

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020724\
 Data File : VD078360.D
 Acq On : 07 Feb 2024 14:21
 Operator : RP/MD
 Sample : 04696-03
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 08 00:39:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 08 00:21:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	191151	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	183548	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	74521	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	138728	25.580	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.320%
7) Chloroethane-d5	2.805	69	116574	25.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.280%
11) 1,1-Dichloroethene-d2	3.916	65	28559	24.389	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.560%
21) 2-Butanone-d5	6.987	46	25329	31.721	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.440%
24) Chloroform-d	7.569	84	120847	22.174	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.680%
26) 1,2-Dichloroethane-d4	8.228	65	65413	22.240	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.960%
32) Benzene-d6	8.199	84	271990	25.343	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.360%
36) 1,2-Dichloropropane-d6	9.210	67	83717	25.337	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.360%
41) Toluene-d8	10.269	98	240611	24.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.840%
43) trans-1,3-Dichloroprop...	10.522	79	31535	21.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.480%
47) 2-Hexanone-d5	10.875	63	22788	33.993	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	59810	19.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	68667	25.739	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	1910	0.507	ug/L #	82
3) Chloromethane	2.152	50	4384	0.800	ug/L	98
5) Vinyl chloride	2.287	62	4972	0.734	ug/L #	74
6) Bromomethane	2.875	94	126	0.041	ug/L	86
8) Chloroethane	2.840	64	2994	0.694	ug/L #	65
9) Trichlorofluoromethane	3.175	101	3197	0.664	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	1080	0.360	ug/L #	79
12) 1,1-Dichloroethene	3.940	96	1661	0.599	ug/L #	1
13) Acetone	4.022	43	389	0.371	ug/L	100
14) Carbon disulfide	4.275	76	6911	0.676	ug/L	98
15) Methyl Acetate	4.575	43	450	0.286	ug/L #	62
16) Methylene chloride	4.799	84	5548	1.480	ug/L #	88
17) trans-1,2-Dichloroethene	5.328	96	548	0.179	ug/L	90
18) Methyl tert-butyl Ether	5.310	73	563	0.079	ug/L #	24
19) 1,1-Dichloroethane	6.122	63	2484	0.464	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	1765	0.527	ug/L #	69
22) 2-Butanone	7.093	43	603	0.475	ug/L	78
23) Bromochloromethane	7.422	128	498	0.336	ug/L #	68
25) Chloroform	7.599	83	16938	2.901	ug/L	87

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

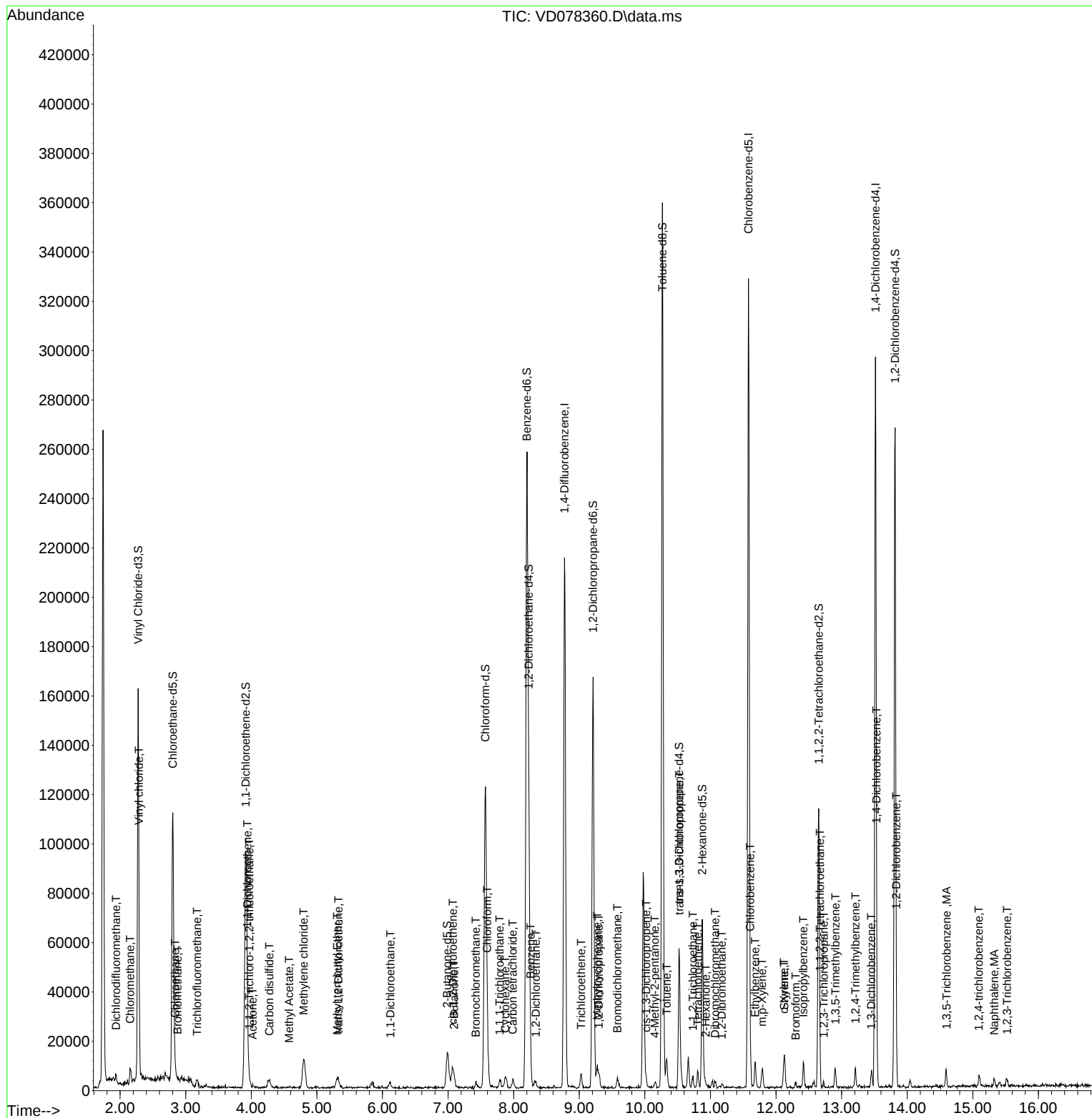
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.340	62	2412	0.643	ug/L #	69
29) Cyclohexane	7.875	56	1044	0.252	ug/L	90
30) 1,1,1-Trichloroethane	7.787	97	2689	0.598	ug/L #	67
31) Carbon tetrachloride	7.987	117	2364	0.596	ug/L #	64
33) Benzene	8.257	78	7756	0.627	ug/L	100
34) Trichloroethene	9.028	95	1886	0.604	ug/L	87
35) Methylcyclohexane	9.275	83	2846	0.582	ug/L #	83
37) 1,2-Dichloropropane	9.299	63	1288	0.395	ug/L #	87
38) Bromodichloromethane	9.581	83	2711	0.638	ug/L #	68
39) cis-1,3-Dichloropropene	10.022	75	2703	0.533	ug/L #	82
40) 4-Methyl-2-pentanone	10.151	43	1759	0.869	ug/L #	52
42) Toluene	10.334	91	8151	0.633	ug/L	96
44) trans-1,3-Dichloropropene	10.528	75	1467	0.331	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	1536	0.591	ug/L #	73
46) Tetrachloroethene	10.804	164	1520	0.709	ug/L	74
48) 2-Hexanone	10.928	43	1402	0.849	ug/L #	52
49) Dibromochloromethane	11.069	129	1485	0.509	ug/L #	68
50) 1,2-Dibromoethane	11.175	107	856	0.338	ug/L #	88
51) Chlorobenzene	11.604	112	5289	0.635	ug/L	92
52) Ethylbenzene	11.681	91	8095	0.586	ug/L	91
53) m,p-Xylene	11.787	106	2699	0.508	ug/L	78
54) o-Xylene	12.122	106	2700	0.527	ug/L	76
55) Styrene	12.128	104	3715	0.402	ug/L #	70
57) 1,1,2,2-Tetrachloroethane	12.669	83	1848	0.555	ug/L #	84
59) Bromoform	12.298	173	780	0.522	ug/L #	66
60) Isopropylbenzene	12.416	105	6520	0.579	ug/L	95
61) 1,2,3-Trichloropropane	12.728	75	873	0.459	ug/L	94
62) 1,3,5-Trimethylbenzene	12.904	105	4871	0.553	ug/L	91
63) 1,2,4-Trimethylbenzene	13.210	105	4344	0.498	ug/L	89
64) 1,3-Dichlorobenzene	13.451	146	3091	0.615	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	3531	0.671	ug/L #	72
67) 1,2-Dichlorobenzene	13.834	146	2998	0.631	ug/L	96
69) 1,3,5-Trichlorobenzene	14.598	180	1062	0.343	ug/L #	17
70) 1,2,4-trichlorobenzene	15.092	180	1768	0.661	ug/L	85
71) Naphthalene	15.328	128	2899	0.463	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.522	180	1314	0.526	ug/L #	84

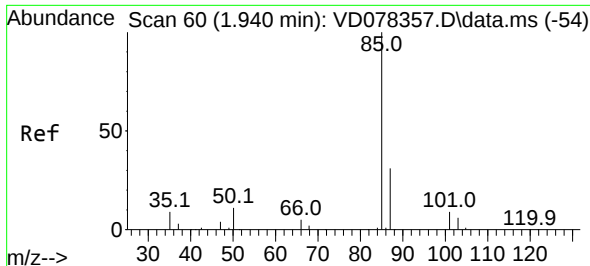
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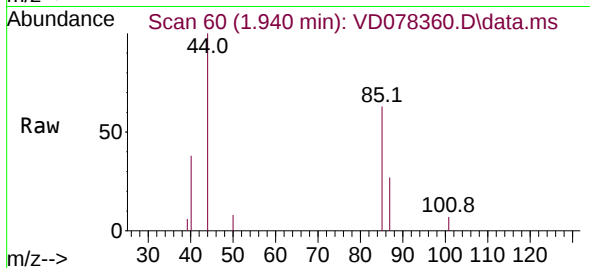
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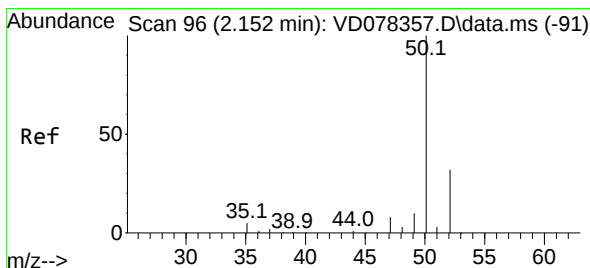
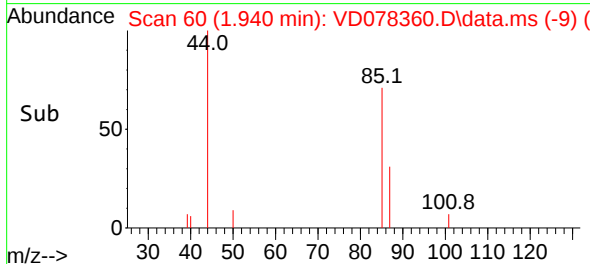
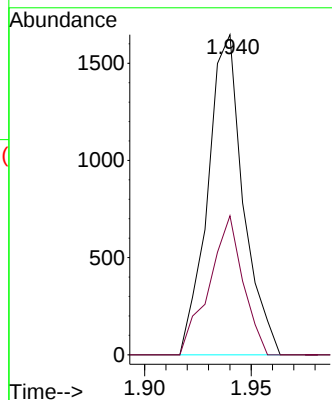


#2
 Dichlorodifluoromethane
 Concen: 0.507 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: VD078360.D
 Acq: 07 Feb 2024 14:21

Instrument :
 MSVOA_D
 ClientSampleId :

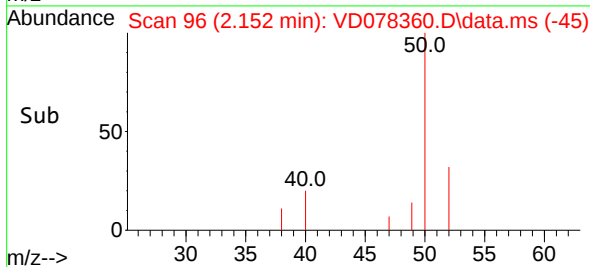
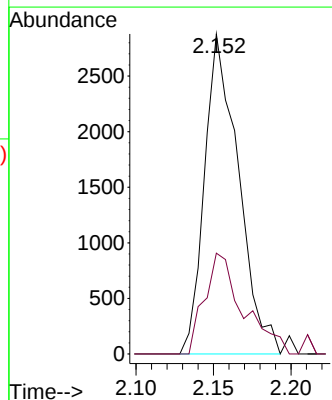
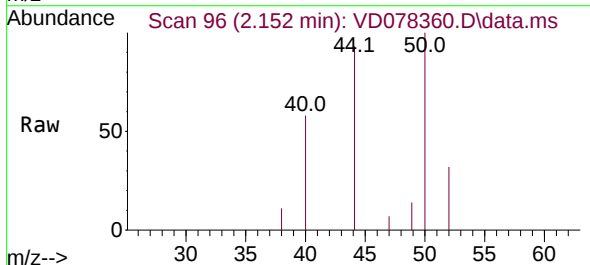


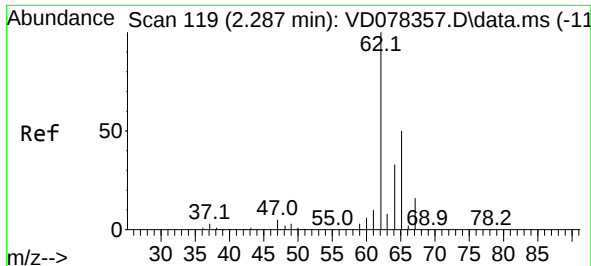
Tgt Ion: 85 Resp: 1910
 Ion Ratio Lower Upper
 85 100
 87 41.3 25.3 37.9#



#3
 Chloromethane
 Concen: 0.800 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD078360.D
 Acq: 07 Feb 2024 14:21

Tgt Ion: 50 Resp: 4384
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.7 42.3

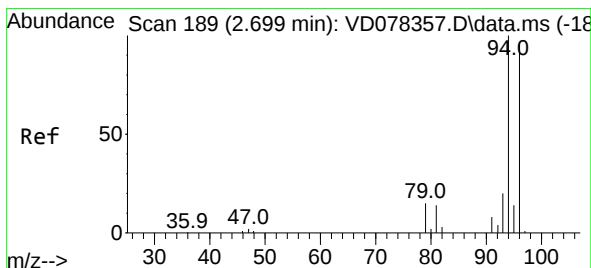
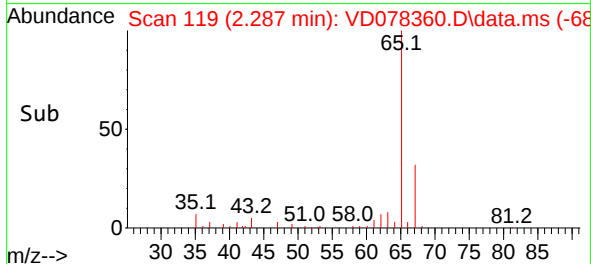
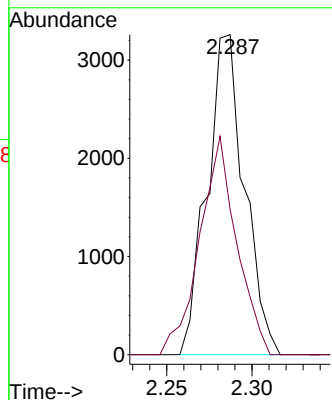
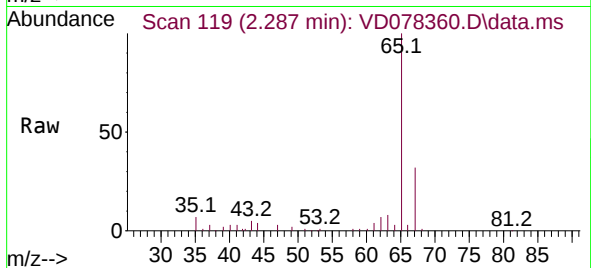




#5
 Vinyl chloride
 Concen: 0.734 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD078360.D
 Acq: 07 Feb 2024 14:21

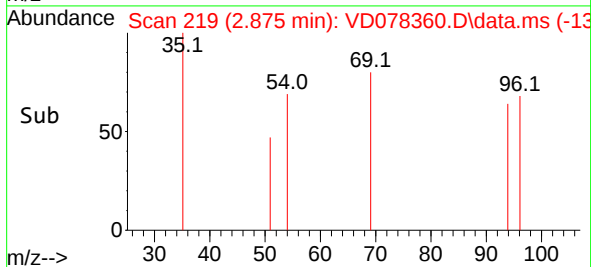
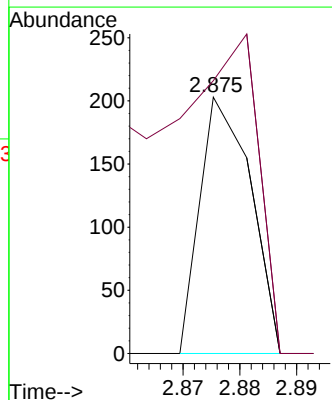
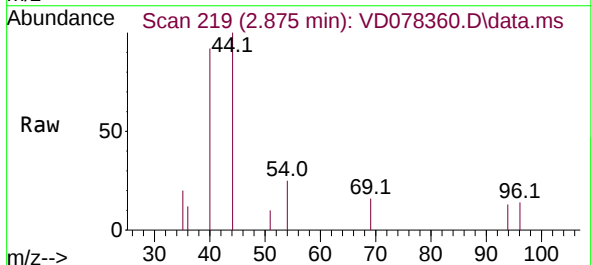
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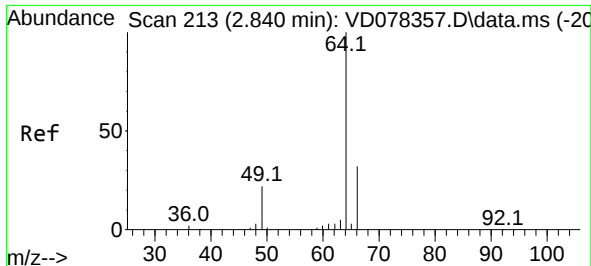
Tgt Ion: 62 Resp: 4972
 Ion Ratio Lower Upper
 62 100
 64 45.4 21.7 40.3#



#6
 Bromomethane
 Concen: 0.041 ug/L
 RT: 2.875 min Scan# 219
 Delta R.T. 0.177 min
 Lab File: VD078360.D
 Acq: 07 Feb 2024 14:21

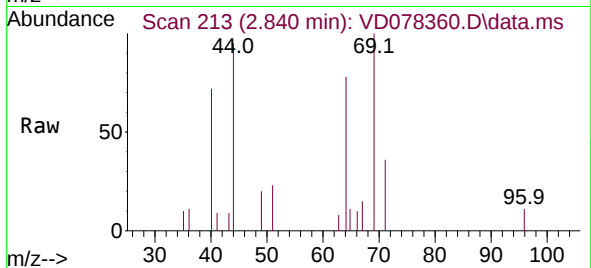
Tgt Ion: 94 Resp: 126
 Ion Ratio Lower Upper
 94 100
 96 106.4 64.8 120.4



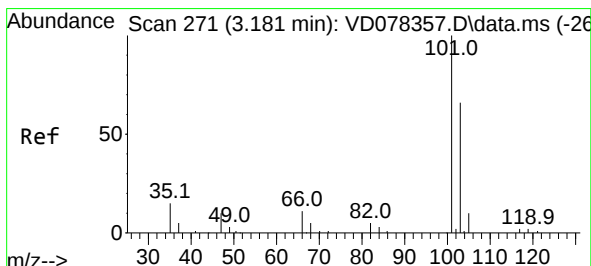
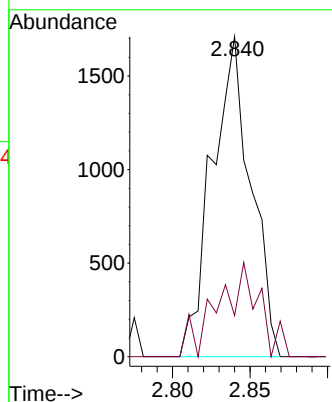
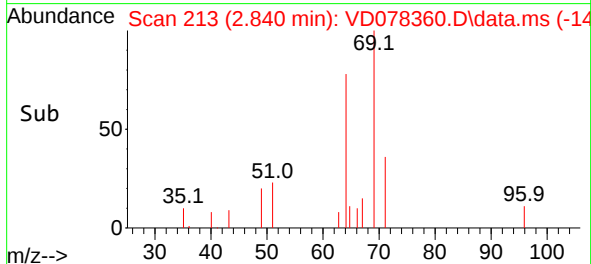


#8
Chloroethane
Concen: 0.694 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :

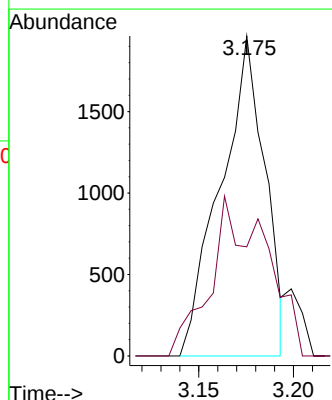
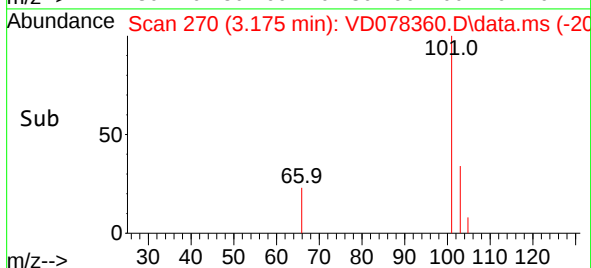
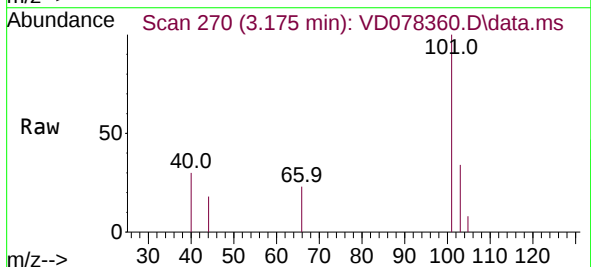


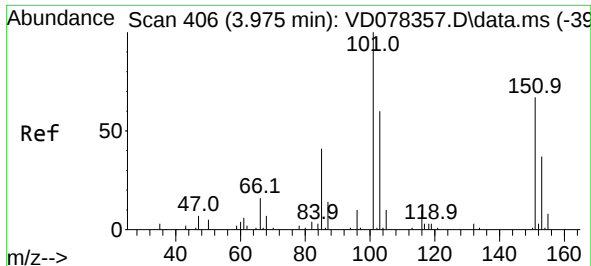
Tgt Ion: 64 Resp: 2994
Ion Ratio Lower Upper
64 100
66 12.8 22.8 42.4#



#9
Trichlorofluoromethane
Concen: 0.664 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Tgt Ion: 101 Resp: 3197
Ion Ratio Lower Upper
101 100
103 24.7 51.1 76.7#

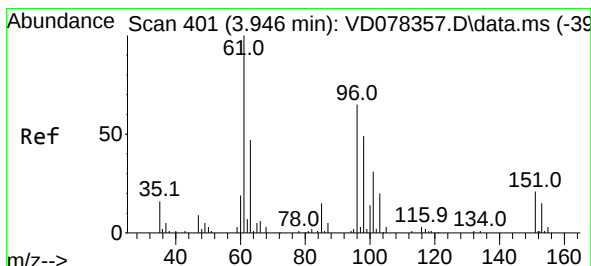
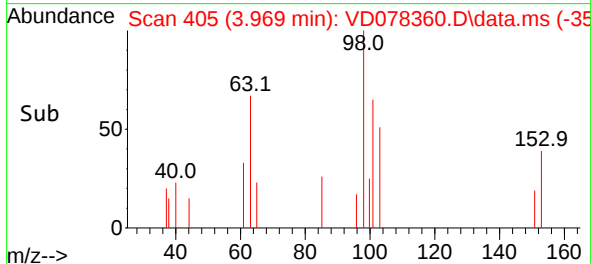
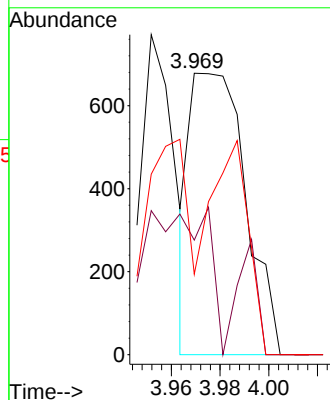
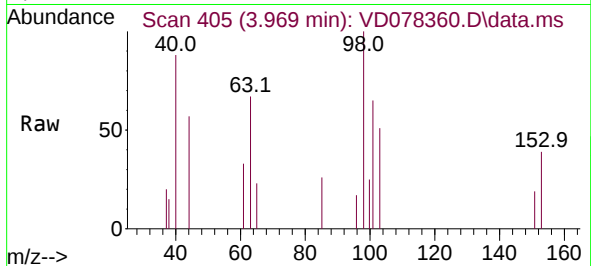




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.360 ug/L
 RT: 3.969 min Scan# 406
 Delta R.T. -0.006 min
 Lab File: VD078360.D
 Acq: 07 Feb 2024 14:21

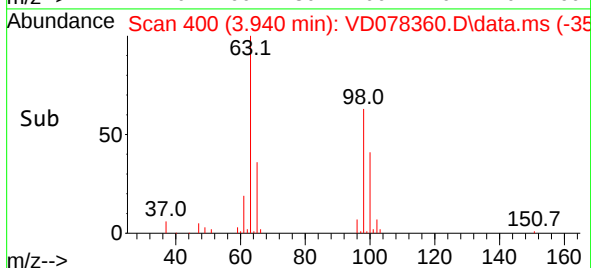
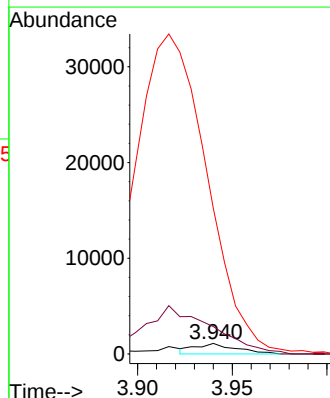
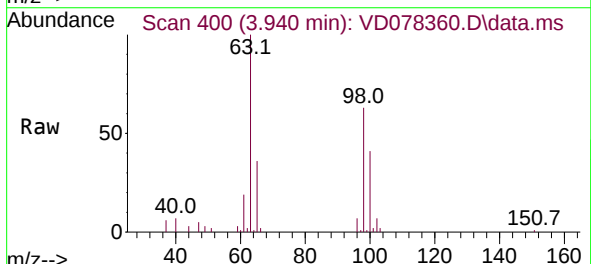
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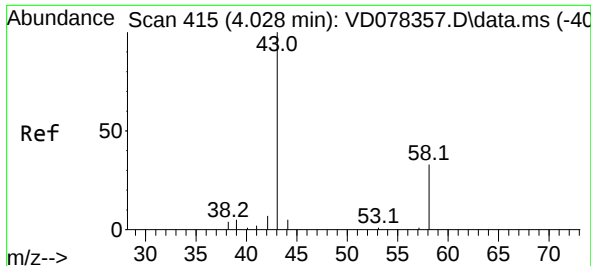
Tgt Ion:101 Resp: 1080
 Ion Ratio Lower Upper
 101 100
 85 11.6 34.6 51.8#
 151 65.3 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 0.599 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
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Tgt Ion: 96 Resp: 1661
 Ion Ratio Lower Upper
 96 100
 61 260.3 108.8 202.2#
 63 1384.0 65.2 121.0#

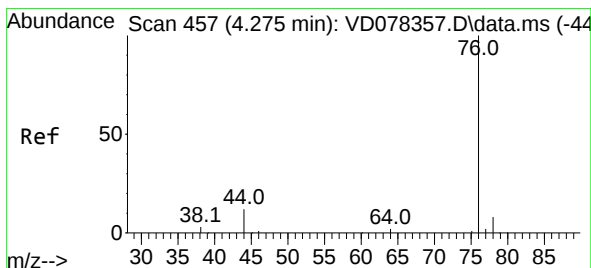
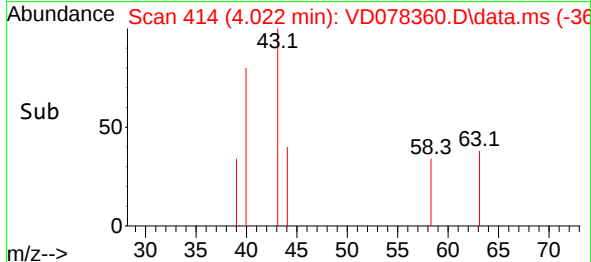
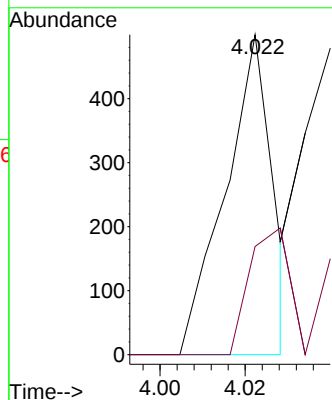
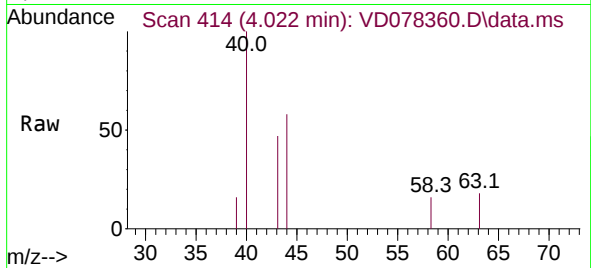




#13
Acetone
Concen: 0.371 ug/L
RT: 4.022 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

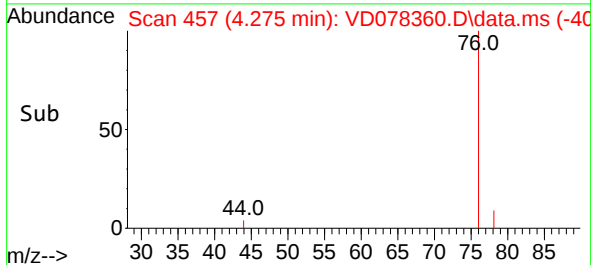
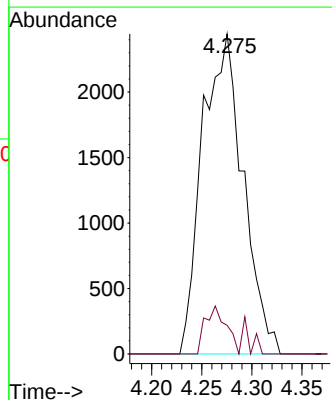
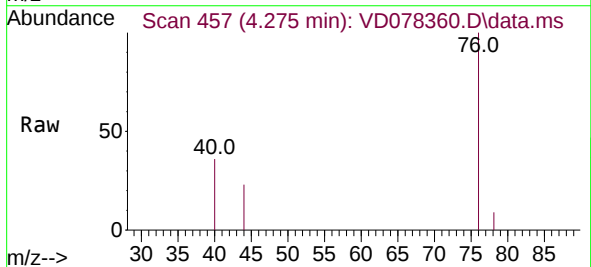
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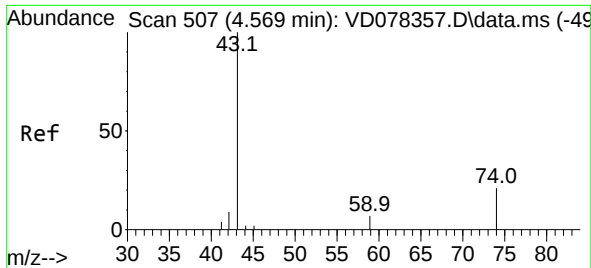
Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
58 33.4 0.0 67.2



#14
Carbon disulfide
Concen: 0.676 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 6911
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

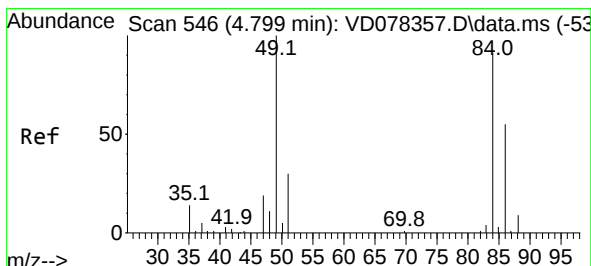
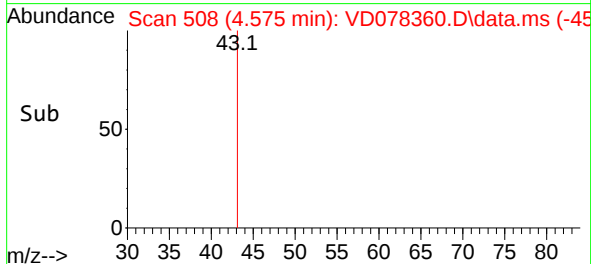
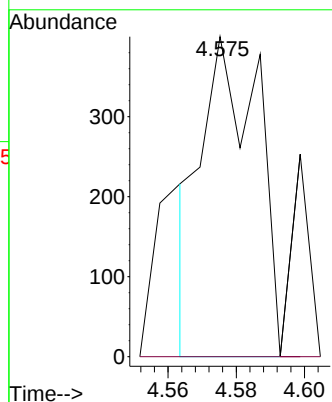
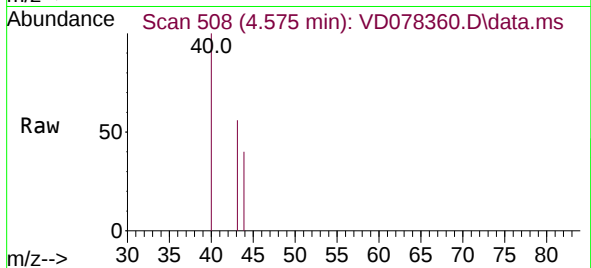




#15
Methyl Acetate
Concen: 0.286 ug/L
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

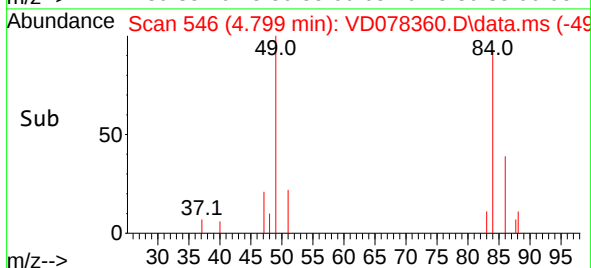
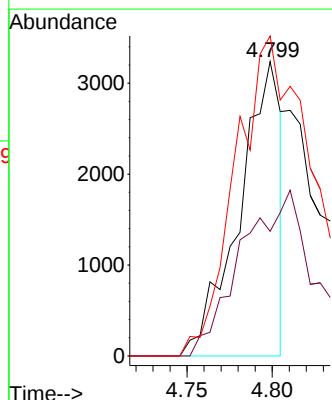
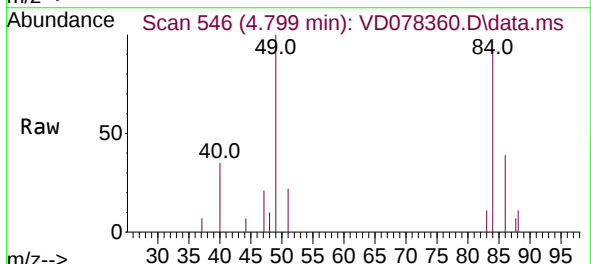
Instrument :
MSVOA_D
ClientSampleId :

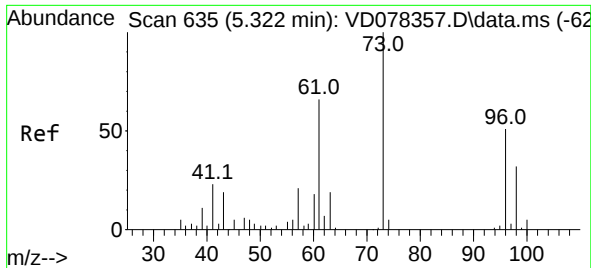
Tgt Ion: 43 Resp: 450
Ion Ratio Lower Upper
43 100
74 0.0 12.7 19.1#



#16
Methylene chloride
Concen: 1.480 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Tgt Ion: 84 Resp: 5548
Ion Ratio Lower Upper
84 100
86 42.3 45.4 84.2#
49 108.7 77.3 143.7

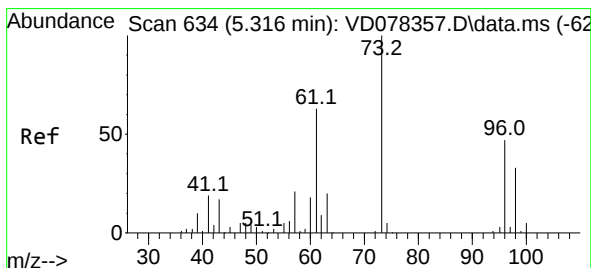
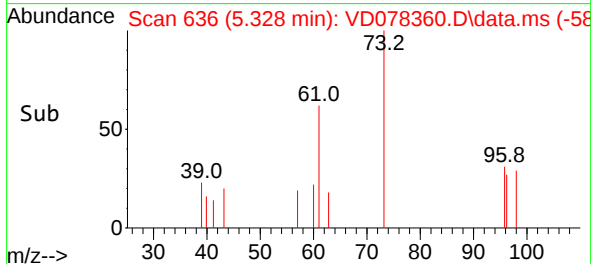
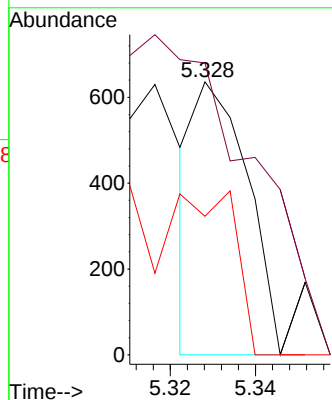
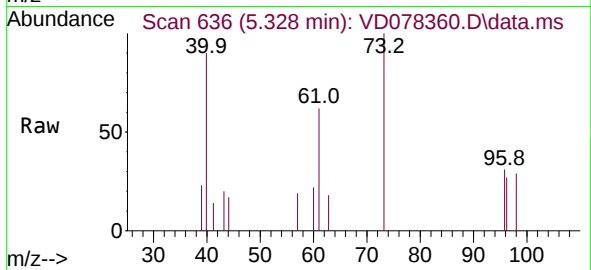




#17
trans-1,2-Dichloroethene
Concen: 0.179 ug/L
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

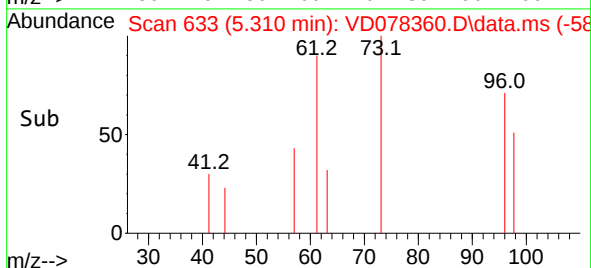
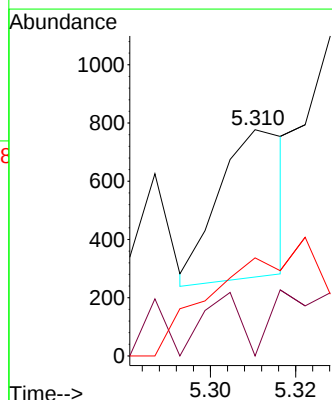
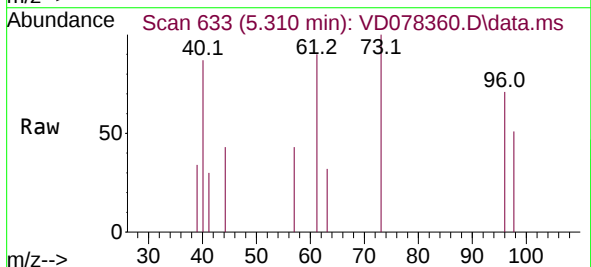
Instrument :
MSVOA_D
ClientSampleId :

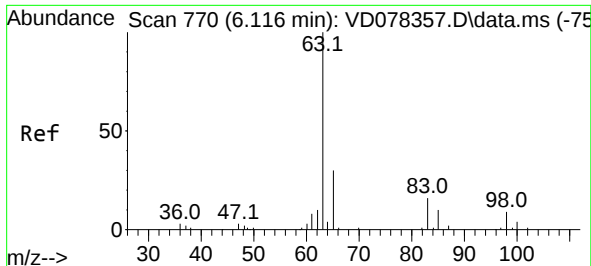
Tgt Ion: 96 Resp: 548
Ion Ratio Lower Upper
96 100
61 106.9 82.7 153.7
98 50.8 40.7 75.7



#18
Methyl tert-butyl Ether
Concen: 0.079 ug/L
RT: 5.310 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

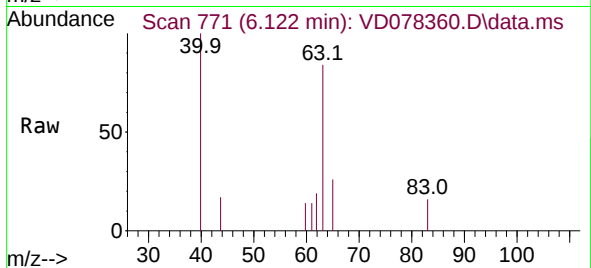
Tgt Ion: 73 Resp: 563
Ion Ratio Lower Upper
73 100
43 25.0 13.3 19.9#
57 78.3 17.2 25.8#



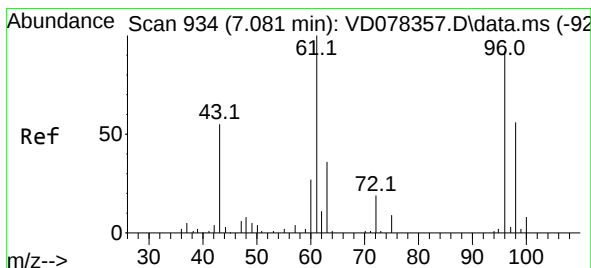
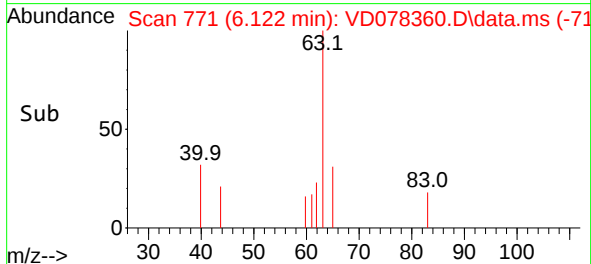
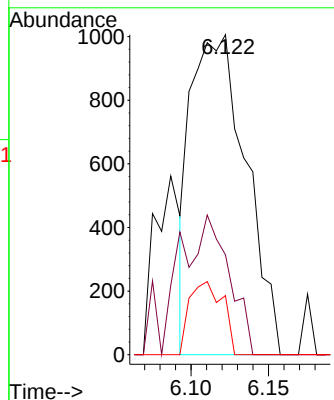


#19
1,1-Dichloroethane
Concen: 0.464 ug/L
RT: 6.122 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :

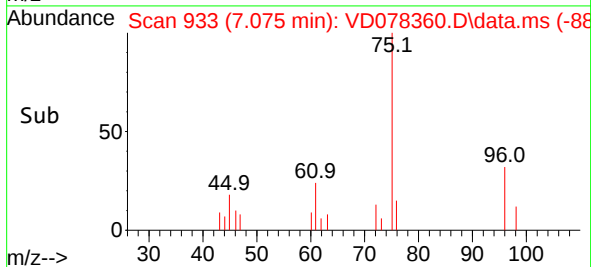
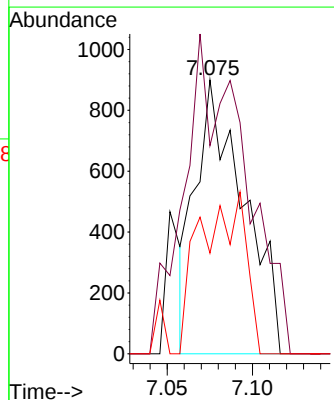
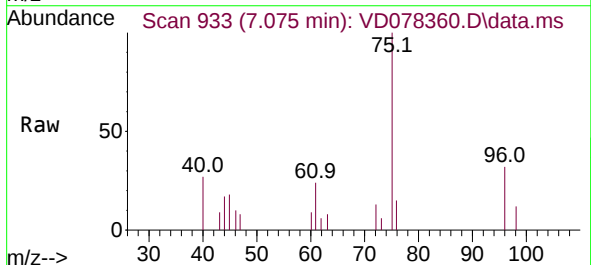


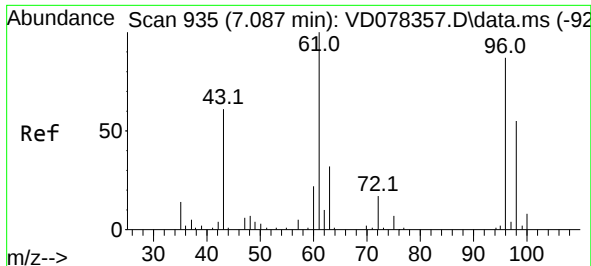
Tgt Ion: 63 Resp: 2484
Ion Ratio Lower Upper
63 100
65 31.2 21.8 40.4
83 18.5 10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 0.527 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Tgt Ion: 96 Resp: 1765
Ion Ratio Lower Upper
96 100
61 76.0 75.6 140.4
98 36.8 43.1 80.1#

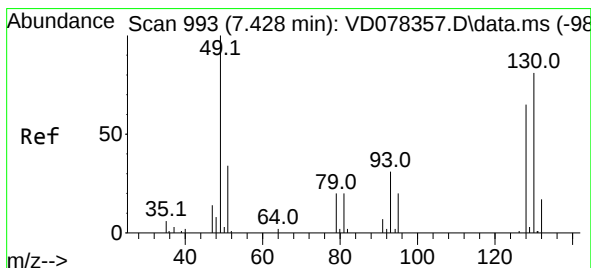
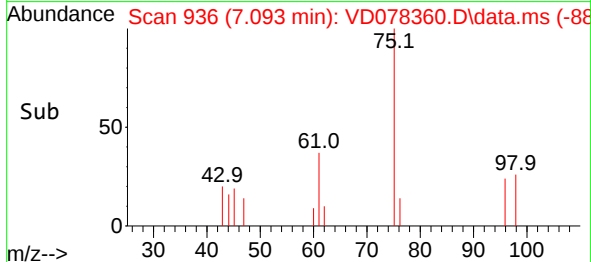
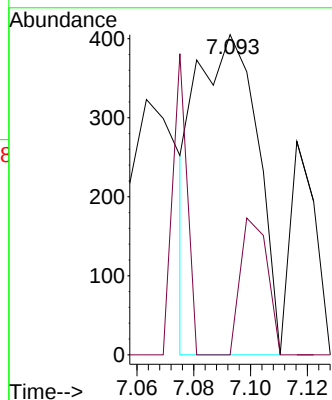
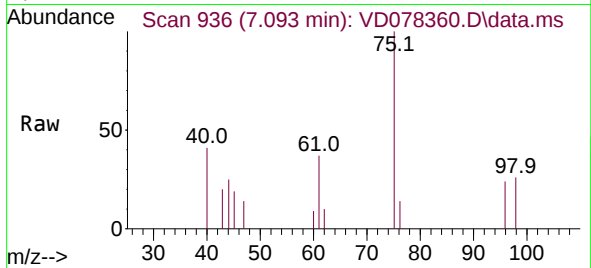




#22
2-Butanone
Concen: 0.475 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

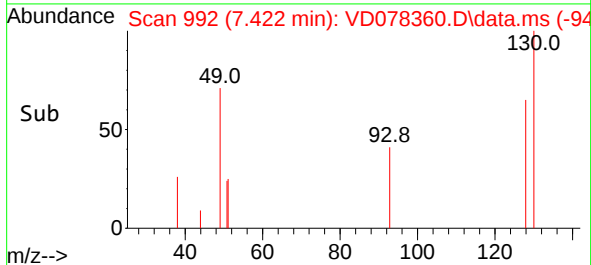
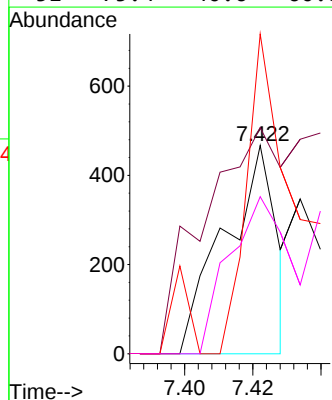
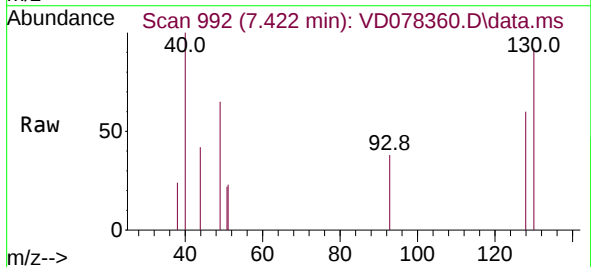
Instrument :
MSVOA_D
ClientSampleId :

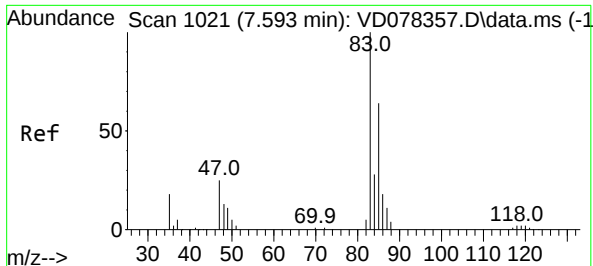
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
72 18.9 15.4 46.2



#23
Bromochloromethane
Concen: 0.336 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Tgt Ion: 128 Resp: 498
Ion Ratio Lower Upper
128 100
49 108.6 102.7 190.7
130 153.5 82.6 153.4#
51 75.4 40.6 60.8#





#25

Chloroform

Concen: 2.901 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Instrument :

MSVOA_D

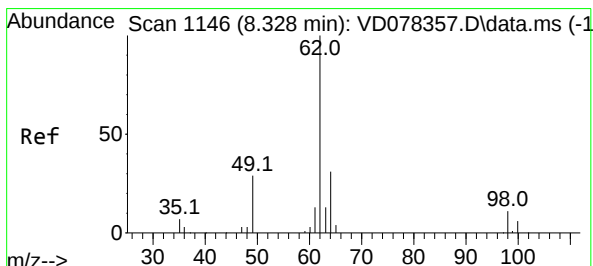
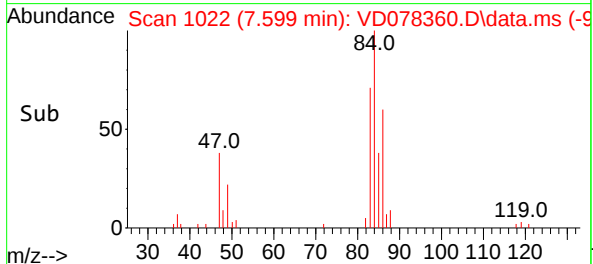
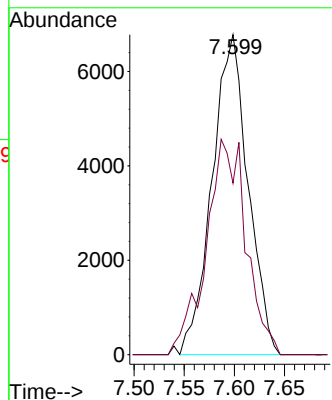
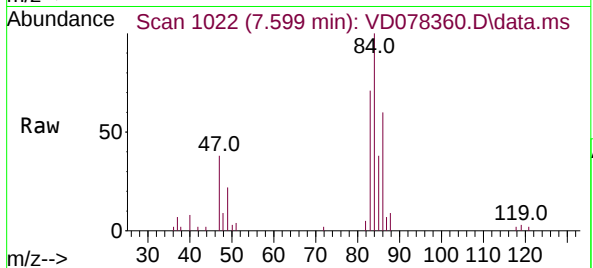
ClientSampleId :

Tgt Ion: 83 Resp: 16938

Ion Ratio Lower Upper

83 100

85 53.6 44.9 83.3



#27

1,2-Dichloroethane

Concen: 0.643 ug/L

RT: 8.340 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VD078360.D

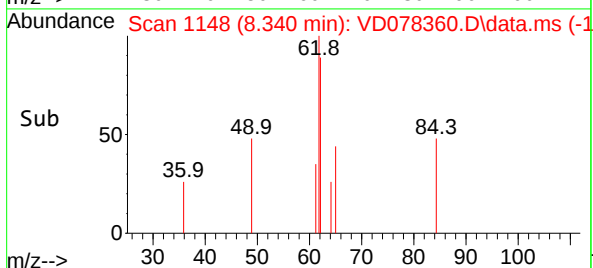
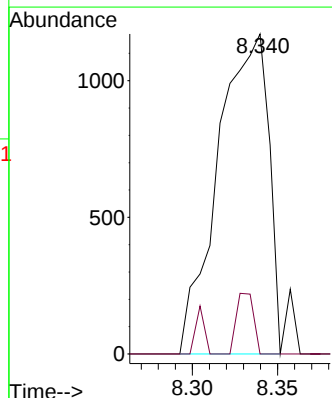
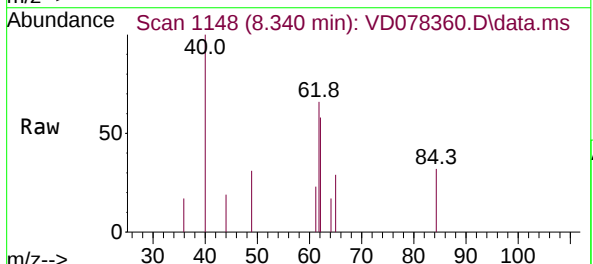
Acq: 07 Feb 2024 14:21

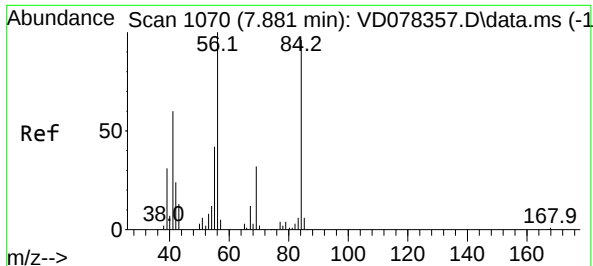
Tgt Ion: 62 Resp: 2412

Ion Ratio Lower Upper

62 100

98 0.0 9.5 14.3#





#29

Cyclohexane

Concen: 0.252 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

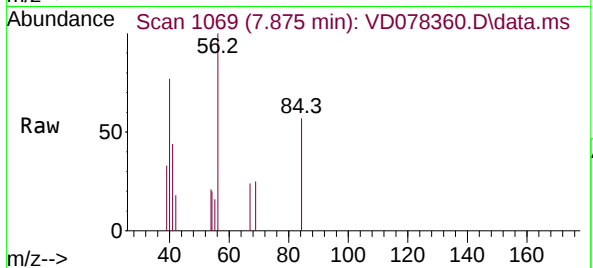
Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :



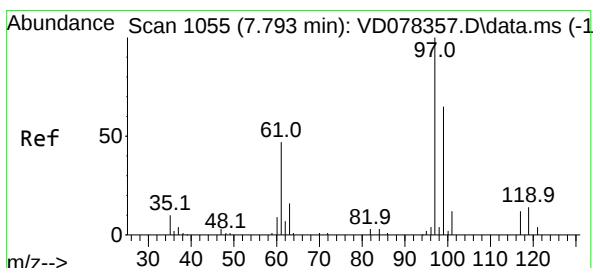
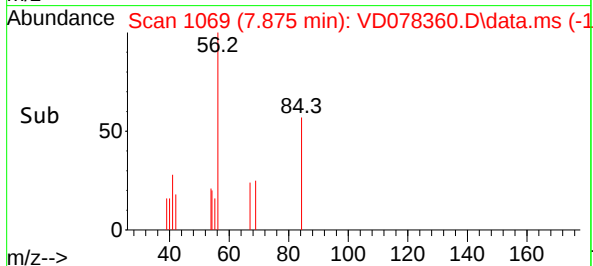
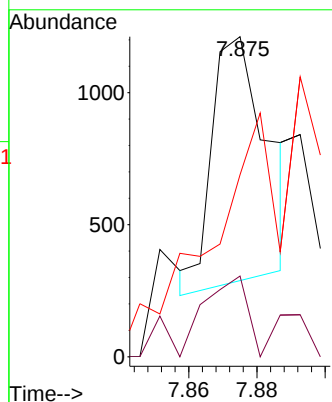
Tgt Ion: 56 Resp: 1044

Ion Ratio Lower Upper

56 100

69 25.6 23.3 34.9

84 82.4 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 0.598 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

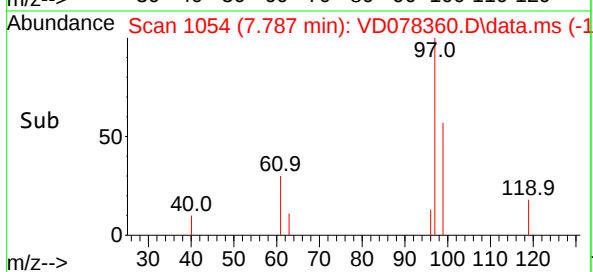
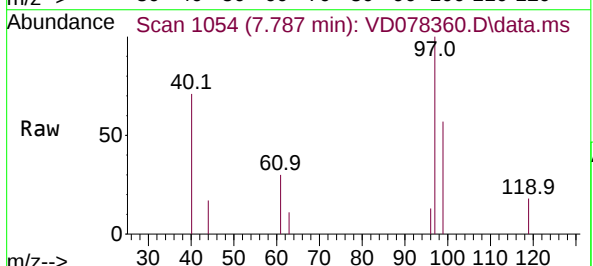
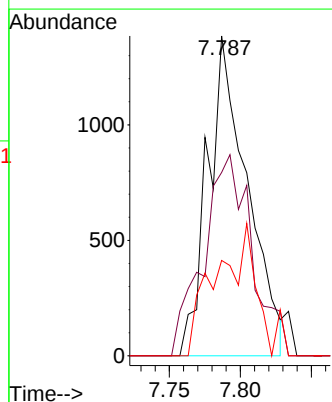
Tgt Ion: 97 Resp: 2689

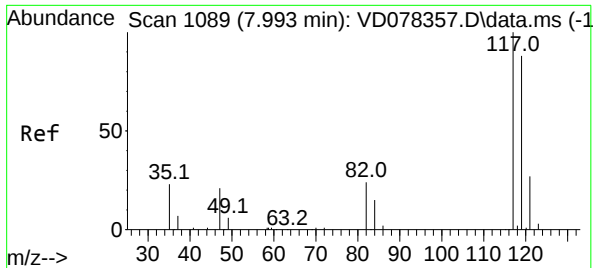
Ion Ratio Lower Upper

97 100

99 44.1 50.7 76.1#

61 14.6 34.4 51.6#

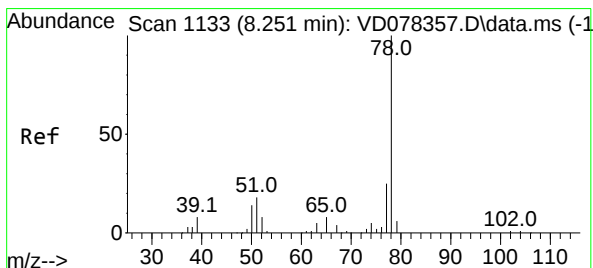
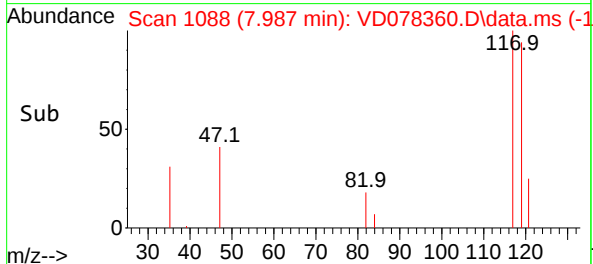
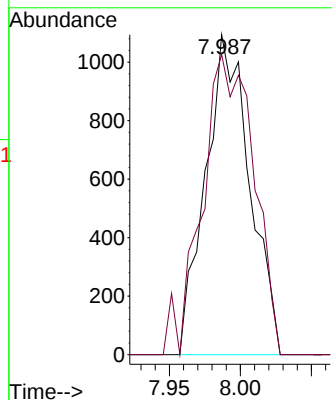
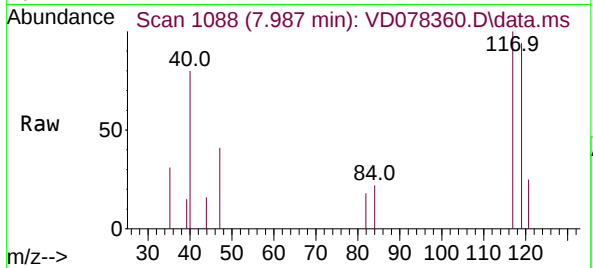




#31
Carbon tetrachloride
Concen: 0.596 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

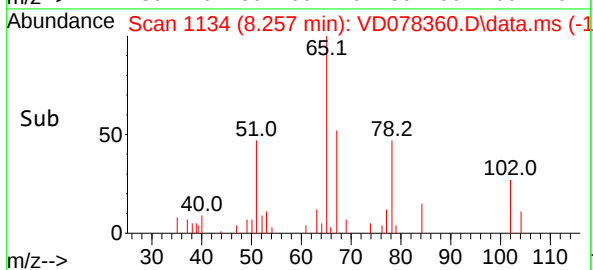
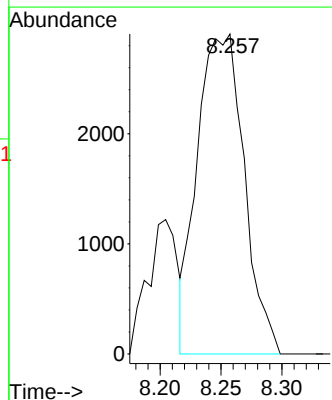
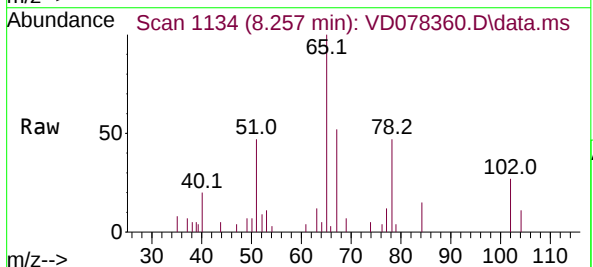
Instrument :
MSVOA_D
ClientSampleId :

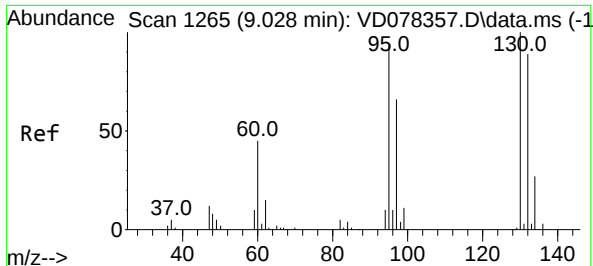
Tgt Ion:117 Resp: 2364
Ion Ratio Lower Upper
117 100
119 61.3 77.0 115.4#



#33
Benzene
Concen: 0.627 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Tgt Ion: 78 Resp: 7756





#34

Trichloroethene

Concen: 0.604 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 1886

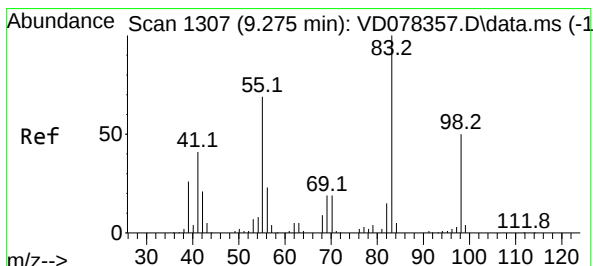
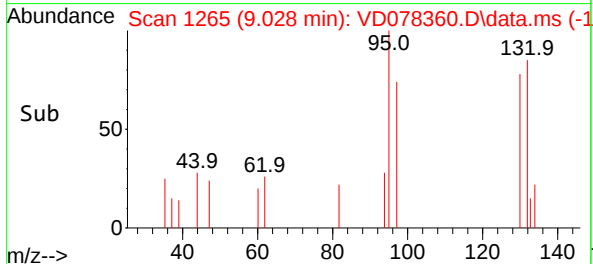
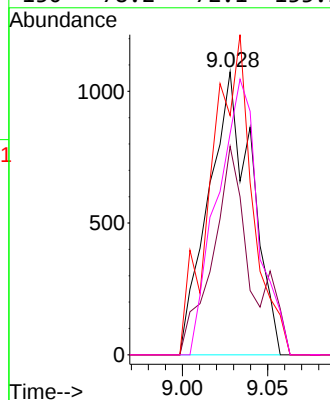
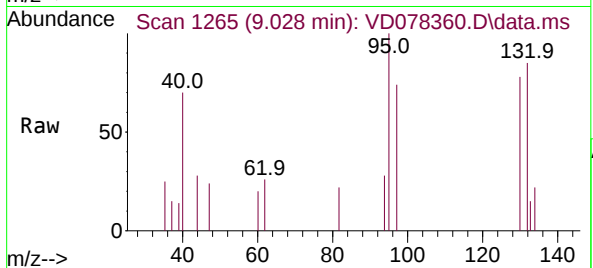
Ion Ratio Lower Upper

95 100

97 73.6 46.9 87.1

132 99.3 73.7 136.9

130 78.2 72.1 133.9



#35

Methylcyclohexane

Concen: 0.582 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

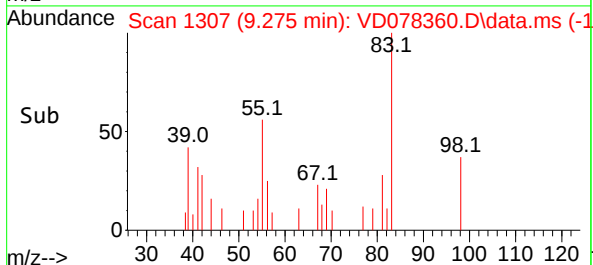
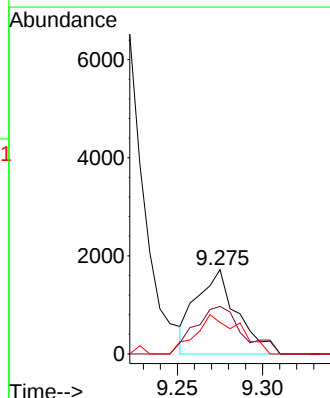
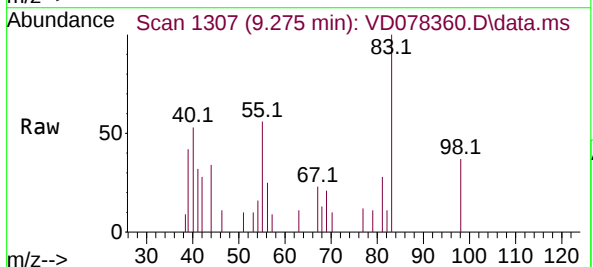
Tgt Ion: 83 Resp: 2846

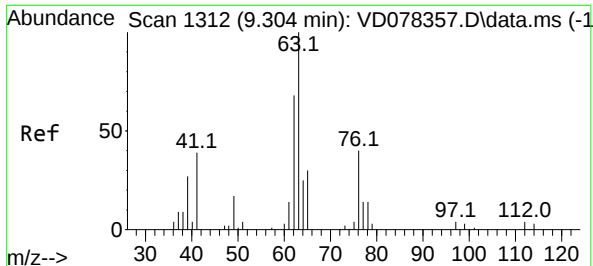
Ion Ratio Lower Upper

83 100

55 59.0 56.2 84.4

98 36.8 41.2 61.8#





#37

1,2-Dichloropropane

Concen: 0.395 ug/L

RT: 9.299 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Instrument :

MSVOA_D

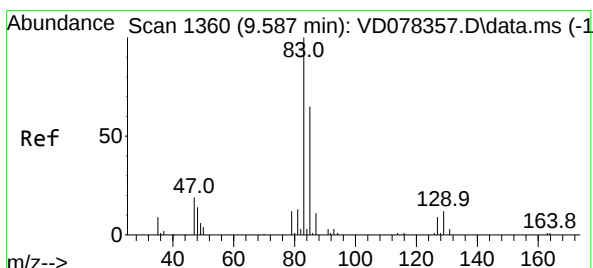
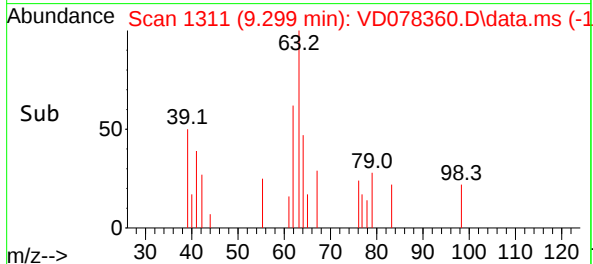
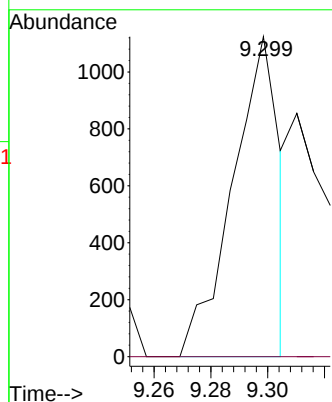
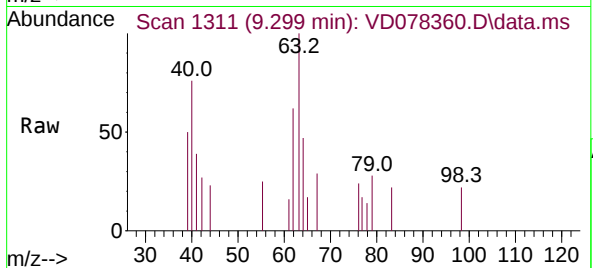
ClientSampleId :

Tgt Ion: 63 Resp: 1288

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.638 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

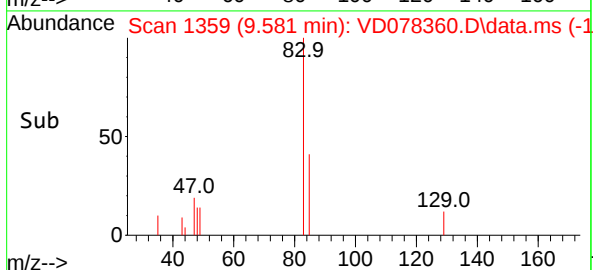
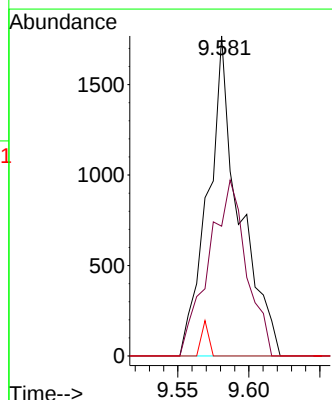
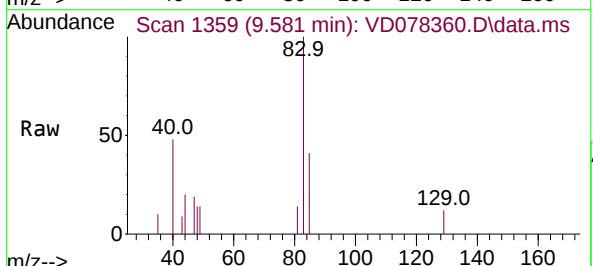
Tgt Ion: 83 Resp: 2711

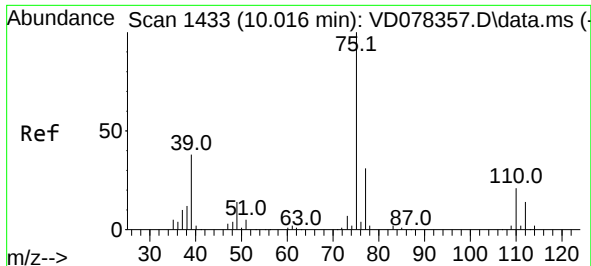
Ion Ratio Lower Upper

83 100

85 40.5 46.6 86.6#

127 0.0 8.1 12.1#





#39

cis-1,3-Dichloropropene

Concen: 0.533 ug/L

RT: 10.022 min Scan# 1434

Delta R.T. 0.006 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Instrument :

MSVOA_D

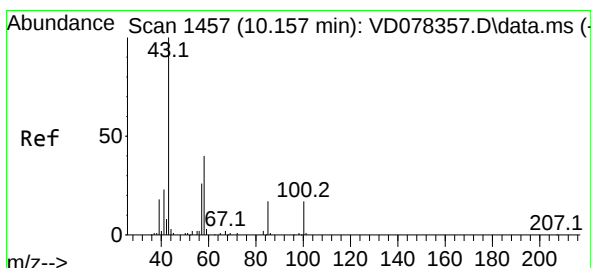
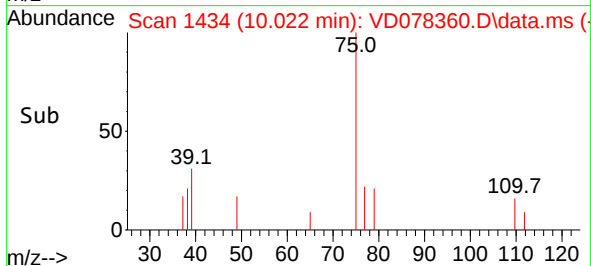
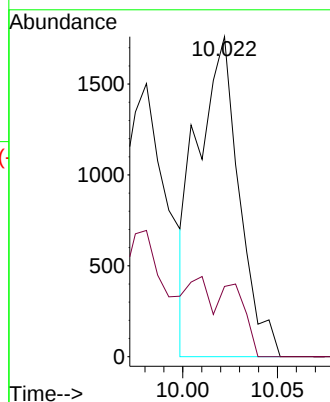
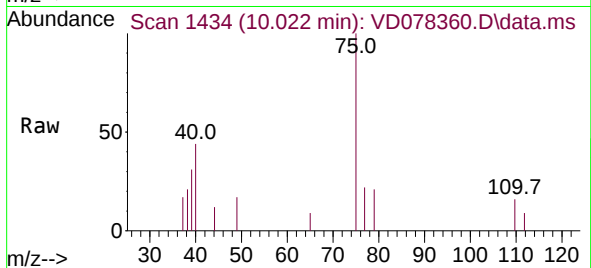
ClientSampleId :

Tgt Ion: 75 Resp: 2703

Ion Ratio Lower Upper

75 100

77 21.9 22.3 41.5#



#40

4-Methyl-2-pentanone

Concen: 0.869 ug/L

RT: 10.151 min Scan# 1456

Delta R.T. -0.006 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

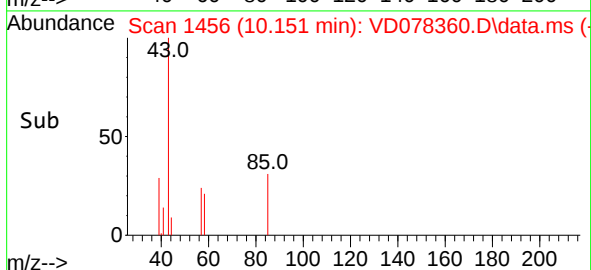
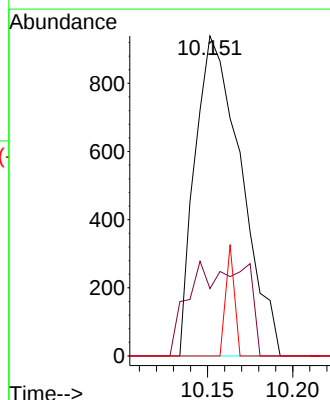
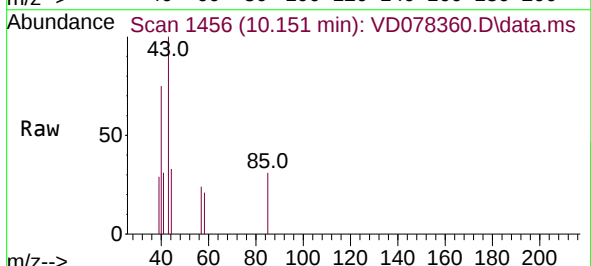
Tgt Ion: 43 Resp: 1759

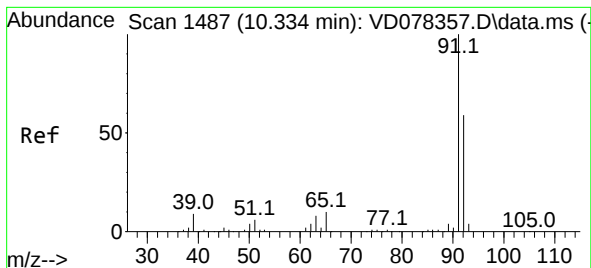
Ion Ratio Lower Upper

43 100

58 9.7 34.0 51.0#

100 0.0 13.2 19.8#





#42

Toluene

Concen: 0.633 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Instrument :

MSVOA_D

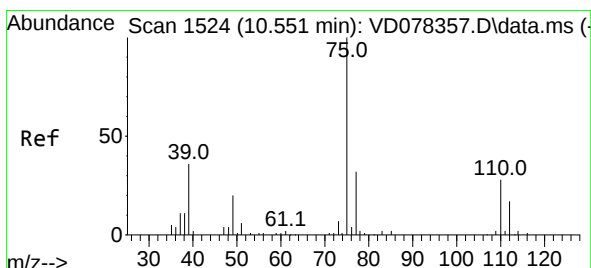
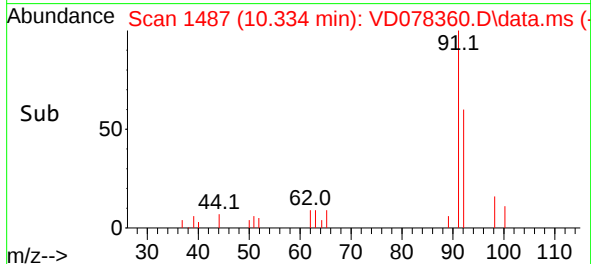
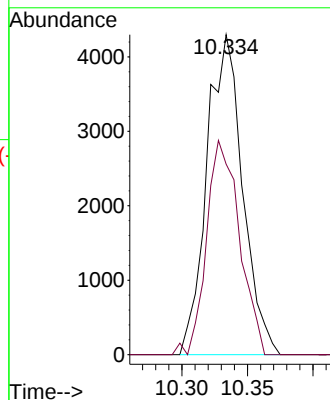
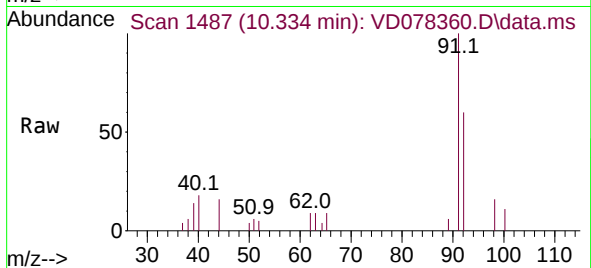
ClientSampleId :

Tgt Ion: 91 Resp: 8151

Ion Ratio Lower Upper

91 100

92 59.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 0.331 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.023 min

Lab File: VD078360.D

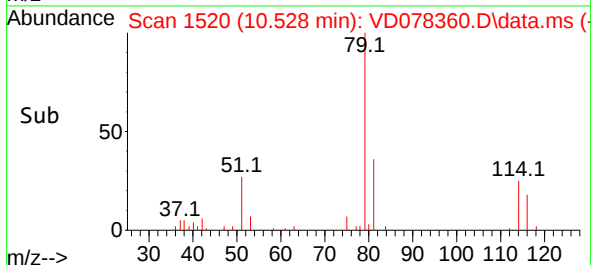
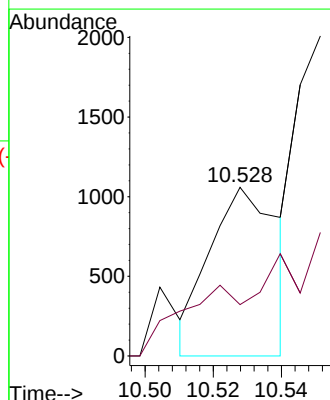
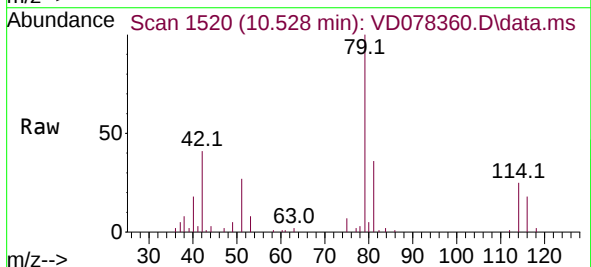
Acq: 07 Feb 2024 14:21

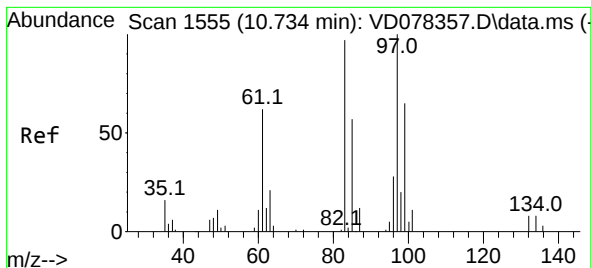
Tgt Ion: 75 Resp: 1467

Ion Ratio Lower Upper

75 100

77 30.5 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 0.591 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

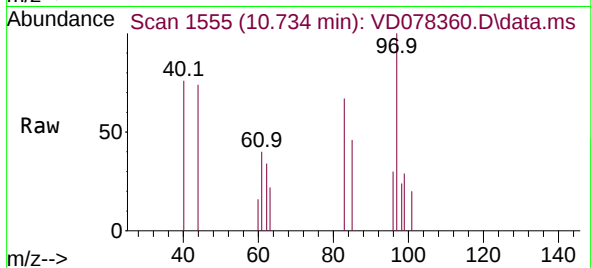
Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 1536

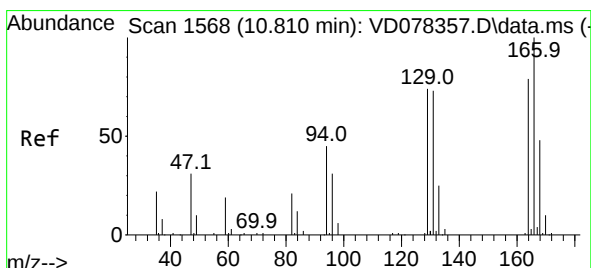
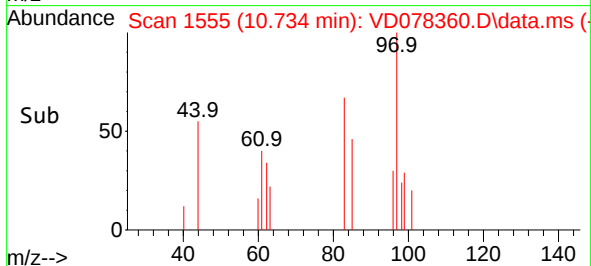
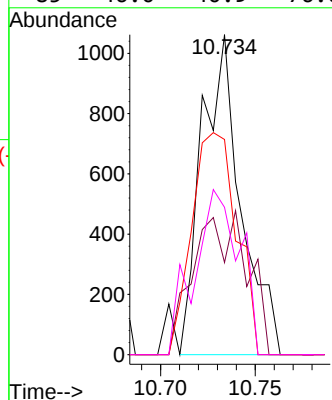
Ion Ratio Lower Upper

97 100

99 28.8 45.4 84.4#

83 67.2 59.5 110.5

85 46.0 40.9 76.0



#46

Tetrachloroethene

Concen: 0.709 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Tgt Ion: 164 Resp: 1520

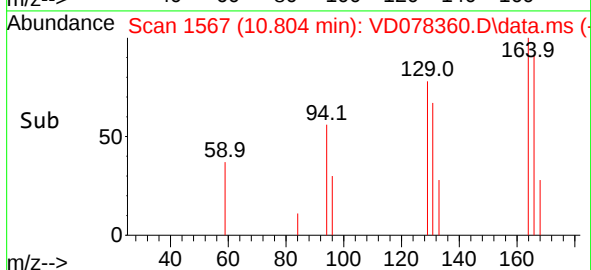
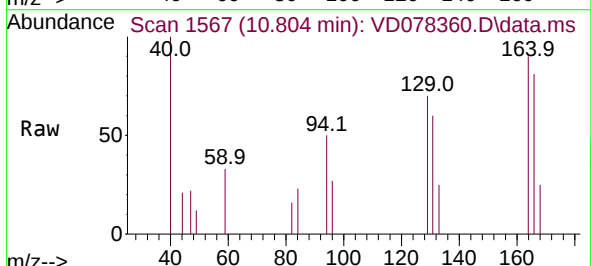
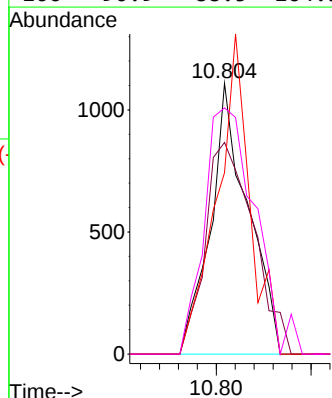
Ion Ratio Lower Upper

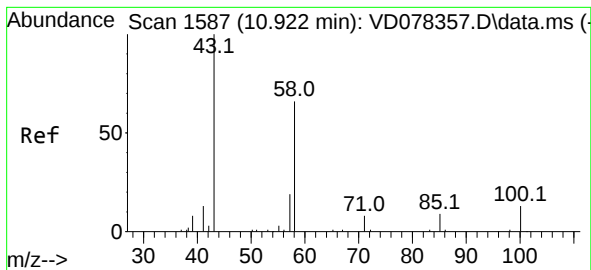
164 100

129 78.2 66.7 123.9

131 67.0 65.2 121.0

166 90.9 88.5 164.3





#48

2-Hexanone

Concen: 0.849 ug/L

RT: 10.928 min Scan# 1

Delta R.T. 0.006 min

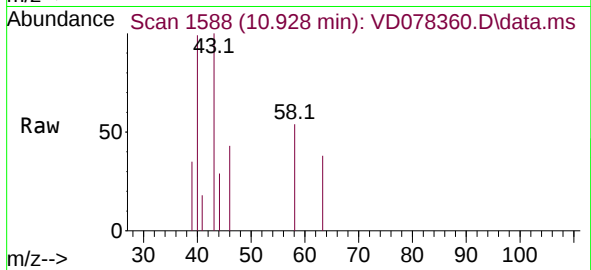
Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 1402

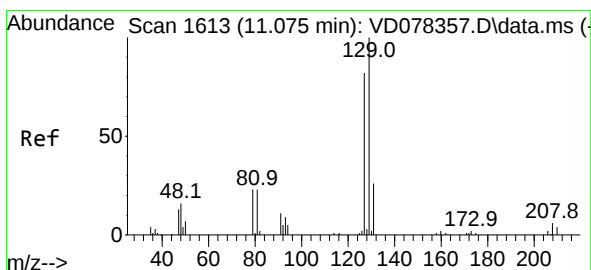
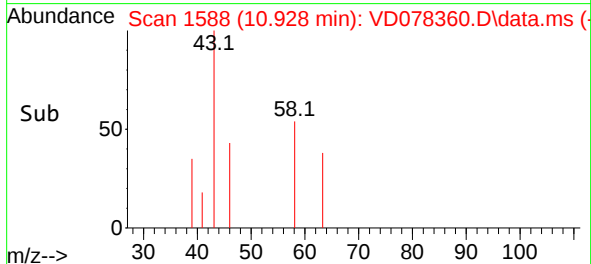
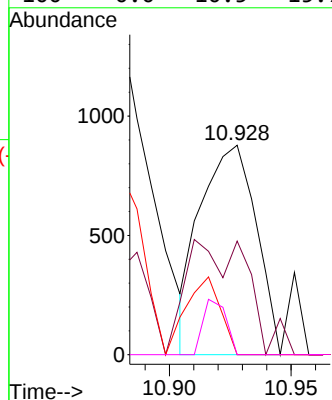
Ion Ratio Lower Upper

43 100

58 20.5 48.5 72.7#

57 0.0 15.6 23.4#

100 0.0 10.5 15.7#



#49

Dibromochloromethane

Concen: 0.509 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD078360.D

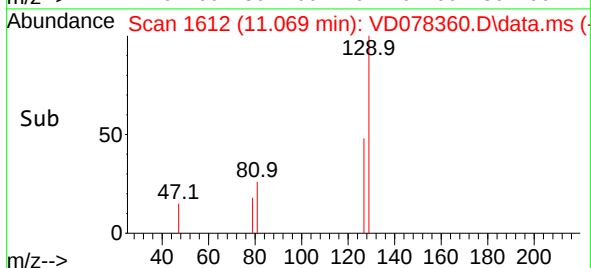
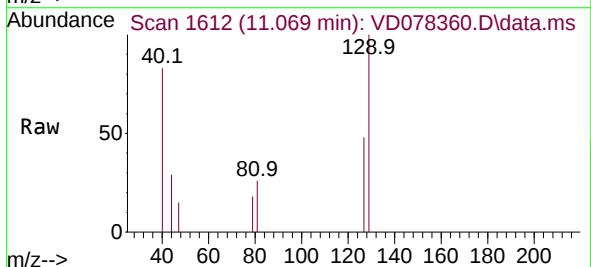
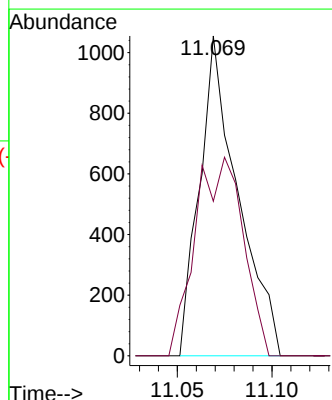
Acq: 07 Feb 2024 14:21

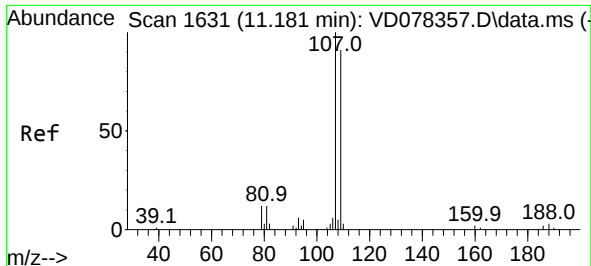
Tgt Ion:129 Resp: 1485

Ion Ratio Lower Upper

129 100

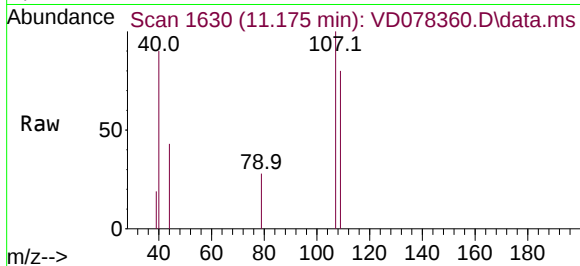
127 48.3 52.7 97.9#



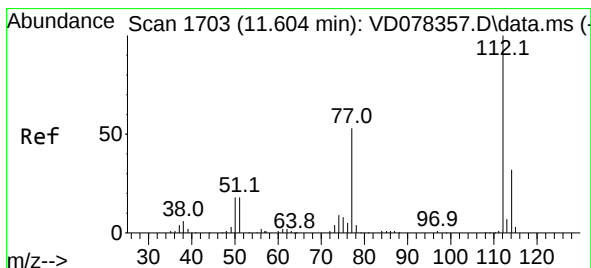
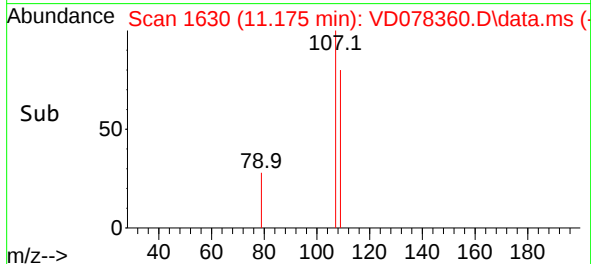
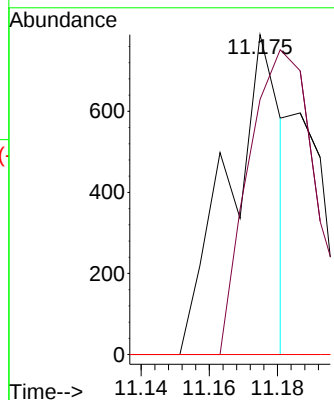


#50
1,2-Dibromoethane
Concen: 0.338 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :

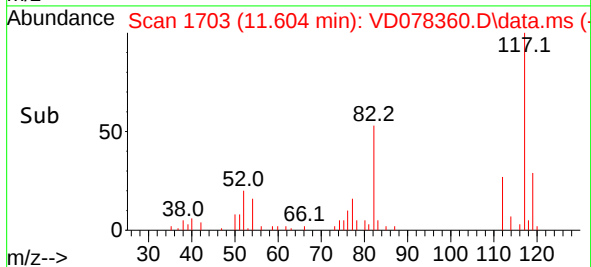
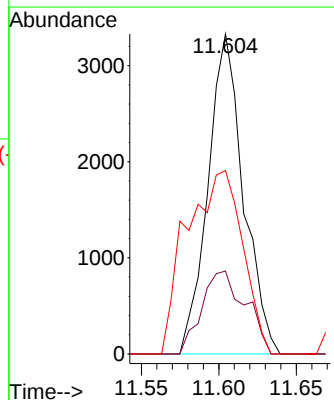
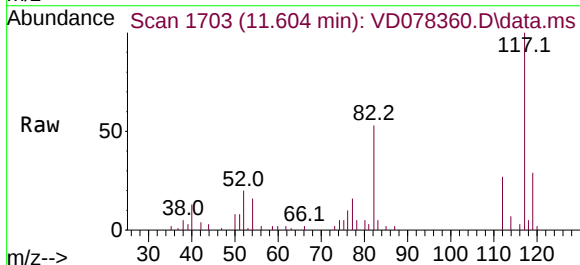


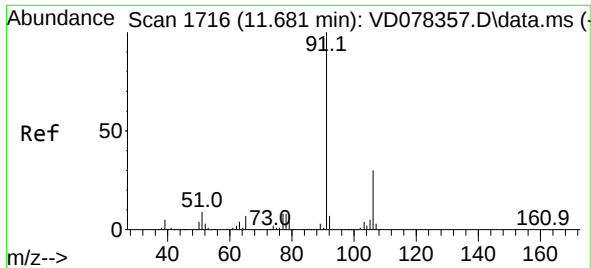
Tgt Ion:107 Resp: 856
Ion Ratio Lower Upper
107 100
109 79.7 64.0 118.8
188 0.0 3.1 4.7#



#51
Chlorobenzene
Concen: 0.635 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Tgt Ion:112 Resp: 5289
Ion Ratio Lower Upper
112 100
114 25.9 22.3 41.3
77 57.3 42.3 63.5

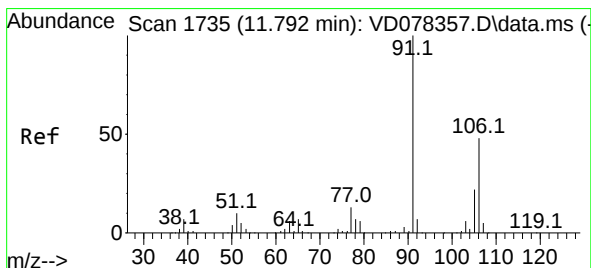
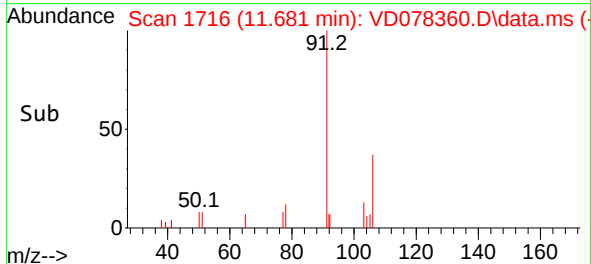
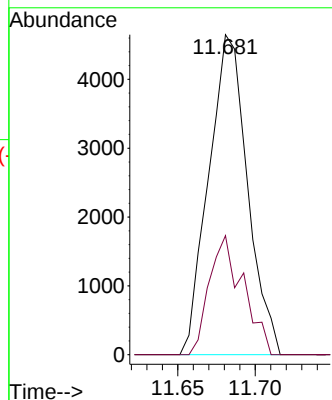
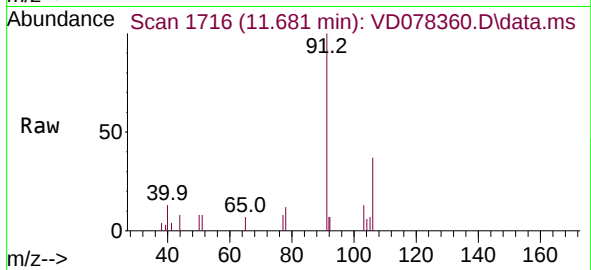




#52
Ethylbenzene
Concen: 0.586 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

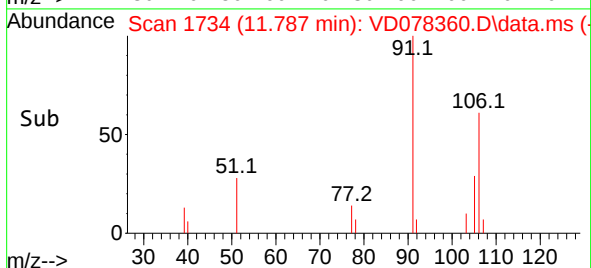
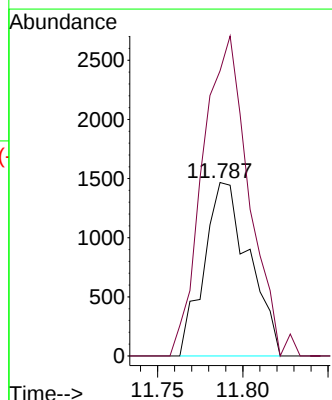
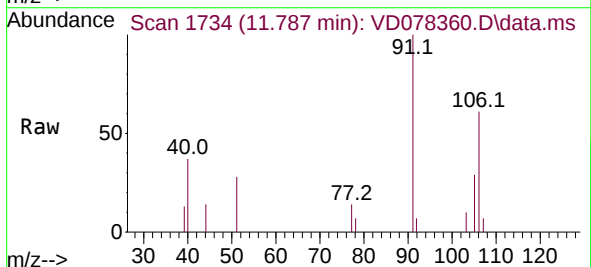
Instrument :
MSVOA_D
ClientSampleId :

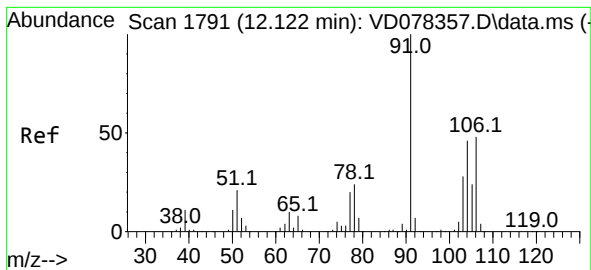
Tgt Ion: 91 Resp: 8095
Ion Ratio Lower Upper
91 100
106 37.2 22.5 41.7



#53
m,p-Xylene
Concen: 0.508 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Tgt Ion:106 Resp: 2699
Ion Ratio Lower Upper
106 100
91 164.3 138.3 256.8





#54

o-Xylene

Concen: 0.527 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Instrument :

MSVOA_D

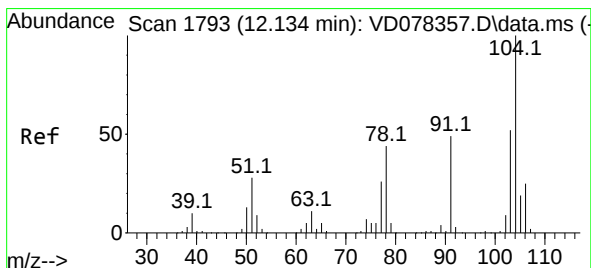
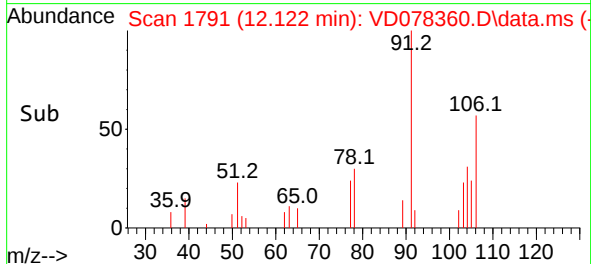
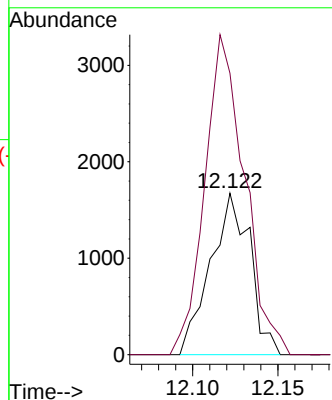
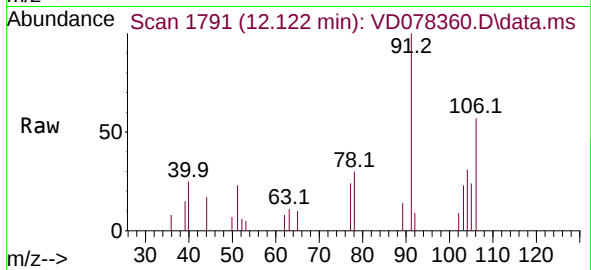
ClientSampleId :

Tgt Ion:106 Resp: 2700

Ion Ratio Lower Upper

106 100

91 174.4 148.0 274.8



#55

Styrene

Concen: 0.402 ug/L

RT: 12.128 min Scan# 1792

Delta R.T. -0.006 min

Lab File: VD078360.D

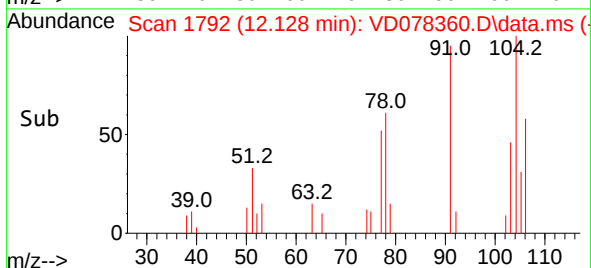
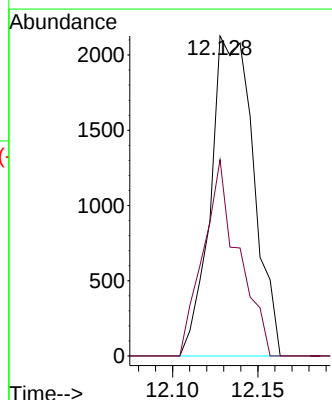
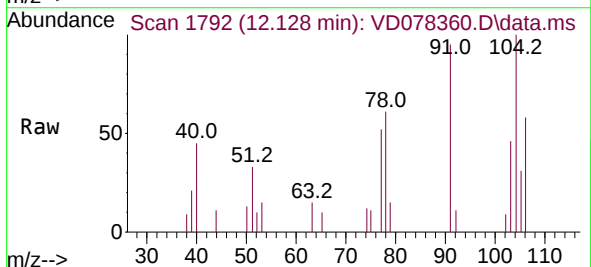
Acq: 07 Feb 2024 14:21

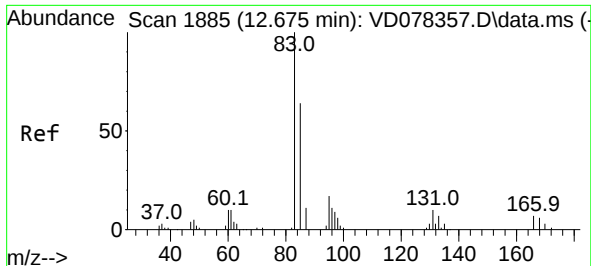
Tgt Ion:104 Resp: 3715

Ion Ratio Lower Upper

104 100

78 61.4 29.5 54.7#





#57

1,1,2-Tetrachloroethane

Concen: 0.555 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

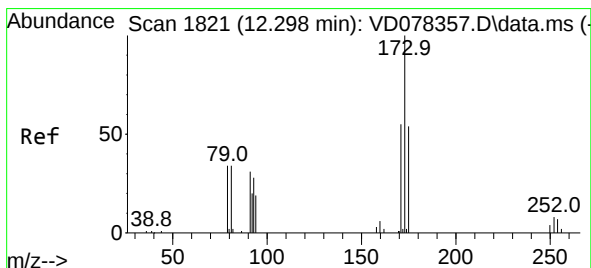
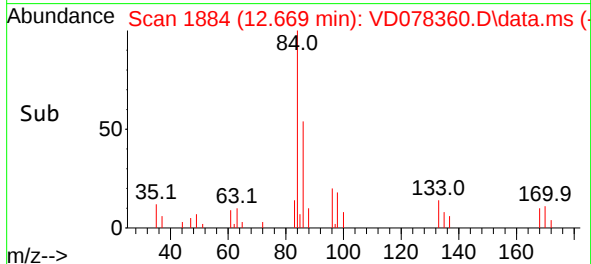
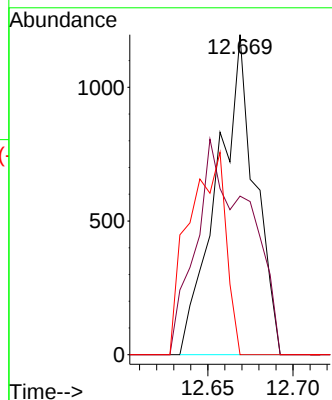
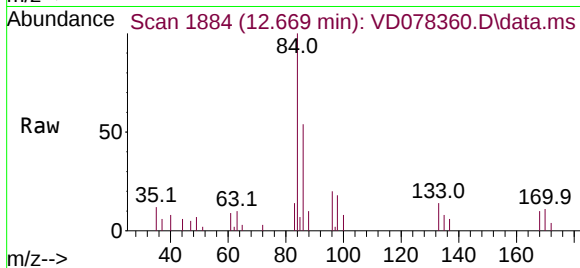
Tgt Ion: 83 Resp: 1848

Ion Ratio Lower Upper

83 100

85 49.5 42.6 79.0

131 0.0 6.0 9.0#



#59

Bromoform

Concen: 0.522 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

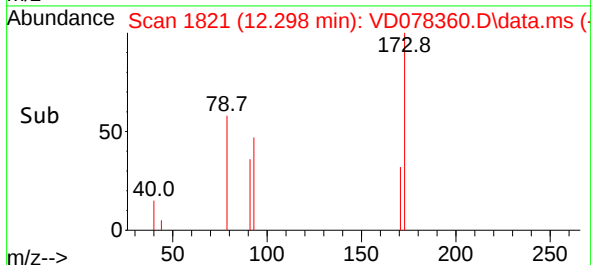
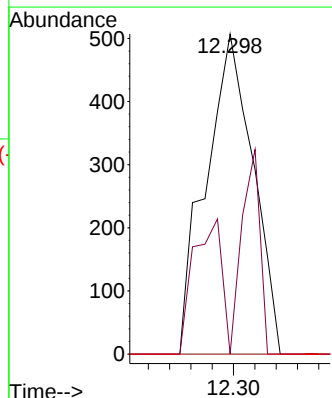
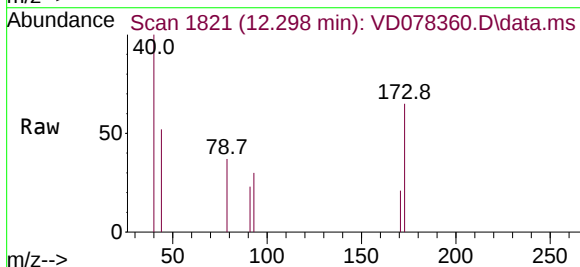
Tgt Ion: 173 Resp: 780

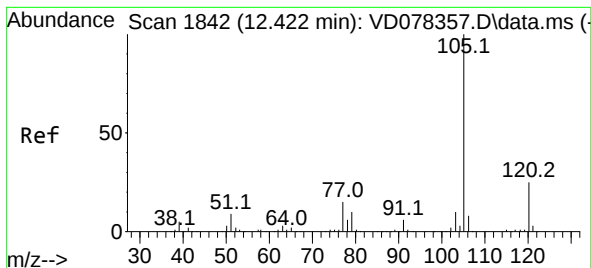
Ion Ratio Lower Upper

173 100

175 25.3 40.2 60.4#

254 0.0 6.6 9.8#





#60

Isopropylbenzene

Concen: 0.579 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD078360.D

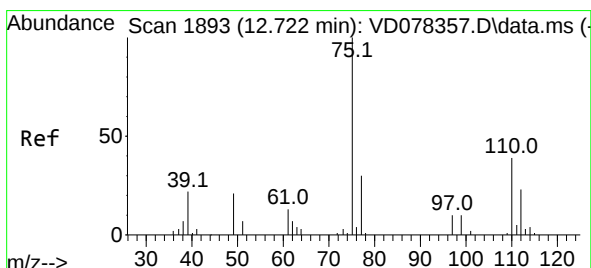
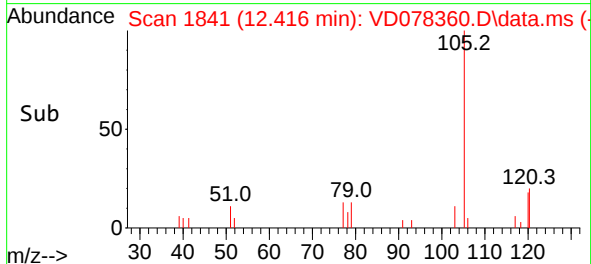
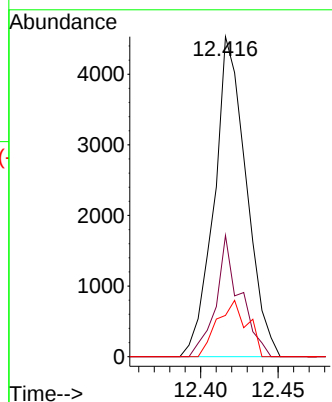
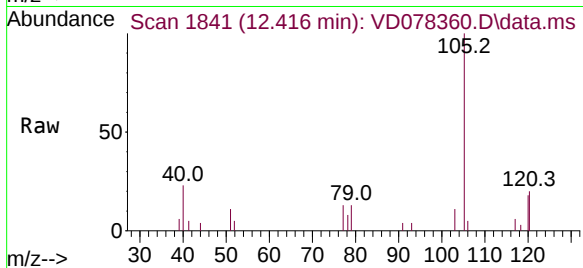
Acq: 07 Feb 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:105	Resp:	6520
Ion	Ratio	Lower Upper
105	100	
120	28.7	20.4 30.6
77	16.6	12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 0.459 ug/L

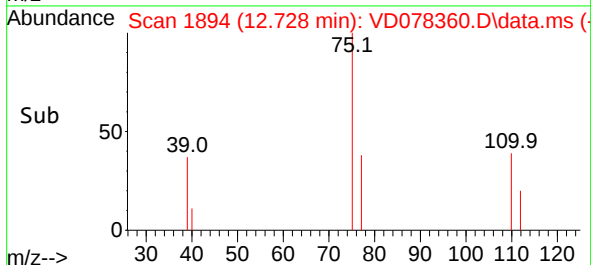
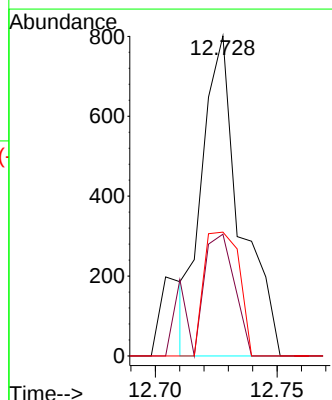
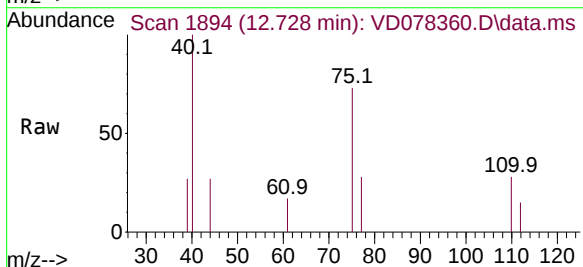
RT: 12.728 min Scan# 1894

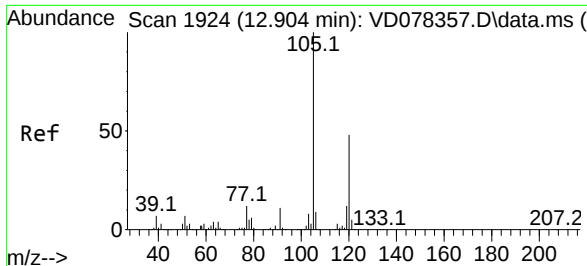
Delta R.T. 0.006 min

Lab File: VD078360.D

Acq: 07 Feb 2024 14:21

Tgt Ion: 75	Resp:	873
Ion	Ratio	Lower Upper
75	100	
77	29.9	26.5 39.7
110	35.7	31.8 47.8

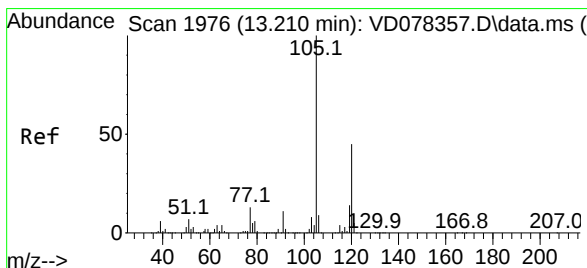
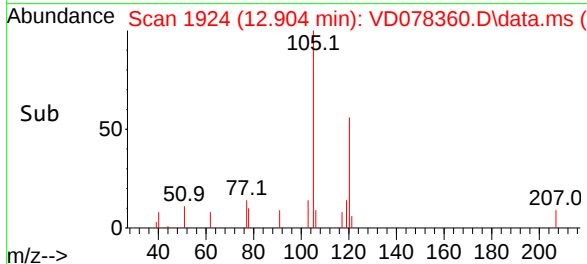
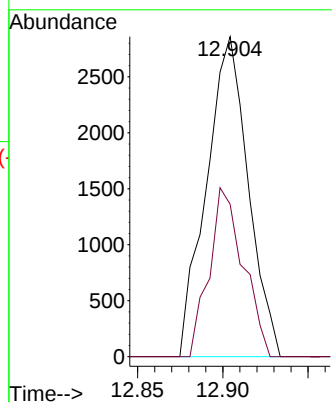
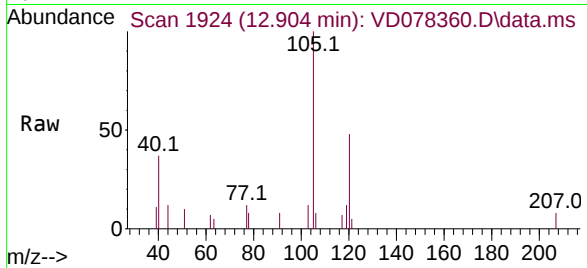




#62
1,3,5-Trimethylbenzene
Concen: 0.553 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

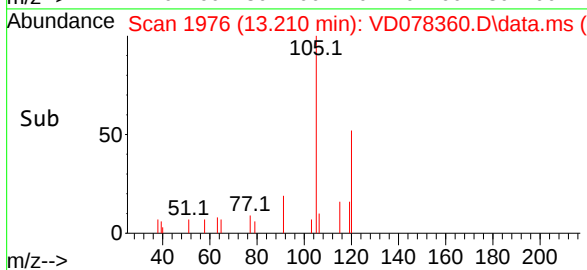
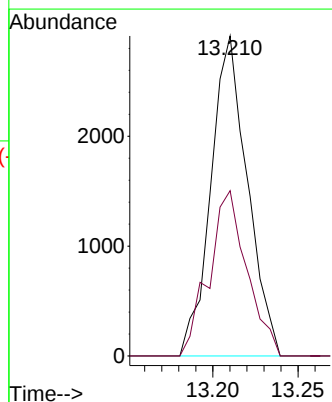
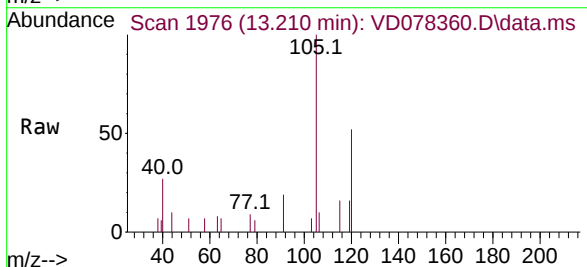
Instrument :
MSVOA_D
ClientSampleId :

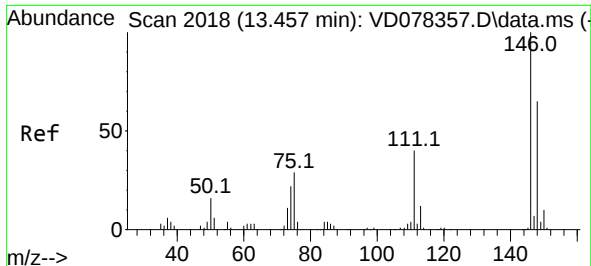
Tgt Ion:105 Resp: 4871
Ion Ratio Lower Upper
105 100
120 43.1 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 0.498 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Tgt Ion:105 Resp: 4344
Ion Ratio Lower Upper
105 100
120 53.6 37.0 55.4

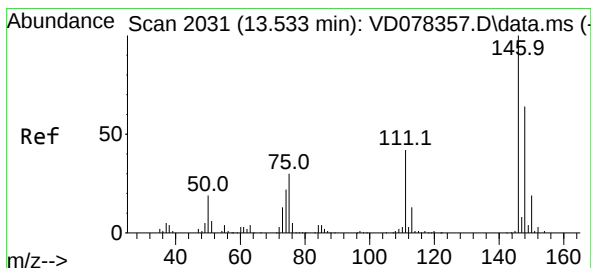
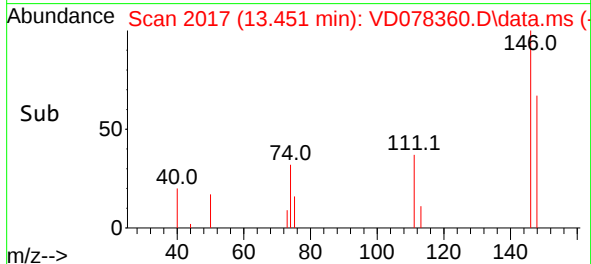
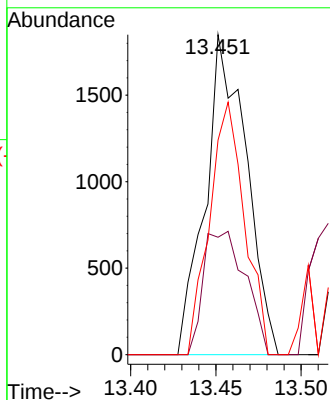
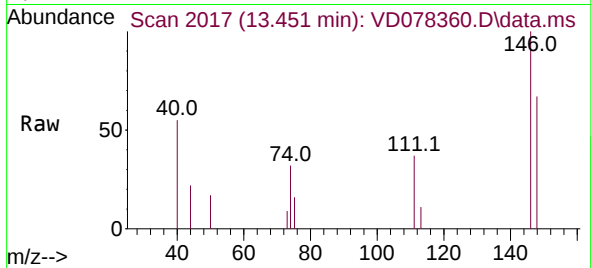




#64
1,3-Dichlorobenzene
Concen: 0.615 ug/L
RT: 13.451 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

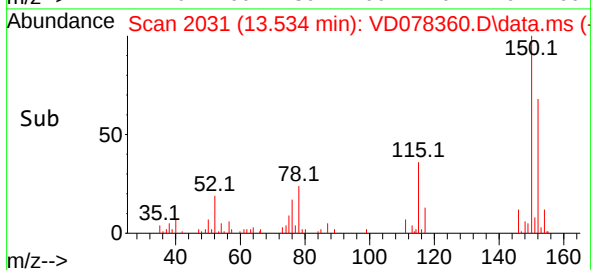
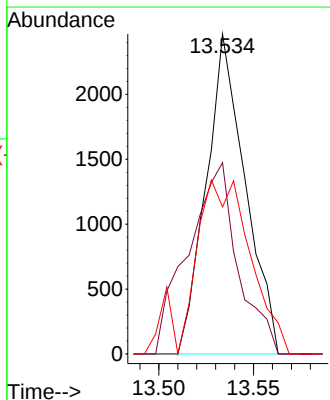
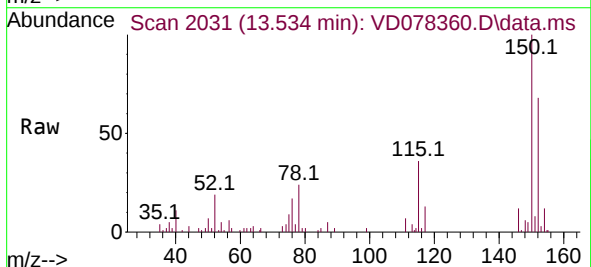
Instrument :
MSVOA_D
ClientSampleId :

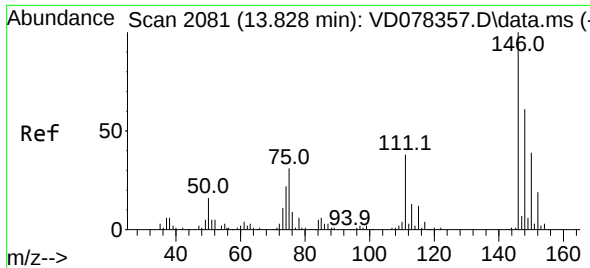
Tgt Ion:146 Resp: 3091
Ion Ratio Lower Upper
146 100
111 36.7 28.6 53.0
148 67.0 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 0.671 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

Tgt Ion:146 Resp: 3531
Ion Ratio Lower Upper
146 100
111 59.8 26.4 49.0#
148 45.9 44.5 82.7

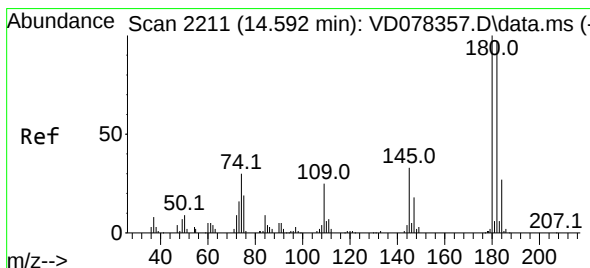
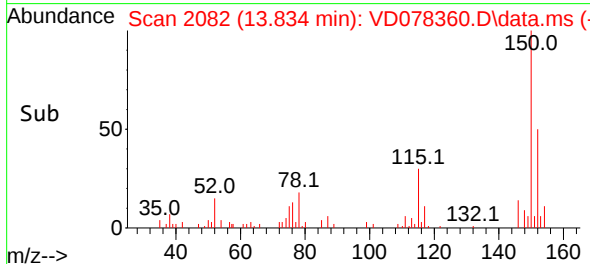
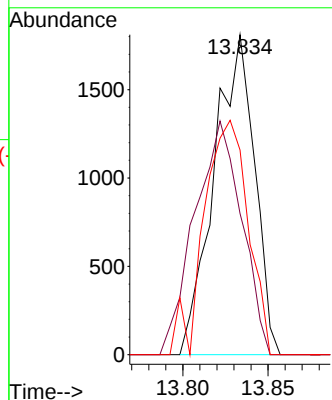
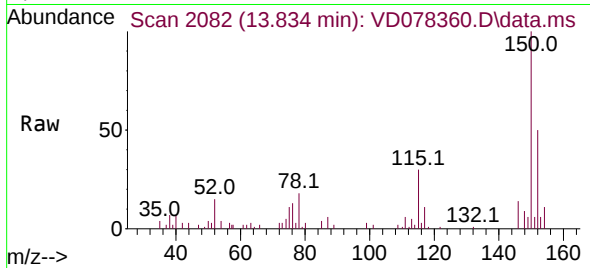




#67
1,2-Dichlorobenzene
Concen: 0.631 ug/L
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

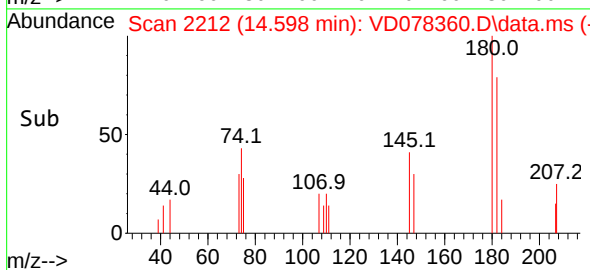
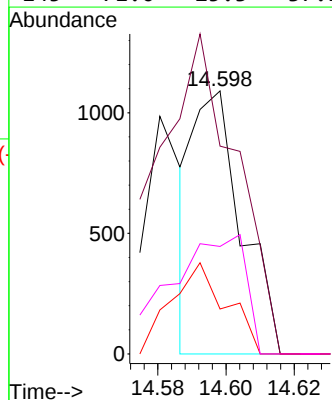
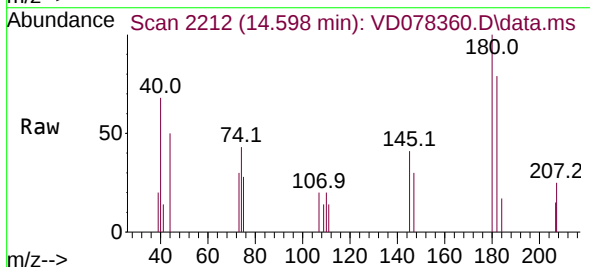
Instrument :
MSVOA_D
ClientSampleId :

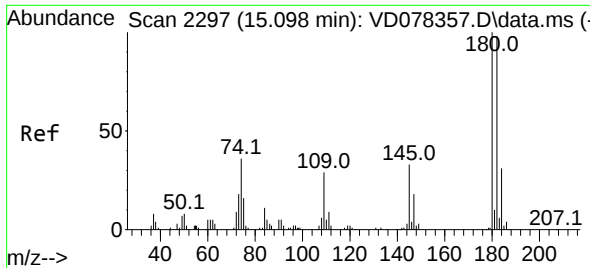
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.1	33.6	50.4
148	63.9	48.4	72.6



#69
1,3,5-Trichlorobenzene
Concen: 0.343 ug/L
RT: 14.598 min Scan# 2212
Delta R.T. 0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

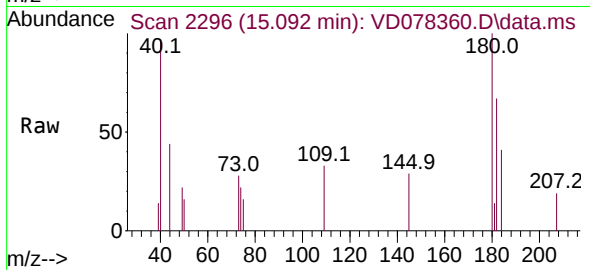
Tgt Ion	Ratio	Lower	Upper
180	100		
182	197.7	75.6	113.4#
184	40.1	23.2	34.8#
145	71.0	25.3	37.9#



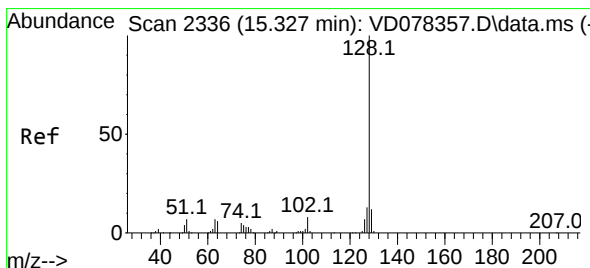
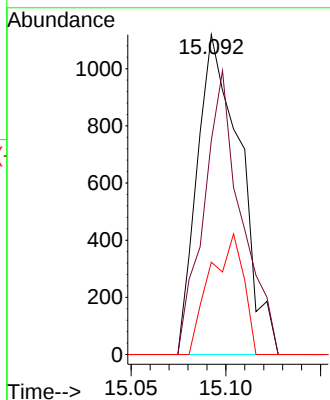
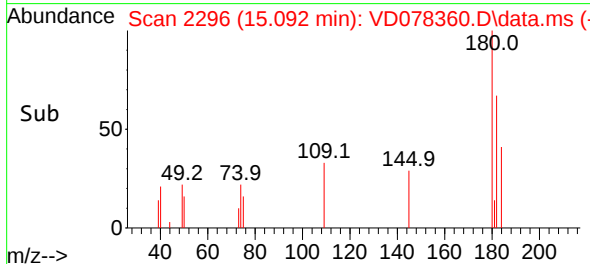


#70
1,2,4-trichlorobenzene
Concen: 0.661 ug/L
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21

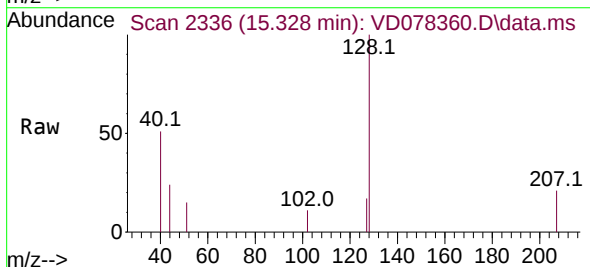
Instrument :
MSVOA_D
ClientSampleId :



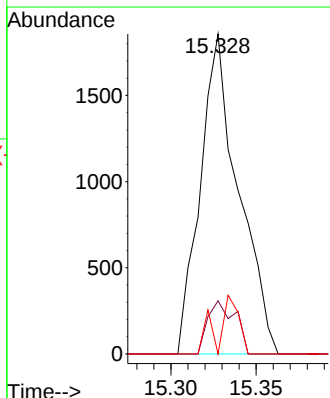
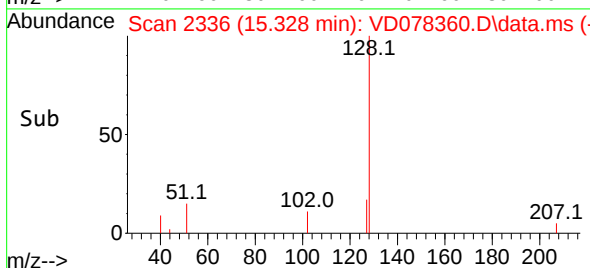
Tgt Ion:180 Resp: 1768
Ion Ratio Lower Upper
180 100
182 77.5 76.2 114.4
145 29.2 25.0 37.6

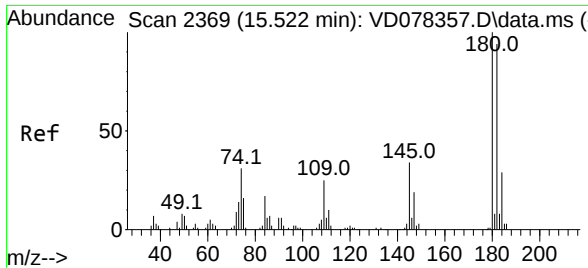


#71
Naphthalene
Concen: 0.463 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD078360.D
Acq: 07 Feb 2024 14:21



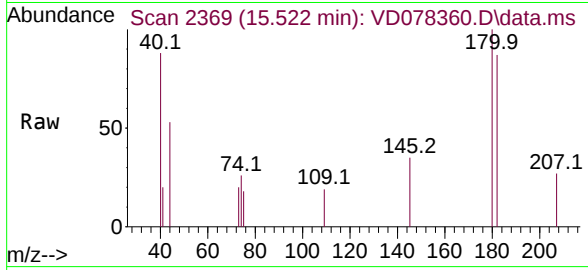
Tgt Ion:128 Resp: 2899
Ion Ratio Lower Upper
128 100
127 11.9 11.0 16.4
129 7.1 8.6 12.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.526 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078360.D
 Acq: 07 Feb 2024 14:21

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180	Resp:	1314
Ion	Ratio	Lower Upper
180	100	
182	113.4	75.4 113.0#
145	36.9	26.8 40.2

