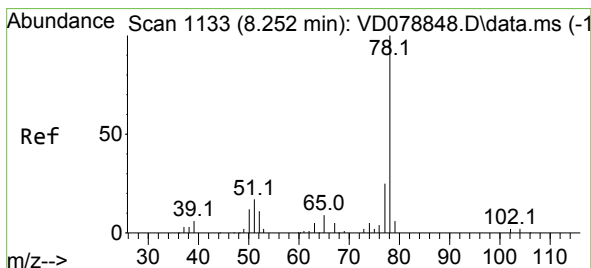
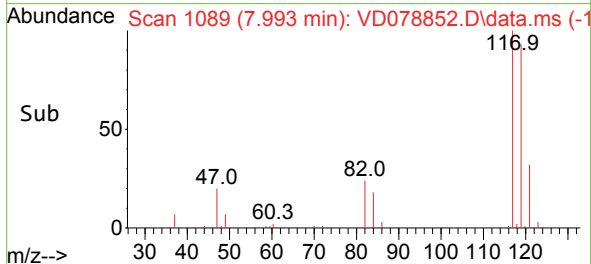
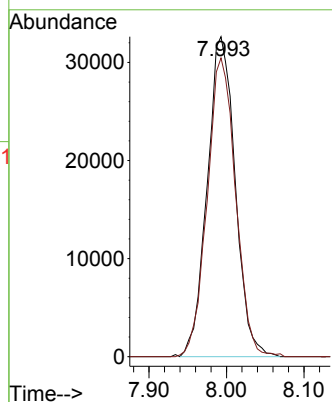


#31
Carbon tetrachloride
Concen: 26.827 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

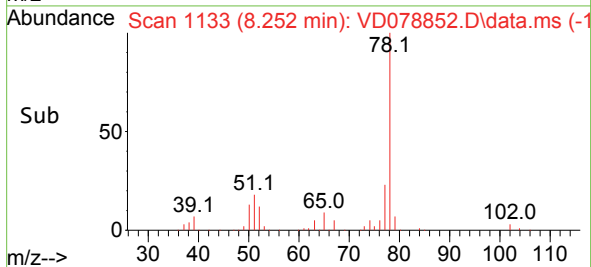
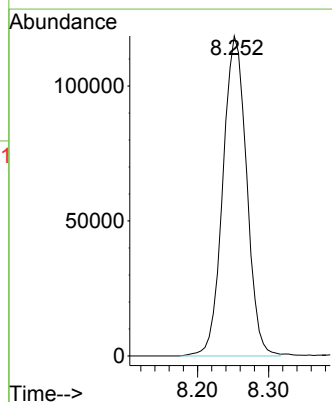
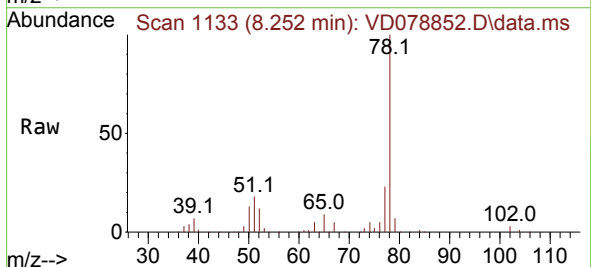


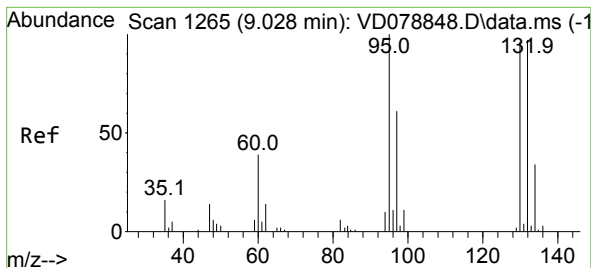
Tgt Ion:117 Resp: 81805
Ion Ratio Lower Upper
117 100
119 94.5 77.0 115.4



#33
Benzene
Concen: 32.112 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Tgt Ion: 78 Resp: 275019





#34

Trichloroethene

Concen: 26.824 ug/L

RT: 9.028 min Scan# 1

Delta R.T. 0.000 min

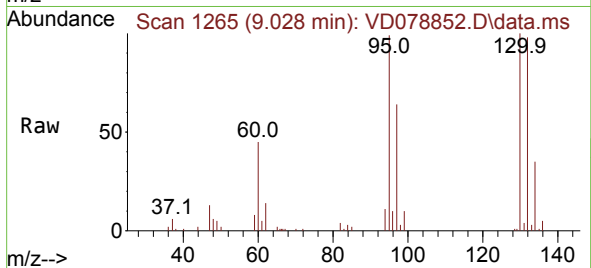
Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 61286

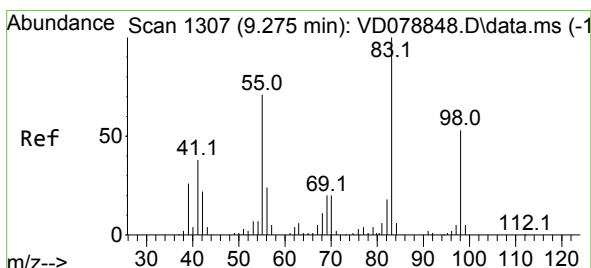
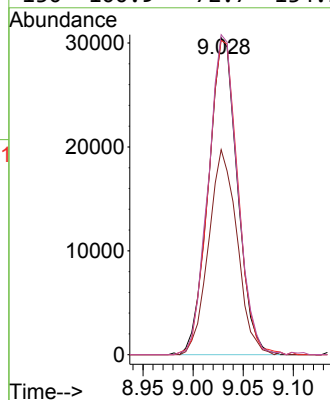
Ion Ratio Lower Upper

95 100

97 64.6 47.4 88.0

132 99.1 70.8 131.4

130 100.9 72.7 134.9



#35

Methylcyclohexane

Concen: 16.131 ug/L

RT: 9.281 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

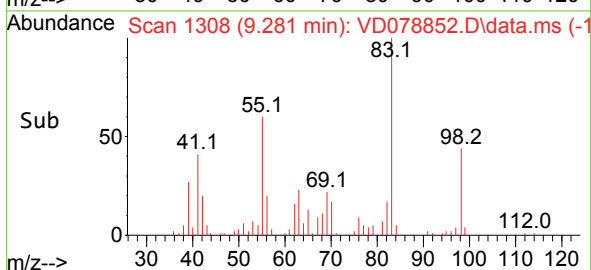
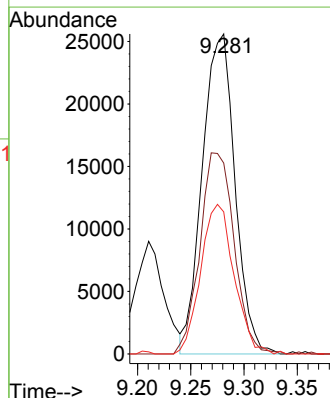
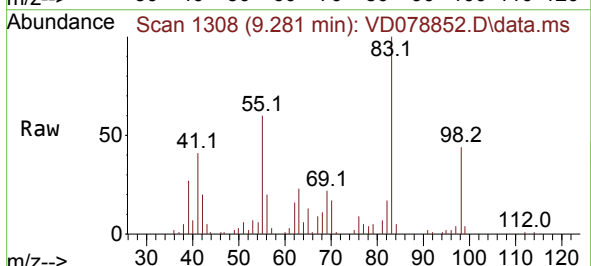
Tgt Ion: 83 Resp: 54749

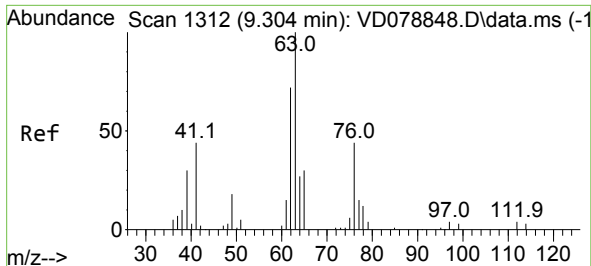
Ion Ratio Lower Upper

83 100

55 65.8 50.2 75.2

98 47.1 40.7 61.1





#37

1,2-Dichloropropane

Concen: 30.910 ug/L

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

Instrument :

MSVOA_D

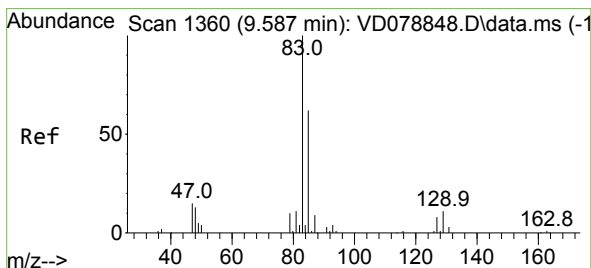
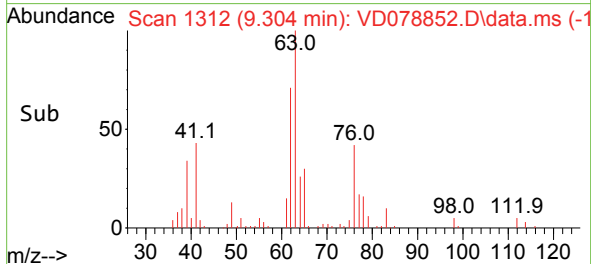
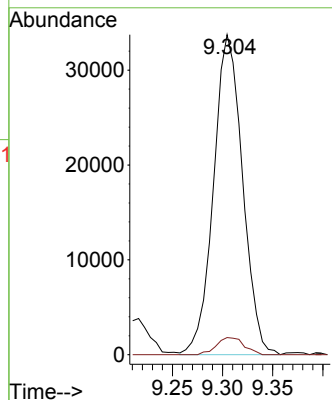
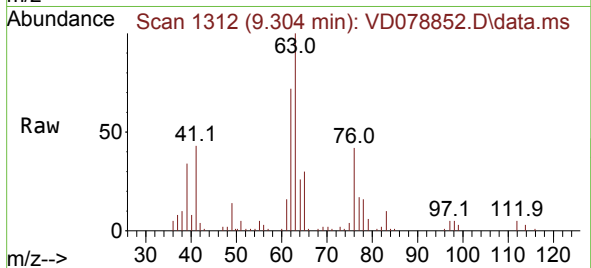
ClientSampleId :

Tgt Ion: 63 Resp: 67879

Ion Ratio Lower Upper

63 100

112 5.1 4.3 6.5



#38

Bromodichloromethane

Concen: 26.570 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

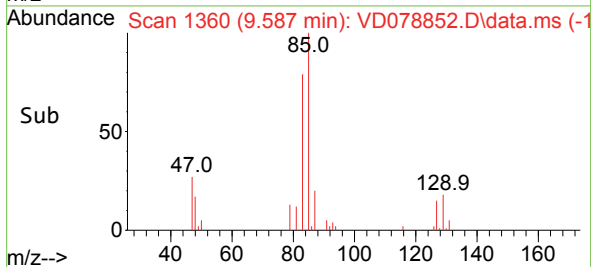
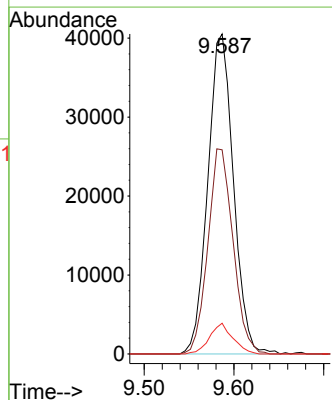
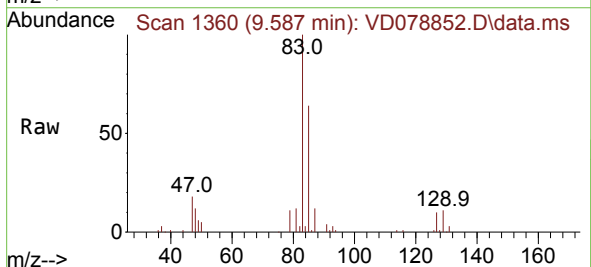
Tgt Ion: 83 Resp: 80281

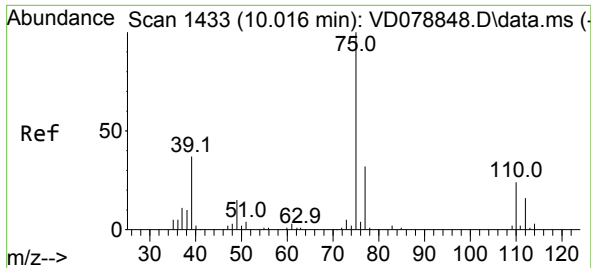
Ion Ratio Lower Upper

83 100

85 63.8 46.8 87.0

127 9.6 7.7 11.5

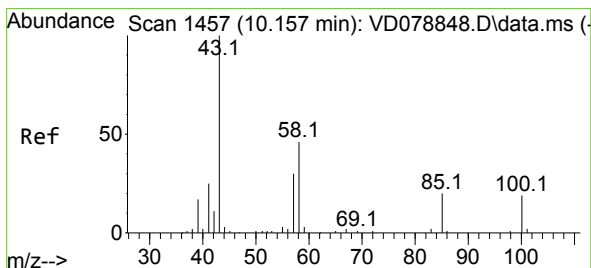
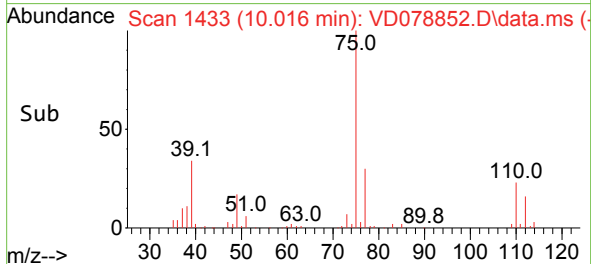
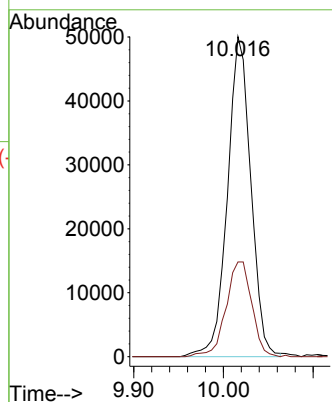
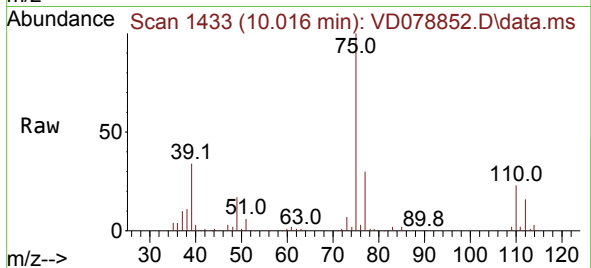




#39
 cis-1,3-Dichloropropene
 Concen: 26.846 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078852.D
 Acq: 30 Apr 2024 13:37

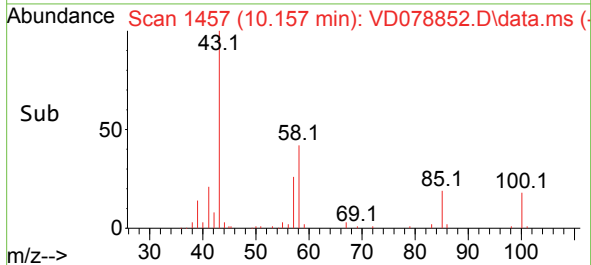
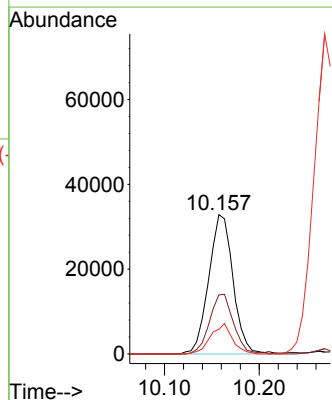
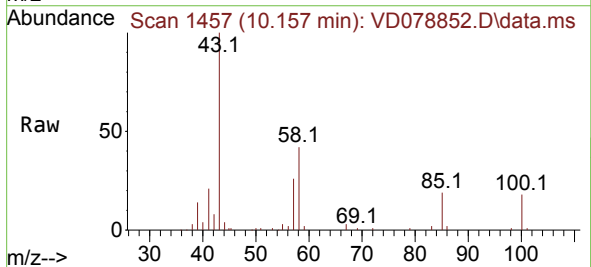
Instrument :
 MSVOA_D
 ClientSampleId :

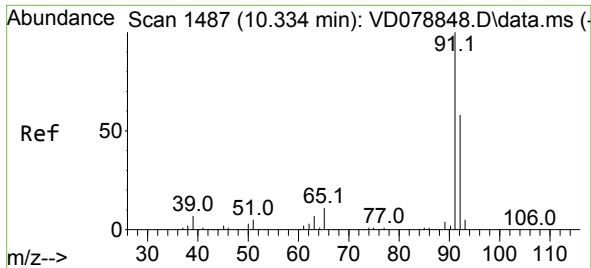
Tgt Ion: 75 Resp: 90552
 Ion Ratio Lower Upper
 75 100
 77 29.6 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 58.505 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD078852.D
 Acq: 30 Apr 2024 13:37

Tgt Ion: 43 Resp: 58684
 Ion Ratio Lower Upper
 43 100
 58 41.7 36.2 54.2
 100 19.4 18.3 27.5

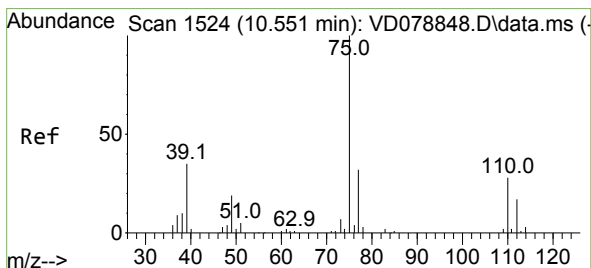
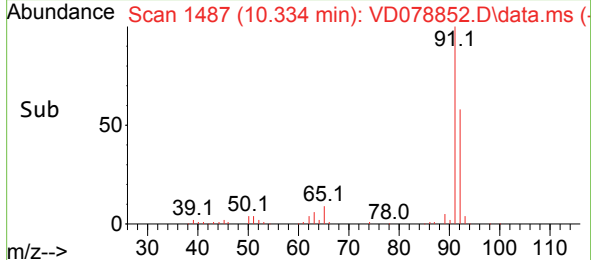
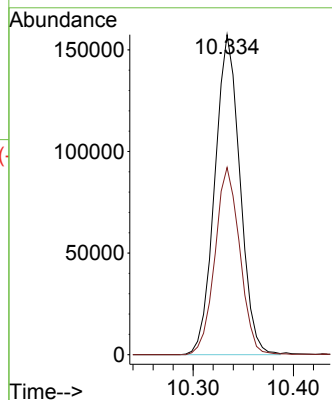
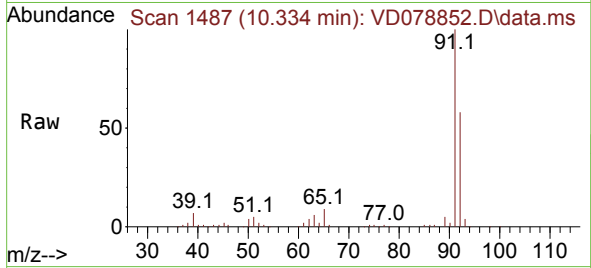




#42
Toluene
Concen: 28.996 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

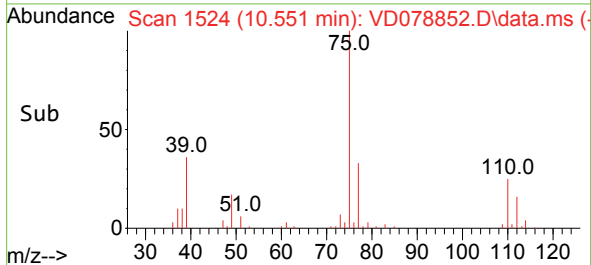
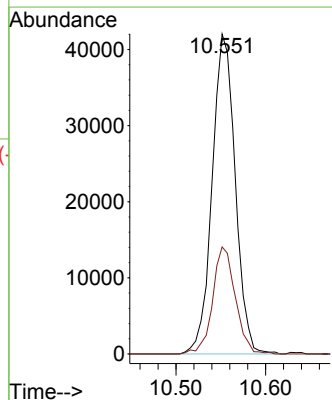
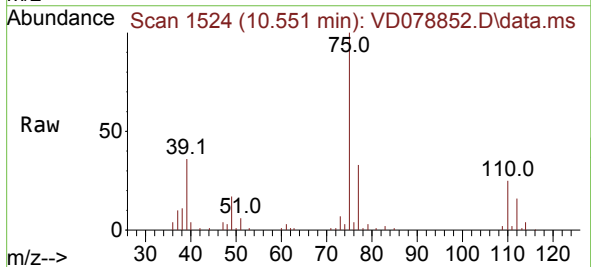
Instrument :
MSVOA_D
ClientSampleId :

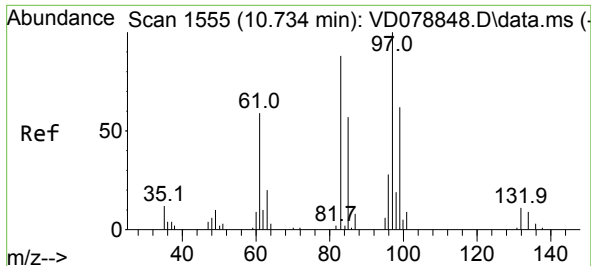
Tgt Ion: 91 Resp: 274908
Ion Ratio Lower Upper
91 100
92 58.5 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 25.420 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

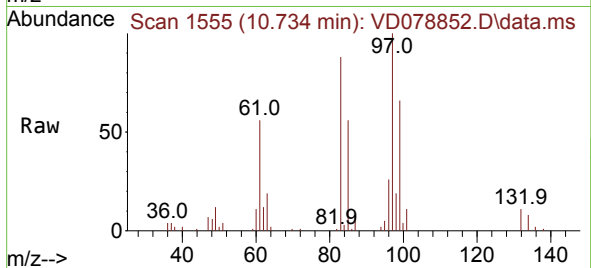
Tgt Ion: 75 Resp: 75135
Ion Ratio Lower Upper
75 100
77 33.4 23.4 43.4



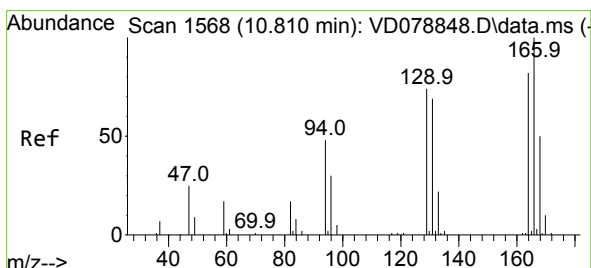
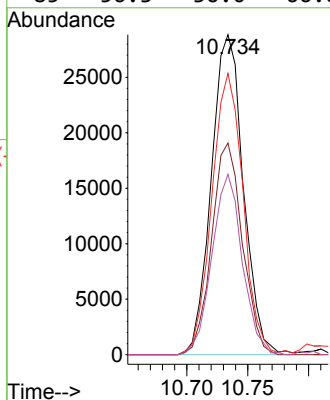
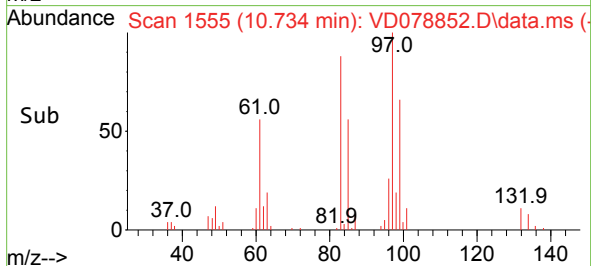


#45
1,1,2-Trichloroethane
Concen: 27.491 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

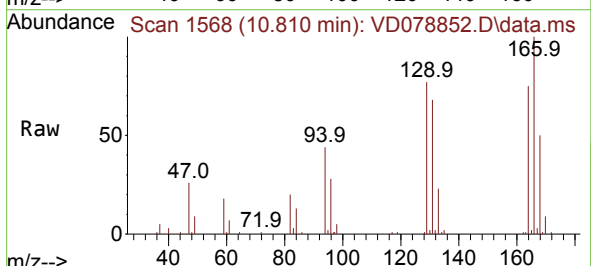
Instrument :
MSVOA_D
ClientSampleId :



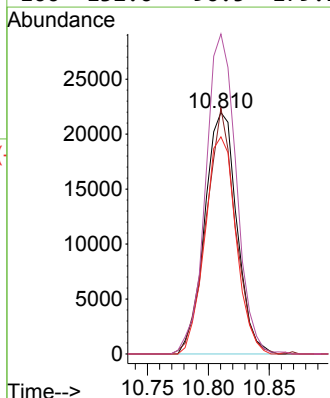
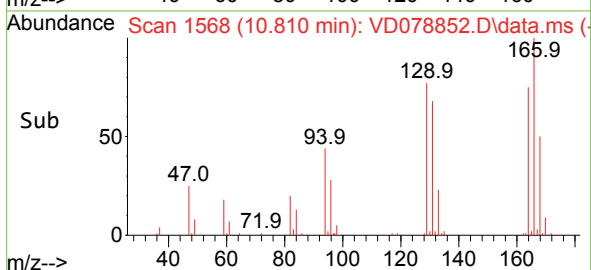
Tgt Ion:	97	Resp:	52718
Ion	Ratio	Lower	Upper
97	100		
99	66.1	42.6	79.2
83	87.9	58.0	107.6
85	56.3	36.0	66.8

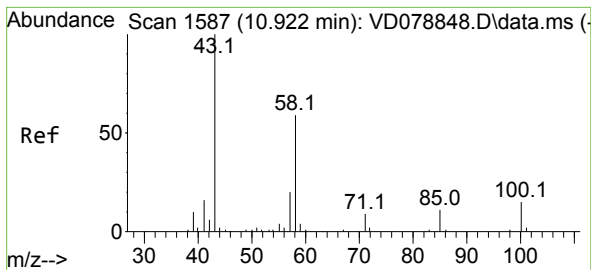


#46
Tetrachloroethene
Concen: 20.996 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37



Tgt Ion:	164	Resp:	40169
Ion	Ratio	Lower	Upper
164	100		
129	101.8	65.3	121.3
131	89.9	58.4	108.6
166	132.6	96.5	179.1





#48

2-Hexanone

Concen: 54.522 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

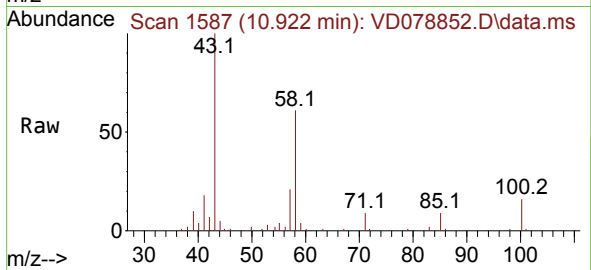
Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 43042

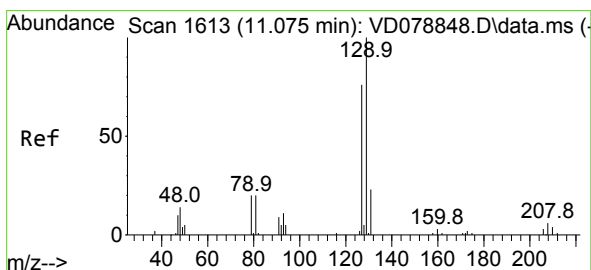
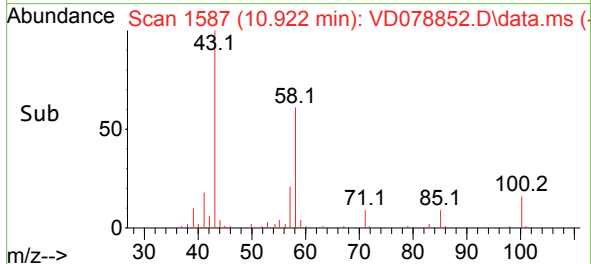
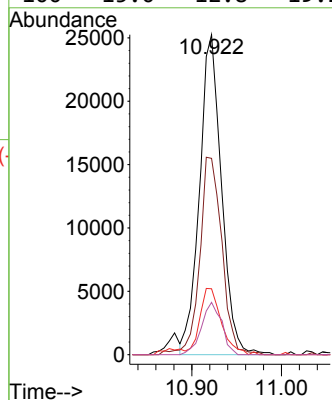
Ion Ratio Lower Upper

43 100

58 59.7 50.3 75.5

57 20.1 16.5 24.7

100 15.0 12.8 19.2



#49

Dibromochloromethane

Concen: 23.255 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078852.D

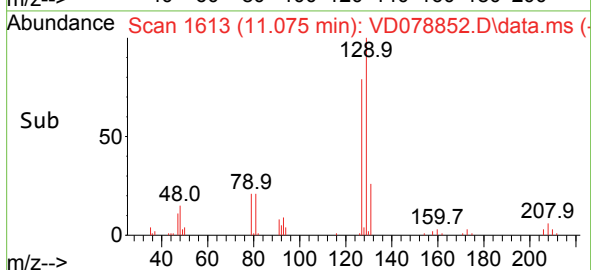
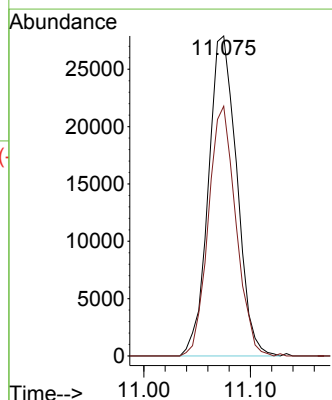
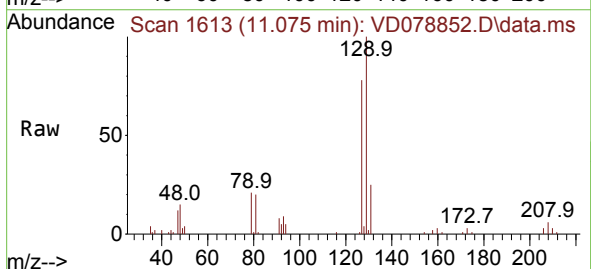
Acq: 30 Apr 2024 13:37

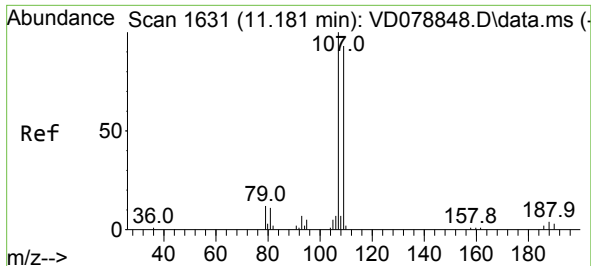
Tgt Ion:129 Resp: 51638

Ion Ratio Lower Upper

129 100

127 78.1 57.1 106.1





#50

1,2-Dibromoethane

Concen: 26.565 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078852.D

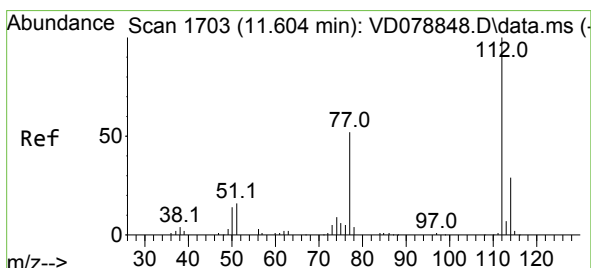
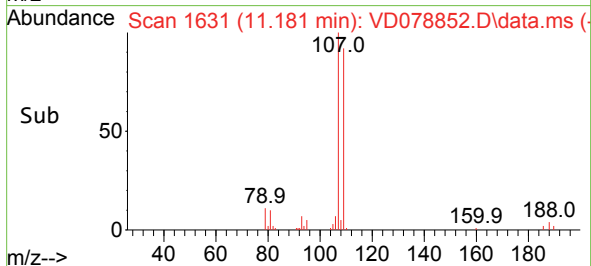
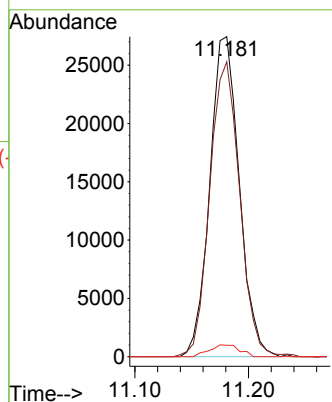
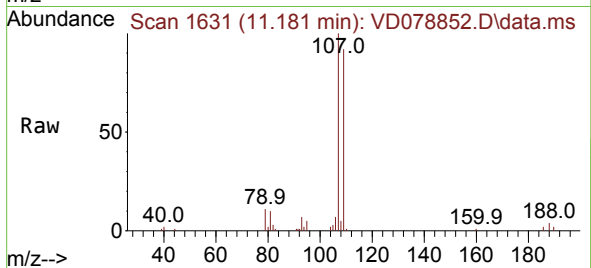
Acq: 30 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	49506
Ion Ratio	Lower	Upper
107	100	
109	92.2	64.8 120.4
188	3.6	3.6 5.4#



#51

Chlorobenzene

Concen: 25.310 ug/L

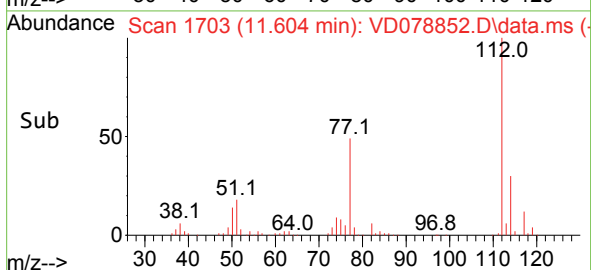
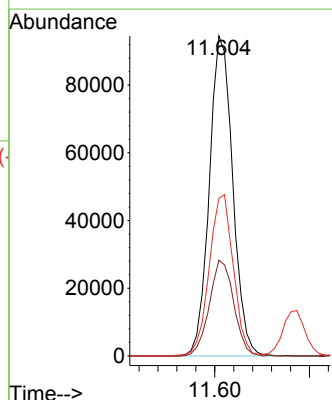
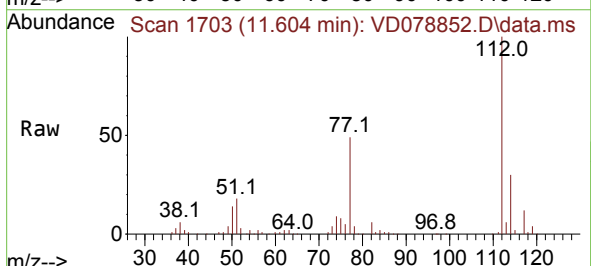
RT: 11.604 min Scan# 1703

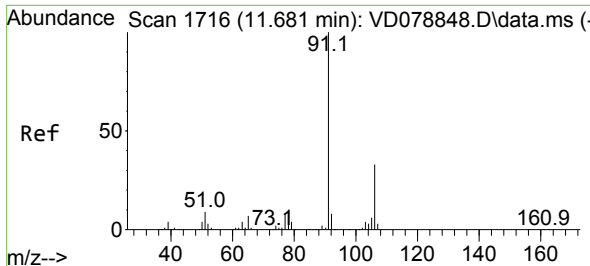
Delta R.T. 0.000 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

Tgt Ion:112	Resp:	161854
Ion Ratio	Lower	Upper
112	100	
114	29.9	21.7 40.3
77	49.3	41.0 61.6

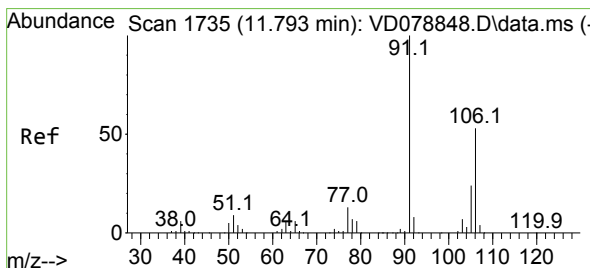
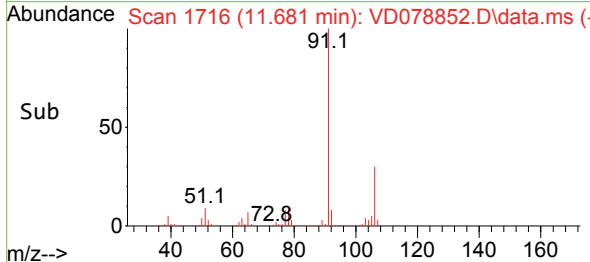
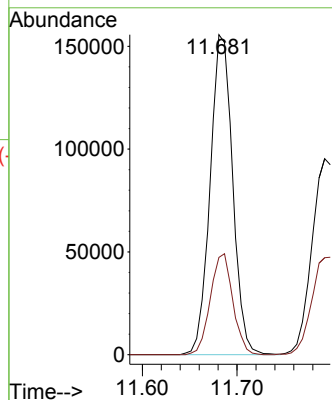
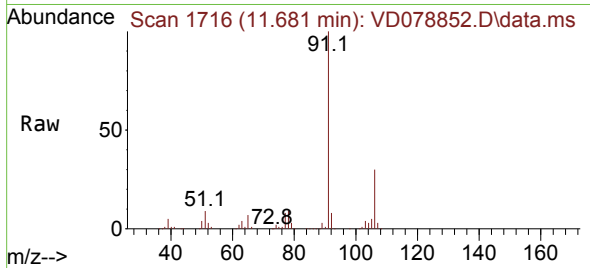




#52
Ethylbenzene
Concen: 25.762 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

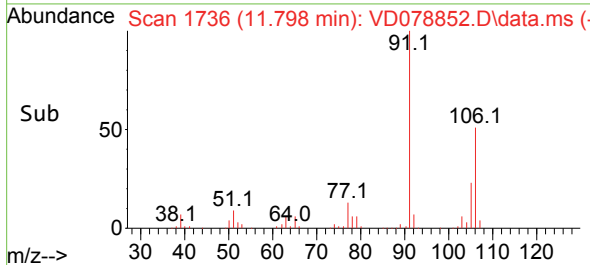
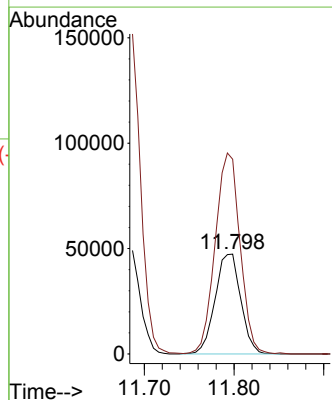
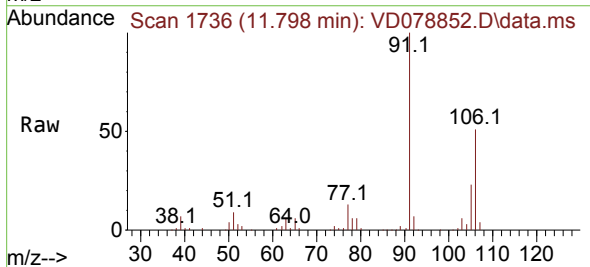
Instrument :
MSVOA_D
ClientSampleId :

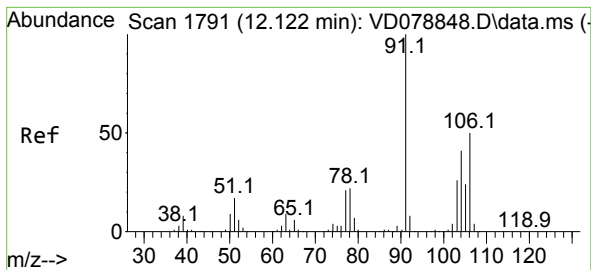
Tgt Ion: 91 Resp: 256815
Ion Ratio Lower Upper
91 100
106 30.4 22.3 41.3



#53
m,p-Xylene
Concen: 23.966 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Tgt Ion:106 Resp: 94112
Ion Ratio Lower Upper
106 100
91 194.8 134.4 249.6

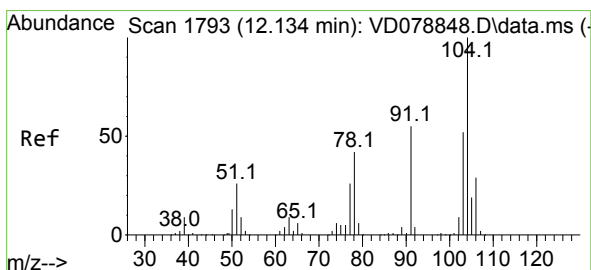
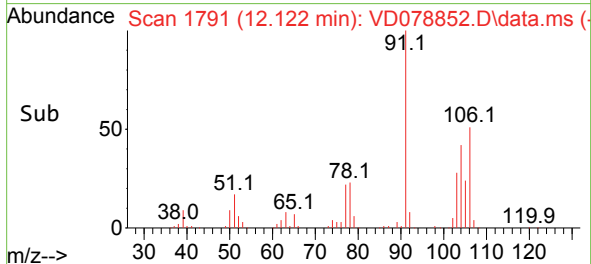
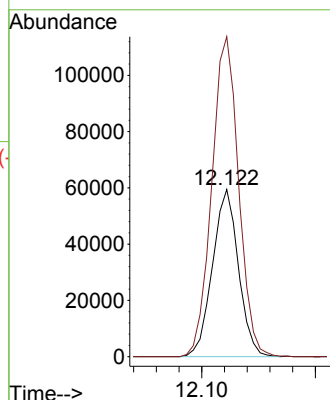
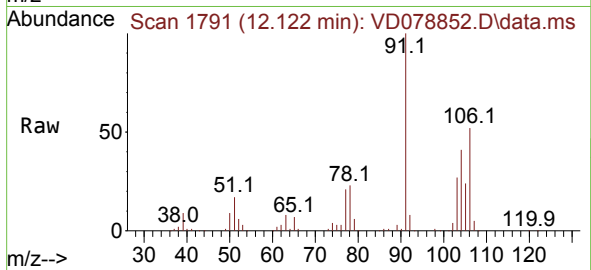




#54
o-Xylene
Concen: 24.833 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

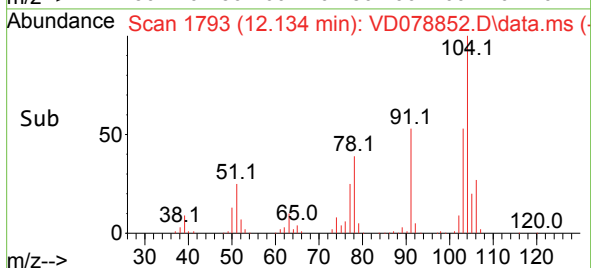
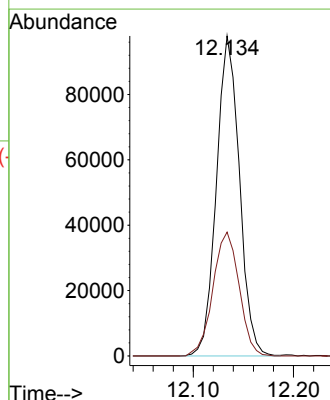
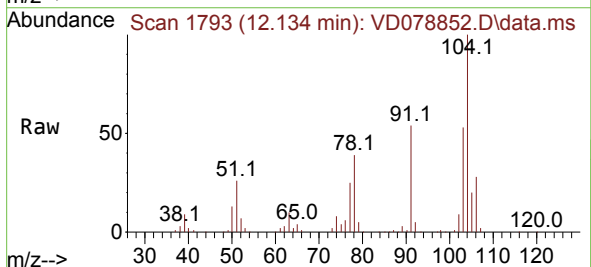
Instrument :
MSVOA_D
ClientSampleId :

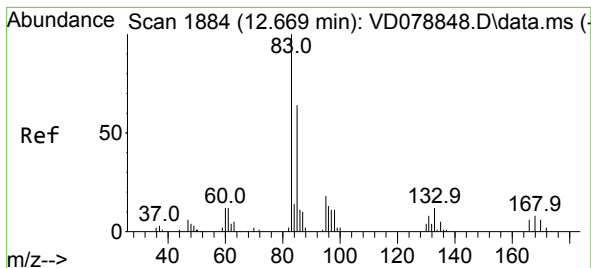
Tgt Ion:106 Resp: 94264
Ion Ratio Lower Upper
106 100
91 191.5 146.2 271.6



#55
Styrene
Concen: 22.909 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Tgt Ion:104 Resp: 155845
Ion Ratio Lower Upper
104 100
78 38.7 26.4 49.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.253 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078852.D

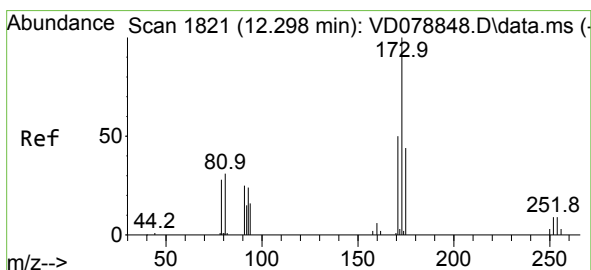
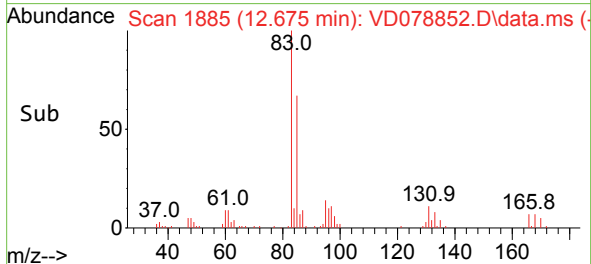
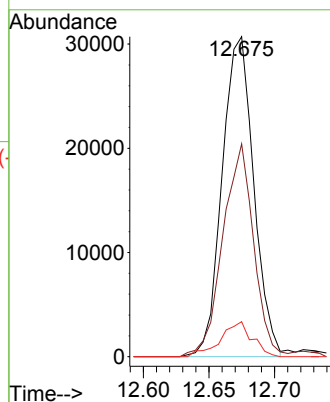
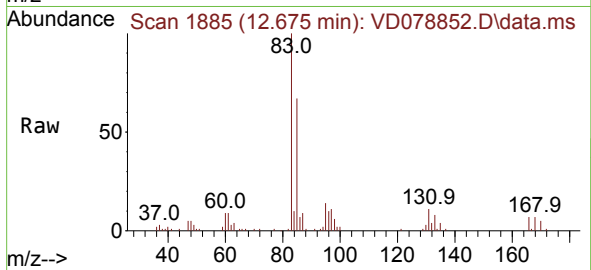
Acq: 30 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 51475
Ion Ratio	Lower Upper
83 100	
85 66.5	44.5 82.7
131 10.9	8.1 12.1



#59

Bromoform

Concen: 28.114 ug/L

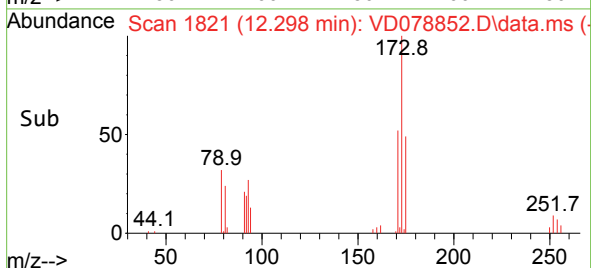
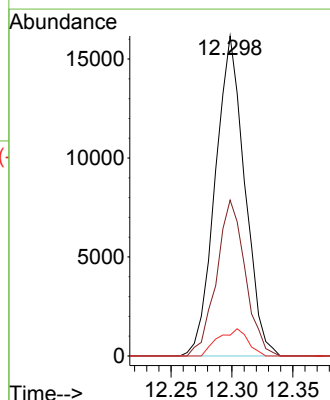
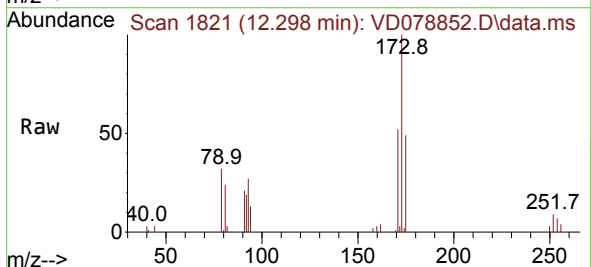
RT: 12.298 min Scan# 1821

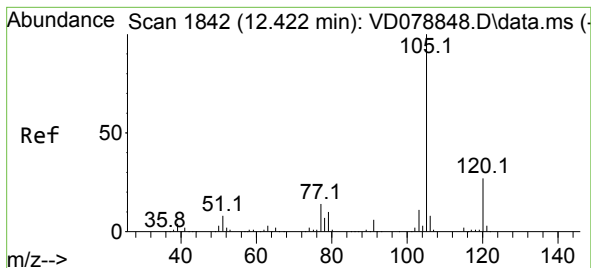
Delta R.T. 0.000 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

Tgt Ion: 173	Resp: 27261
Ion Ratio	Lower Upper
173 100	
175 47.5	39.0 58.6
254 8.5	7.7 11.5





#60

Isopropylbenzene

Concen: 32.604 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

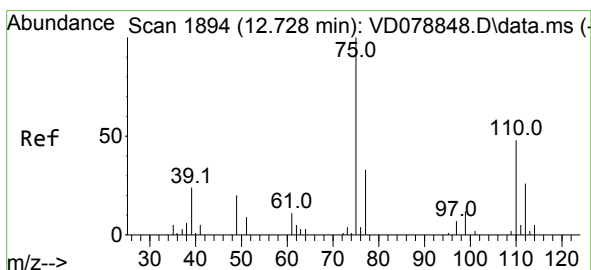
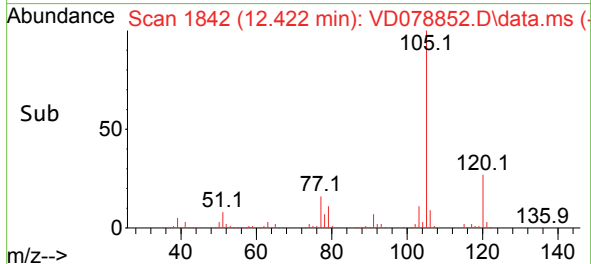
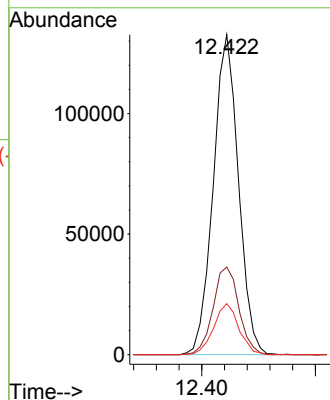
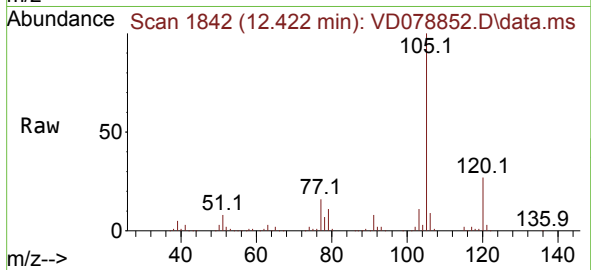
Tgt Ion:105 Resp: 204099

Ion Ratio Lower Upper

105 100

120 28.1 21.6 32.4

77 16.0 11.4 17.2



#61

1,2,3-Trichloropropane

Concen: 39.585 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

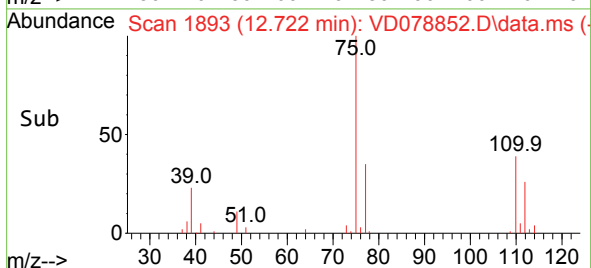
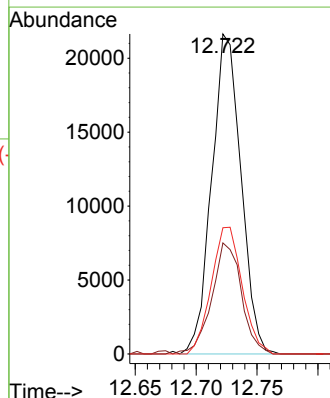
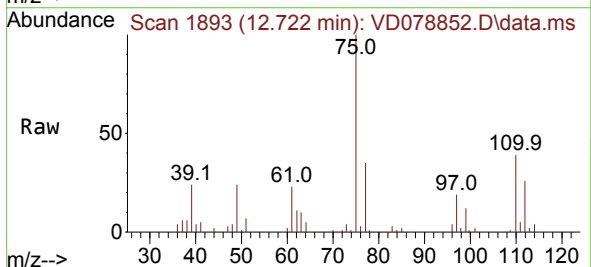
Tgt Ion: 75 Resp: 36143

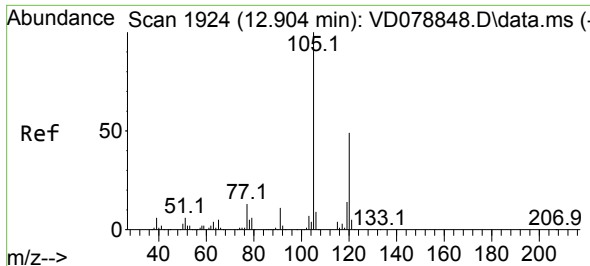
Ion Ratio Lower Upper

75 100

77 35.1 26.9 40.3

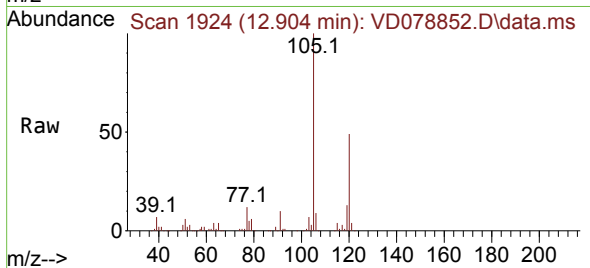
110 41.8 34.6 51.8



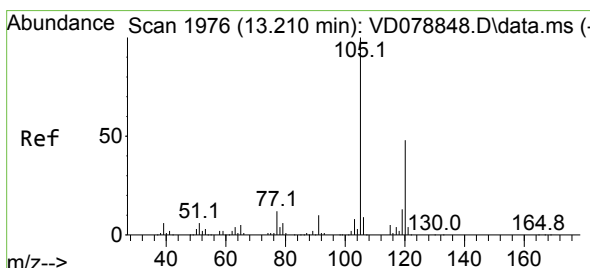
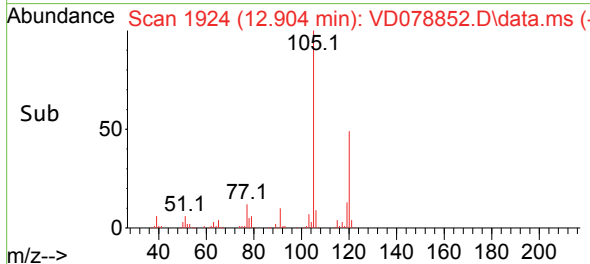
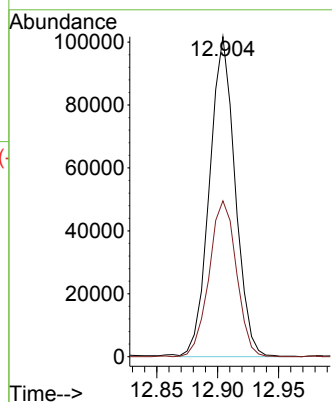


#62
 1,3,5-Trimethylbenzene
 Concen: 39.235 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD078852.D
 Acq: 30 Apr 2024 13:37

Instrument :
 MSVOA_D
 ClientSampleId :

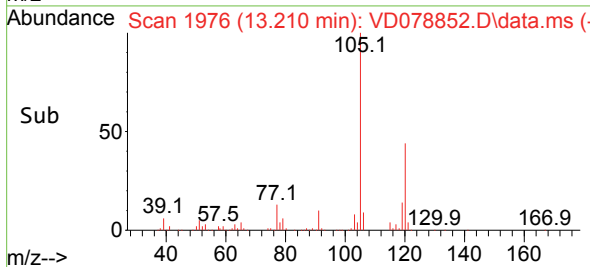
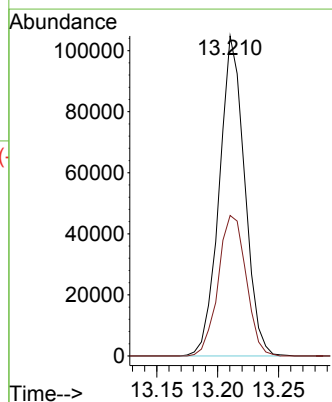
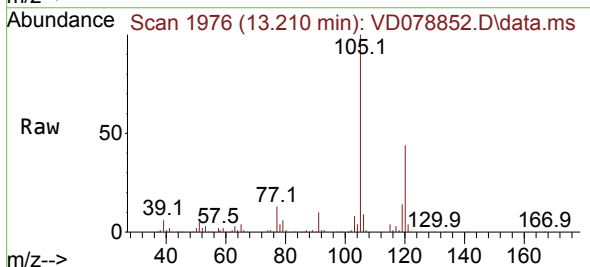


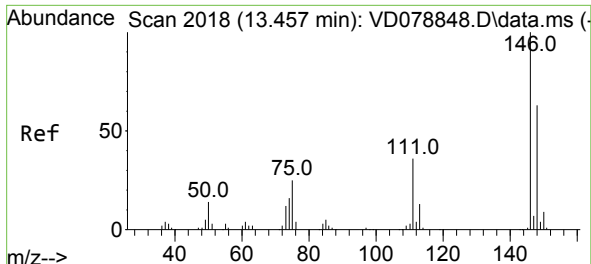
Tgt Ion:105 Resp: 148892
 Ion Ratio Lower Upper
 105 100
 120 51.9 41.2 61.8



#63
 1,2,4-Trimethylbenzene
 Concen: 32.677 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078852.D
 Acq: 30 Apr 2024 13:37

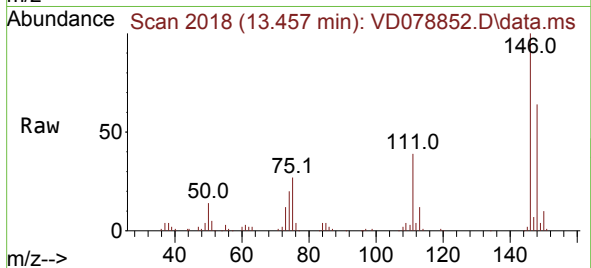
Tgt Ion:105 Resp: 152172
 Ion Ratio Lower Upper
 105 100
 120 48.2 38.6 57.8



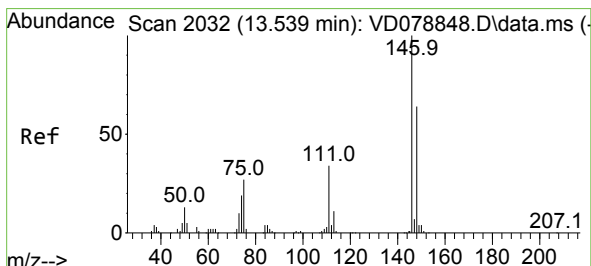
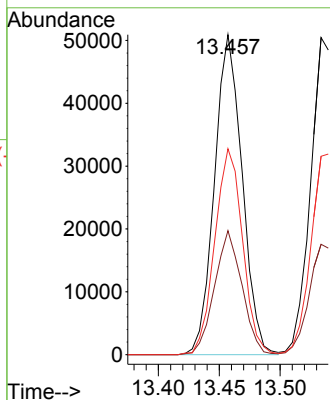
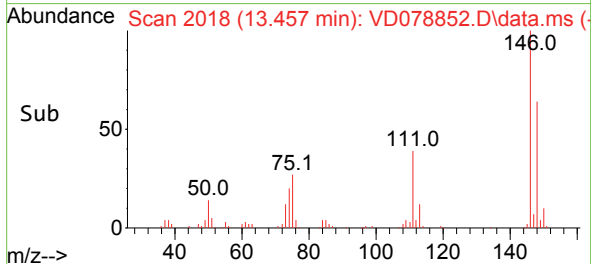


#64
1,3-Dichlorobenzene
Concen: 25.875 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

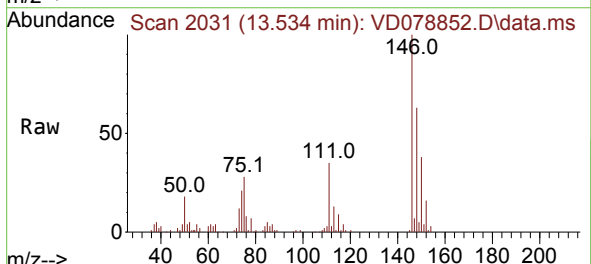
Instrument :
MSVOA_D
ClientSampleId :



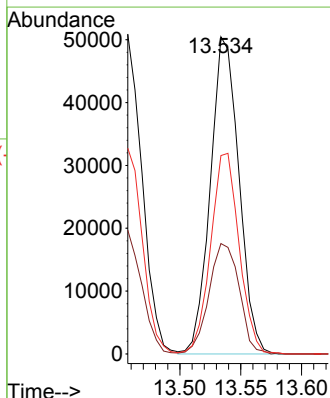
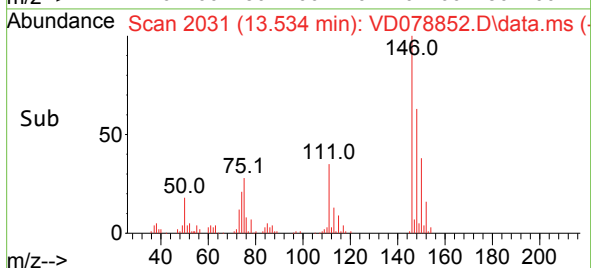
Tgt Ion:146 Resp: 80618
Ion Ratio Lower Upper
146 100
111 38.8 23.7 44.1
148 64.3 43.6 81.0

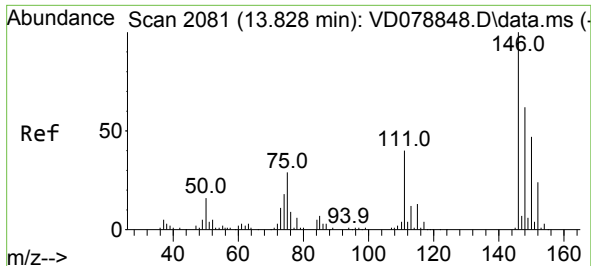


#65
1,4-Dichlorobenzene
Concen: 25.038 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37



Tgt Ion:146 Resp: 82495
Ion Ratio Lower Upper
146 100
111 34.8 22.7 42.3
148 62.5 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 24.521 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

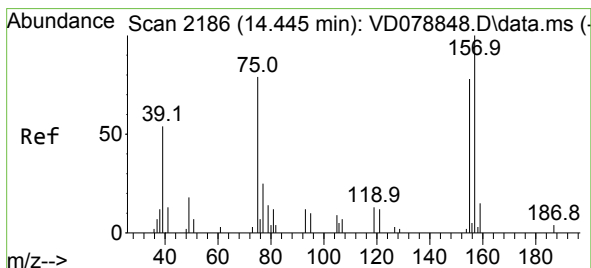
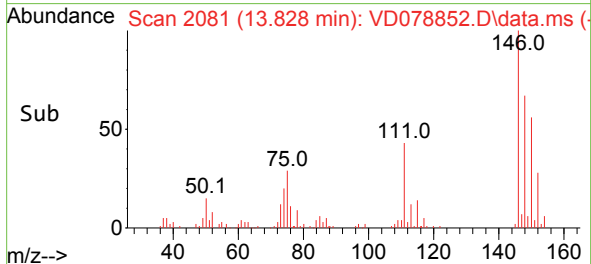
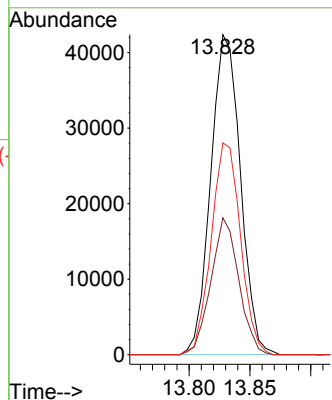
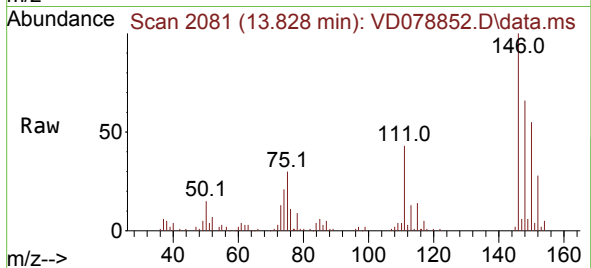
Tgt Ion:146 Resp: 71970

Ion Ratio Lower Upper

146 100

111 42.7 29.5 44.3

148 66.2 55.7 83.5



#68

1,2-Dibromo-3-chloropropane

Concen: 33.341 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078852.D

Acq: 30 Apr 2024 13:37

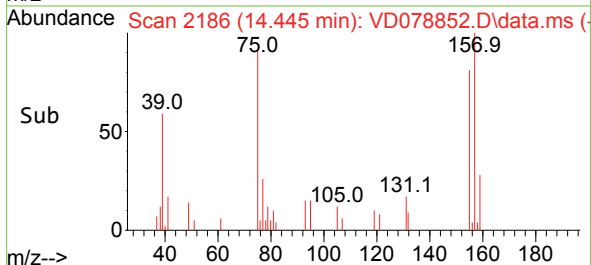
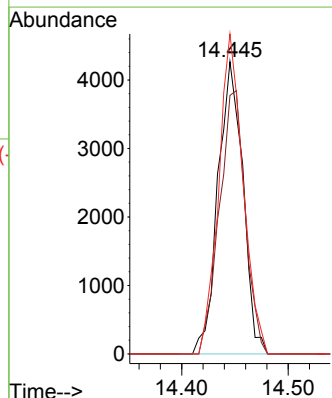
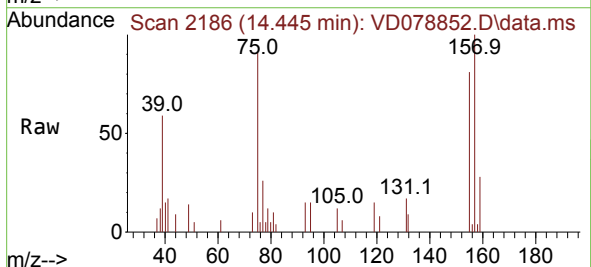
Tgt Ion: 75 Resp: 6931

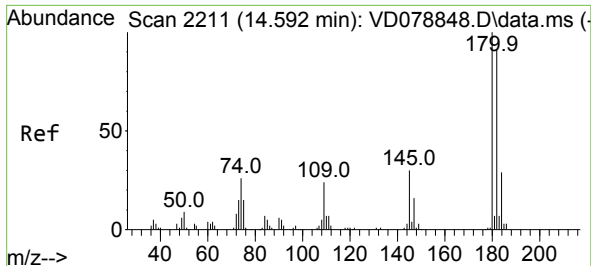
Ion Ratio Lower Upper

75 100

155 88.5 85.3 127.9

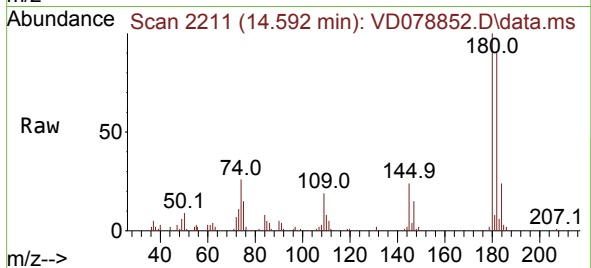
157 109.5 94.7 142.1



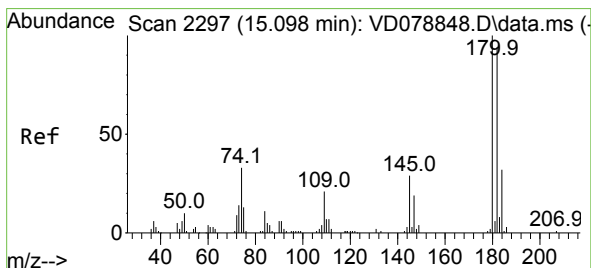
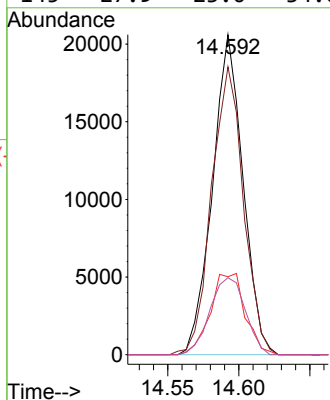
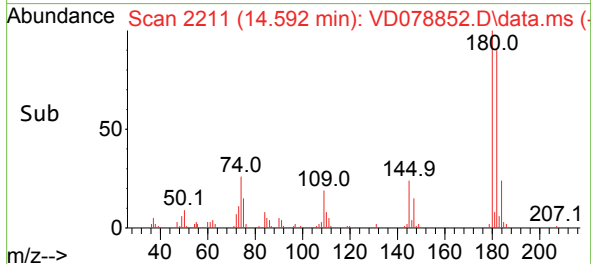


#69
 1,3,5-Trichlorobenzene
 Concen: 15.387 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078852.D
 Acq: 30 Apr 2024 13:37

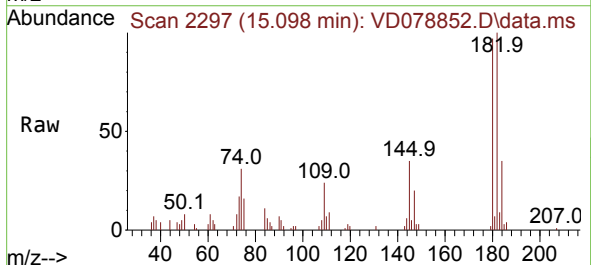
Instrument :
 MSVOA_D
 ClientSampleId :



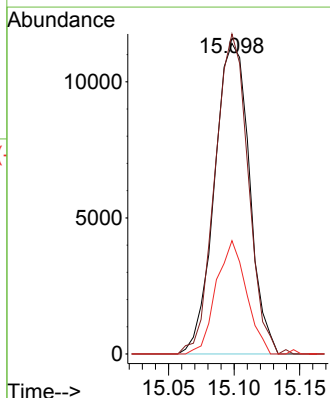
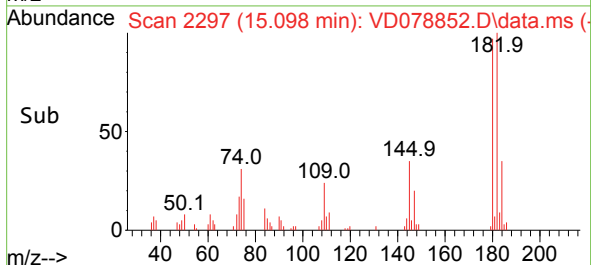
Tgt Ion:180 Resp: 30830
 Ion Ratio Lower Upper
 180 100
 182 93.4 76.0 114.0
 184 28.8 24.5 36.7
 145 27.9 23.0 34.6

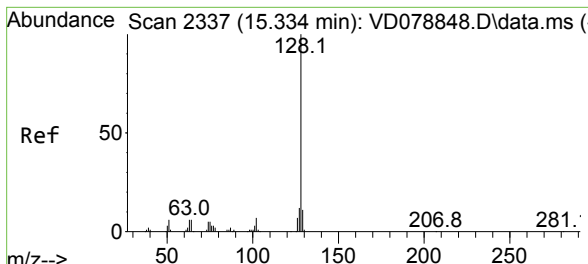


#70
 1,2,4-trichlorobenzene
 Concen: 12.511 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078852.D
 Acq: 30 Apr 2024 13:37



Tgt Ion:180 Resp: 21139
 Ion Ratio Lower Upper
 180 100
 182 97.5 74.7 112.1
 145 31.6 22.6 33.8

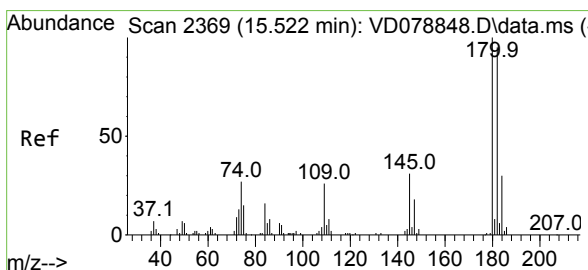
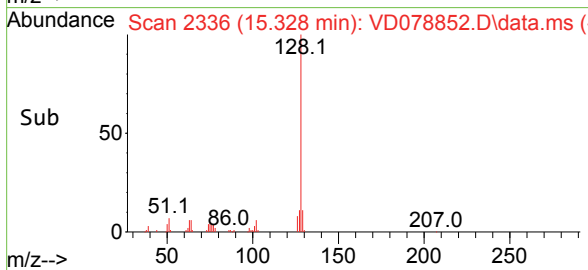
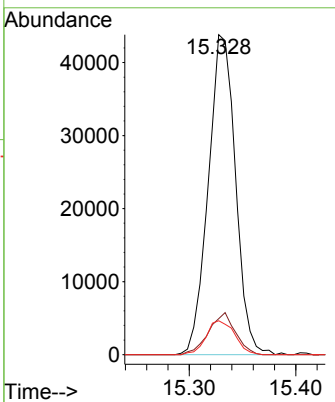
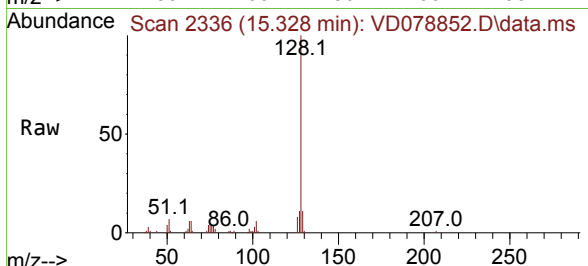




#71
Naphthalene
Concen: 23.708 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	77752
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.5 15.7
129	11.1	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 13.012 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078852.D
Acq: 30 Apr 2024 13:37

Tgt Ion:180	Resp:	20130
Ion Ratio	Lower	Upper
180	100	
182	98.3	78.1 117.1
145	32.6	24.4 36.6

