

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079091.D
 Acq On : 30 May 2024 12:57
 Operator : RP/MD
 Sample : P2586-07MSD
 Misc : 4.63G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4D18MSD

Quant Time: May 31 01:55:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.763	114	327457	25.000	ug/L	-0.01
28) Chlorobenzene-d5	11.587	117	249831	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	86936	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.358	65	85442m	8.479	ug/L	0.08
Spiked Amount	25.000	Range	30 - 150	Recovery	=	33.920%
7) Chloroethane-d5	2.793	69	7887m	0.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	3.240%#
11) 1,1-Dichloroethene-d2	3.699	65	33230m	18.576	ug/L	-0.22
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.320%
21) 2-Butanone-d5	7.104	46	14420m	18.709	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.420%
24) Chloroform-d	7.552	84	127025	13.874	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	55.480%
26) 1,2-Dichloroethane-d4	8.216	65	39743	9.410	ug/L	-0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	37.640%#
32) Benzene-d6	8.175	84	281866	20.352	ug/L	-0.03
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	9.204	67	86640m	21.717	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.880%
41) Toluene-d8	10.263	98	272713	21.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.120%
43) trans-1,3-Dichloroprop...	10.534	79	19114	11.399	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.600%
47) 2-Hexanone-d5	10.922	63	7167m	13.896	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.800%
56) 1,1,2,2-Tetrachloroeth...	12.663	84	21803	6.170	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	24.680%#
66) 1,2-Dichlorobenzene-d4	13.816	152	41151	13.715	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	54.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.028	85	51706	9.975	ug/L #	46
3) Chloromethane	2.199	50	60841m	8.806	ug/L	
5) Vinyl chloride	2.364	62	67354	5.907	ug/L	93
6) Bromomethane	2.675	94	5444m	0.618	ug/L	
8) Chloroethane	2.828	64	4221m	0.505	ug/L	
9) Trichlorofluoromethane	3.193	101	8596m	0.990	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.181	101	61610m	11.828	ug/L	
12) 1,1-Dichloroethene	3.722	96	59377m	13.093	ug/L	
13) Acetone	4.040	43	17530m	15.710	ug/L	
14) Carbon disulfide	4.063	76	132243	8.359	ug/L	98
15) Methyl Acetate	4.552	43	49479m	32.545	ug/L	
16) Methylene chloride	4.816	84	84927m	14.555	ug/L	
17) trans-1,2-Dichloroethene	5.187	96	61884m	12.627	ug/L	
18) Methyl tert-butyl Ether	5.322	73	133373m	15.344	ug/L	
19) 1,1-Dichloroethane	6.040	63	94399m	11.964	ug/L	
20) cis-1,2-Dichloroethene	7.040	96	54203m	10.622	ug/L	
22) 2-Butanone	7.157	43	9983m	8.517	ug/L	
23) Bromochloromethane	7.404	128	18595	7.187	ug/L #	86
25) Chloroform	7.581	83	86866	9.696	ug/L	92

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 Response via : Initial Calibration

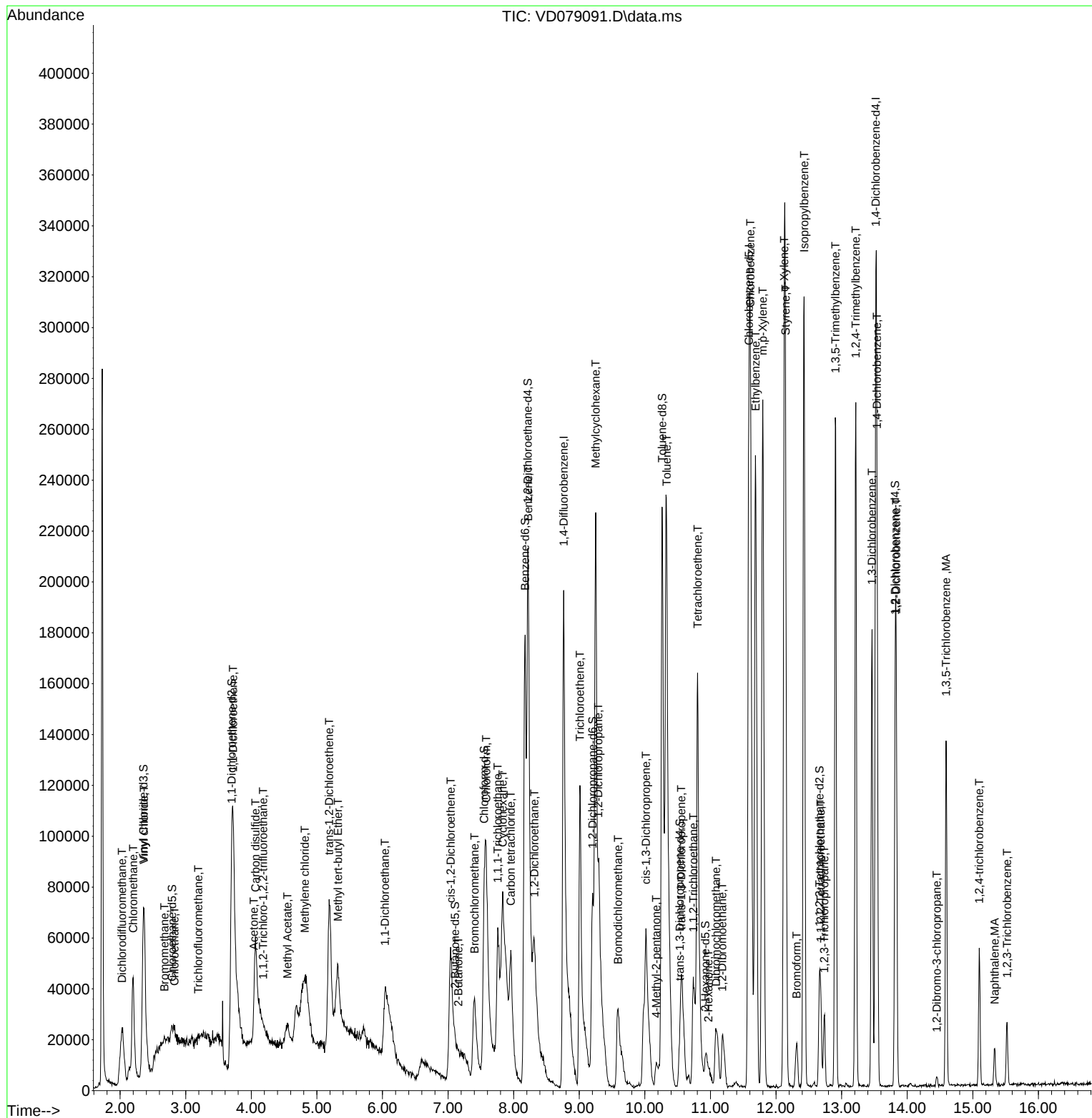
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.316	62	51979m	9.995	ug/L	
29) Cyclohexane	7.834	56	72881m	16.168	ug/L	
30) 1,1,1-Trichloroethane	7.757	97	77100	13.035	ug/L #	85
31) Carbon tetrachloride	7.957	117	41481	7.547	ug/L	84
33) Benzene	8.222	78	225618	15.163	ug/L	100
34) Trichloroethene	9.010	95	56742	14.806	ug/L	94
35) Methylcyclohexane	9.251	83	101037	15.911	ug/L	99
37) 1,2-Dichloropropane	9.293	63	53207m	14.598	ug/L	
38) Bromodichloromethane	9.593	83	49482m	9.766	ug/L	
39) cis-1,3-Dichloropropene	10.016	75	59665m	10.487	ug/L	
40) 4-Methyl-2-pentanone	10.175	43	20598m	13.538	ug/L	
42) Toluene	10.334	91	262474	15.885	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	40705	8.460	ug/L	99
45) 1,1,2-Trichloroethane	10.740	97	29983m	9.377	ug/L	
46) Tetrachloroethene	10.804	164	53413	15.828	ug/L	99
48) 2-Hexanone	10.969	43	12525m	9.513	ug/L	
49) Dibromochloromethane	11.087	129	25112m	6.632	ug/L	
50) 1,2-Dibromoethane	11.181	107	25628	8.721	ug/L #	97
51) Chlorobenzene	11.610	112	142767	12.986	ug/L	95
52) Ethylbenzene	11.687	91	263737	15.302	ug/L	98
53) m,p-Xylene	11.798	106	120791	17.863	ug/L	95
54) o-Xylene	12.128	106	88963	13.617	ug/L	95
55) Styrene	12.145	104	138622	11.967	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.681	83	17048	4.763	ug/L	97
59) Bromoform	12.316	173	11601	7.281	ug/L #	98
60) Isopropylbenzene	12.428	105	252500	21.966	ug/L	99
61) 1,2,3-Trichloropropane	12.734	75	13568	8.840	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	165807	21.096	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	162488	19.329	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	85462	15.476	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	78898	13.484	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	53162	10.414	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	1021	3.236	ug/L #	46
69) 1,3,5-Trichlorobenzene	14.592	180	45497	13.063	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	19293	6.670	ug/L	97
71) Naphthalene	15.333	128	14522	2.684	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	9350	3.740	ug/L	98

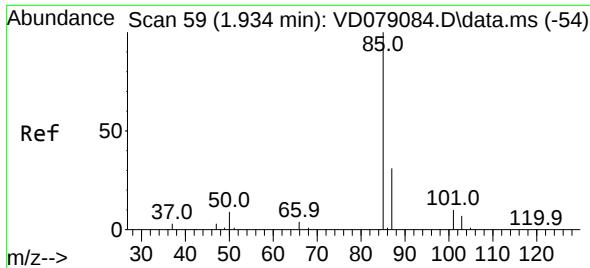
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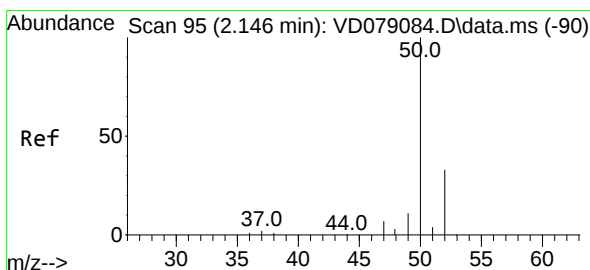
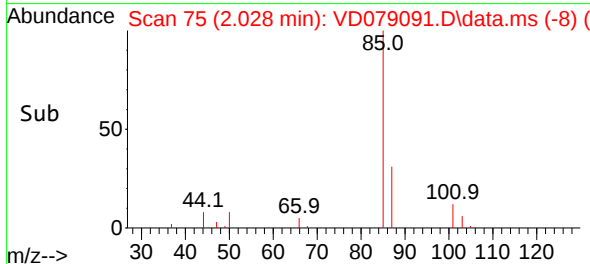
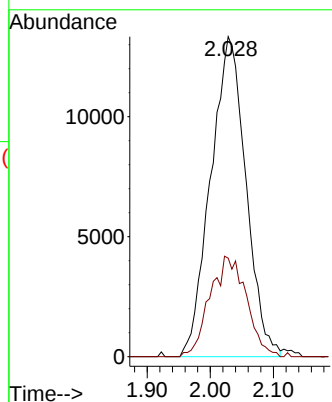
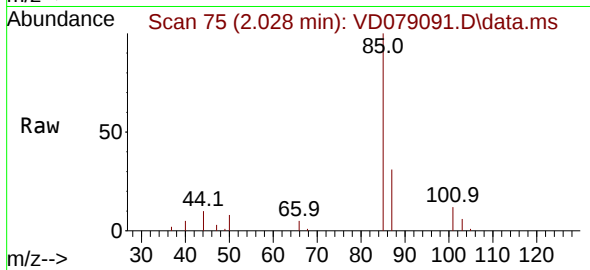




#2
 Dichlorodifluoromethane
 Concen: 9.975 ug/L
 RT: 2.028 min Scan# 71
 Delta R.T. 0.094 min
 Lab File: VD079091.D
 Acq: 30 May 2024 12:57

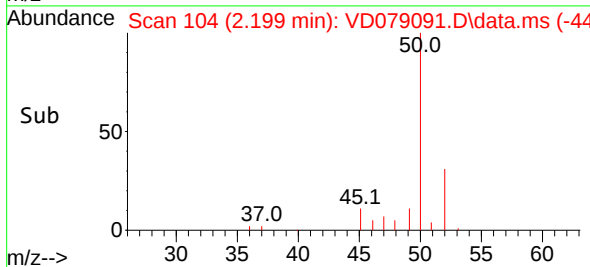
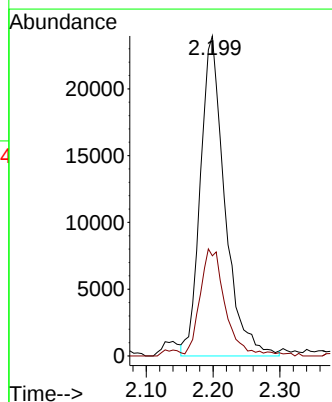
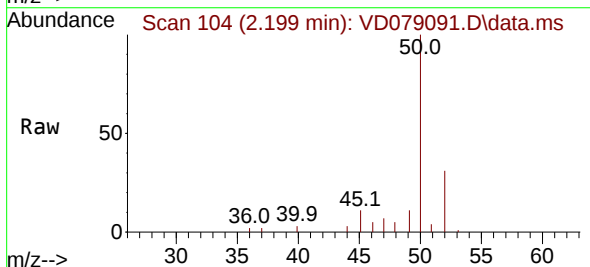
Instrument :
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 ClientSampleId :
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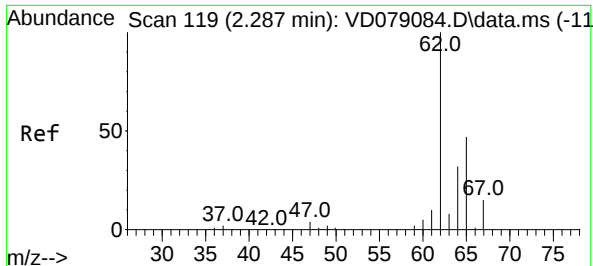
Tgt Ion: 85 Resp: 51706
 Ion Ratio Lower Upper
 85 100
 87 2.2 26.2 39.4#



#3
 Chloromethane
 Concen: 8.806 ug/L m
 RT: 2.199 min Scan# 104
 Delta R.T. 0.053 min
 Lab File: VD079091.D
 Acq: 30 May 2024 12:57

Tgt Ion: 50 Resp: 60841
 Ion Ratio Lower Upper
 50 100
 52 31.3 24.4 45.2

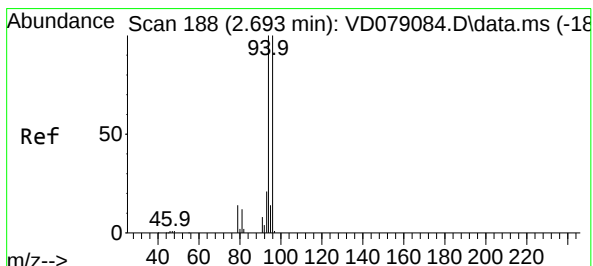
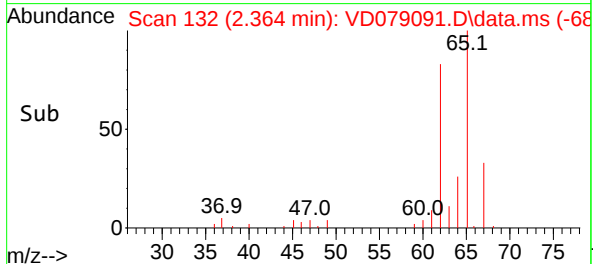
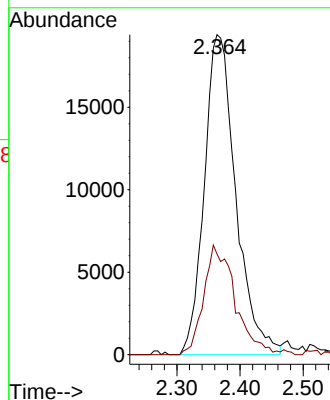
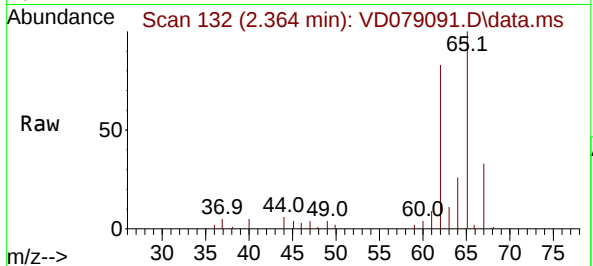




#5
 Vinyl chloride
 Concen: 5.907 ug/L
 RT: 2.364 min Scan# 11
 Delta R.T. 0.076 min
 Lab File: VD079091.D
 Acq: 30 May 2024 12:57

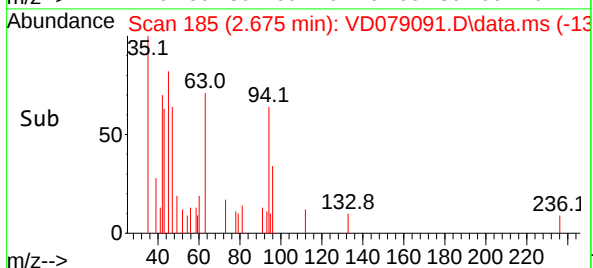
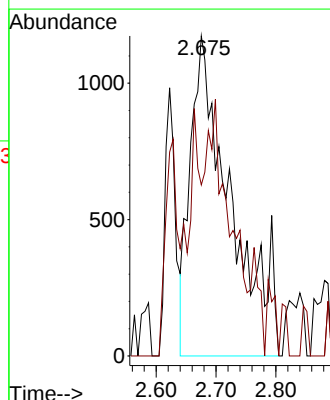
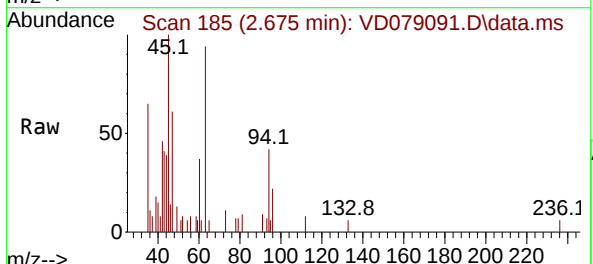
Instrument :
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 ClientSampleId :
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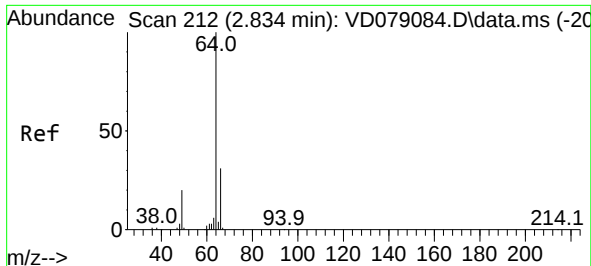
Tgt Ion: 62 Resp: 67354
 Ion Ratio Lower Upper
 62 100
 64 31.4 24.8 46.1



#6
 Bromomethane
 Concen: 0.618 ug/L m
 RT: 2.675 min Scan# 185
 Delta R.T. -0.018 min
 Lab File: VD079091.D
 Acq: 30 May 2024 12:57

Tgt Ion: 94 Resp: 5444
 Ion Ratio Lower Upper
 94 100
 96 53.5 63.6 118.2#

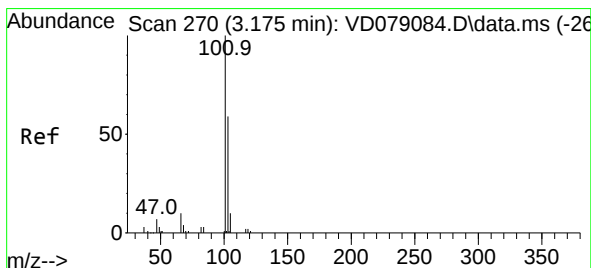
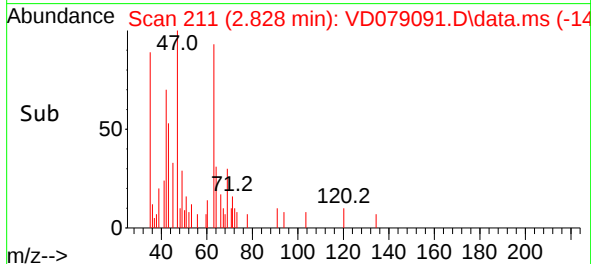
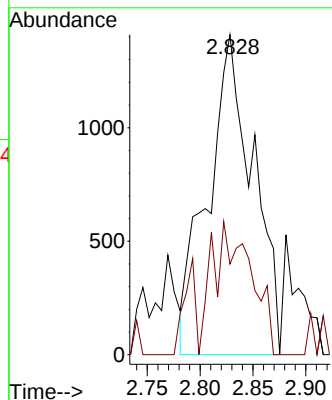
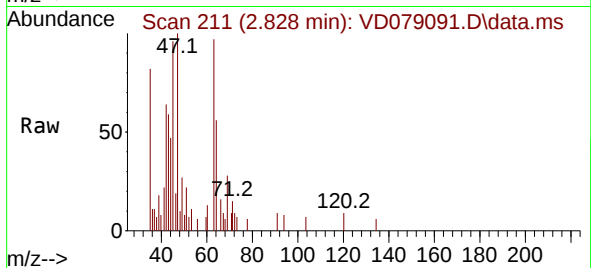




#8
Chloroethane
Concen: 0.505 ug/L m
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

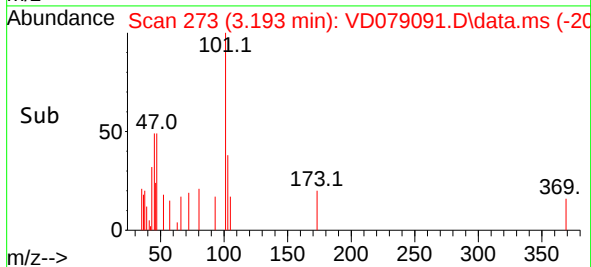
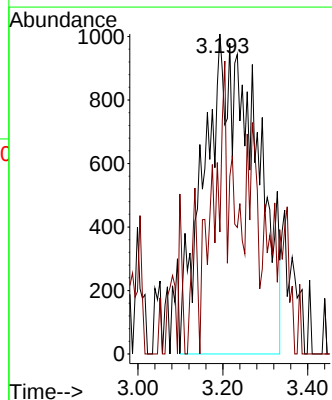
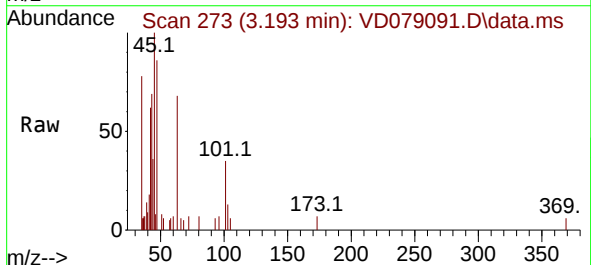
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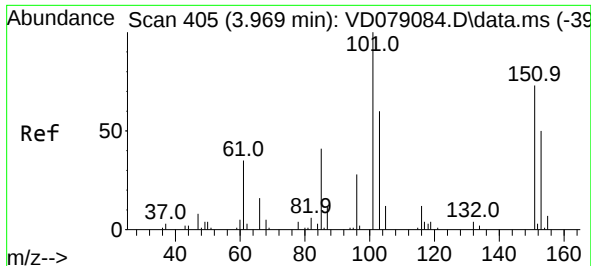
Tgt Ion: 64 Resp: 4221
Ion Ratio Lower Upper
64 100
66 28.3 24.8 46.1



#9
Trichlorofluoromethane
Concen: 0.990 ug/L m
RT: 3.193 min Scan# 273
Delta R.T. 0.018 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion:101 Resp: 8596
Ion Ratio Lower Upper
101 100
103 2.8 52.6 79.0#

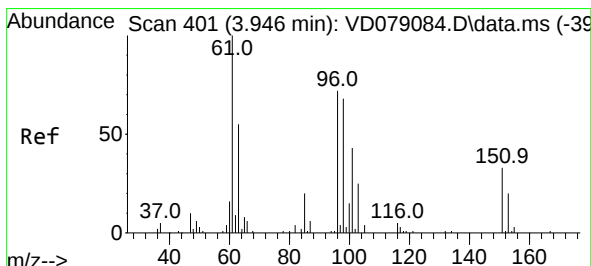
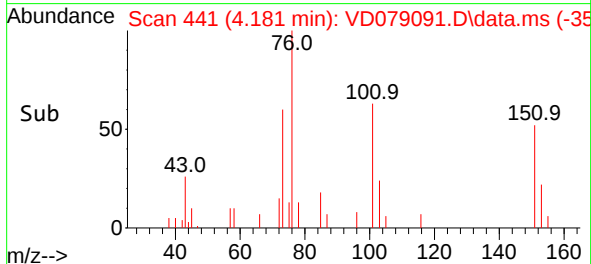
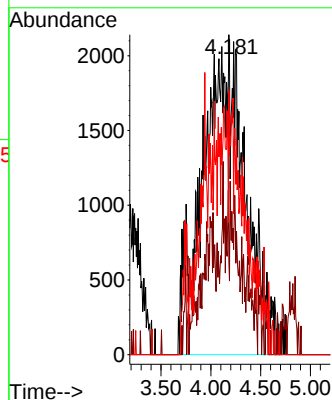
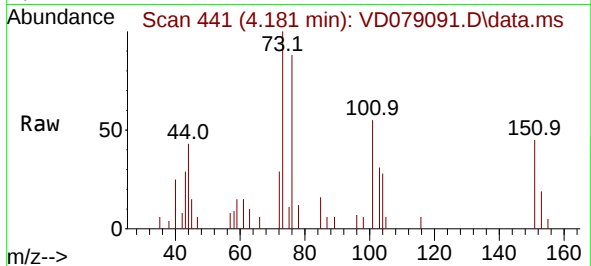




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.828 ug/L m
RT: 4.181 min Scan# 41
Delta R.T. 0.212 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

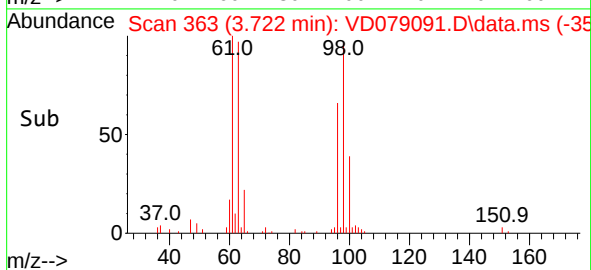
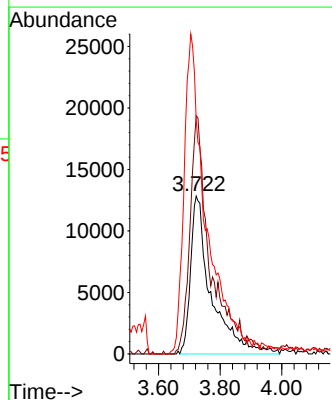
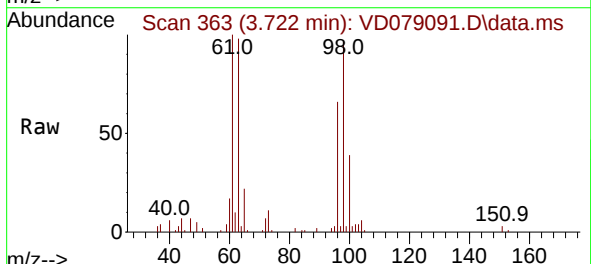
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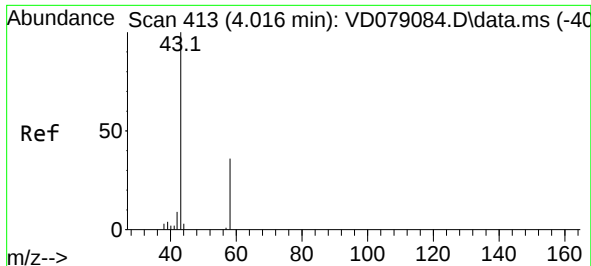
Tgt Ion:101 Resp: 61610
Ion Ratio Lower Upper
101 100
85 0.5 35.4 53.0#
151 1.1 59.1 88.7#



#12
1,1-Dichloroethene
Concen: 13.093 ug/L m
RT: 3.722 min Scan# 363
Delta R.T. -0.224 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion: 96 Resp: 59377
Ion Ratio Lower Upper
96 100
61 151.1 93.9 174.3
63 148.4 67.7 125.7#





#13

Acetone

Concen: 15.710 ug/L m

RT: 4.040 min Scan# 41

Delta R.T. 0.024 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

Instrument :

MSVOA_D

ClientSampleId :

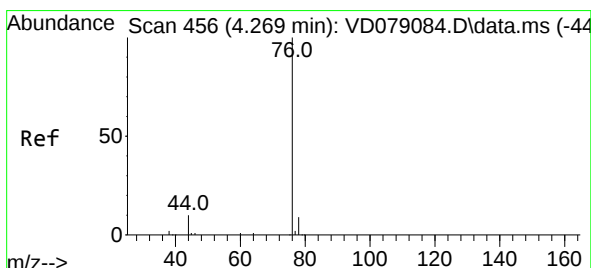
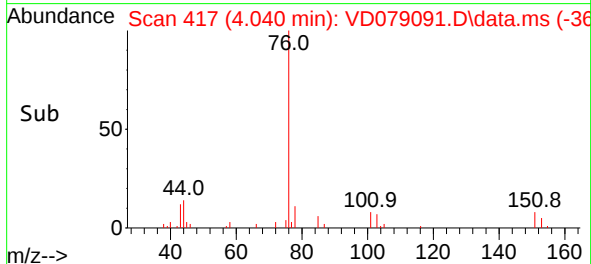
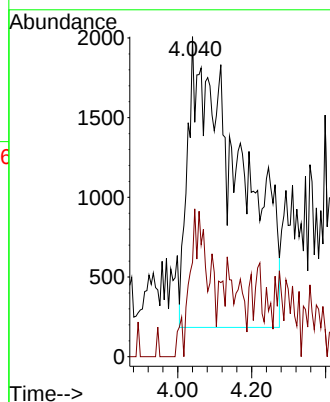
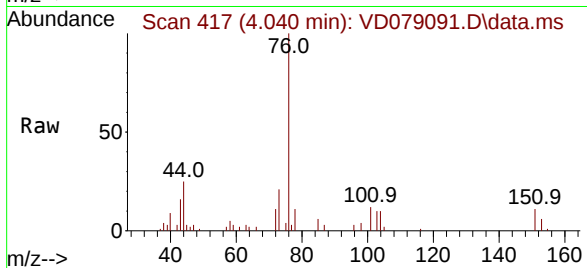
A4D18MSD

Tgt Ion: 43 Resp: 17530

Ion Ratio Lower Upper

43 100

58 6.9 0.0 78.2



#14

Carbon disulfide

Concen: 8.359 ug/L

RT: 4.063 min Scan# 421

Delta R.T. -0.206 min

Lab File: VD079091.D

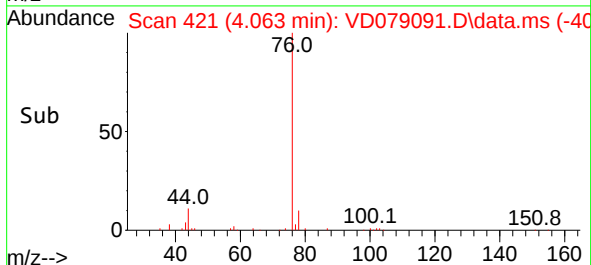
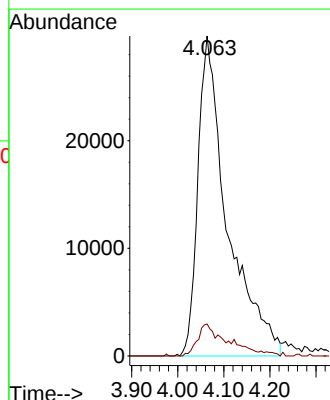
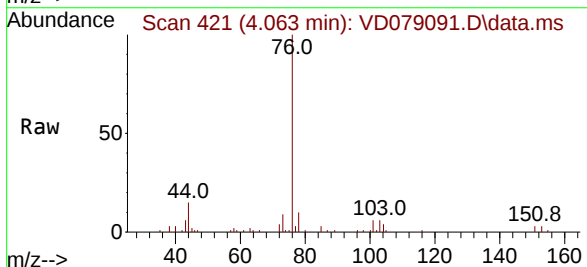
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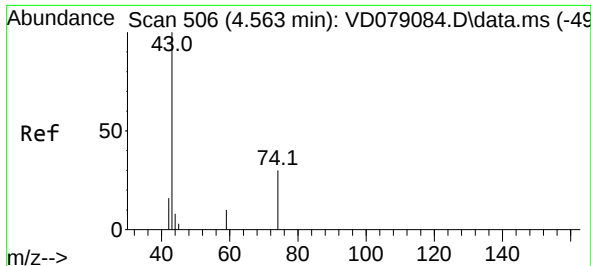
Tgt Ion: 76 Resp: 132243

Ion Ratio Lower Upper

76 100

78 10.0 7.5 11.3

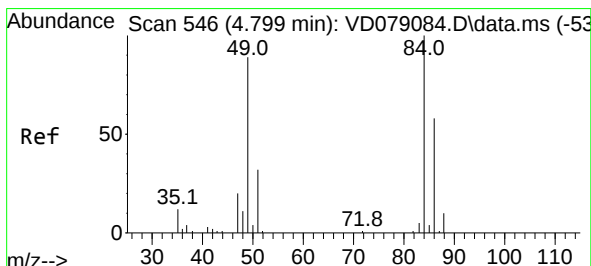
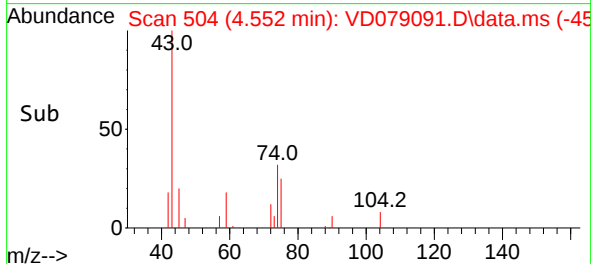
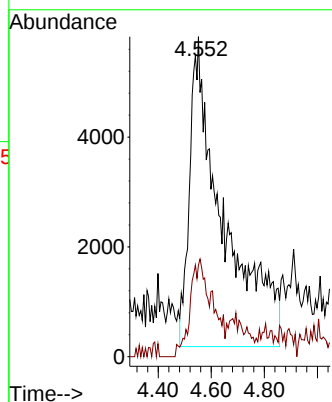
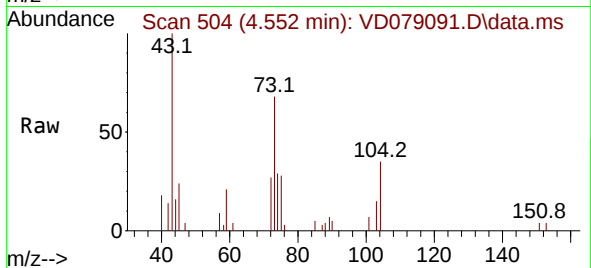




#15
Methyl Acetate
Concen: 32.545 ug/L m
RT: 4.552 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

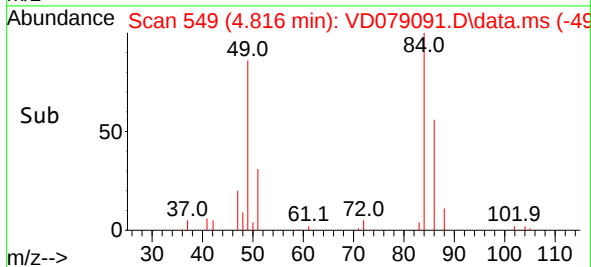
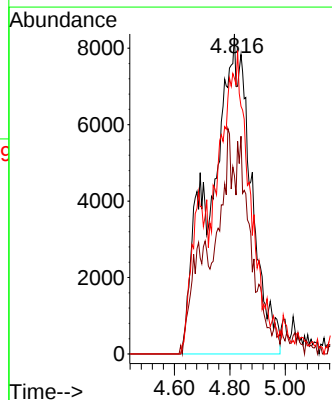
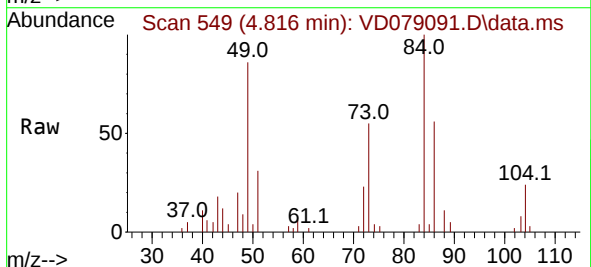
Instrument :
MSVOA_D
ClientSampleId :
A4D18MSD

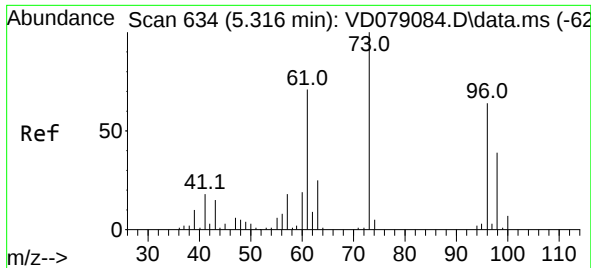
Tgt Ion: 43 Resp: 49479
Ion Ratio Lower Upper
43 100
74 5.7 23.8 35.6#



#16
Methylene chloride
Concen: 14.555 ug/L m
RT: 4.816 min Scan# 549
Delta R.T. 0.018 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion: 84 Resp: 84927
Ion Ratio Lower Upper
84 100
86 55.7 40.9 76.0
49 86.1 67.5 125.3

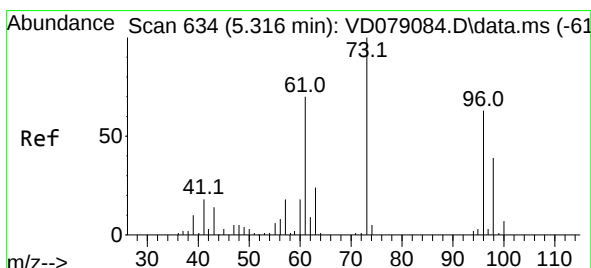
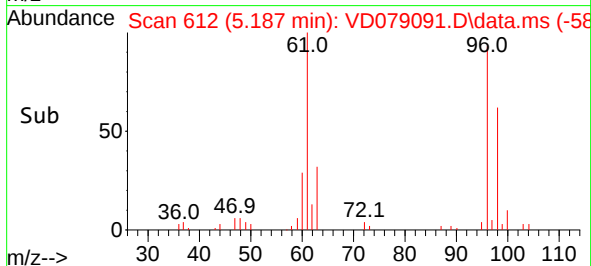
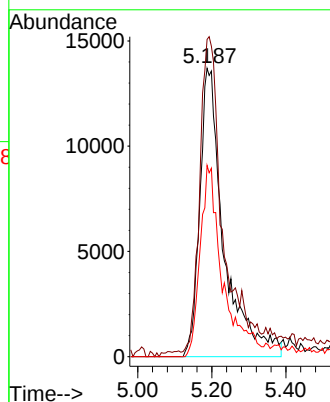
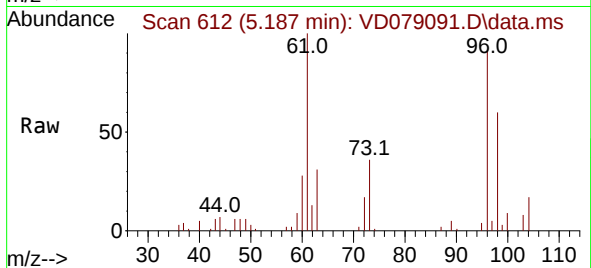




#17
trans-1,2-Dichloroethene
Concen: 12.627 ug/L m
RT: 5.187 min Scan# 612
Delta R.T. -0.129 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

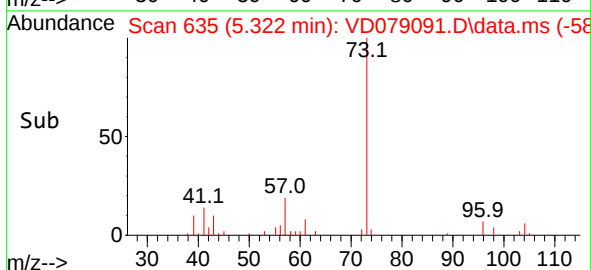
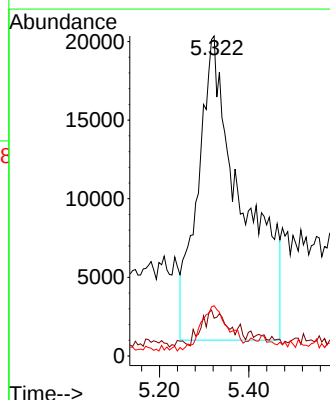
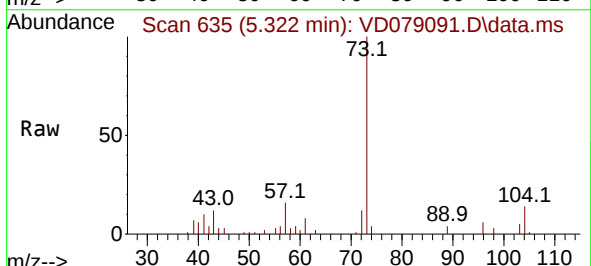
Instrument :
MSVOA_D
ClientSampleId :
A4D18MSD

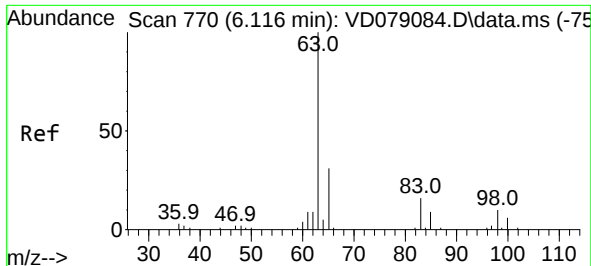
Tgt Ion: 96 Resp: 61884
Ion Ratio Lower Upper
96 100
61 110.0 71.9 133.5
98 66.3 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 15.344 ug/L m
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion: 73 Resp: 133373
Ion Ratio Lower Upper
73 100
43 0.2 12.0 18.0#
57 0.1 9.6 14.4#

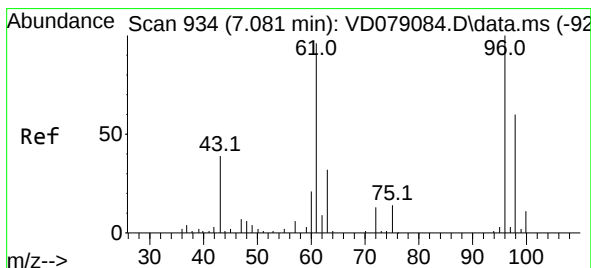
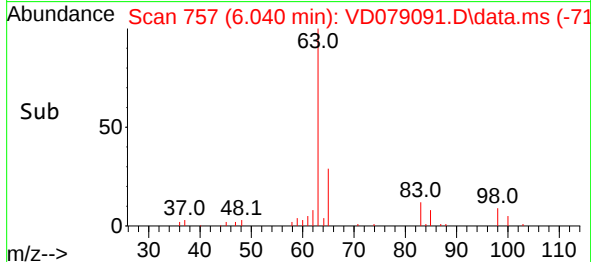
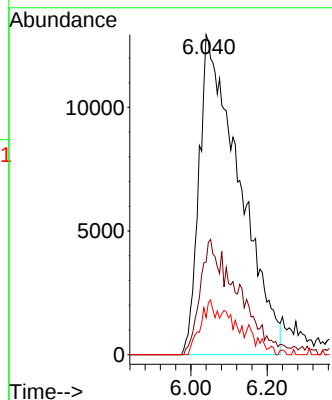
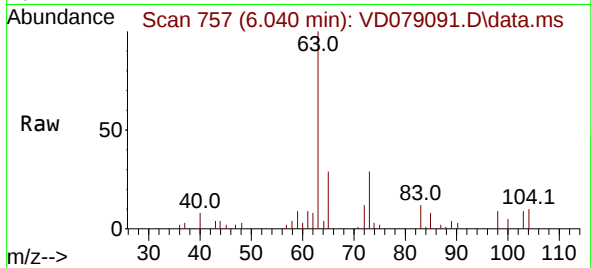




#19
1,1-Dichloroethane
Concen: 11.964 ug/L m
RT: 6.040 min Scan# 71
Delta R.T. -0.076 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

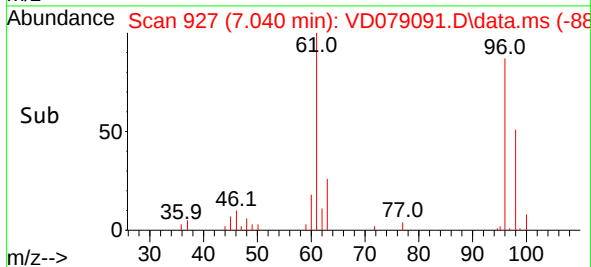
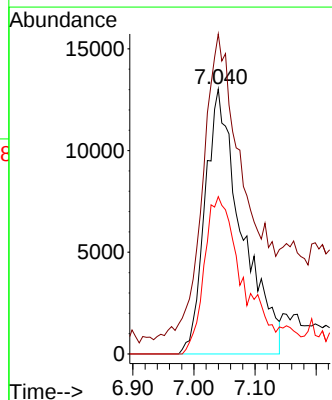
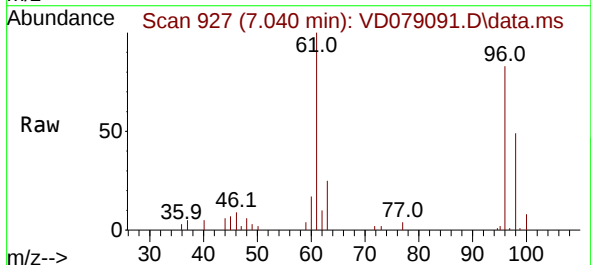
Instrument :
MSVOA_D
ClientSampleId :
A4D18MSD

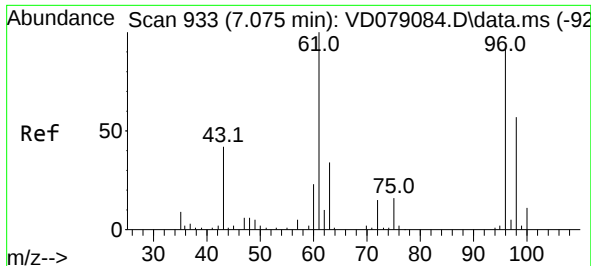
Tgt Ion:	63	Resp:	94399
Ion	Ratio	Lower	Upper
63	100		
65	29.0	22.8	42.4
83	11.6	8.6	16.0



#20
cis-1,2-Dichloroethene
Concen: 10.622 ug/L m
RT: 7.040 min Scan# 927
Delta R.T. -0.041 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion:	96	Resp:	54203
Ion	Ratio	Lower	Upper
96	100		
61	120.7	72.6	134.8
98	59.3	43.8	81.3

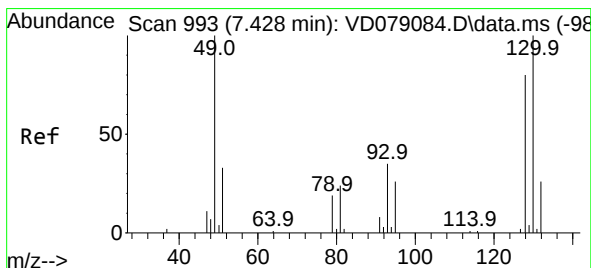
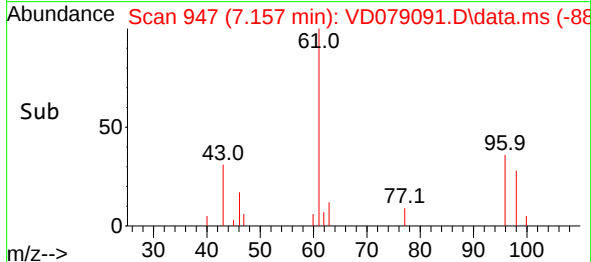
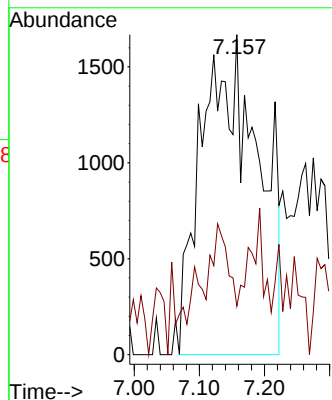
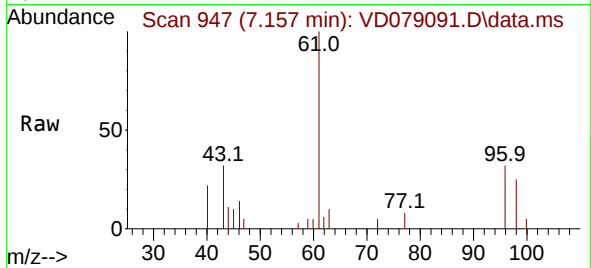




#22
2-Butanone
Concen: 8.517 ug/L m
RT: 7.157 min Scan# 947
Delta R.T. 0.082 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

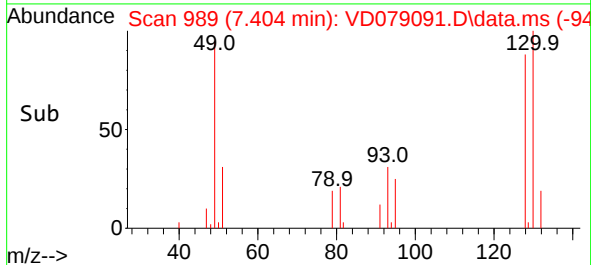
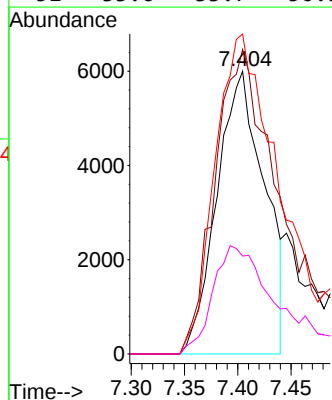
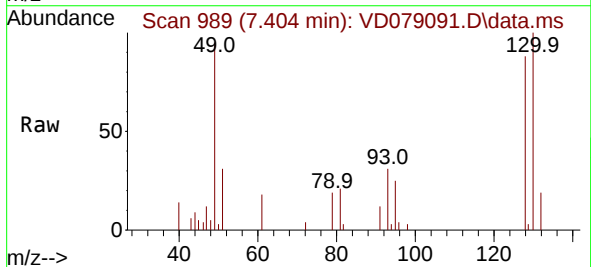
Instrument :
MSVOA_D
ClientSampleId :
A4D18MSD

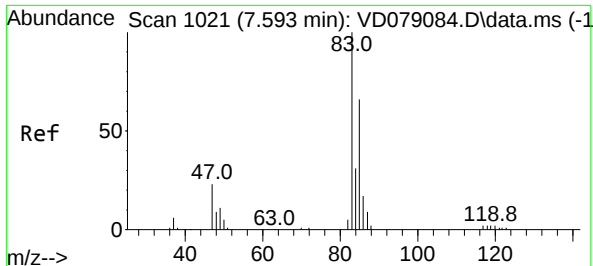
Tgt Ion: 43 Resp: 9983
Ion Ratio Lower Upper
43 100
72 3.4 19.3 57.8#



#23
Bromochloromethane
Concen: 7.187 ug/L
RT: 7.404 min Scan# 989
Delta R.T. -0.024 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion:128 Resp: 18595
Ion Ratio Lower Upper
128 100
49 104.4 81.8 151.8
130 109.7 90.4 167.8
51 33.6 33.7 50.5#





#25

Chloroform

Concen: 9.696 ug/L

RT: 7.581 min Scan# 1019

Delta R.T. -0.012 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

Instrument :

MSVOA_D

ClientSampleId :

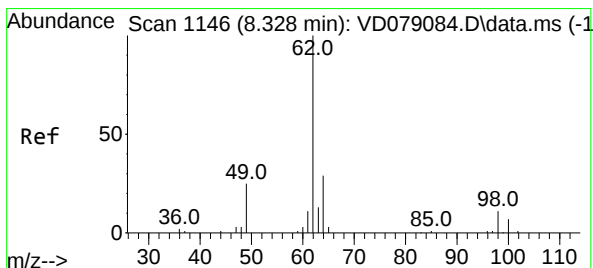
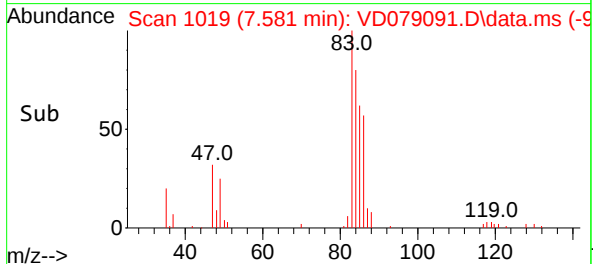
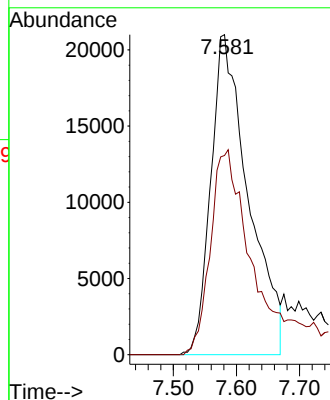
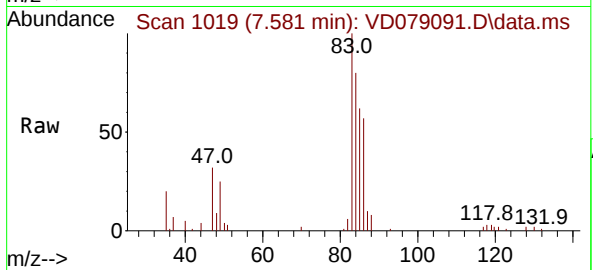
A4D18MSD

Tgt Ion: 83 Resp: 86866

Ion Ratio Lower Upper

83 100

85 62.2 47.9 89.1



#27

1,2-Dichloroethane

Concen: 9.995 ug/L m

RT: 8.316 min Scan# 1144

Delta R.T. -0.012 min

Lab File: VD079091.D

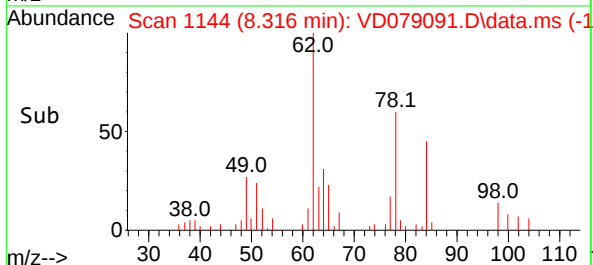
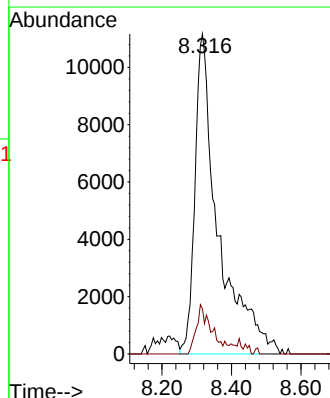
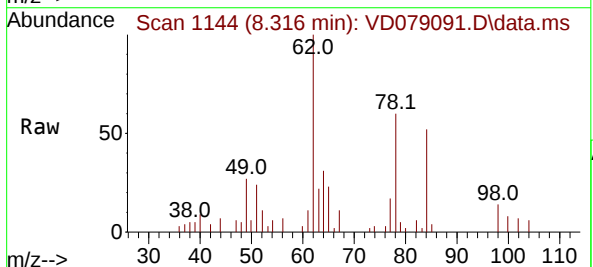
Acq: 30 May 2024 12:57

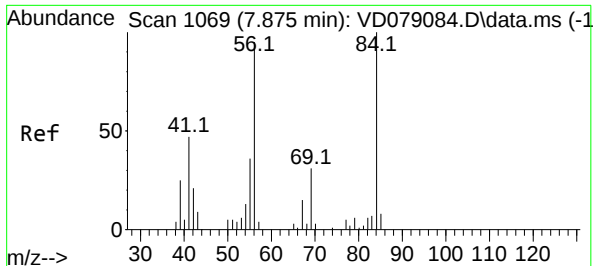
Tgt Ion: 62 Resp: 51979

Ion Ratio Lower Upper

62 100

98 14.1 8.2 12.4#





#29

Cyclohexane

Concen: 16.168 ug/L m

RT: 7.834 min Scan# 1062

Delta R.T. -0.041 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

Instrument :

MSVOA_D

ClientSampleId :

A4D18MSD

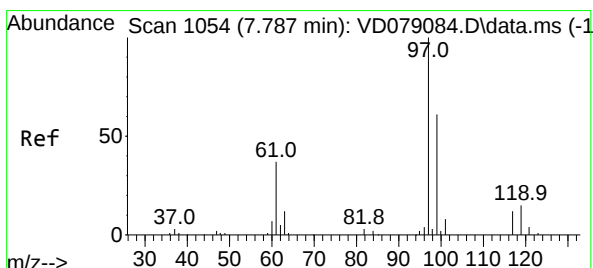
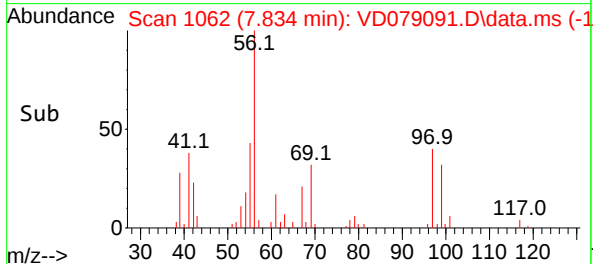
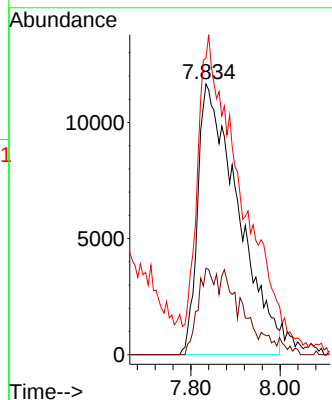
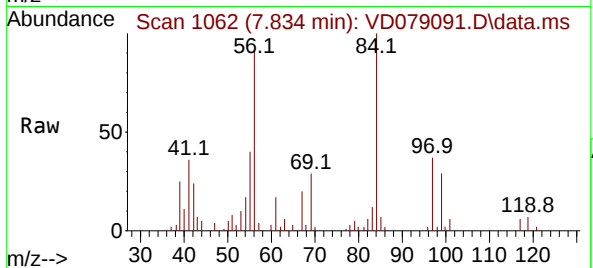
Tgt Ion: 56 Resp: 72881

Ion Ratio Lower Upper

56 100

69 12.5 26.6 40.0#

84 83.6 87.5 131.3#



#30

1,1,1-Trichloroethane

Concen: 13.035 ug/L

RT: 7.757 min Scan# 1049

Delta R.T. -0.029 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

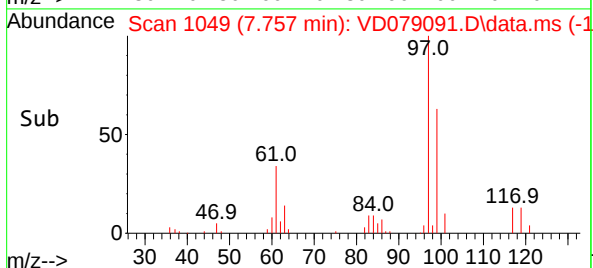
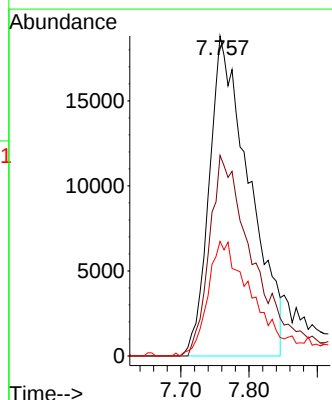
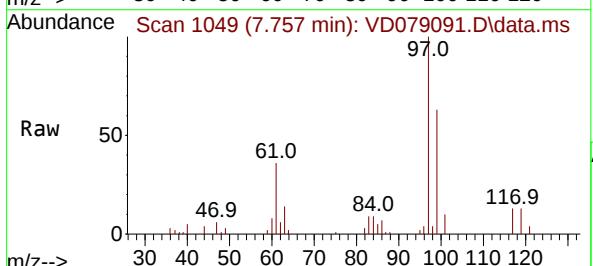
Tgt Ion: 97 Resp: 77100

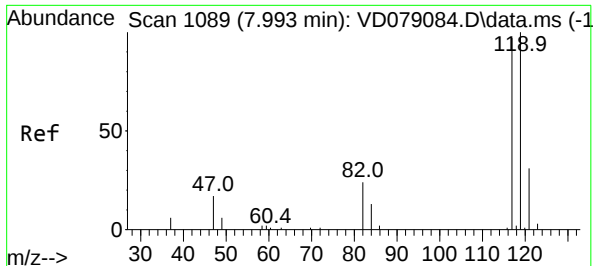
Ion Ratio Lower Upper

97 100

99 59.3 52.3 78.5

61 23.2 31.7 47.5#

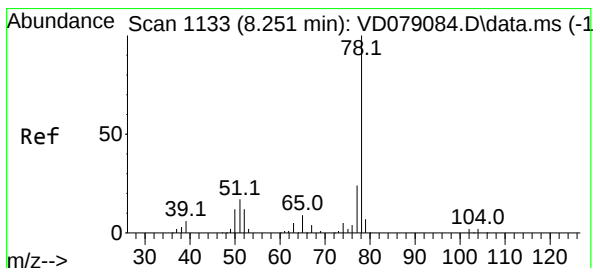
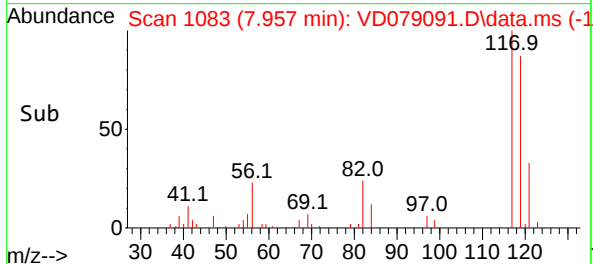
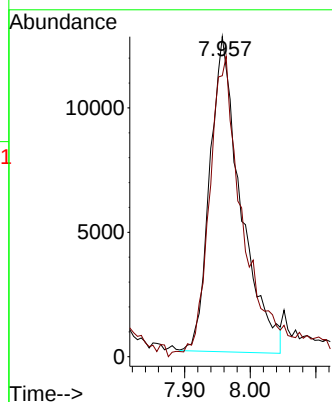
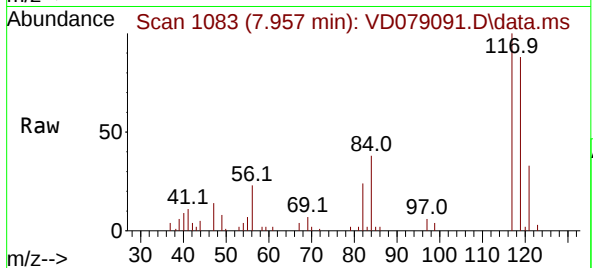




#31
Carbon tetrachloride
Concen: 7.547 ug/L
RT: 7.957 min Scan# 110
Delta R.T. -0.035 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

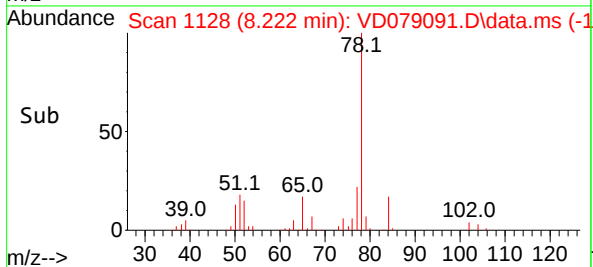
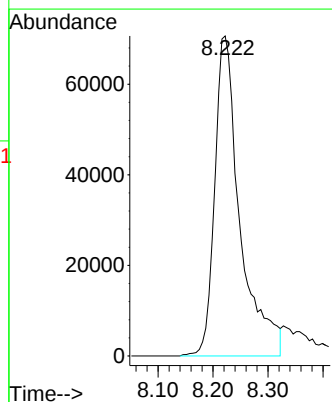
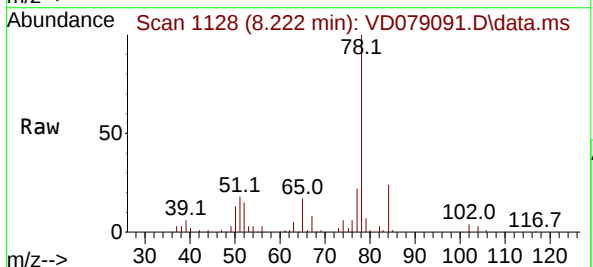
Instrument :
MSVOA_D
ClientSampleId :
A4D18MSD

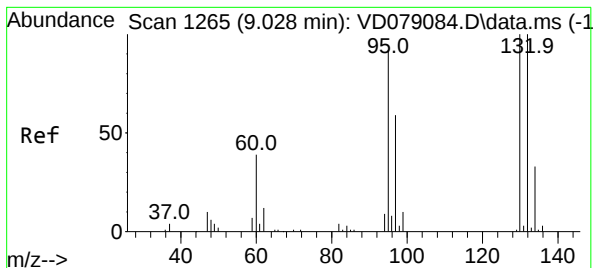
Tgt Ion:117 Resp: 41481
Ion Ratio Lower Upper
117 100
119 83.5 79.6 119.4



#33
Benzene
Concen: 15.163 ug/L
RT: 8.222 min Scan# 1128
Delta R.T. -0.029 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion: 78 Resp: 225618





#34

Trichloroethene

Concen: 14.806 ug/L

RT: 9.010 min Scan# 11

Delta R.T. -0.018 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

Instrument :

MSVOA_D

ClientSampleId :

A4D18MSD

Tgt Ion: 95 Resp: 56742

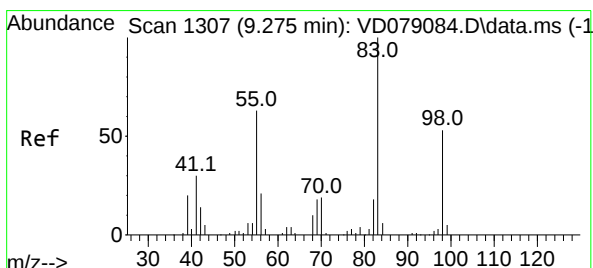
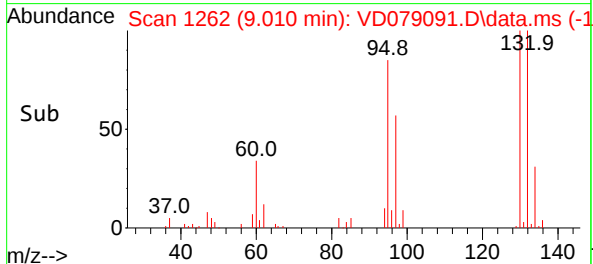
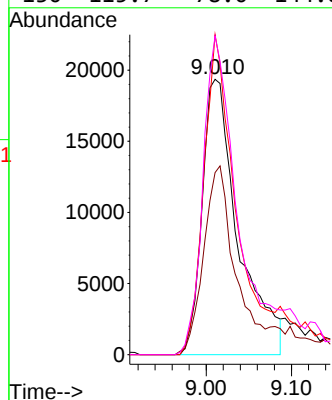
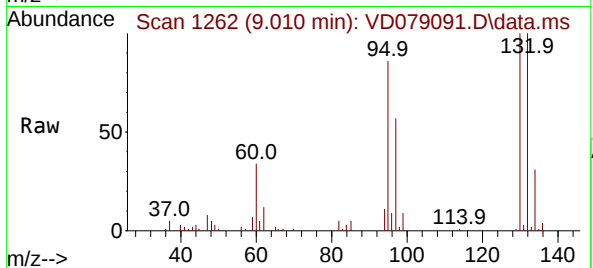
Ion Ratio Lower Upper

95 100

97 66.1 44.6 82.8

132 116.2 74.9 139.1

130 115.7 78.0 144.8



#35

Methylcyclohexane

Concen: 15.911 ug/L

RT: 9.251 min Scan# 1303

Delta R.T. -0.024 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

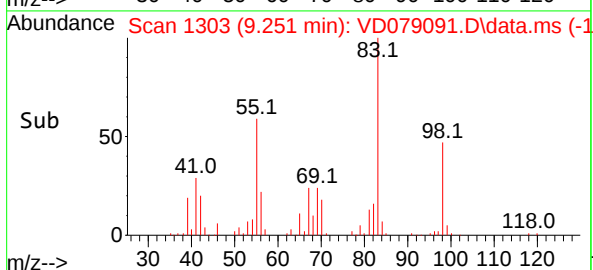
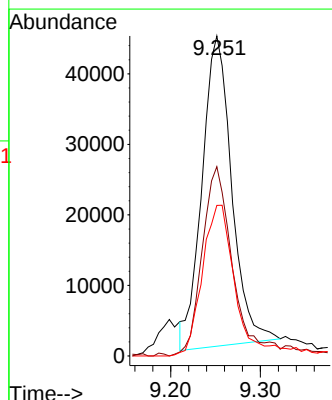
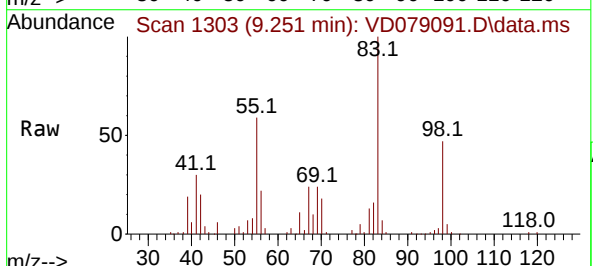
Tgt Ion: 83 Resp: 101037

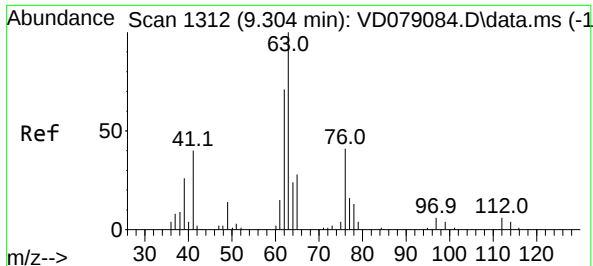
Ion Ratio Lower Upper

83 100

55 60.8 48.6 72.8

98 51.5 40.2 60.2





#37

1,2-Dichloropropane

Concen: 14.598 ug/L m

RT: 9.293 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

Instrument :

MSVOA_D

ClientSampleId :

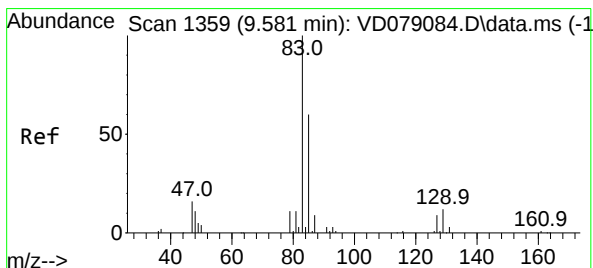
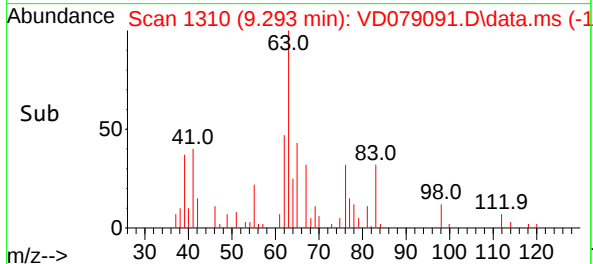
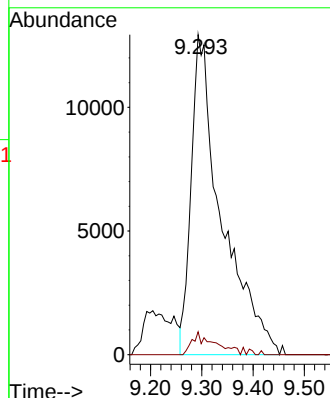
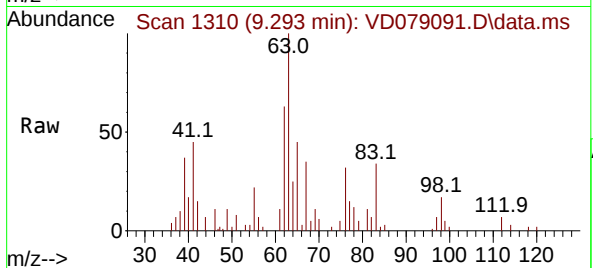
A4D18MSD

Tgt Ion: 63 Resp: 53207

Ion Ratio Lower Upper

63 100

112 2.0 3.9 5.9#



#38

Bromodichloromethane

Concen: 9.766 ug/L m

RT: 9.593 min Scan# 1361

Delta R.T. 0.012 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

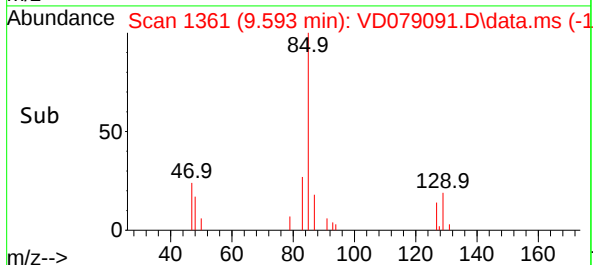
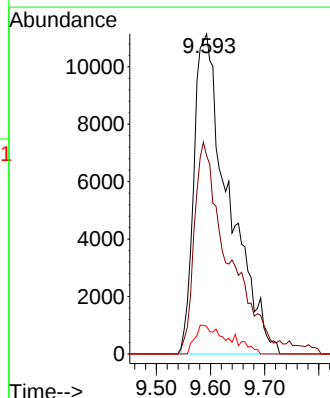
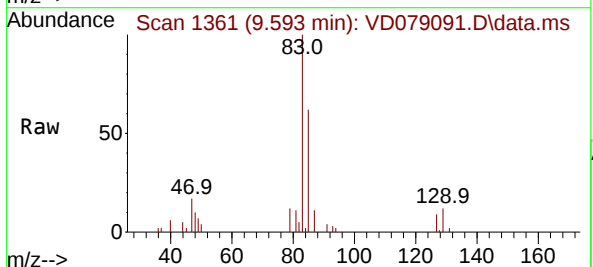
Tgt Ion: 83 Resp: 49482

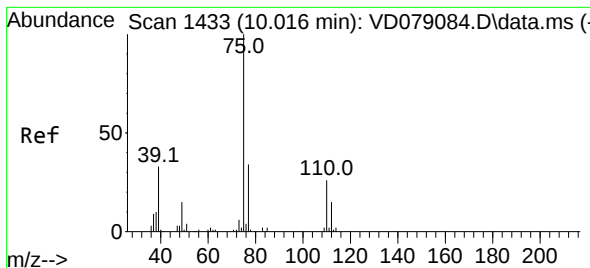
Ion Ratio Lower Upper

83 100

85 62.0 46.5 86.5

127 8.7 7.0 10.6

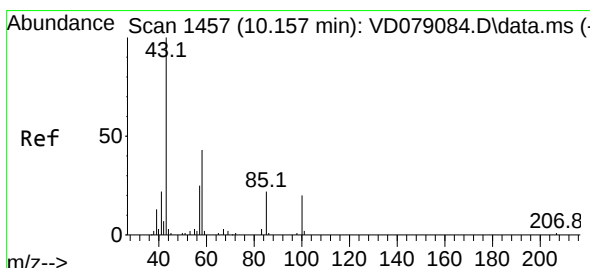
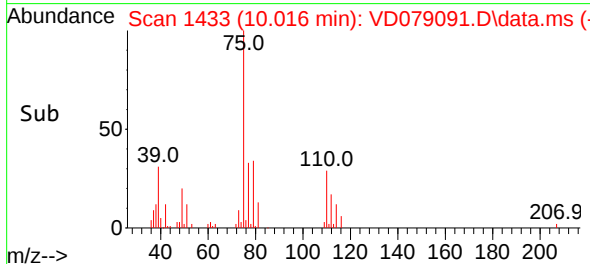
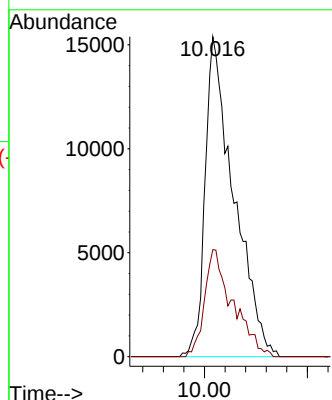
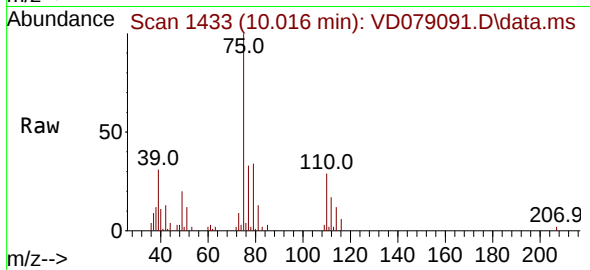




#39
 cis-1,3-Dichloropropene
 Concen: 10.487 ug/L m
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079091.D
 Acq: 30 May 2024 12:57

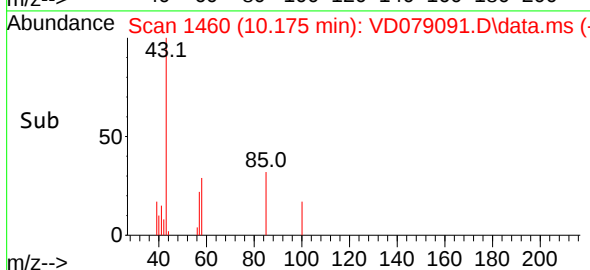
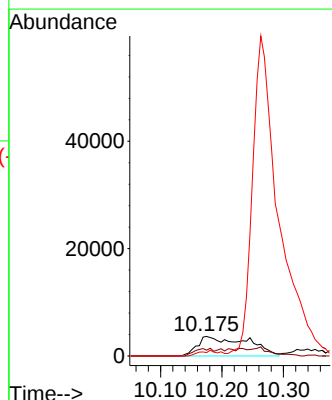
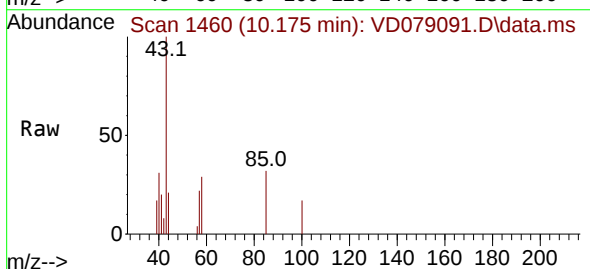
Instrument :
 MSVOA_D
 ClientSampleId :
 A4D18MSD

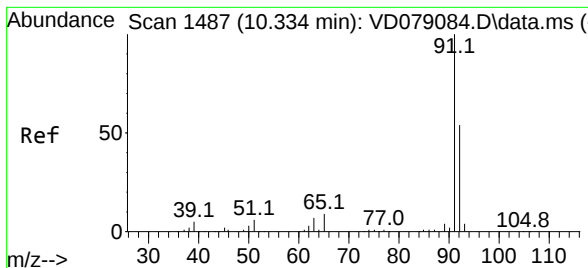
Tgt Ion: 75 Resp: 59665
 Ion Ratio Lower Upper
 75 100
 77 33.5 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 13.538 ug/L m
 RT: 10.175 min Scan# 1460
 Delta R.T. 0.018 min
 Lab File: VD079091.D
 Acq: 30 May 2024 12:57

Tgt Ion: 43 Resp: 20598
 Ion Ratio Lower Upper
 43 100
 58 0.0 34.0 51.0#
 100 4.0 16.9 25.3#





#42

Toluene

Concen: 15.885 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

Instrument :

MSVOA_D

ClientSampleId :

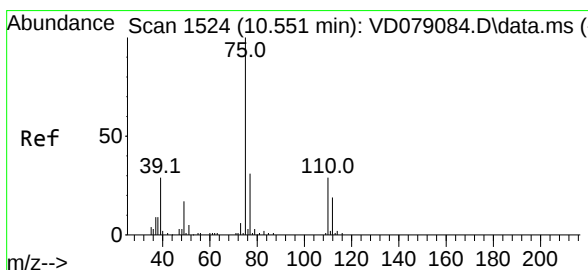
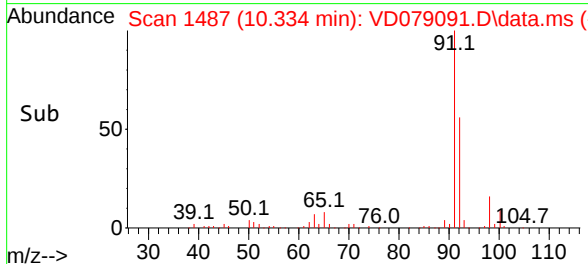
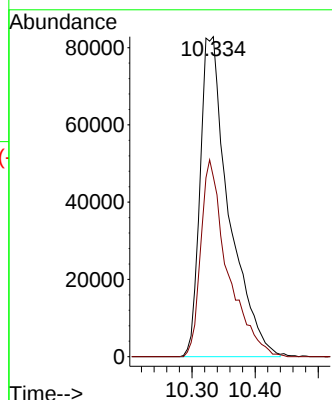
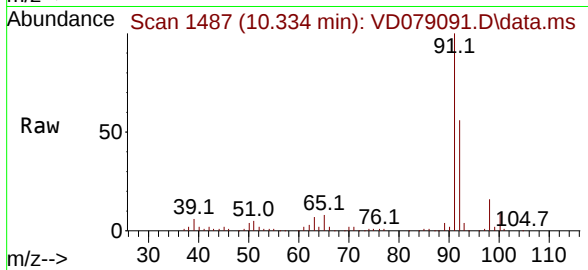
A4D18MSD

Tgt Ion: 91 Resp: 262474

Ion Ratio Lower Upper

91 100

92 56.2 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 8.460 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD079091.D

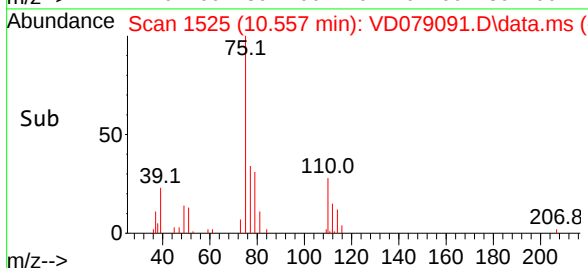
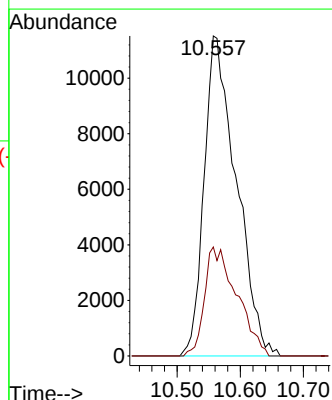
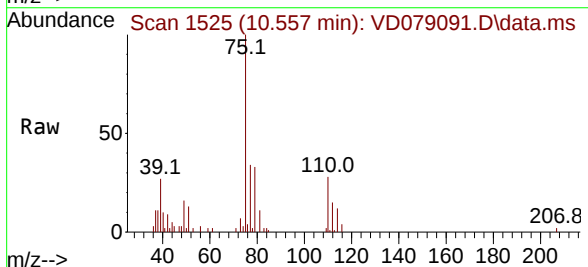
Acq: 30 May 2024 12:57

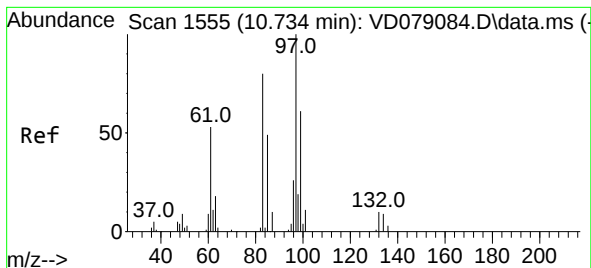
Tgt Ion: 75 Resp: 40705

Ion Ratio Lower Upper

75 100

77 34.0 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 9.377 ug/L m

RT: 10.740 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

Instrument :

MSVOA_D

ClientSampleId :

A4D18MSD

Tgt Ion: 97 Resp: 29983

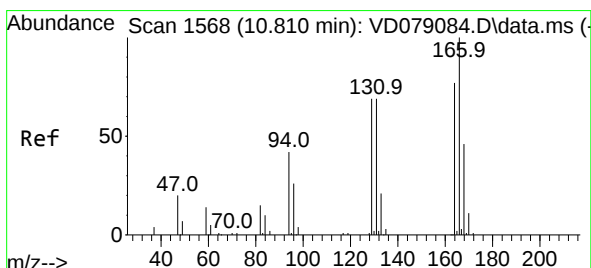
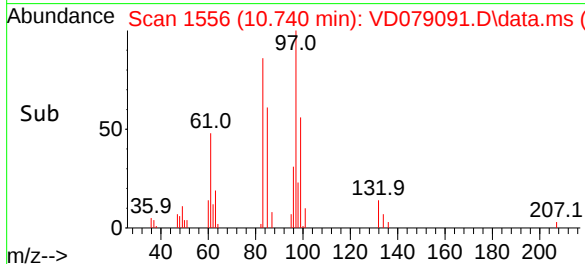
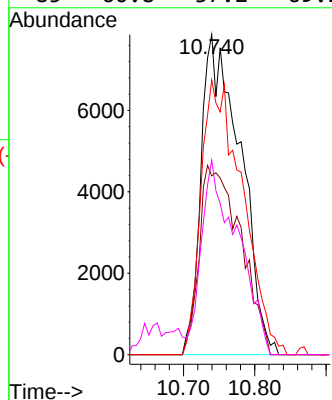
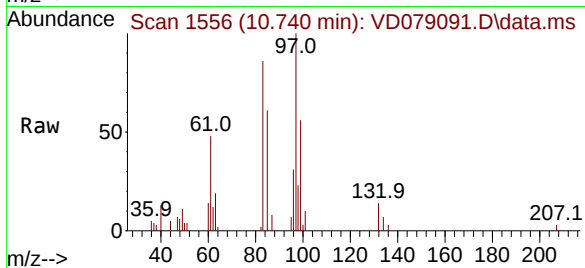
Ion Ratio Lower Upper

97 100

99 55.9 43.0 79.8

83 85.8 58.9 109.5

85 60.8 37.2 69.2



#46

Tetrachloroethene

Concen: 15.828 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

Tgt Ion:164 Resp: 53413

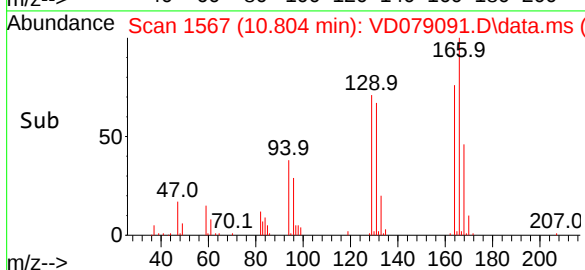
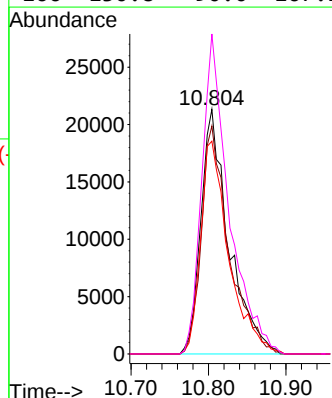
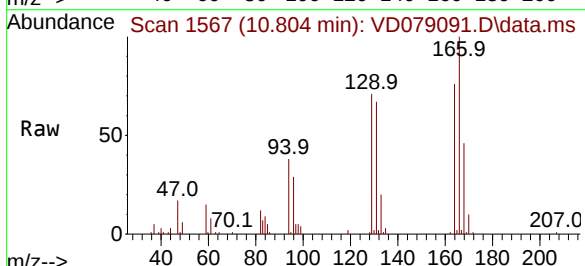
Ion Ratio Lower Upper

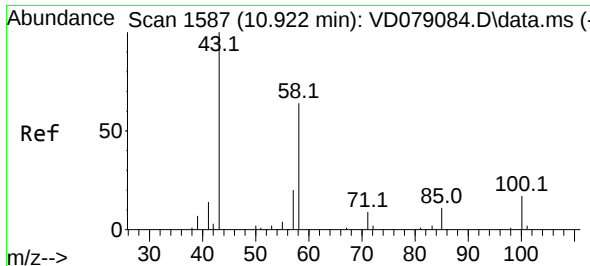
164 100

129 93.2 64.3 119.5

131 87.0 61.2 113.8

166 130.8 90.0 167.2

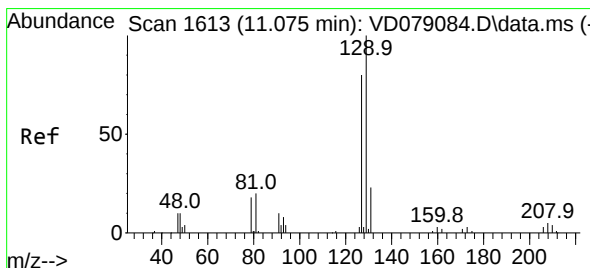
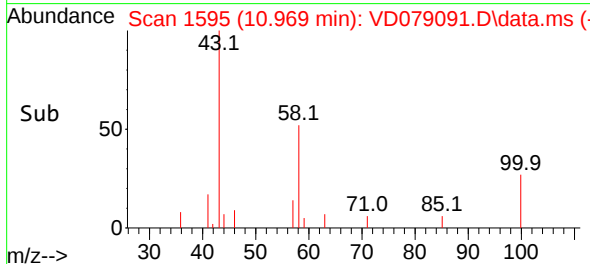
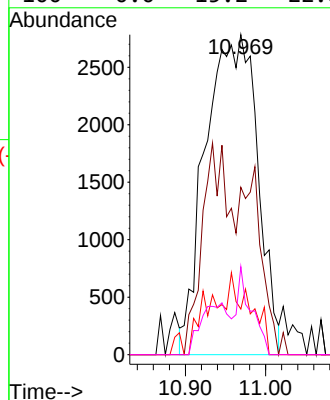
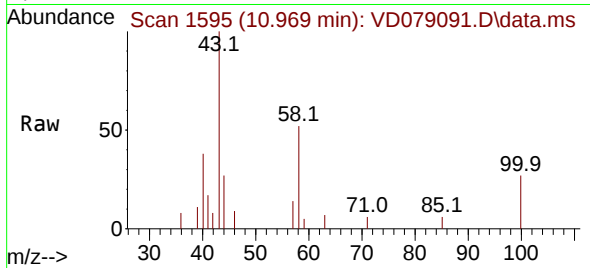




#48
2-Hexanone
Concen: 9.513 ug/L m
RT: 10.969 min Scan# 1587
Delta R.T. 0.047 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

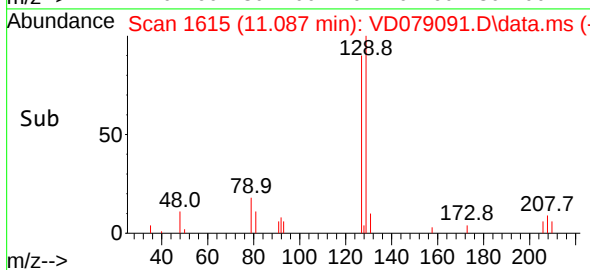
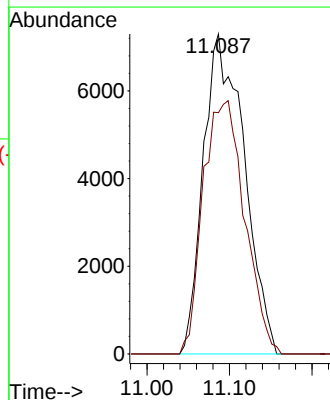
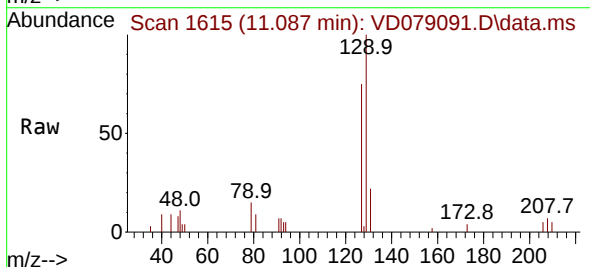
Instrument :
MSVOA_D
ClientSampleId :
A4D18MSD

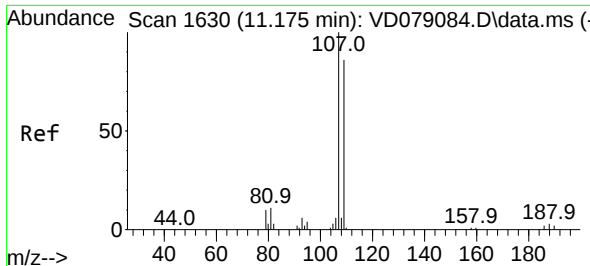
Tgt Ion: 43	Resp: 12525
Ion Ratio	Lower Upper
43 100	
58 0.0	50.1 75.1#
57 1.0	16.5 24.7#
100 0.0	15.2 22.8#



#49
Dibromochloromethane
Concen: 6.632 ug/L m
RT: 11.087 min Scan# 1615
Delta R.T. 0.012 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion:129	Resp:	25112	
Ion	Ratio	Lower	Upper
129	100		
127	75.4	56.4	104.7

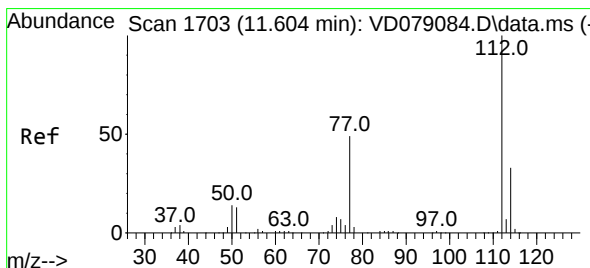
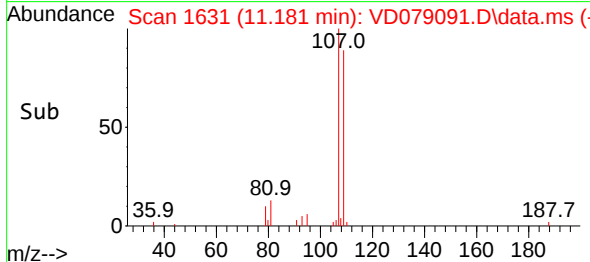
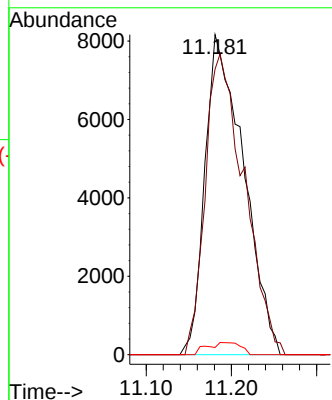
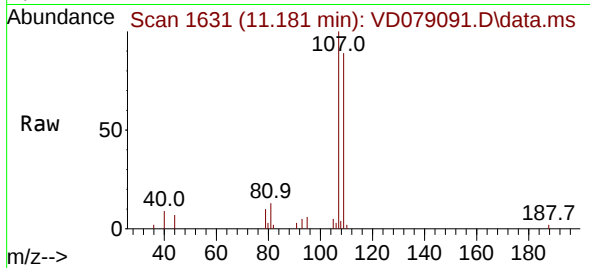




#50
1,2-Dibromoethane
Concen: 8.721 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

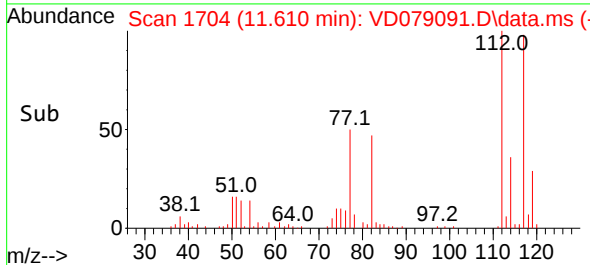
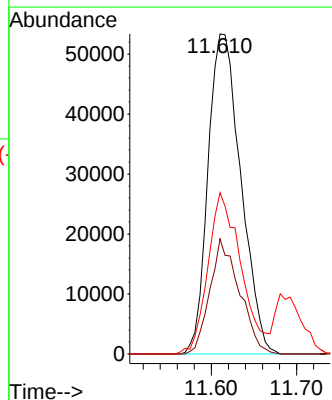
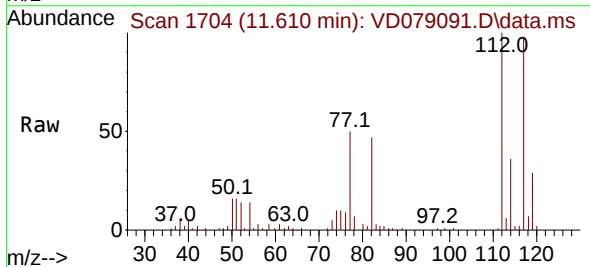
Instrument :
MSVOA_D
ClientSampleId :
A4D18MSD

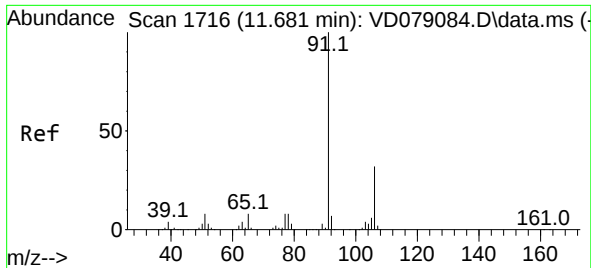
Tgt Ion:107 Resp: 25628
Ion Ratio Lower Upper
107 100
109 89.3 64.5 119.7
188 2.3 2.6 3.8#



#51
Chlorobenzene
Concen: 12.986 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion:112 Resp: 142767
Ion Ratio Lower Upper
112 100
114 36.0 22.7 42.3
77 50.4 38.4 57.6

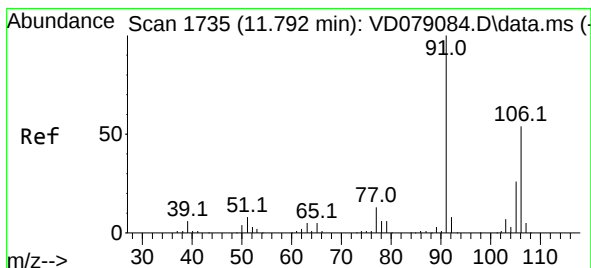
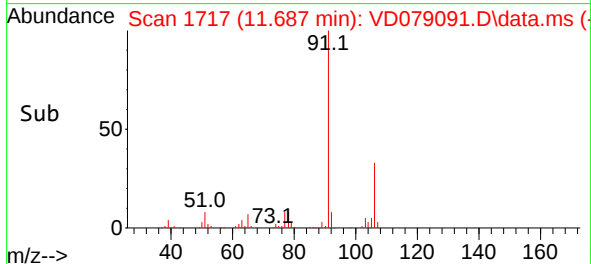
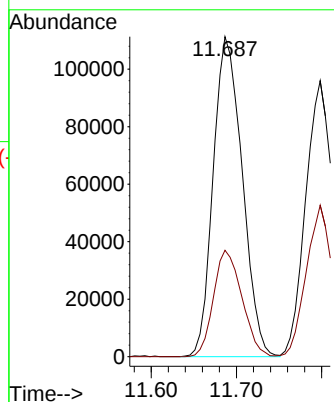
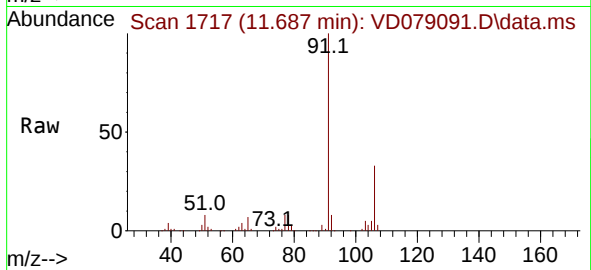




#52
Ethylbenzene
Concen: 15.302 ug/L
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

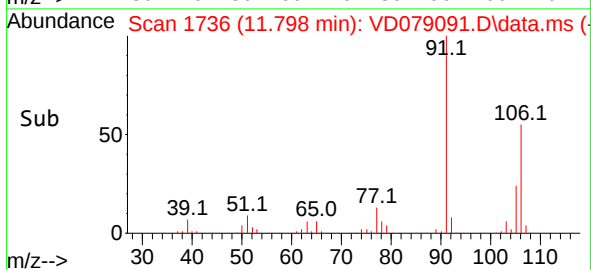
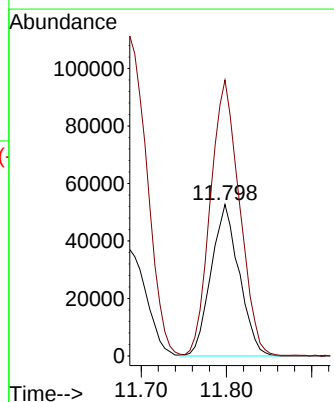
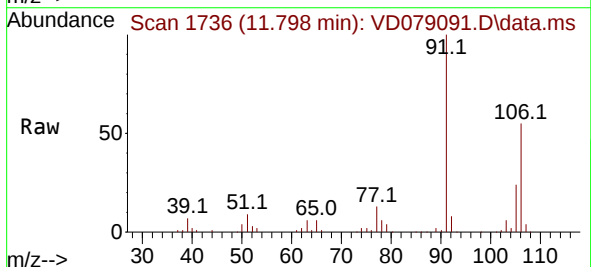
Instrument :
MSVOA_D
ClientSampleId :
A4D18MSD

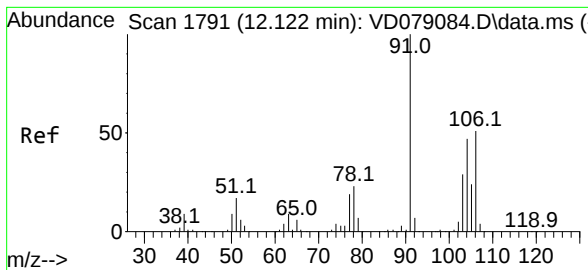
Tgt Ion: 91 Resp: 263737
Ion Ratio Lower Upper
91 100
106 33.3 22.3 41.5



#53
m,p-Xylene
Concen: 17.863 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion:106 Resp: 120791
Ion Ratio Lower Upper
106 100
91 182.3 133.1 247.1





#54

o-Xylene

Concen: 13.617 ug/L

RT: 12.128 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

Instrument :

MSVOA_D

ClientSampleId :

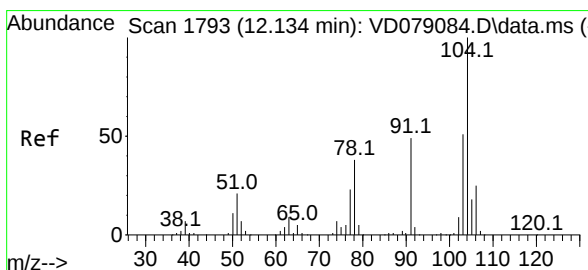
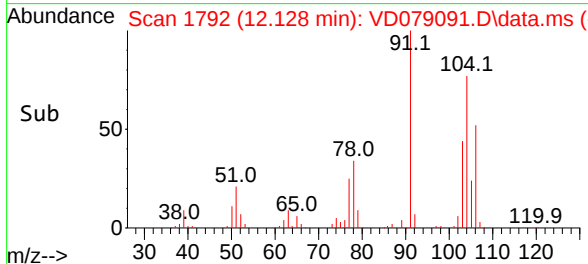
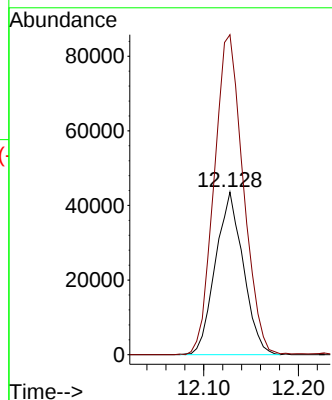
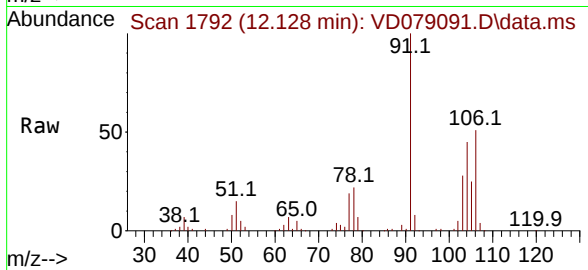
A4D18MSD

Tgt Ion:106 Resp: 88963

Ion Ratio Lower Upper

106 100

91 196.8 132.9 246.9



#55

Styrene

Concen: 11.967 ug/L

RT: 12.145 min Scan# 1795

Delta R.T. 0.012 min

Lab File: VD079091.D

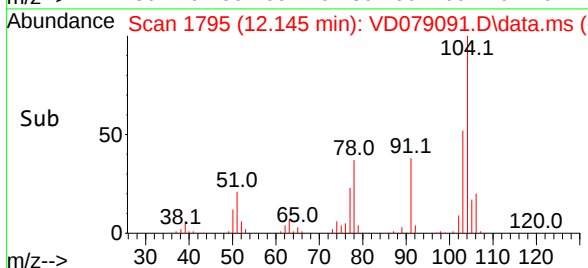
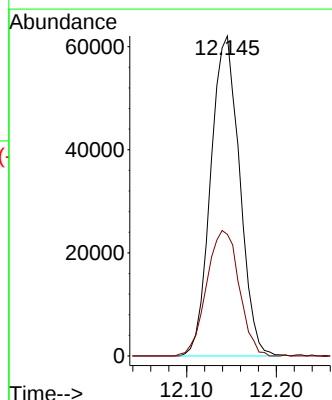
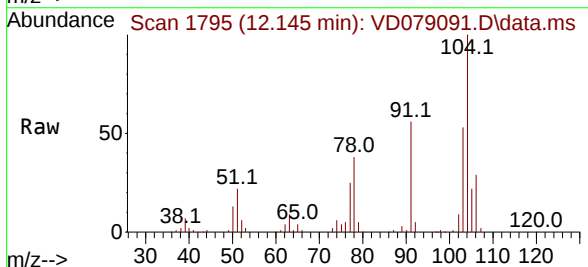
Acq: 30 May 2024 12:57

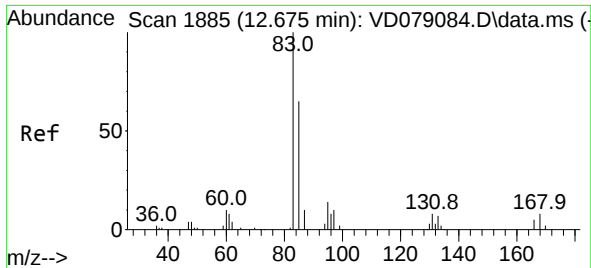
Tgt Ion:104 Resp: 138622

Ion Ratio Lower Upper

104 100

78 38.0 27.8 51.6

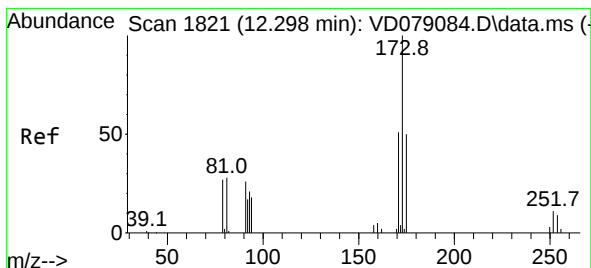
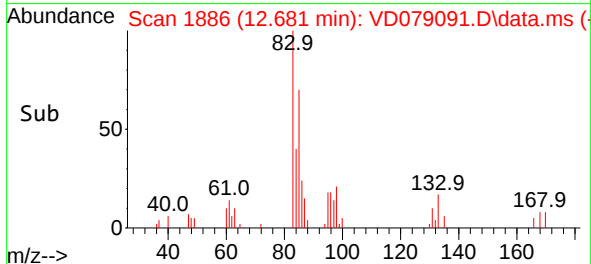
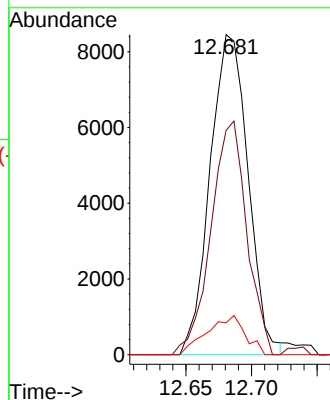
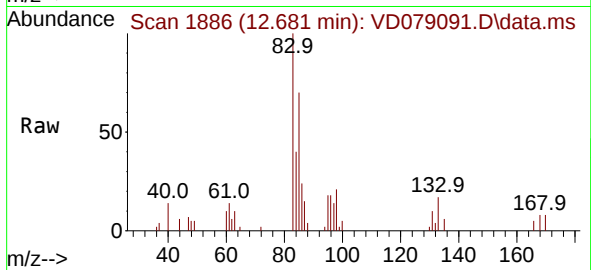




#57
1,1,2,2-Tetrachloroethane
Concen: 4.763 ug/L
RT: 12.681 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

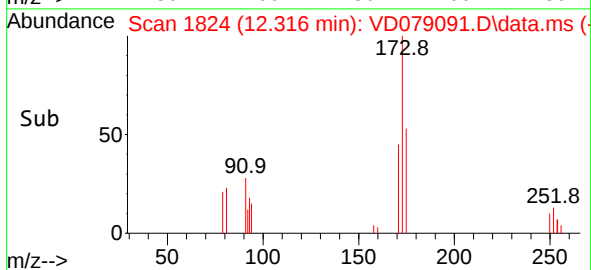
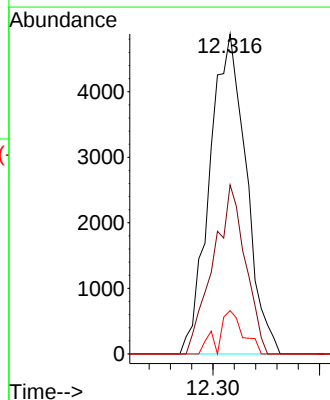
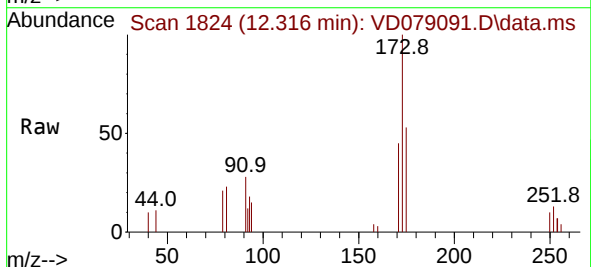
Instrument :
MSVOA_D
ClientSampleId :
A4D18MSD

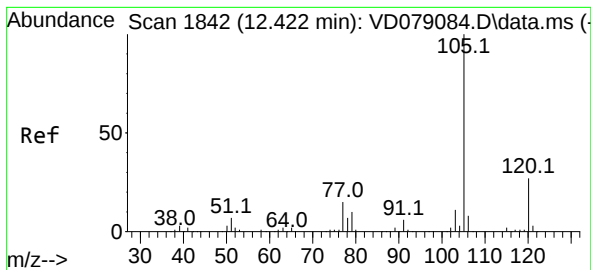
Tgt Ion: 83	Resp: 17048
Ion Ratio	Lower Upper
83 100	
85 70.1	47.5 88.1
131 9.9	8.6 13.0



#59
Bromoform
Concen: 7.281 ug/L
RT: 12.316 min Scan# 1824
Delta R.T. 0.018 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion: 173	Resp: 11601
Ion Ratio	Lower Upper
173 100	
175 46.7	38.2 57.4
254 6.9	7.0 10.6





#60

Isopropylbenzene

Concen: 21.966 ug/L

RT: 12.428 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

Instrument :

MSVOA_D

ClientSampleId :

A4D18MSD

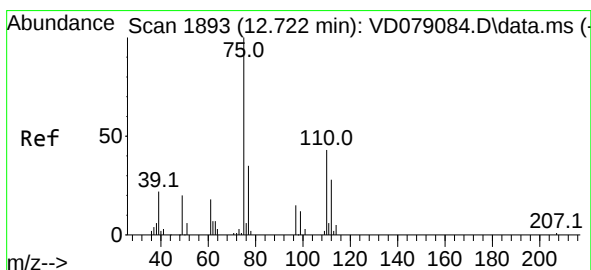
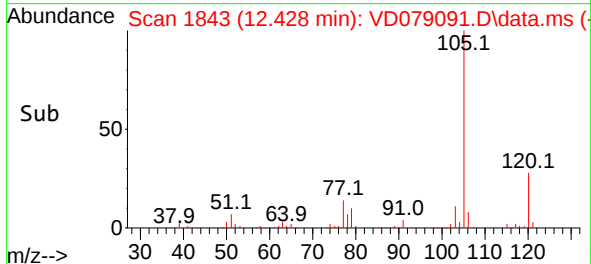
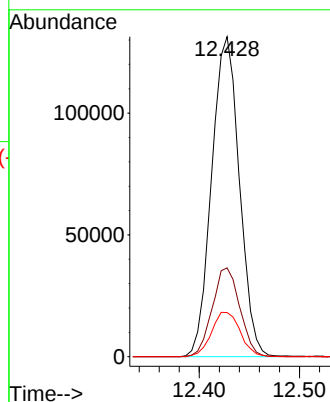
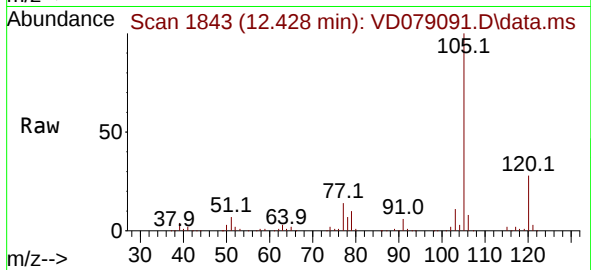
Tgt Ion:105 Resp: 252500

Ion Ratio Lower Upper

105 100

120 27.5 21.9 32.9

77 14.4 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 8.840 ug/L

RT: 12.734 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

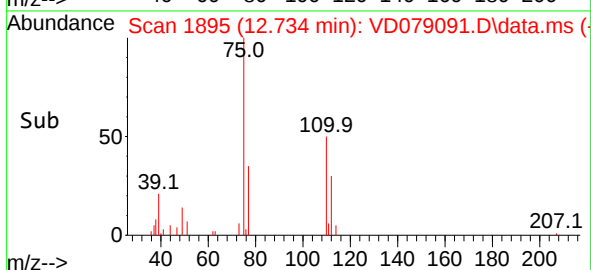
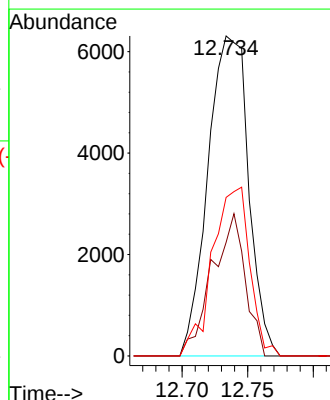
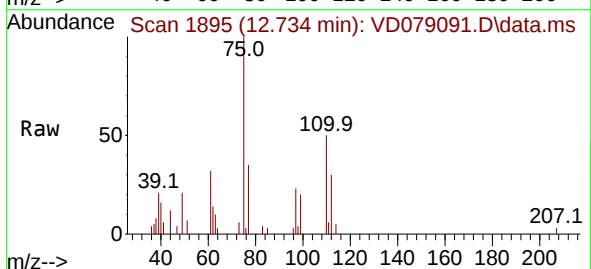
Tgt Ion: 75 Resp: 13568

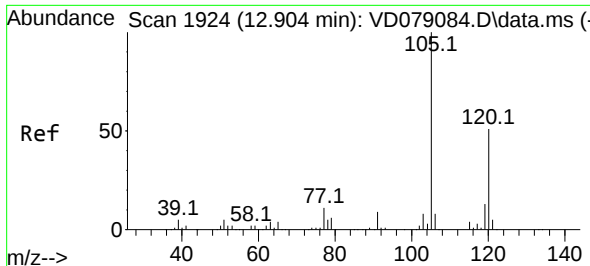
Ion Ratio Lower Upper

75 100

77 36.4 25.9 38.9

110 44.8 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 21.096 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD079091.D

Acq: 30 May 2024 12:57

Instrument :

MSVOA_D

ClientSampleId :

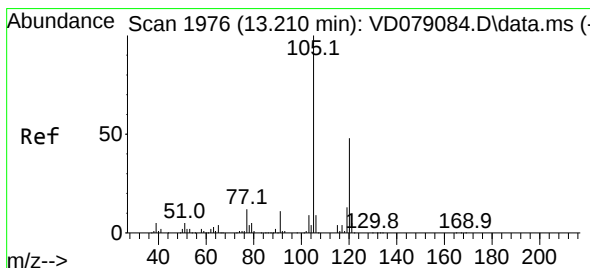
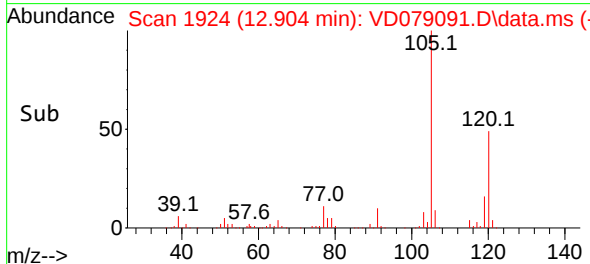
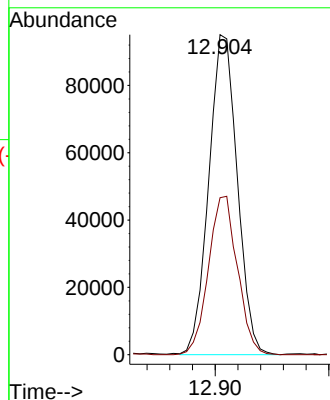
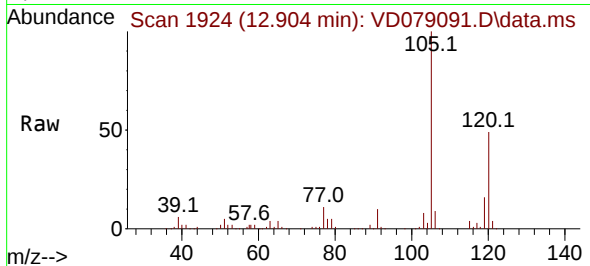
A4D18MSD

Tgt Ion:105 Resp: 165807

Ion Ratio Lower Upper

105 100

120 50.2 40.7 61.1



#63

1,2,4-Trimethylbenzene

Concen: 19.329 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD079091.D

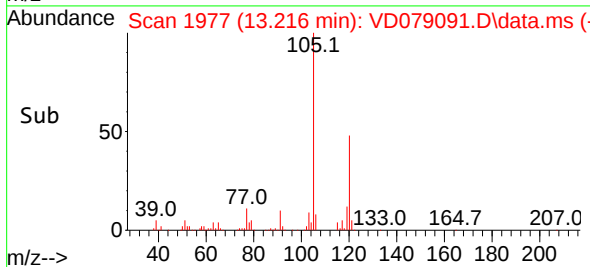
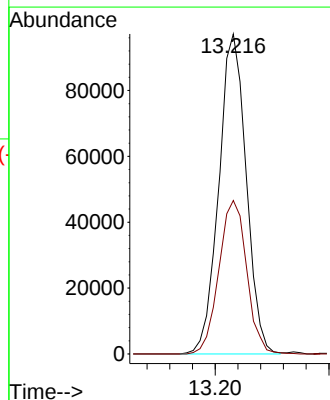
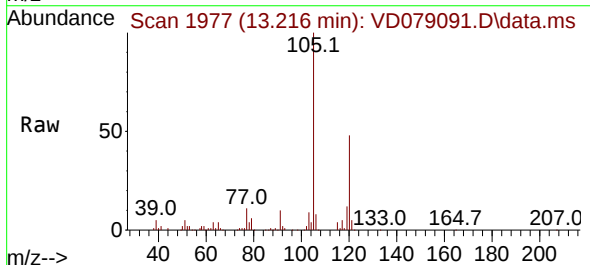
Acq: 30 May 2024 12:57

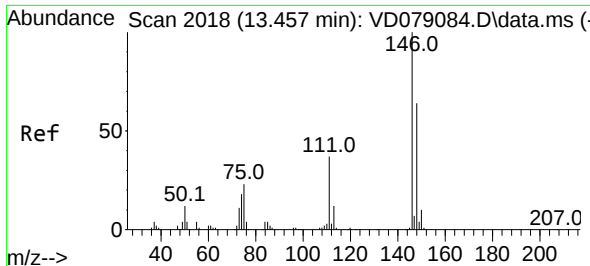
Tgt Ion:105 Resp: 162488

Ion Ratio Lower Upper

105 100

120 48.7 38.0 57.0

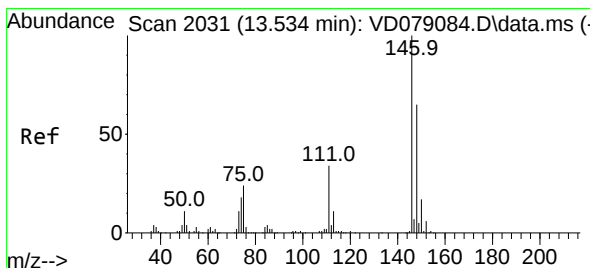
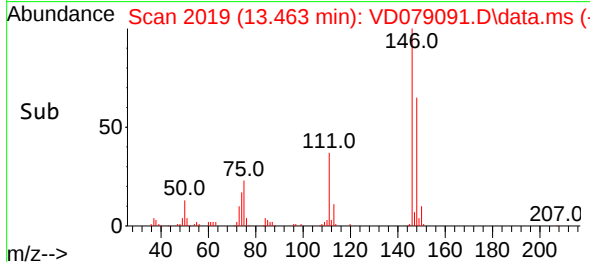
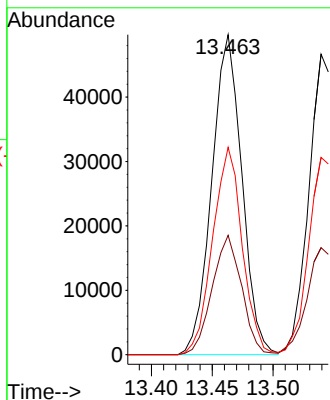
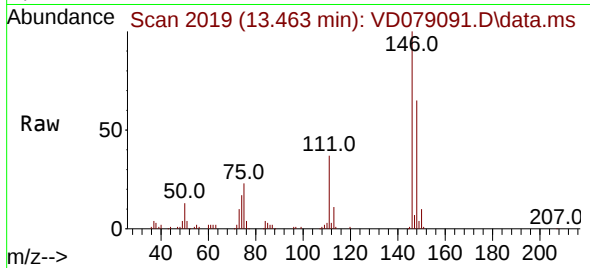




#64
1,3-Dichlorobenzene
Concen: 15.476 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

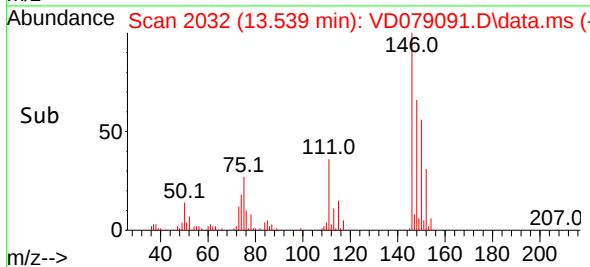
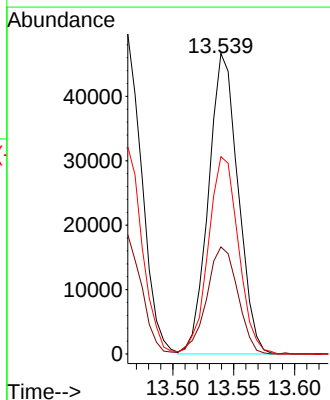
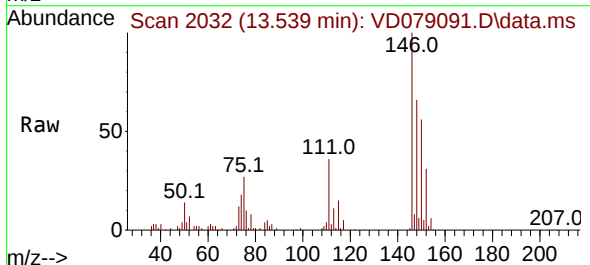
Instrument :
MSVOA_D
ClientSampleId :
A4D18MSD

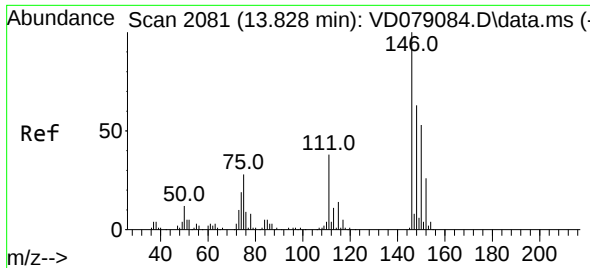
Tgt Ion:146 Resp: 85462
Ion Ratio Lower Upper
146 100
111 37.3 24.4 45.4
148 64.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 13.484 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion:146 Resp: 78898
Ion Ratio Lower Upper
146 100
111 35.6 26.3 48.9
148 65.6 43.1 80.1

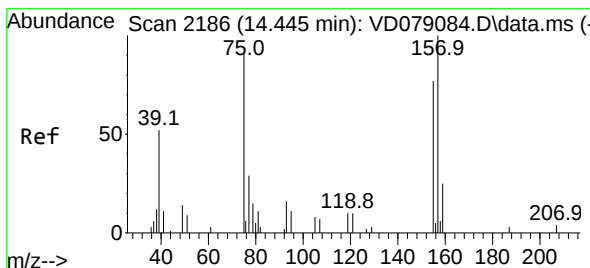
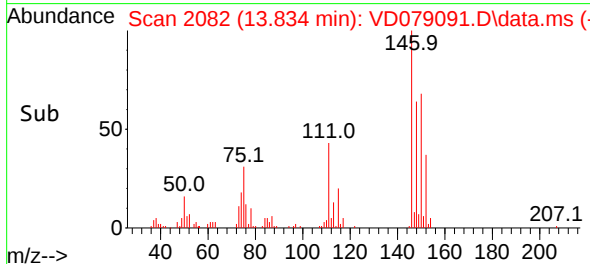
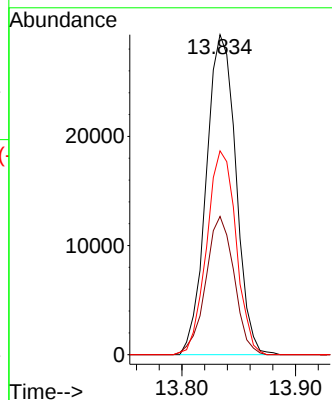
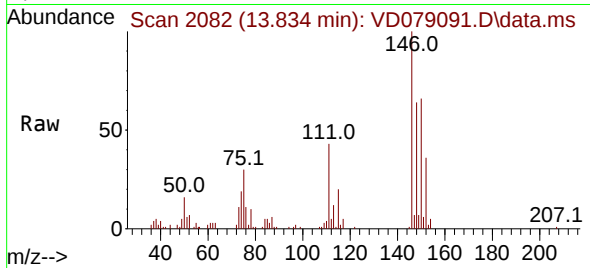




#67
 1,2-Dichlorobenzene
 Concen: 10.414 ug/L
 RT: 13.834 min Scan# 2081
 Delta R.T. 0.006 min
 Lab File: VD079091.D
 Acq: 30 May 2024 12:57

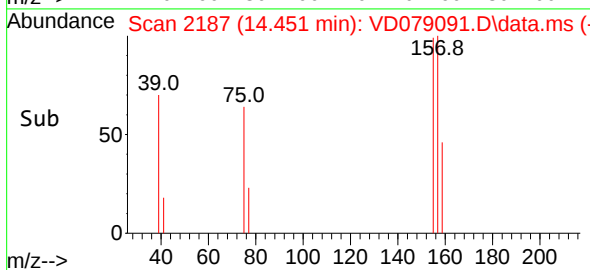
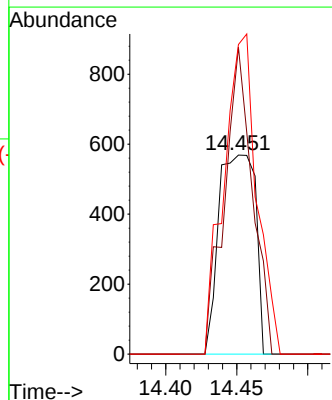
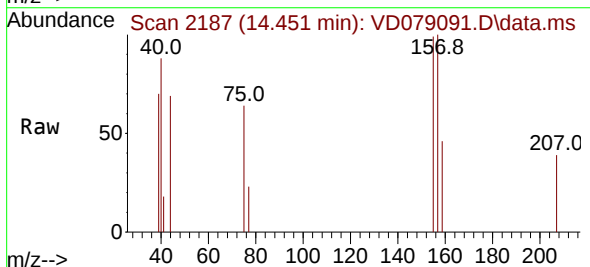
Instrument :
 MSVOA_D
 ClientSampleId :
 A4D18MSD

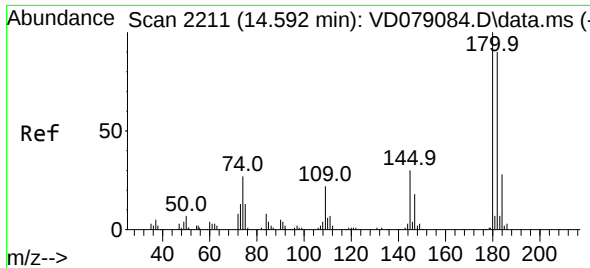
Tgt Ion:146 Resp: 53162
 Ion Ratio Lower Upper
 146 100
 111 43.2 29.1 43.7
 148 63.7 51.2 76.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 3.236 ug/L
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.006 min
 Lab File: VD079091.D
 Acq: 30 May 2024 12:57

Tgt Ion: 75 Resp: 1021
 Ion Ratio Lower Upper
 75 100
 155 154.1 68.1 102.1#
 157 155.5 91.6 137.4#

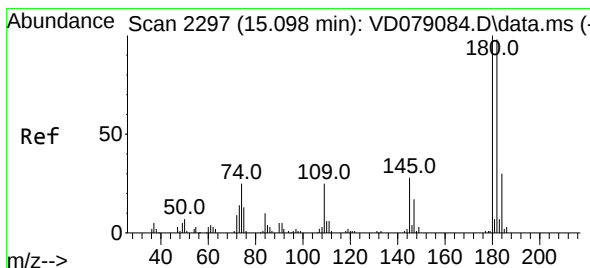
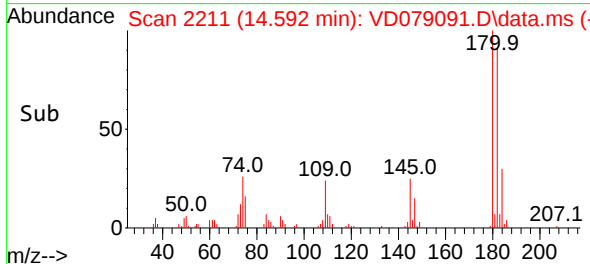
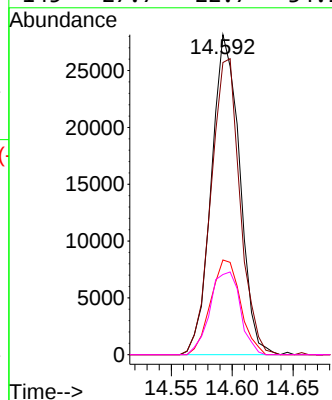
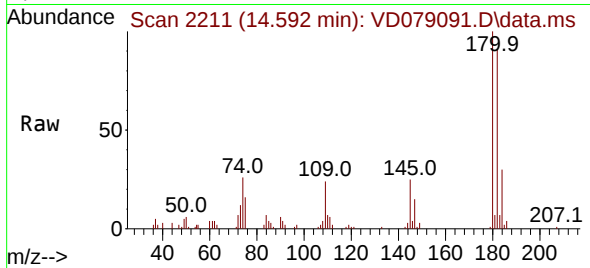




#69
 1,3,5-Trichlorobenzene
 Concen: 13.063 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079091.D
 Acq: 30 May 2024 12:57

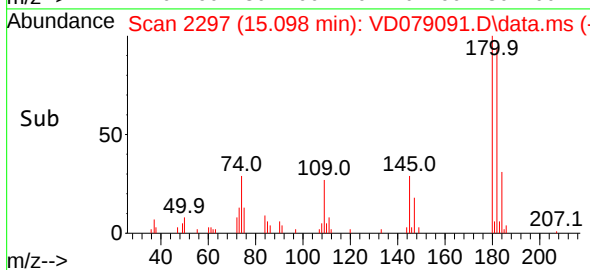
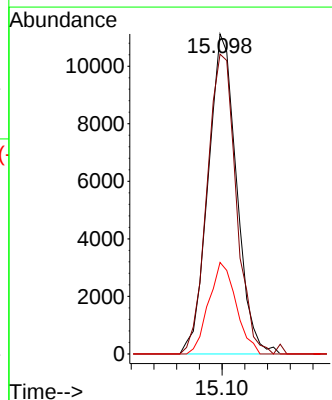
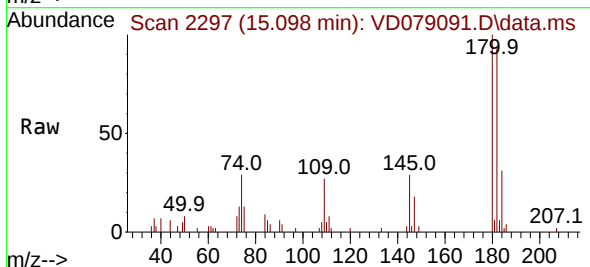
Instrument :
 MSVOA_D
 ClientSampleId :
 A4D18MSD

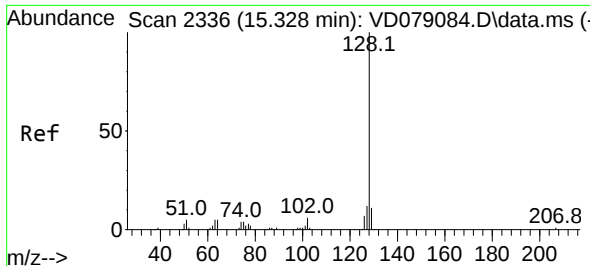
Tgt Ion:	180	Resp:	45497
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.9	115.3
184	31.2	23.3	34.9
145	27.7	22.7	34.1



#70
 1,2,4-trichlorobenzene
 Concen: 6.670 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD079091.D
 Acq: 30 May 2024 12:57

Tgt Ion:	180	Resp:	19293
Ion Ratio	Lower	Upper	
180	100		
182	95.8	73.8	110.6
145	27.5	22.3	33.5

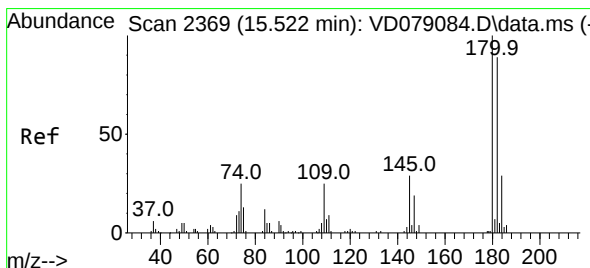
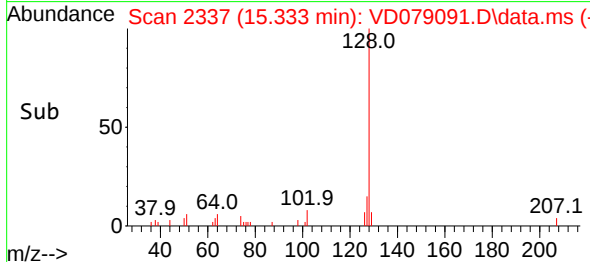
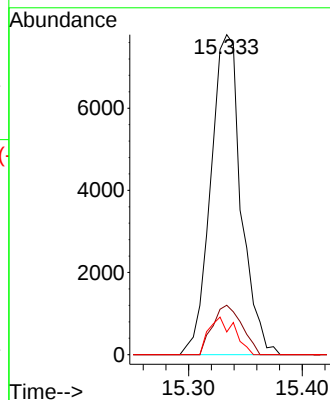
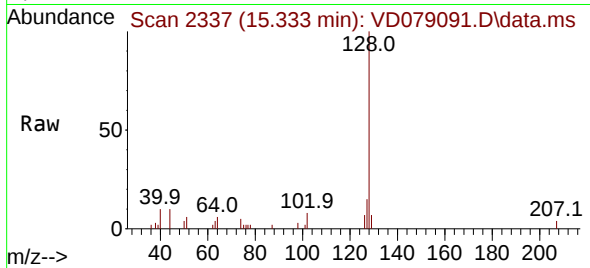




#71
Naphthalene
Concen: 2.684 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Instrument :
MSVOA_D
ClientSampleId :
A4D18MSD

Tgt Ion:128	Resp:	14522
Ion Ratio	Lower	Upper
128	100	
127	14.8	10.8 16.2
129	9.9	8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 3.740 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079091.D
Acq: 30 May 2024 12:57

Tgt Ion:180	Resp:	9350
Ion Ratio	Lower	Upper
180	100	
182	97.2	79.4 119.2
145	30.9	24.7 37.1

