

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079056.D
 Acq On : 29 May 2024 10:21
 Operator : RP/MD
 Sample : VSTD025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 30 00:41:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 00:39:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	201741	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	200763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	106424	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	150584	28.337	ug/L	0.00
7) Chloroethane-d5	2.799	69	141346	25.565	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	26339	25.849	ug/L	0.00
21) 2-Butanone-d5	6.981	46	21773	32.308	ug/L	0.00
24) Chloroform-d	7.569	84	132608	21.756	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	61894	21.559	ug/L	0.00
32) Benzene-d6	8.198	84	269595	25.357	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	74551	23.288	ug/L	0.00
41) Toluene-d8	10.269	98	257442	25.914	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	31607	21.558	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	20477	33.980	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	66329	19.016	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	82990	22.397	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	78604	19.705	ug/L	100
3) Chloromethane	2.146	50	105064	21.124	ug/L	100
5) Vinyl chloride	2.281	62	172863	21.241	ug/L	100
6) Bromomethane	2.693	94	135654	22.740	ug/L	100
8) Chloroethane	2.834	64	127417	20.535	ug/L	100
9) Trichlorofluoromethane	3.175	101	156790	24.035	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	79359	20.019	ug/L	100
12) 1,1-Dichloroethene	3.940	96	69593	20.009	ug/L	100
13) Acetone	4.022	43	36066	42.683	ug/L	98
14) Carbon disulfide	4.269	76	245236	23.268	ug/L	100
15) Methyl Acetate	4.563	43	23804	18.113	ug/L	100
16) Methylene chloride	4.793	84	78395	16.705	ug/L	100
17) trans-1,2-Dichloroethene	5.316	96	78221	22.038	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	137107	18.802	ug/L	100
19) 1,1-Dichloroethane	6.116	63	121530	20.872	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	80040	20.230	ug/L	100
22) 2-Butanone	7.081	43	37113	39.740	ug/L	100
23) Bromochloromethane	7.428	128	40373	20.370	ug/L	100
25) Chloroform	7.598	83	135448	19.433	ug/L	100
27) 1,2-Dichloroethane	8.328	62	81688	20.180	ug/L	100
29) Cyclohexane	7.875	56	97246	24.767	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	117165	21.384	ug/L	100
31) Carbon tetrachloride	7.993	117	109361	21.657	ug/L	100
33) Benzene	8.251	78	310443	22.737	ug/L	100
34) Trichloroethene	9.028	95	77726	22.057	ug/L	100
35) Methylcyclohexane	9.275	83	134083	24.615	ug/L	100
37) 1,2-Dichloropropane	9.304	63	73581	21.494	ug/L	100
38) Bromodichloromethane	9.581	83	99368	20.705	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	114504	21.349	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	65174	38.568	ug/L	100
42) Toluene	10.334	91	352026	23.333	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	102329	21.651	ug/L	100

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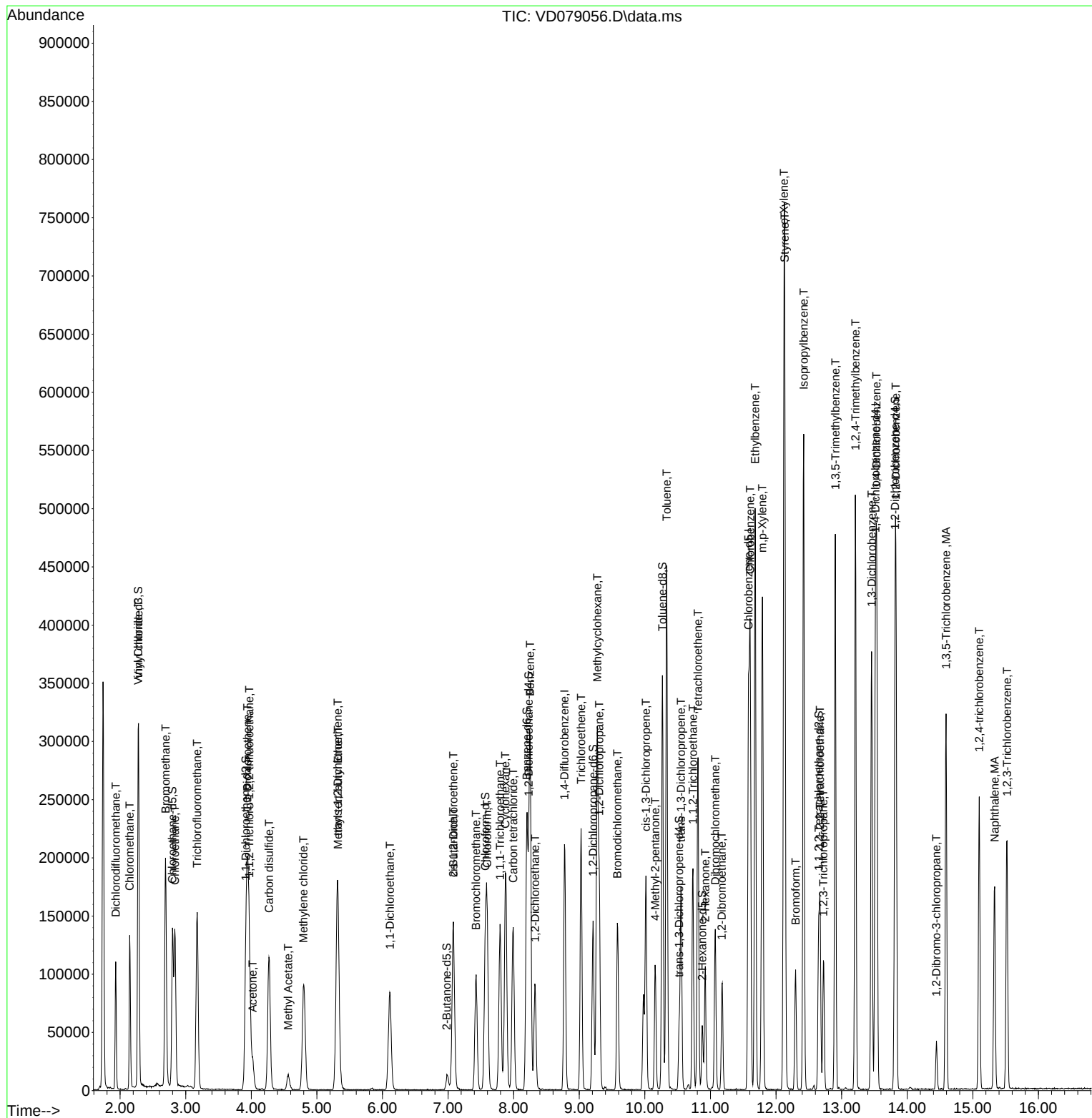
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	63366	20.537	ug/L	100
46) Tetrachloroethene	10.810	164	67605	22.044	ug/L	100
48) 2-Hexanone	10.922	43	59394	44.218	ug/L	100
49) Dibromochloromethane	11.075	129	74416	19.782	ug/L	100
50) 1,2-Dibromoethane	11.175	107	60591	20.579	ug/L	100
51) Chlorobenzene	11.604	112	221382	21.031	ug/L	100
52) Ethylbenzene	11.681	91	363378	22.527	ug/L	100
53) m,p-Xylene	11.792	106	145188	22.472	ug/L	100
54) o-Xylene	12.122	106	140348	22.246	ug/L	100
55) Styrene	12.134	104	250910	22.781	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	72772	19.546	ug/L	100
59) Bromoform	12.298	173	46829	19.872	ug/L	100
60) Isopropylbenzene	12.422	105	367606	23.410	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	47947	20.071	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	251361	22.007	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	272746	23.212	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	169723	22.334	ug/L	100
65) 1,4-Dichlorobenzene	13.533	146	175639	21.480	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	154756	21.582	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	9627	19.510	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	103813	21.055	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	84243	20.218	ug/L	100
71) Naphthalene	15.333	128	161872	19.325	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	75632	19.643	ug/L	100

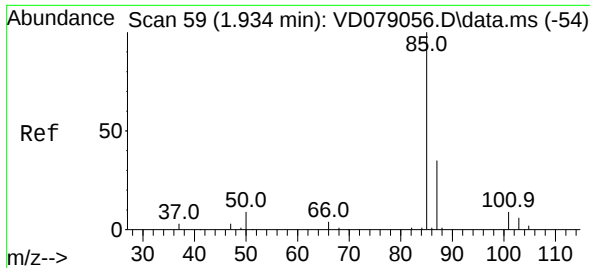
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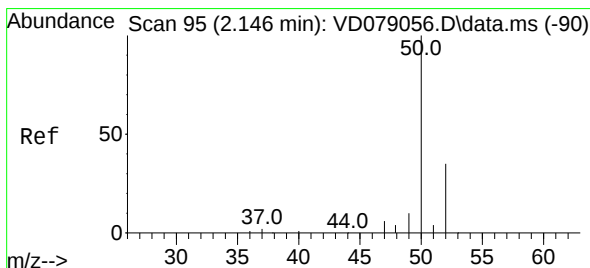
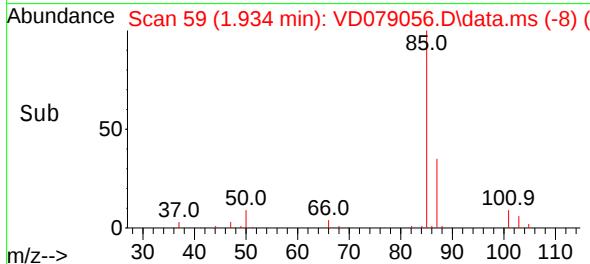
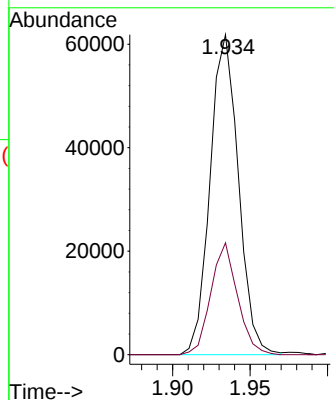
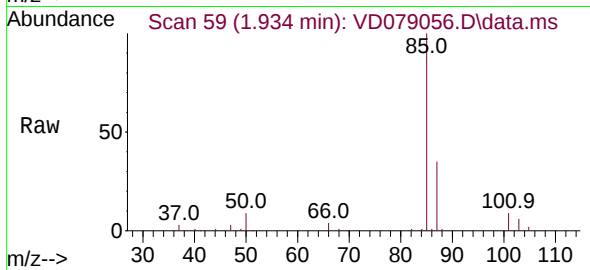




#2
 Dichlorodifluoromethane
 Concen: 19.705 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079056.D
 Acq: 29 May 2024 10:21

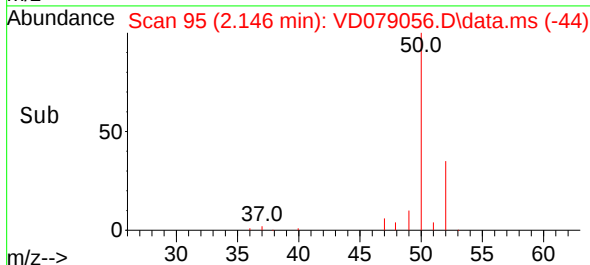
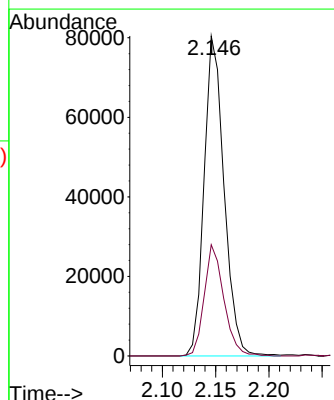
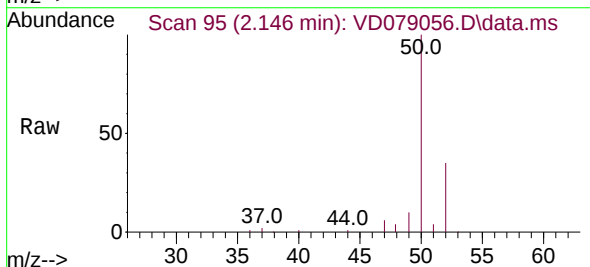
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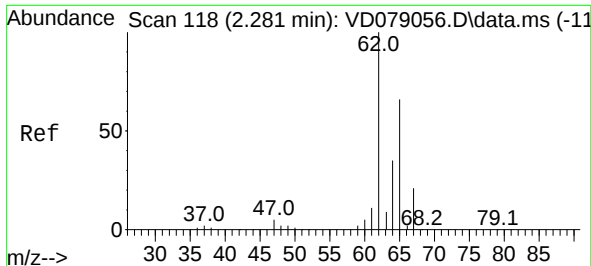
Tgt Ion: 85 Resp: 78604
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 21.124 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079056.D
 Acq: 29 May 2024 10:21

Tgt Ion: 50 Resp: 105064
 Ion Ratio Lower Upper
 50 100
 52 34.8 24.4 45.2

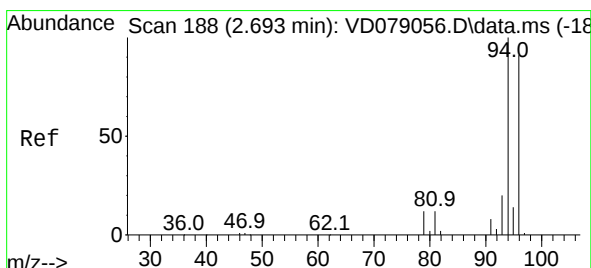
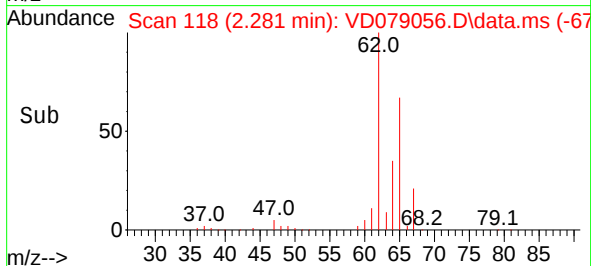
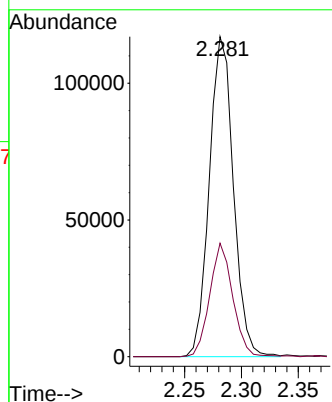
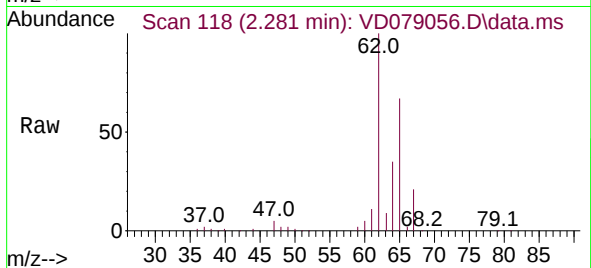




#5
 Vinyl chloride
 Concen: 21.241 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079056.D
 Acq: 29 May 2024 10:21

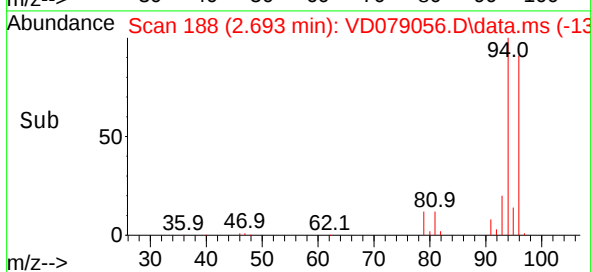
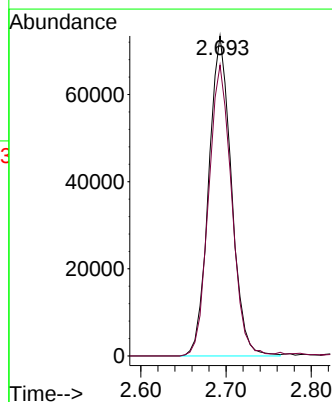
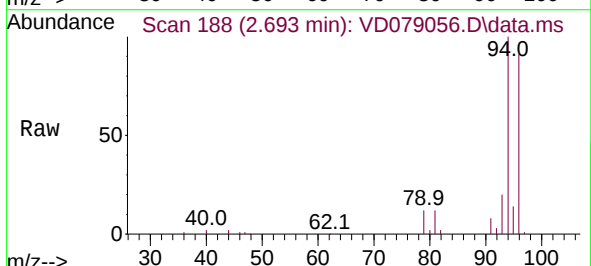
Instrument :
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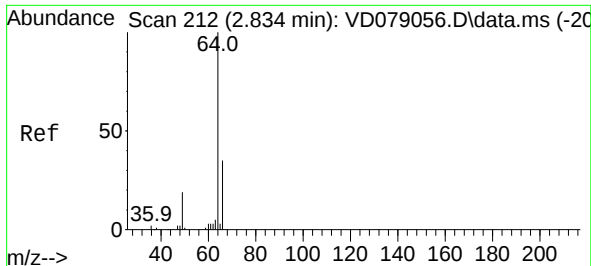
Tgt Ion: 62 Resp: 172863
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.8 46.1



#6
 Bromomethane
 Concen: 22.740 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079056.D
 Acq: 29 May 2024 10:21

Tgt Ion: 94 Resp: 135654
 Ion Ratio Lower Upper
 94 100
 96 90.9 63.6 118.2

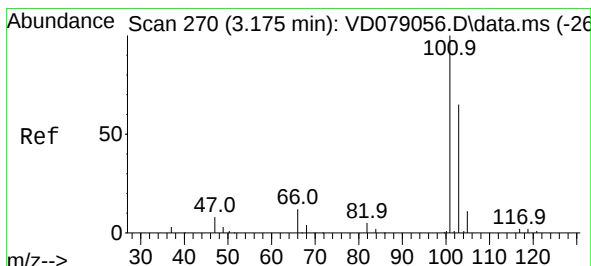
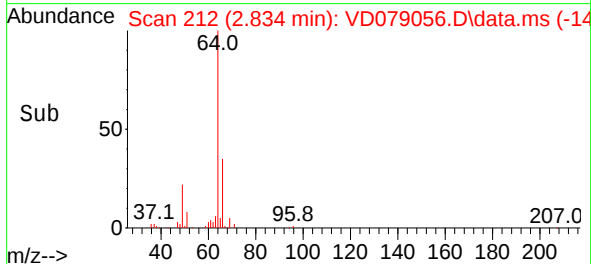
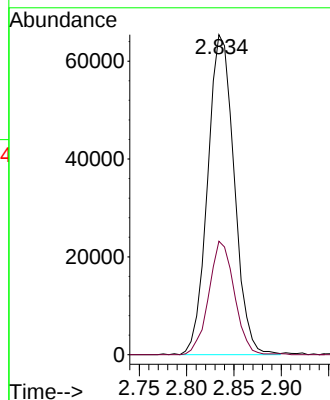
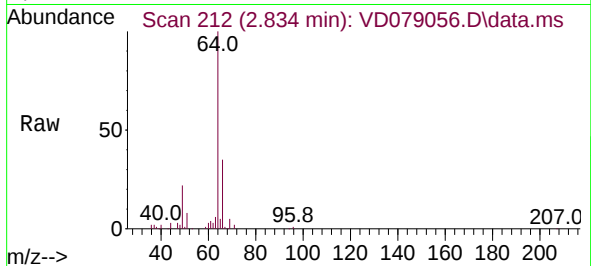




#8
Chloroethane
Concen: 20.535 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

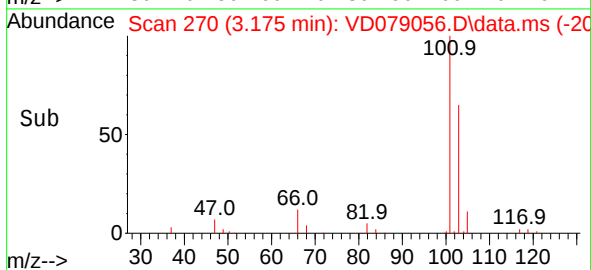
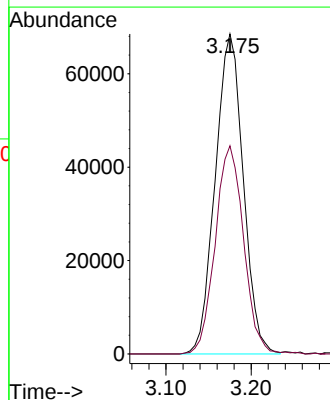
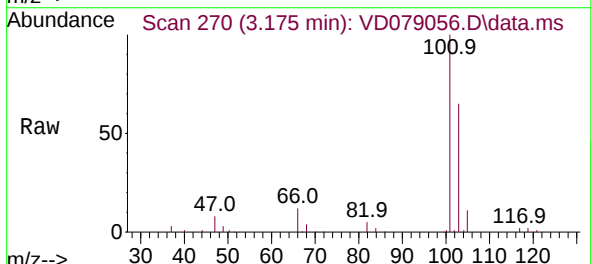
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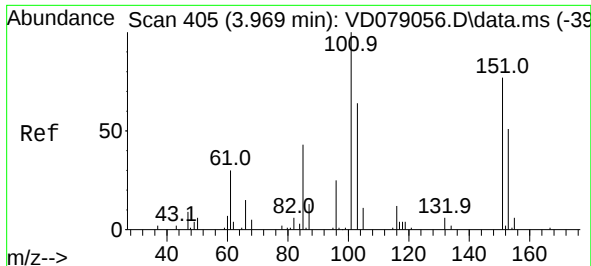
Tgt Ion: 64 Resp: 127417
Ion Ratio Lower Upper
64 100
66 35.5 24.8 46.1



#9
Trichlorofluoromethane
Concen: 24.035 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion:101 Resp: 156790
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

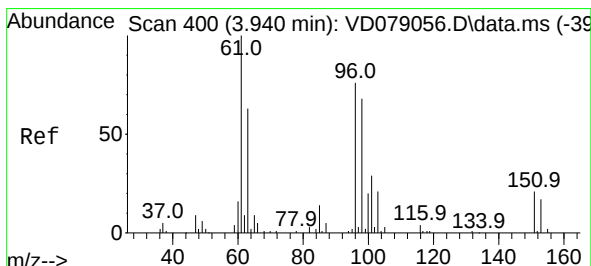
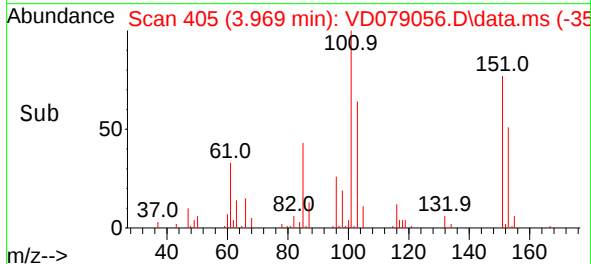
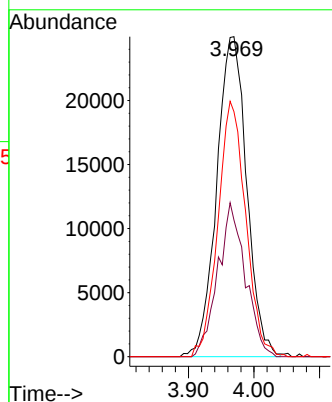
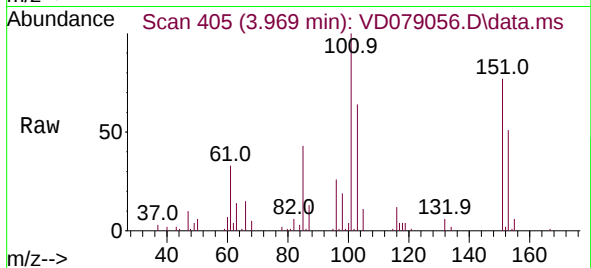




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.019 ug/L
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

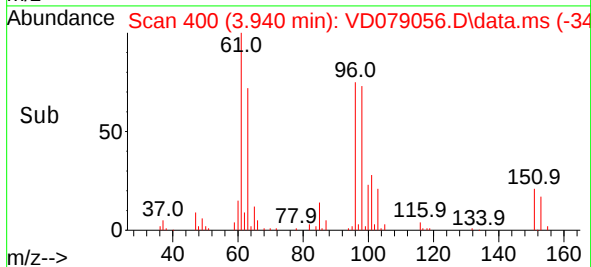
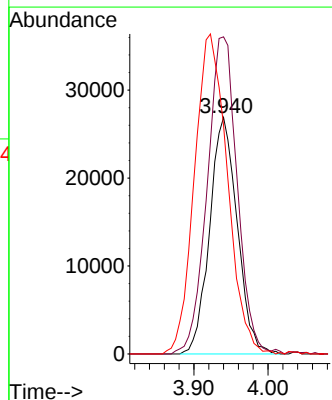
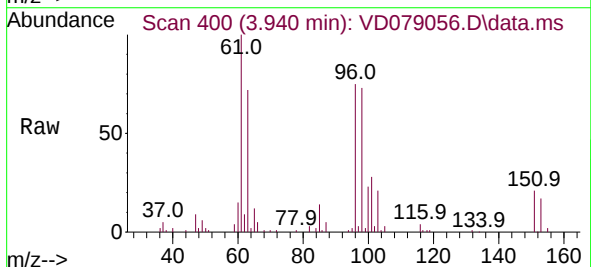
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ClientSampleId :

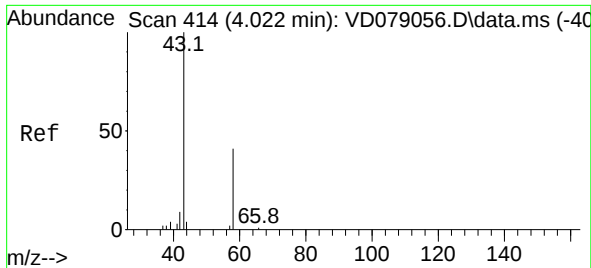
Tgt Ion:101 Resp: 79359
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.0
151 73.9 59.1 88.7



#12
1,1-Dichloroethene
Concen: 20.009 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion: 96 Resp: 69593
Ion Ratio Lower Upper
96 100
61 134.1 93.9 174.3
63 96.7 67.7 125.7





#13

Acetone

Concen: 42.683 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

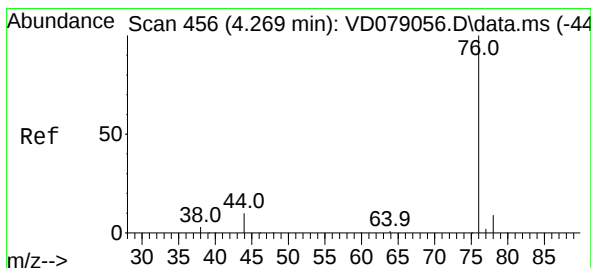
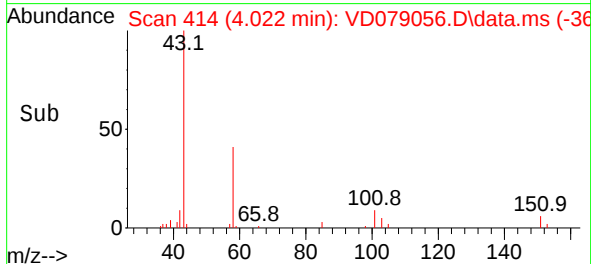
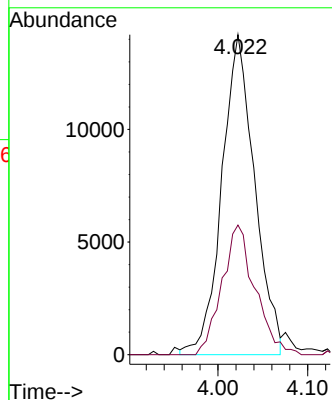
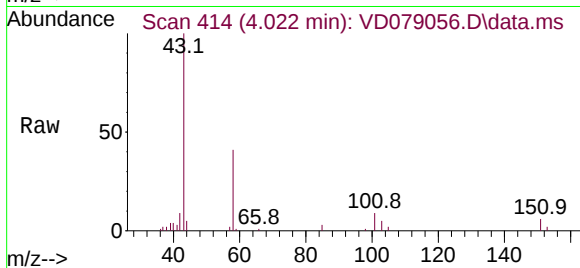
ClientSampleId :

Tgt Ion: 43 Resp: 36066

Ion Ratio Lower Upper

43 100

58 40.6 0.0 78.2



#14

Carbon disulfide

Concen: 23.268 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079056.D

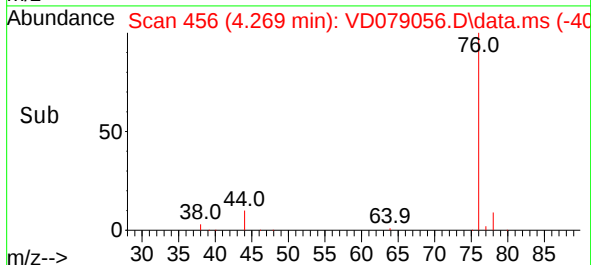
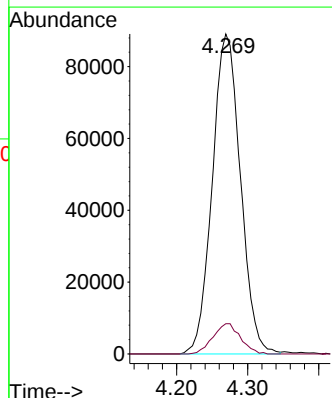
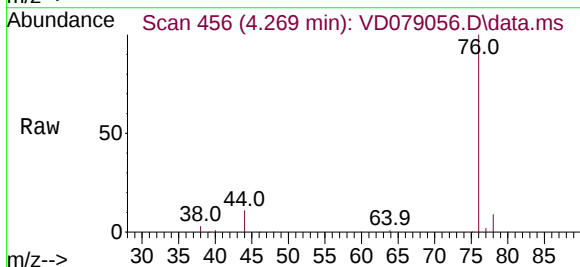
Acq: 29 May 2024 10:21

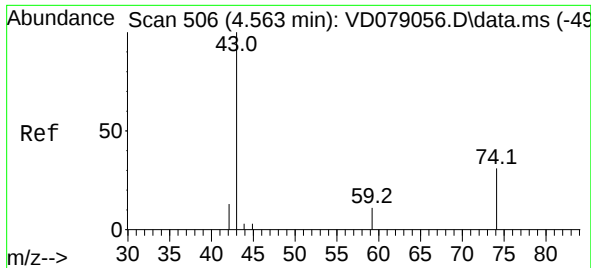
Tgt Ion: 76 Resp: 245236

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

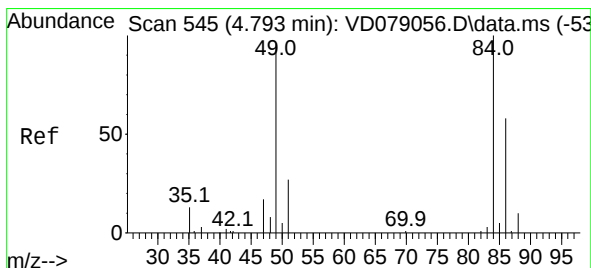
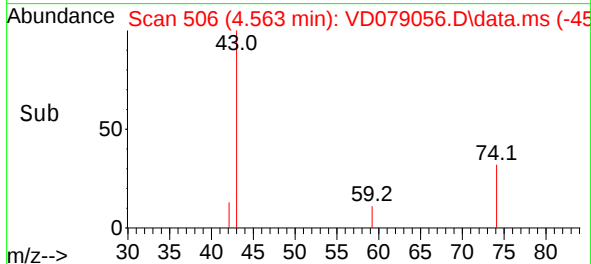
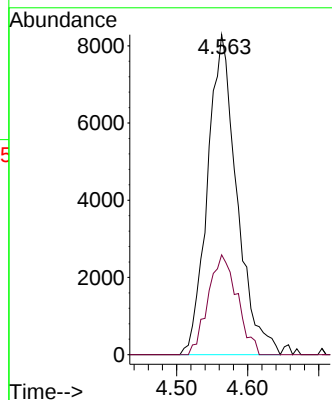
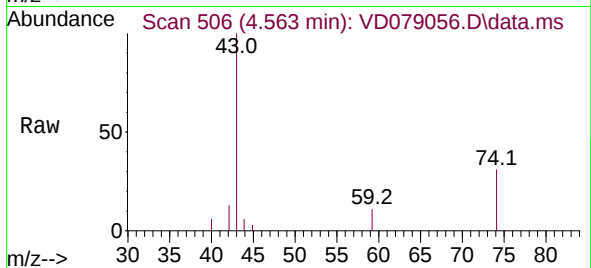




#15
Methyl Acetate
Concen: 18.113 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

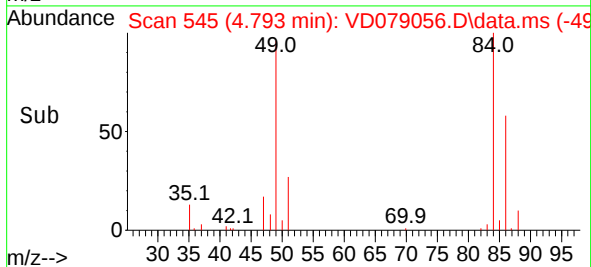
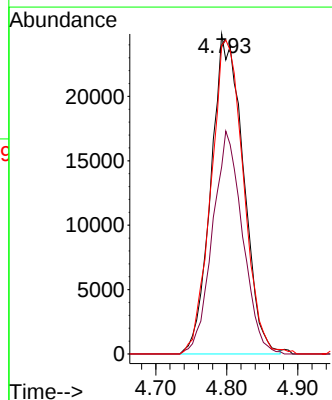
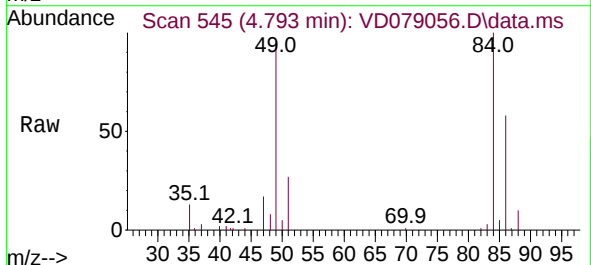
Instrument :
MSVOA_D
ClientSampleId :

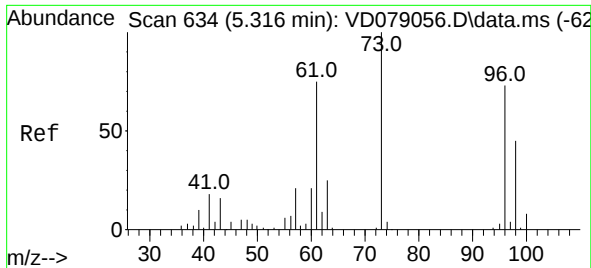
Tgt Ion: 43 Resp: 23804
Ion Ratio Lower Upper
43 100
74 29.7 23.8 35.6



#16
Methylene chloride
Concen: 16.705 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion: 84 Resp: 78395
Ion Ratio Lower Upper
84 100
86 58.5 40.9 76.0
49 96.4 67.5 125.3

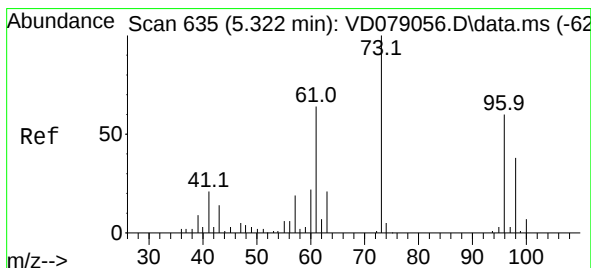
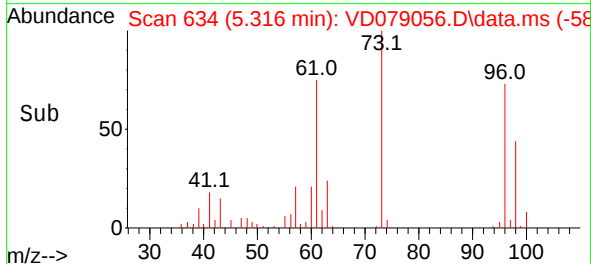
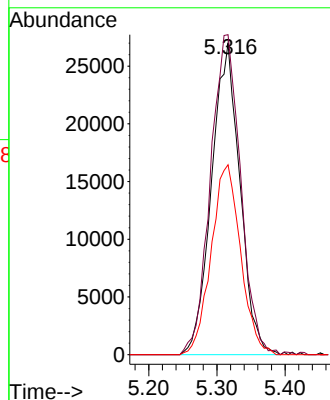
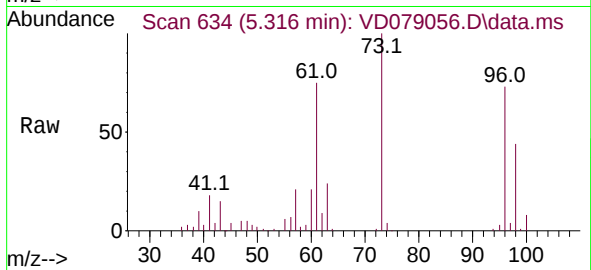




#17
trans-1,2-Dichloroethene
Concen: 22.038 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

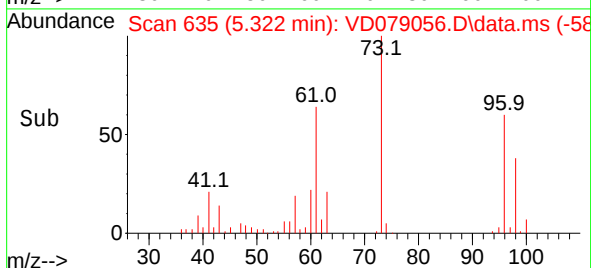
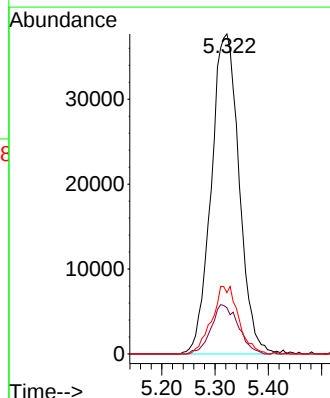
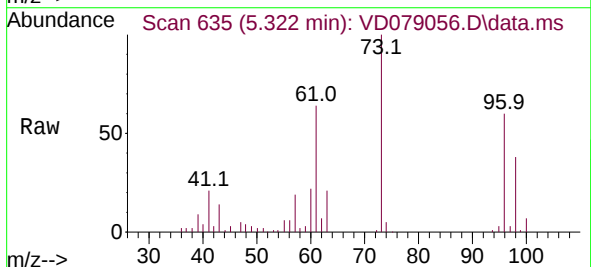
Instrument :
MSVOA_D
ClientSampleId :

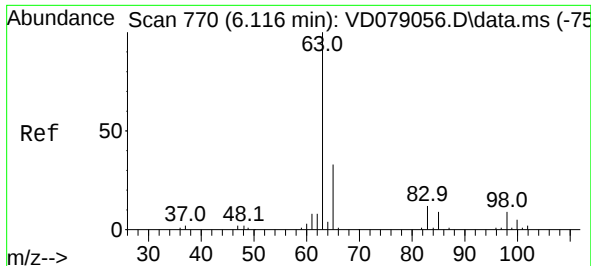
Tgt Ion: 96 Resp: 78221
Ion Ratio Lower Upper
96 100
61 102.7 71.9 133.5
98 60.9 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 18.802 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion: 73 Resp: 137107
Ion Ratio Lower Upper
73 100
43 15.0 12.0 18.0
57 12.0 9.6 14.4

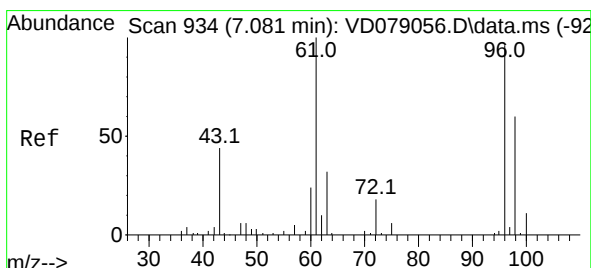
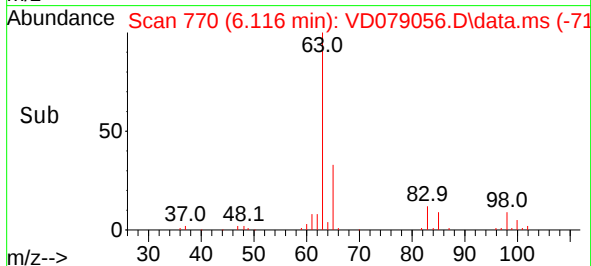
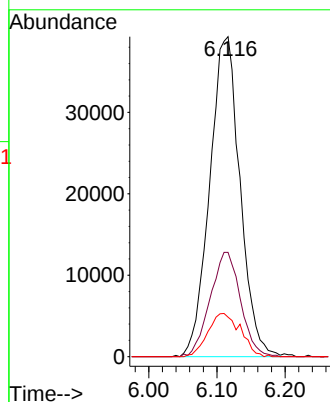
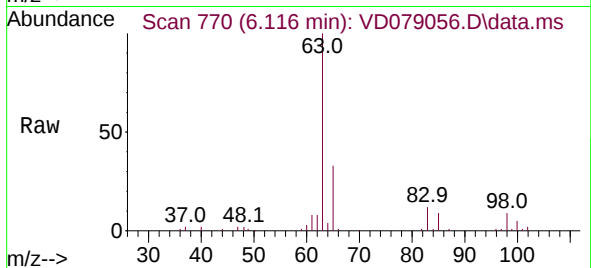




#19
1,1-Dichloroethane
Concen: 20.872 ug/L
RT: 6.116 min Scan# 770
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

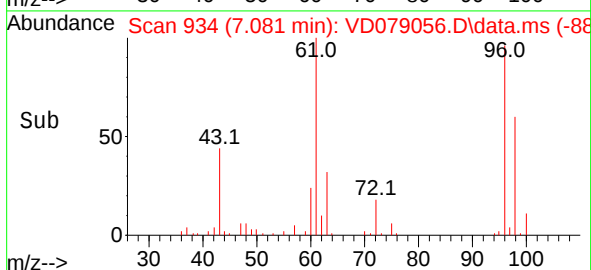
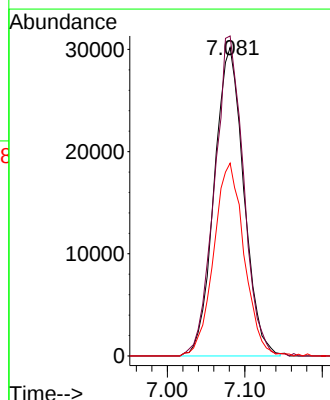
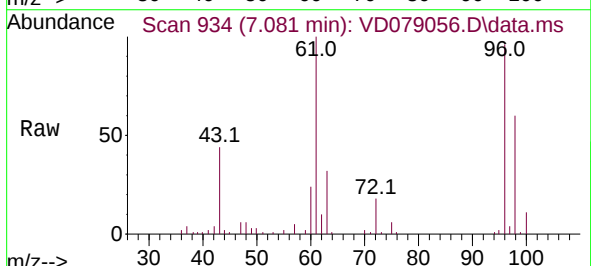
Instrument :
MSVOA_D
ClientSampleId :

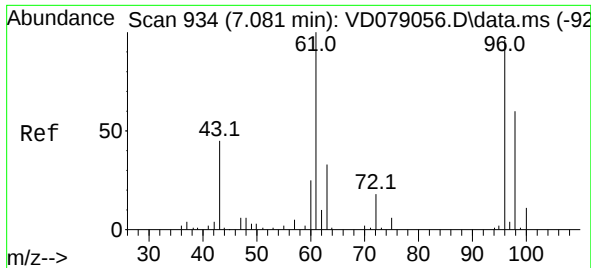
Tgt Ion: 63 Resp: 121530
Ion Ratio Lower Upper
63 100
65 32.6 22.8 42.4
83 12.3 8.6 16.0



#20
cis-1,2-Dichloroethene
Concen: 20.230 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion: 96 Resp: 80040
Ion Ratio Lower Upper
96 100
61 103.7 72.6 134.8
98 62.5 43.8 81.3





#22

2-Butanone

Concen: 39.740 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

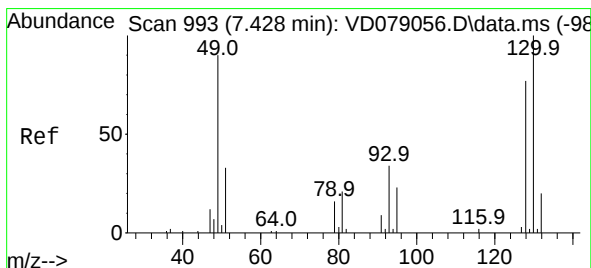
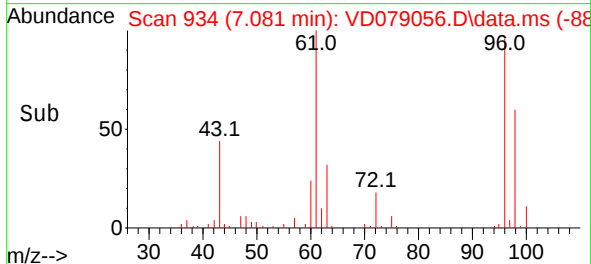
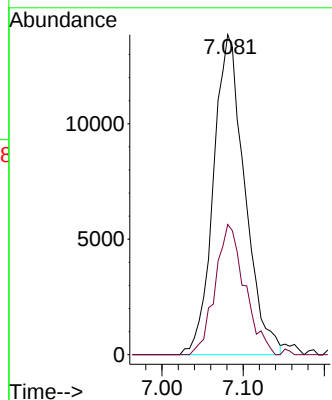
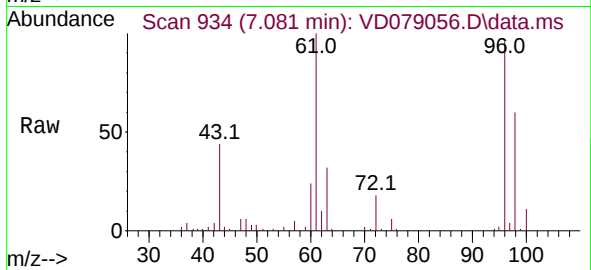
ClientSampleId :

Tgt Ion: 43 Resp: 37113

Ion Ratio Lower Upper

43 100

72 38.5 19.3 57.8



#23

Bromochloromethane

Concen: 20.370 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

Tgt Ion:128 Resp: 40373

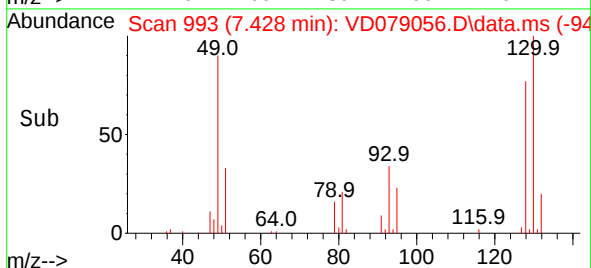
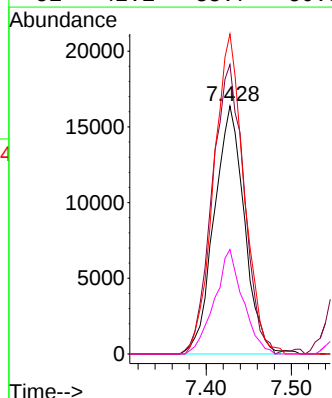
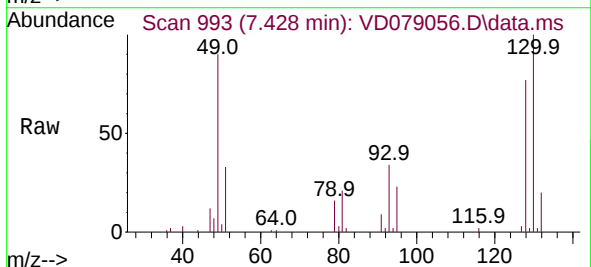
Ion Ratio Lower Upper

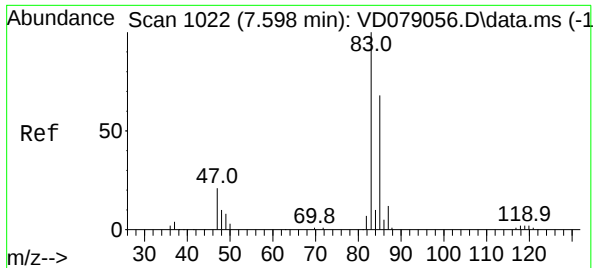
128 100

49 116.8 81.8 151.8

130 129.1 90.4 167.8

51 42.1 33.7 50.5

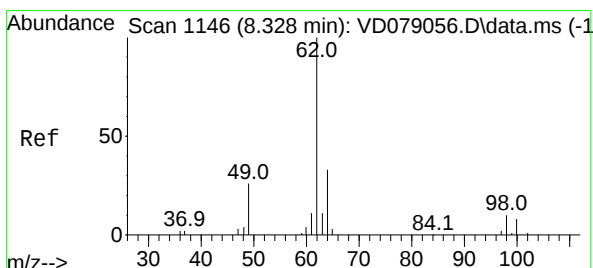
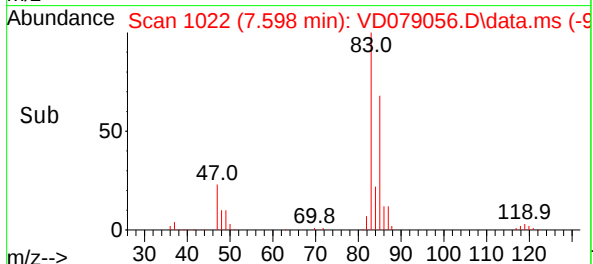
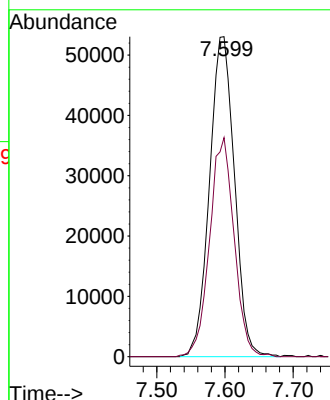
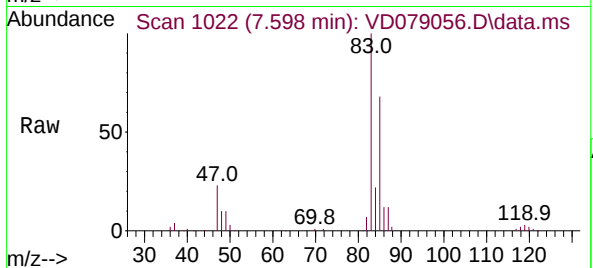




#25
Chloroform
Concen: 19.433 ug/L
RT: 7.598 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

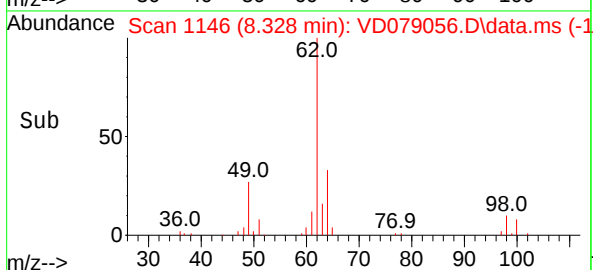
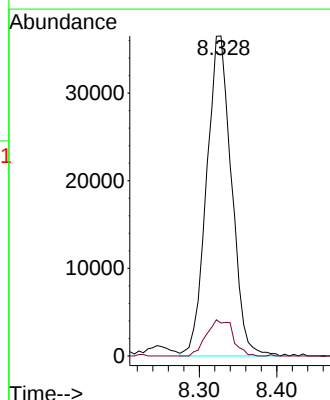
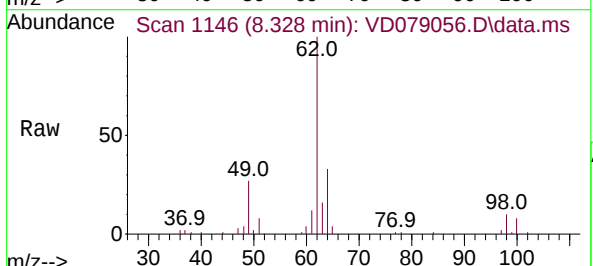
Instrument :
MSVOA_D
ClientSampleId :

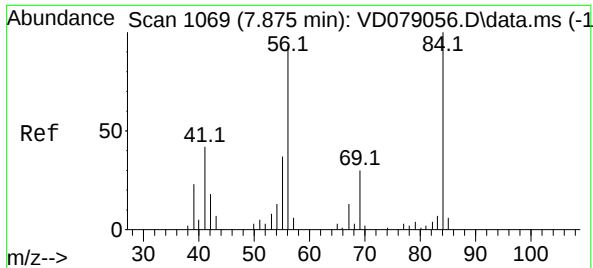
Tgt Ion: 83 Resp: 135448
Ion Ratio Lower Upper
83 100
85 68.5 47.9 89.1



#27
1,2-Dichloroethane
Concen: 20.180 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion: 62 Resp: 81688
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.4

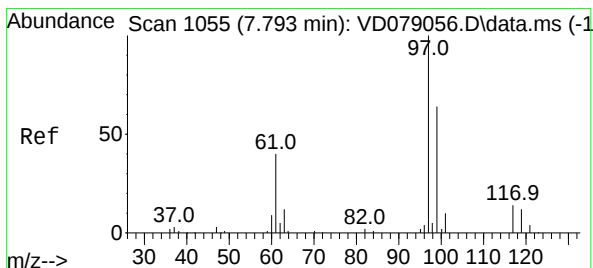
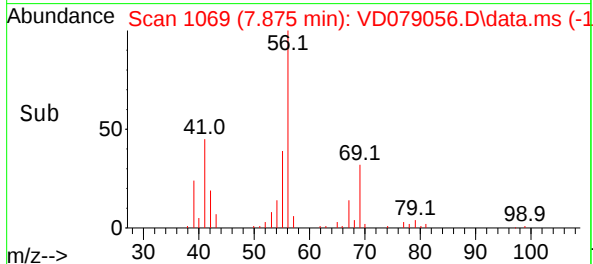
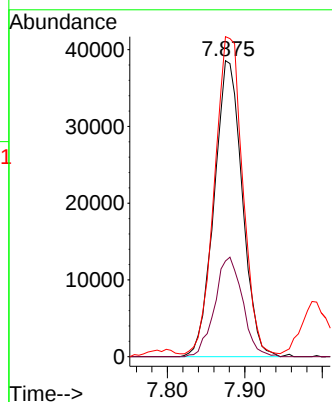
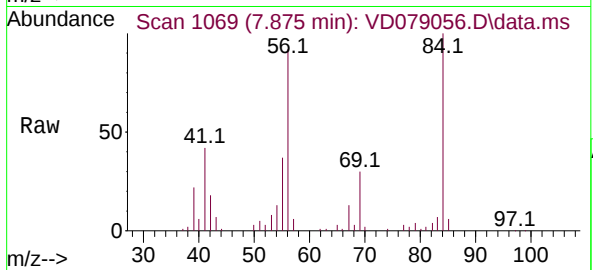




#29
Cyclohexane
Concen: 24.767 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

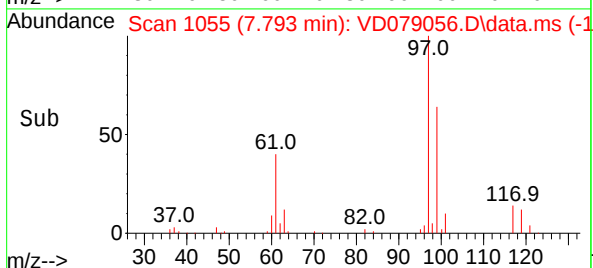
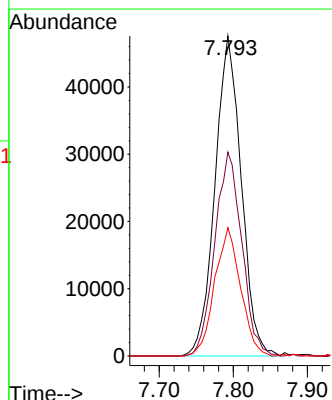
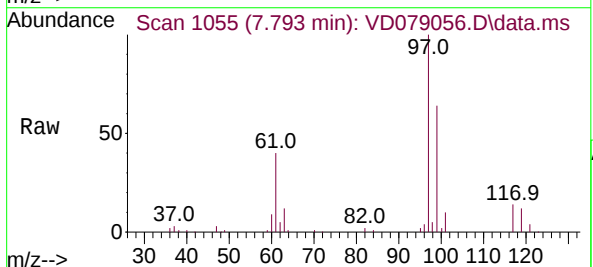
Instrument :
MSVOA_D
ClientSampleId :

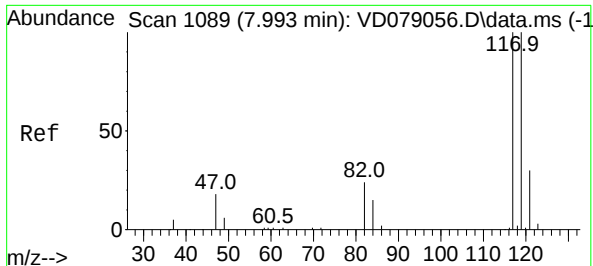
Tgt Ion: 56 Resp: 97246
Ion Ratio Lower Upper
56 100
69 33.3 26.6 40.0
84 109.4 87.5 131.3



#30
1,1,1-Trichloroethane
Concen: 21.384 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion: 97 Resp: 117165
Ion Ratio Lower Upper
97 100
99 65.4 52.3 78.5
61 39.6 31.7 47.5

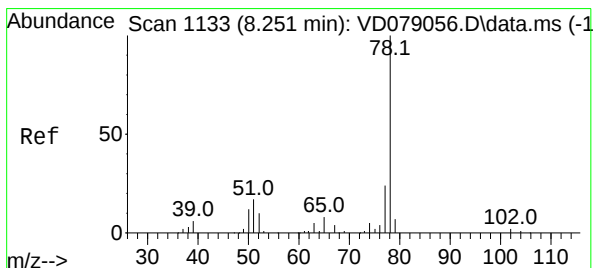
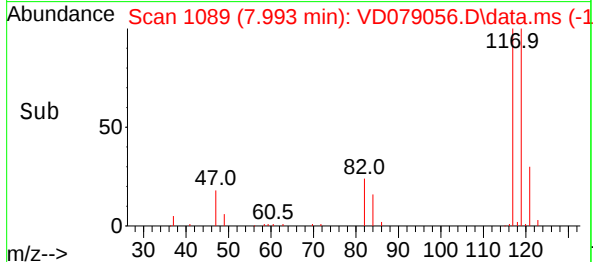
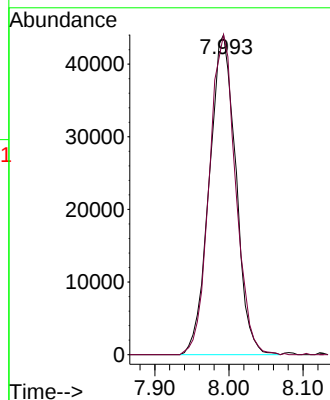
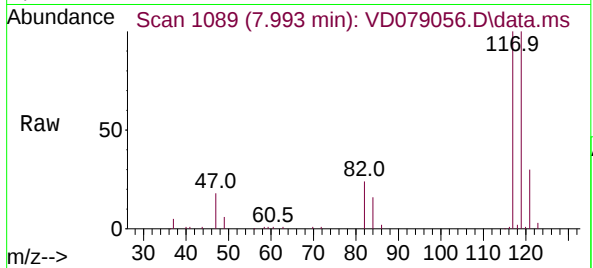




#31
Carbon tetrachloride
Concen: 21.657 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

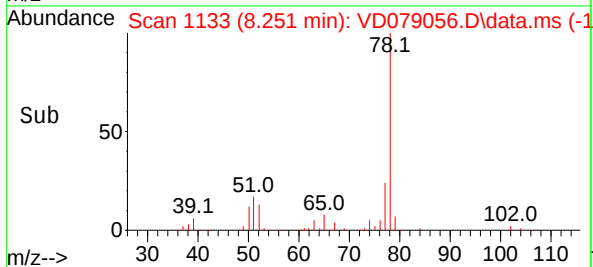
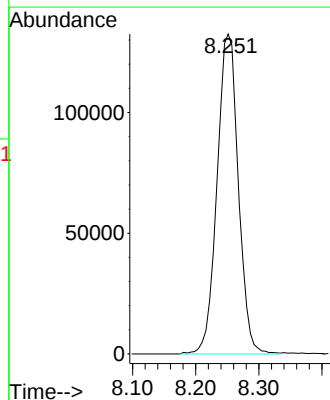
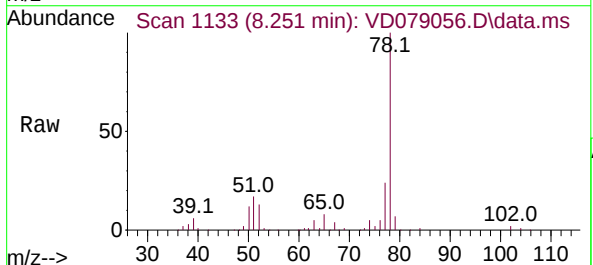
Instrument :
MSVOA_D
ClientSampleId :

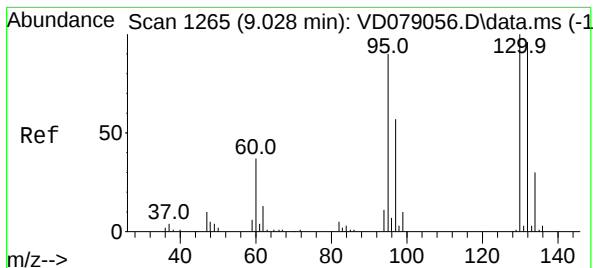
Tgt Ion:117 Resp: 109361
Ion Ratio Lower Upper
117 100
119 99.5 79.6 119.4



#33
Benzene
Concen: 22.737 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion: 78 Resp: 310443





#34

Trichloroethene

Concen: 22.057 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

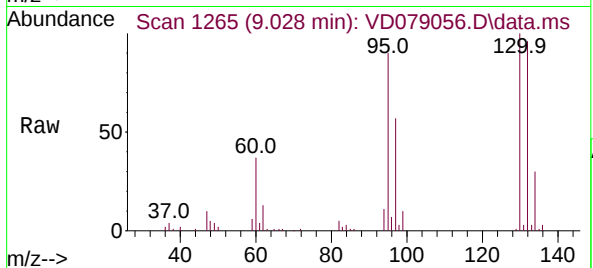
Lab File: VD079056.D

Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 77726

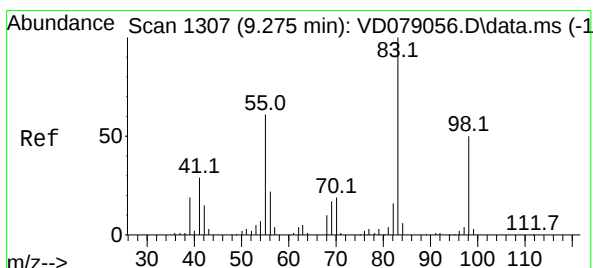
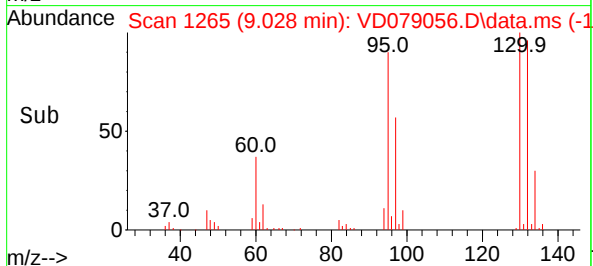
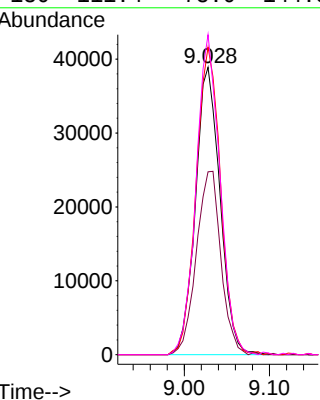
Ion Ratio Lower Upper

95 100

97 63.7 44.6 82.8

132 107.0 74.9 139.1

130 111.4 78.0 144.8



#35

Methylcyclohexane

Concen: 24.615 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

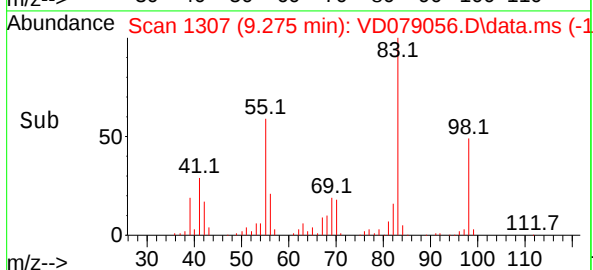
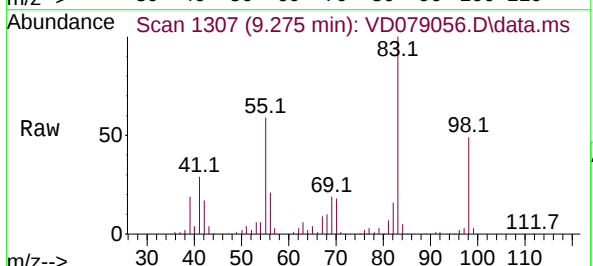
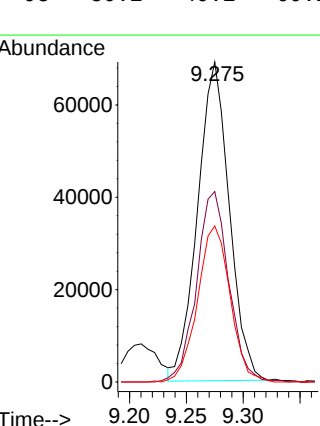
Tgt Ion: 83 Resp: 134083

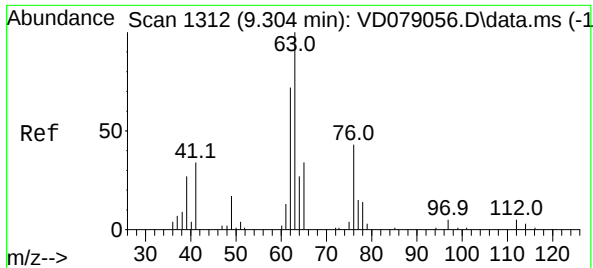
Ion Ratio Lower Upper

83 100

55 60.7 48.6 72.8

98 50.2 40.2 60.2

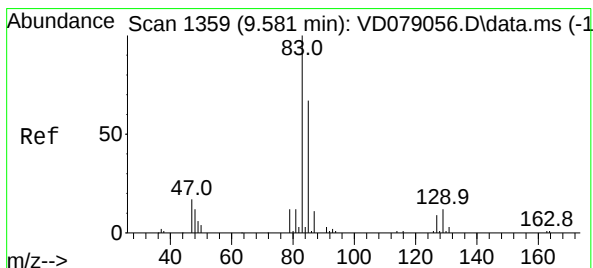
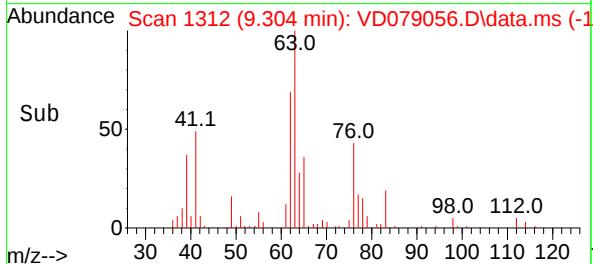
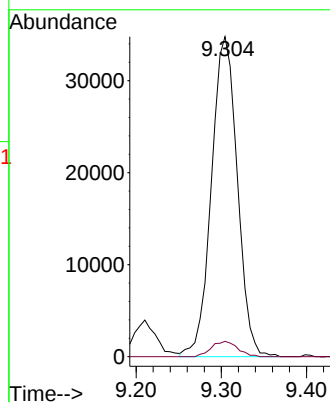
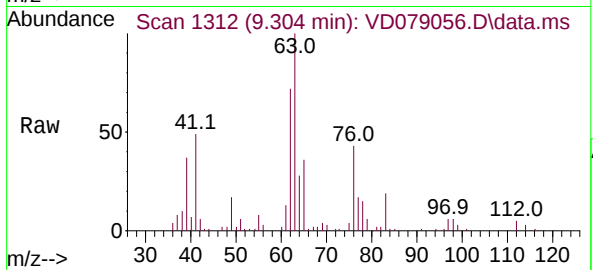




#37
1,2-Dichloropropane
Concen: 21.494 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

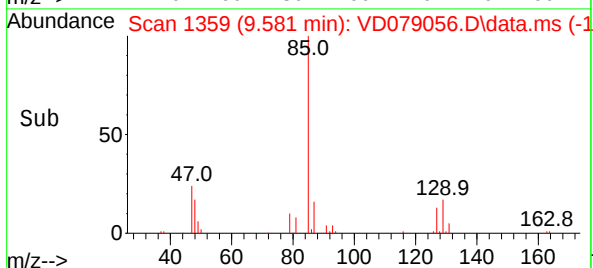
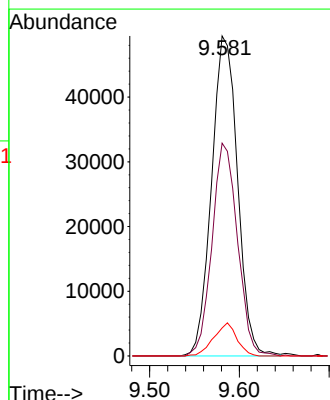
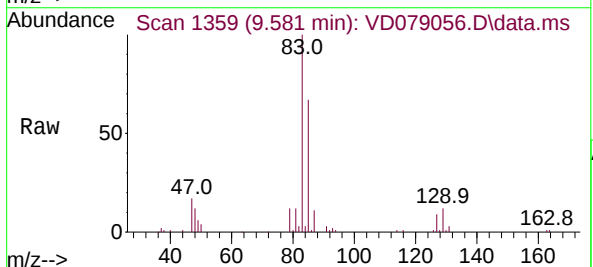
Instrument :
MSVOA_D
ClientSampleId :

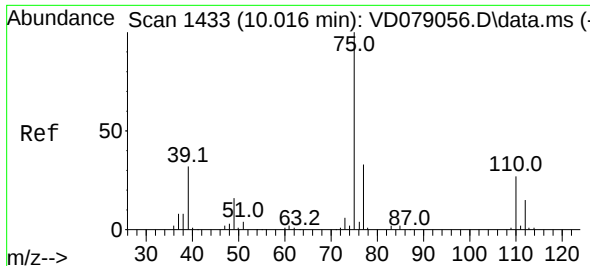
Tgt Ion: 63 Resp: 73581
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 20.705 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion: 83 Resp: 99368
Ion Ratio Lower Upper
83 100
85 66.5 46.5 86.5
127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 21.349 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

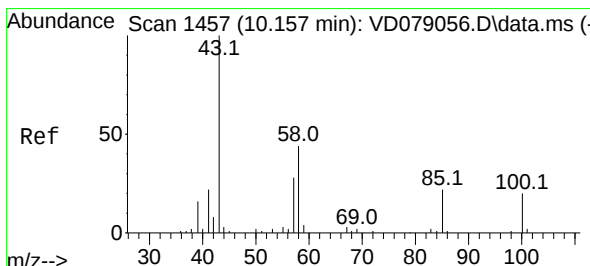
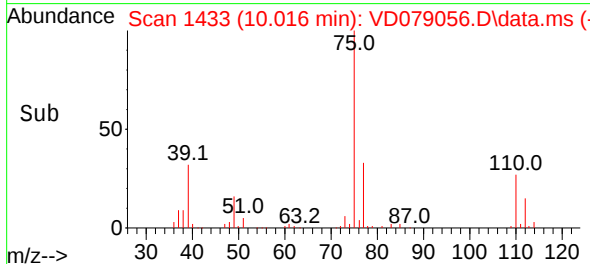
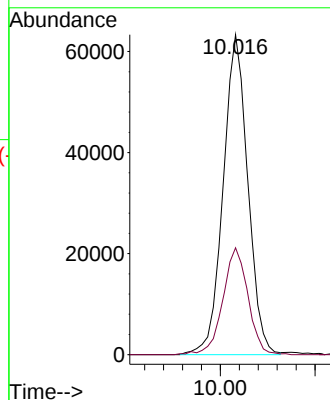
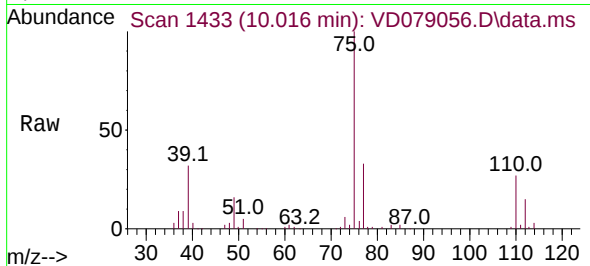
ClientSampleId :

Tgt Ion: 75 Resp: 114504

Ion Ratio Lower Upper

75 100

77 33.4 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 38.568 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

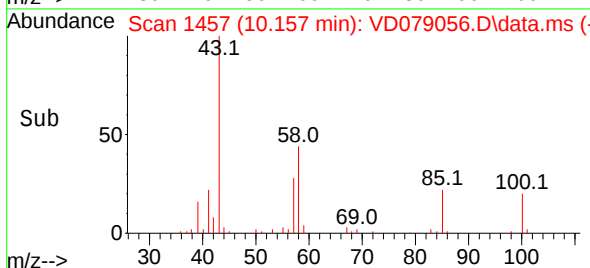
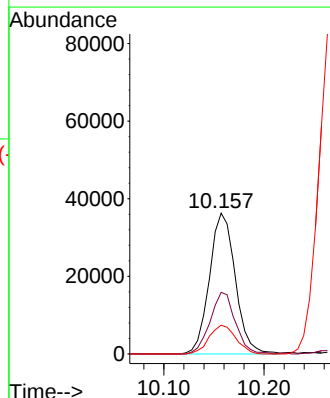
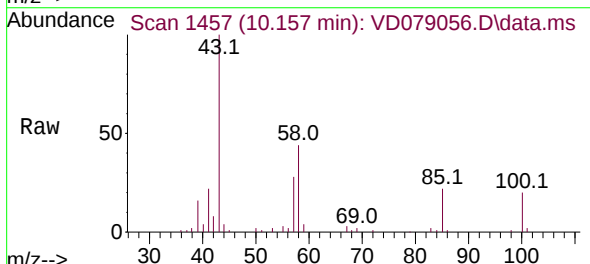
Tgt Ion: 43 Resp: 65174

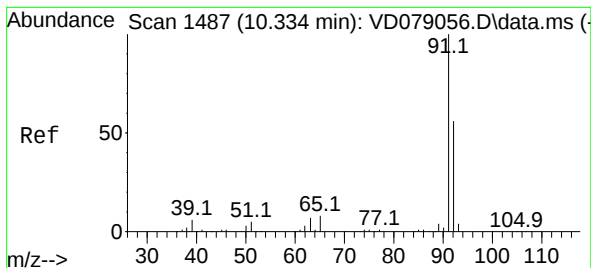
Ion Ratio Lower Upper

43 100

58 42.5 34.0 51.0

100 21.1 16.9 25.3





#42

Toluene

Concen: 23.333 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

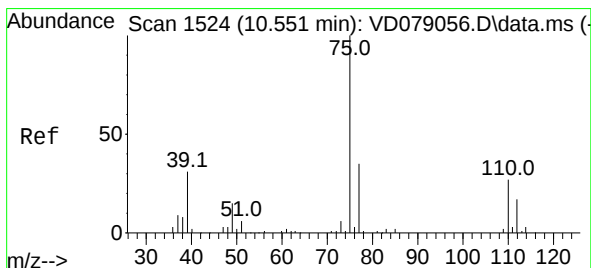
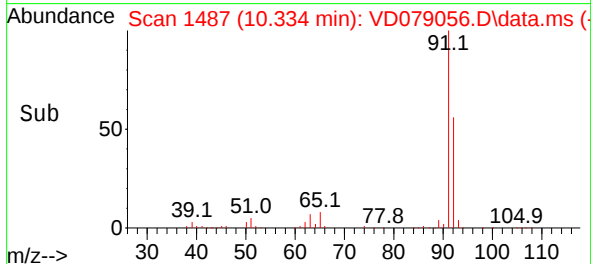
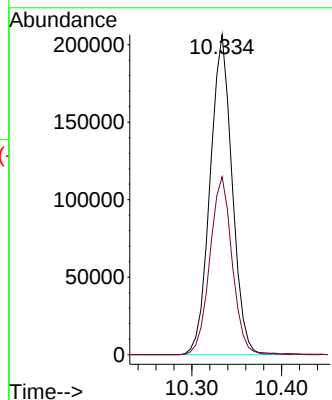
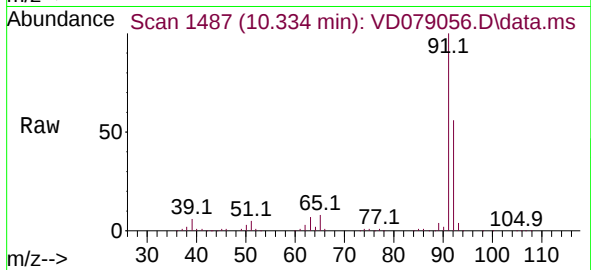
ClientSampleId :

Tgt Ion: 91 Resp: 352026

Ion Ratio Lower Upper

91 100

92 55.6 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 21.651 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079056.D

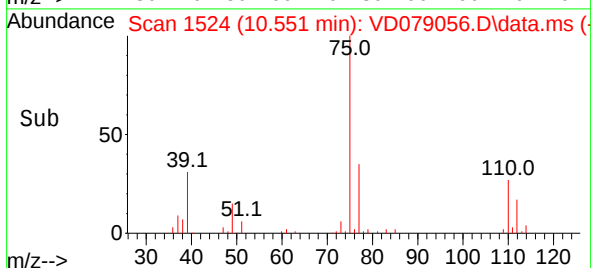
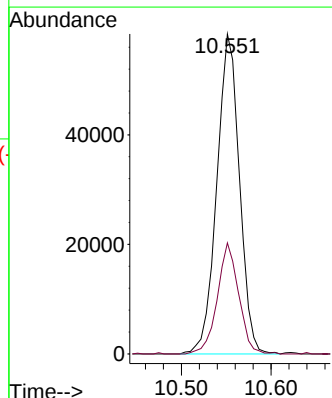
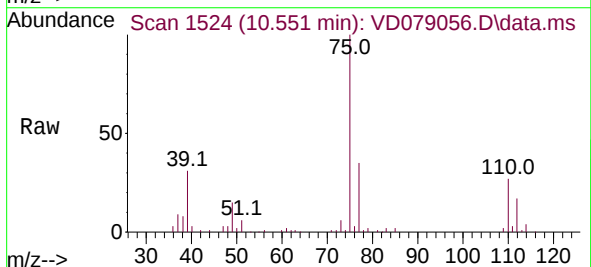
Acq: 29 May 2024 10:21

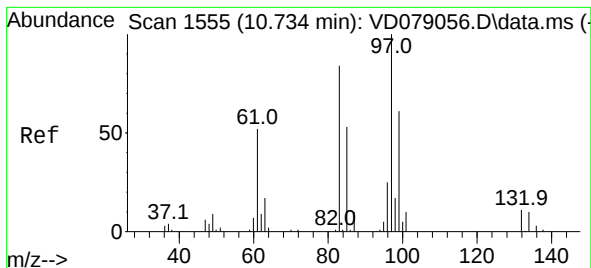
Tgt Ion: 75 Resp: 102329

Ion Ratio Lower Upper

75 100

77 34.7 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 20.537 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 63366

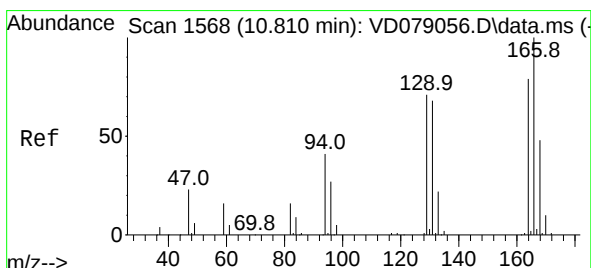
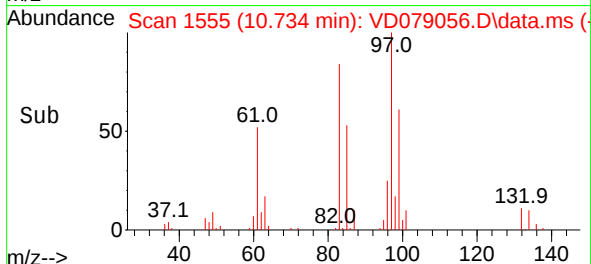
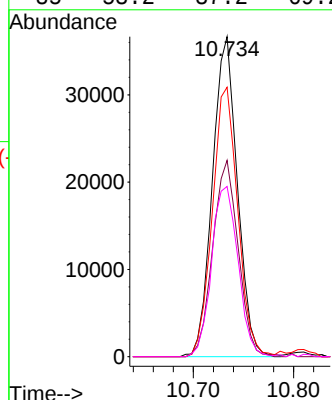
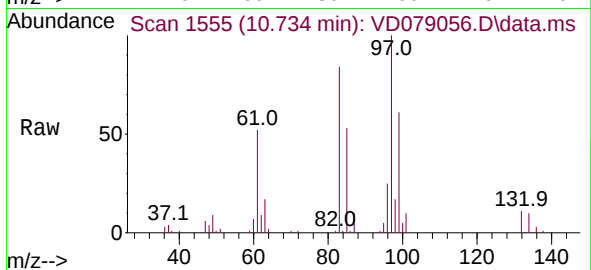
Ion Ratio Lower Upper

97 100

99 61.4 43.0 79.8

83 84.2 58.9 109.5

85 53.2 37.2 69.2



#46

Tetrachloroethene

Concen: 22.044 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

Tgt Ion:164 Resp: 67605

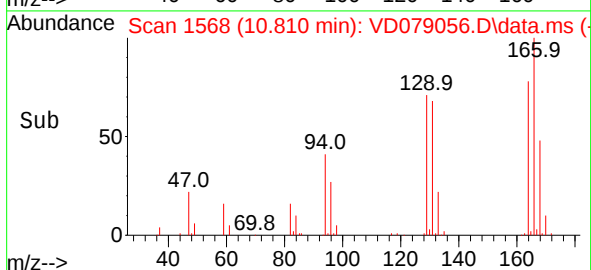
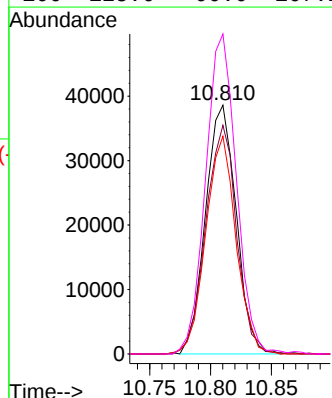
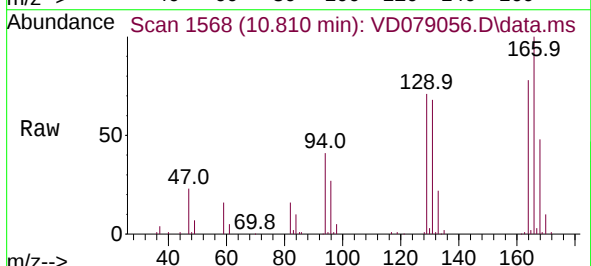
Ion Ratio Lower Upper

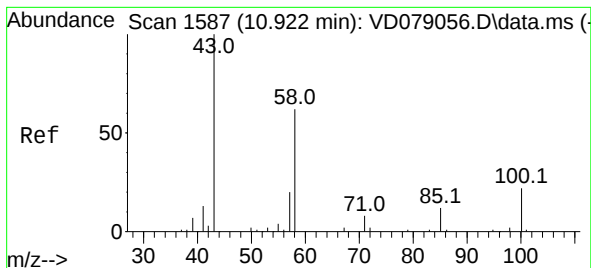
164 100

129 91.9 64.3 119.5

131 87.5 61.2 113.8

166 128.6 90.0 167.2





#48

2-Hexanone

Concen: 44.218 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

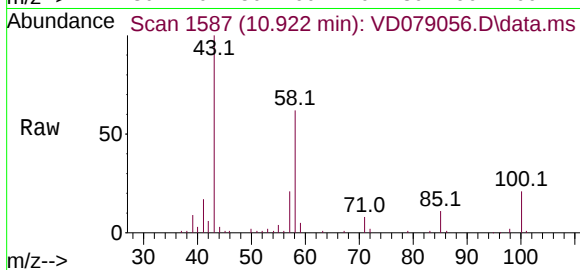
Lab File: VD079056.D

Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 59394

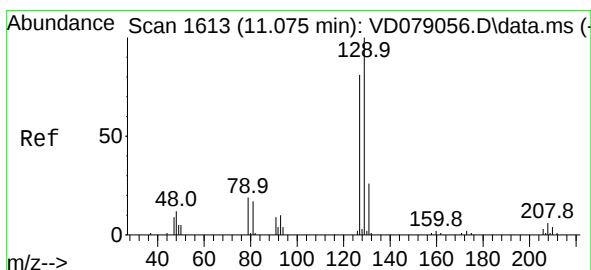
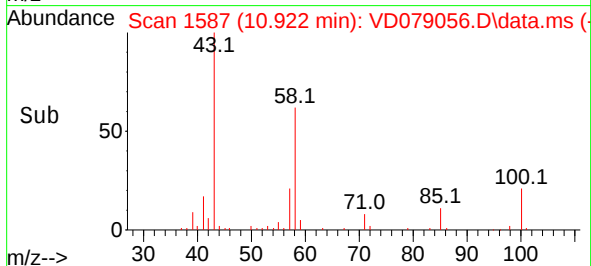
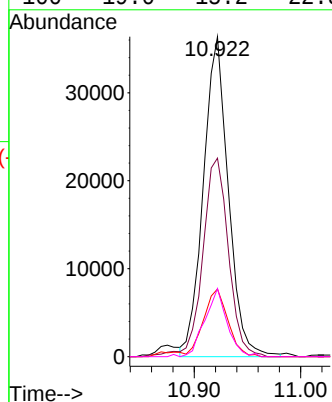
Ion Ratio Lower Upper

43 100

58 62.6 50.1 75.1

57 20.6 16.5 24.7

100 19.0 15.2 22.8



#49

Dibromochloromethane

Concen: 19.782 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD079056.D

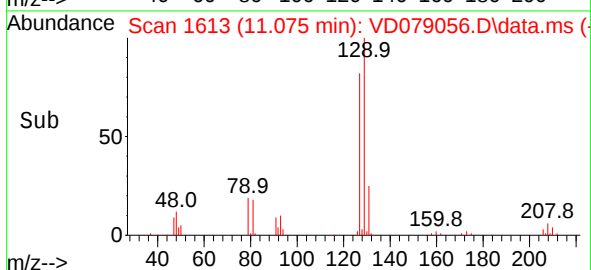
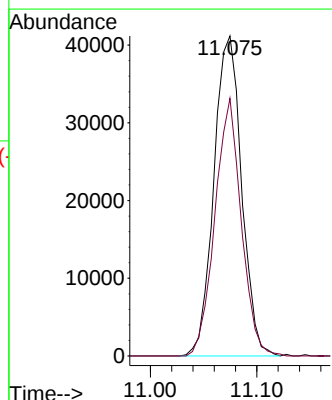
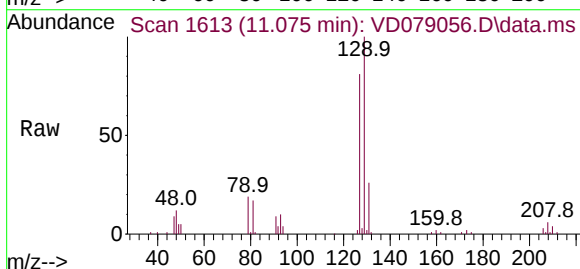
Acq: 29 May 2024 10:21

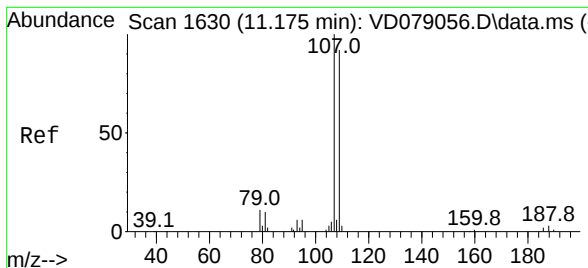
Tgt Ion: 129 Resp: 74416

Ion Ratio Lower Upper

129 100

127 80.5 56.4 104.7





#50

1,2-Dibromoethane

Concen: 20.579 ug/L

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079056.D

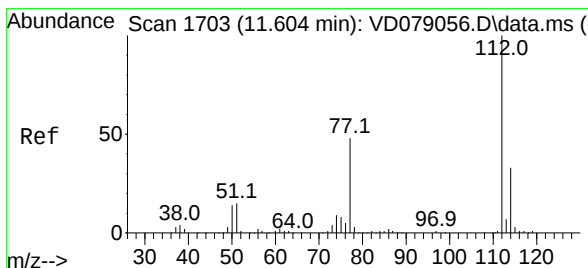
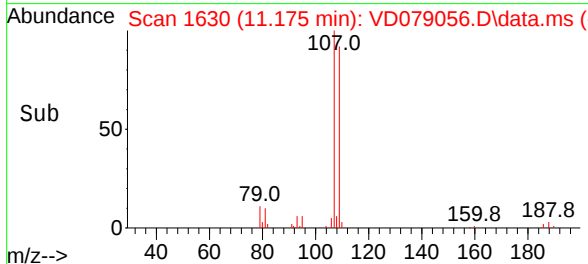
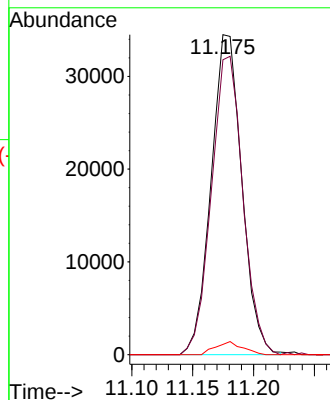
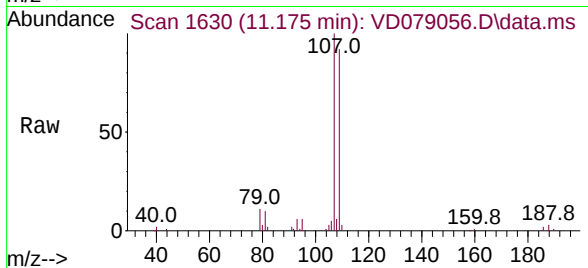
Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	60591
Ion	Ratio	Lower	Upper
107	100		
109	92.1	64.5	119.7
188	3.2	2.6	3.8



#51

Chlorobenzene

Concen: 21.031 ug/L

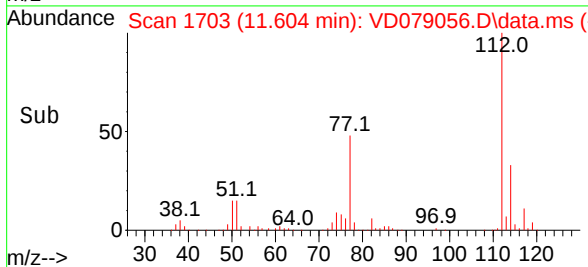
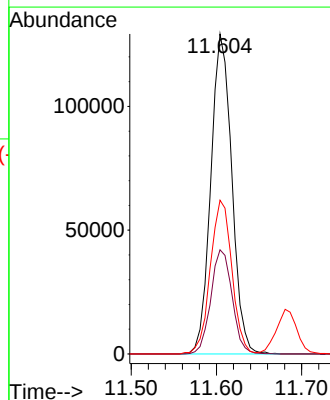
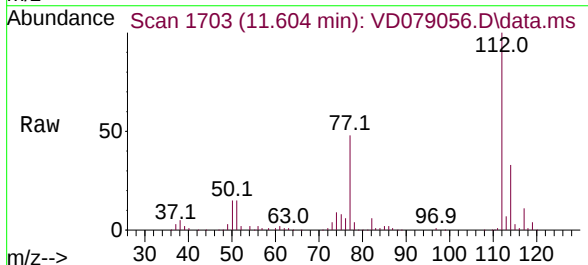
RT: 11.604 min Scan# 1703

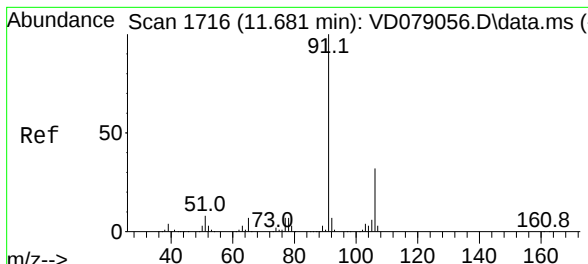
Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

Tgt Ion:	112	Resp:	221382
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.3
77	48.0	38.4	57.6

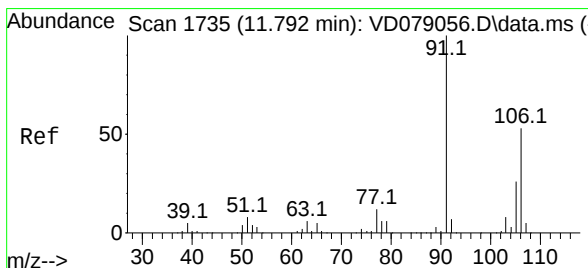
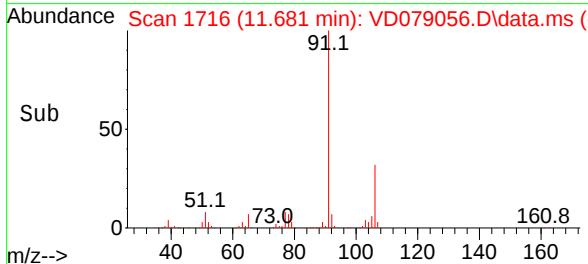
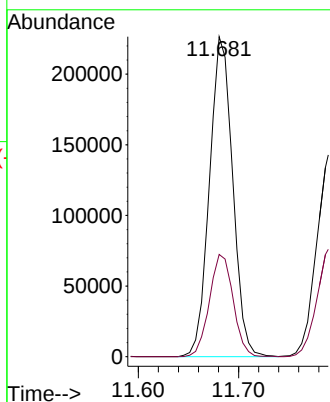
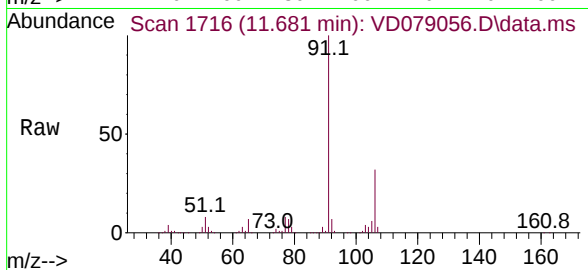




#52
Ethylbenzene
Concen: 22.527 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

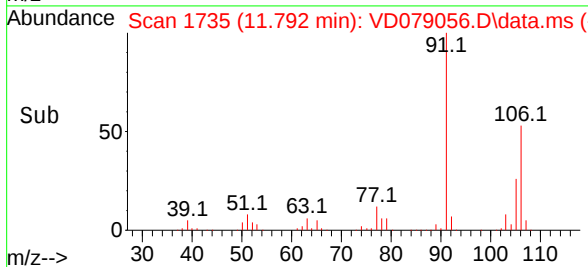
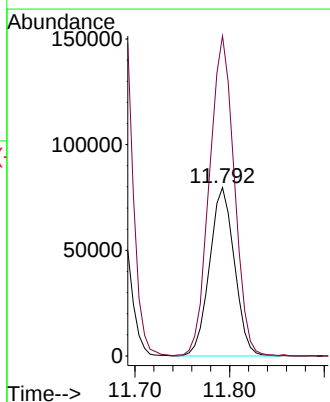
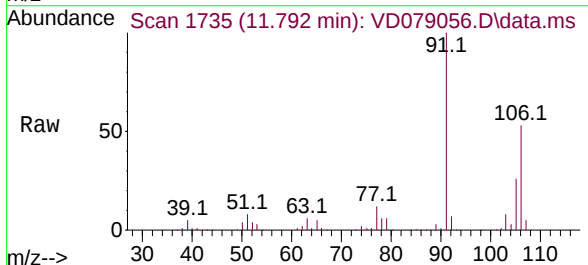
Instrument :
MSVOA_D
ClientSampleId :

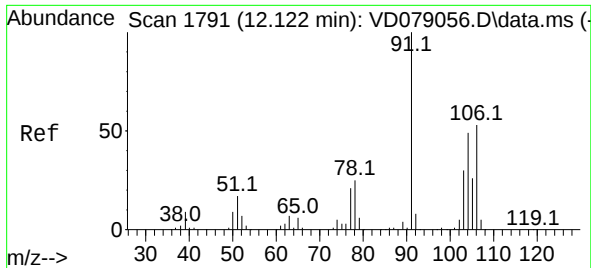
Tgt Ion: 91 Resp: 363378
Ion Ratio Lower Upper
91 100
106 31.9 22.3 41.5



#53
m,p-Xylene
Concen: 22.472 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion: 106 Resp: 145188
Ion Ratio Lower Upper
106 100
91 190.1 133.1 247.1

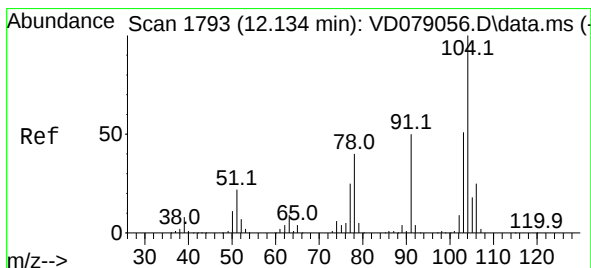
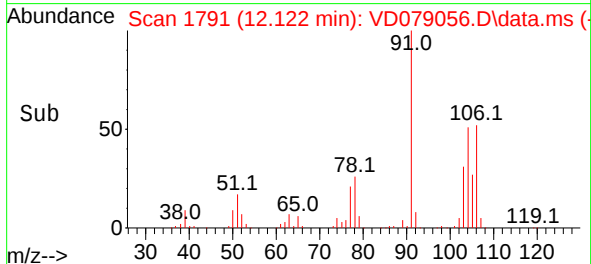
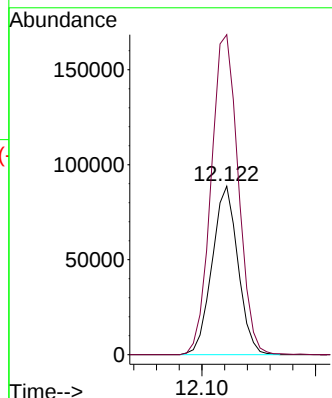
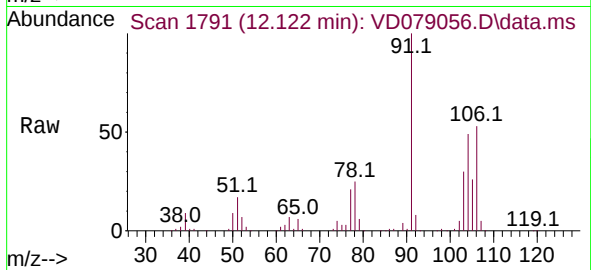




#54
o-Xylene
Concen: 22.246 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

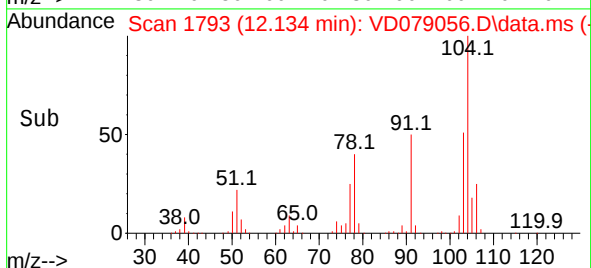
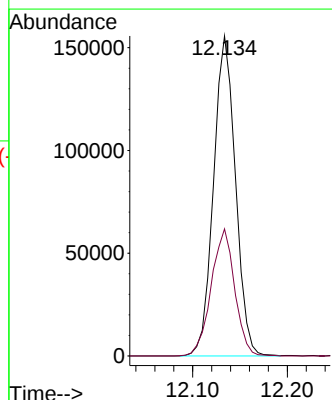
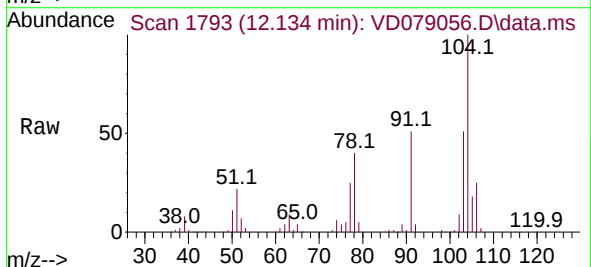
Instrument :
MSVOA_D
ClientSampleId :

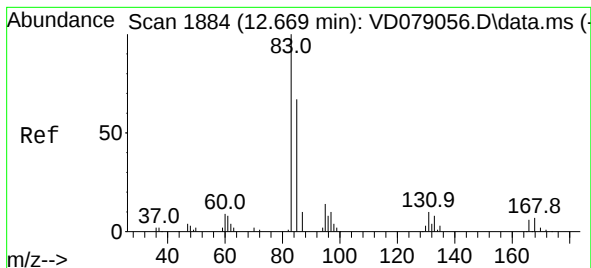
Tgt Ion:106 Resp: 140348
Ion Ratio Lower Upper
106 100
91 189.9 132.9 246.9



#55
Styrene
Concen: 22.781 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion:104 Resp: 250910
Ion Ratio Lower Upper
104 100
78 39.7 27.8 51.6

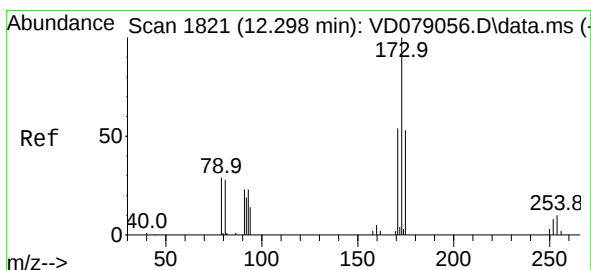
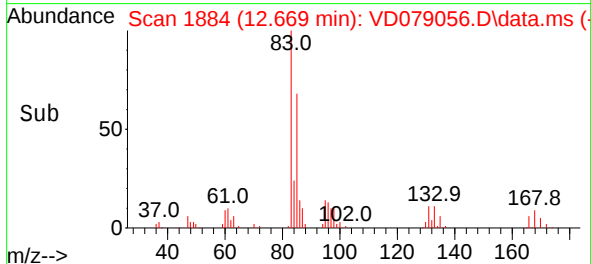
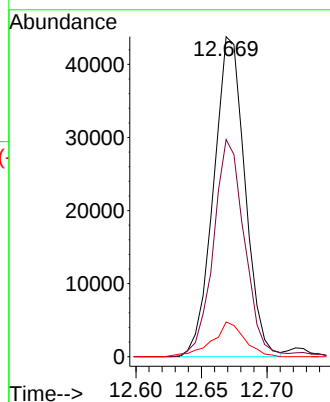
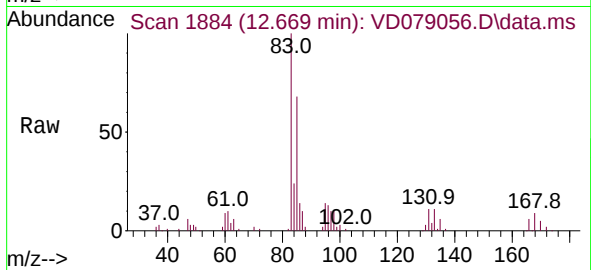




#57
1,1,2,2-Tetrachloroethane
Concen: 19.546 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

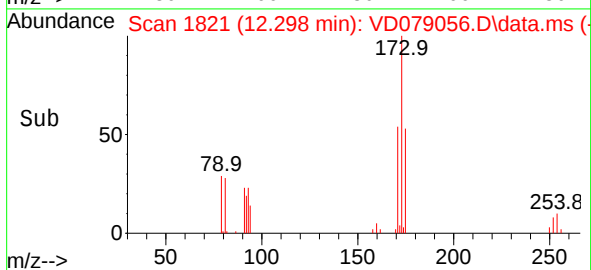
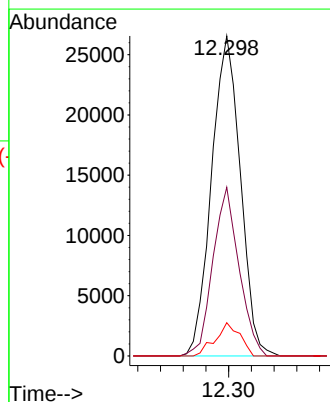
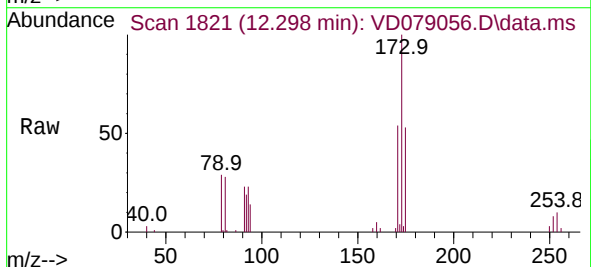
Instrument :
MSVOA_D
ClientSampleId :

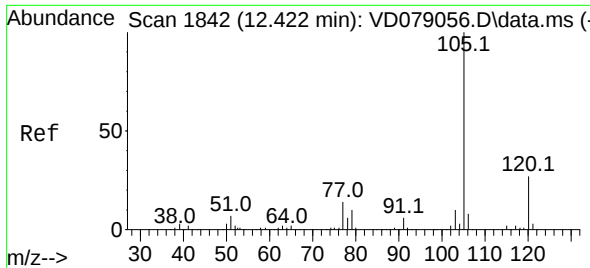
Tgt Ion: 83 Resp: 72772
Ion Ratio Lower Upper
83 100
85 67.8 47.5 88.1
131 10.8 8.6 13.0



#59
Bromoform
Concen: 19.872 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion:173 Resp: 46829
Ion Ratio Lower Upper
173 100
175 47.8 38.2 57.4
254 8.8 7.0 10.6

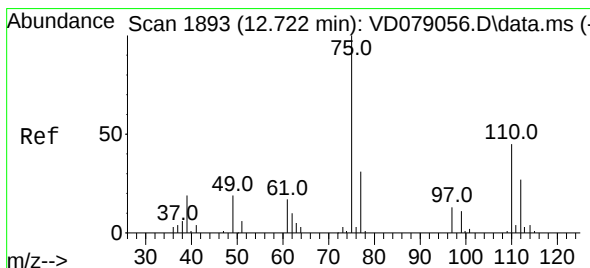
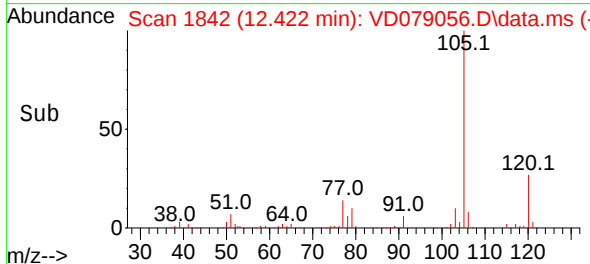
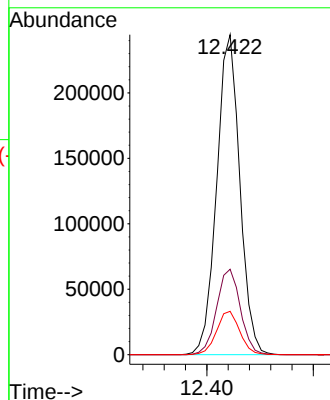
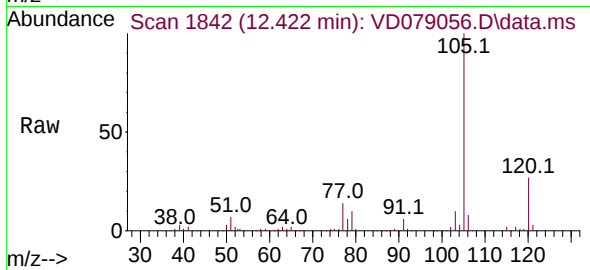




#60
Isopropylbenzene
Concen: 23.410 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

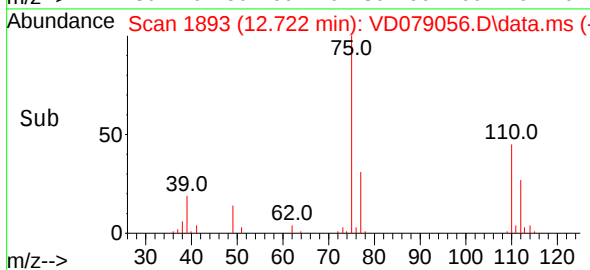
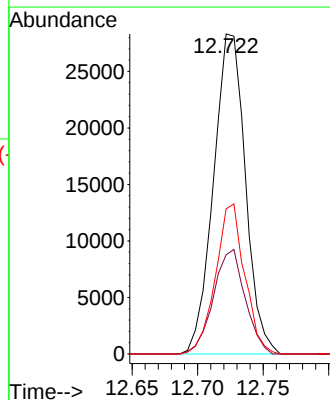
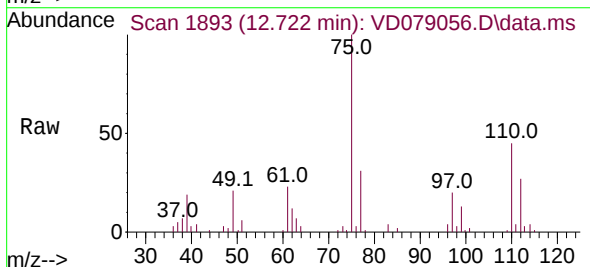
Instrument :
MSVOA_D
ClientSampleId :

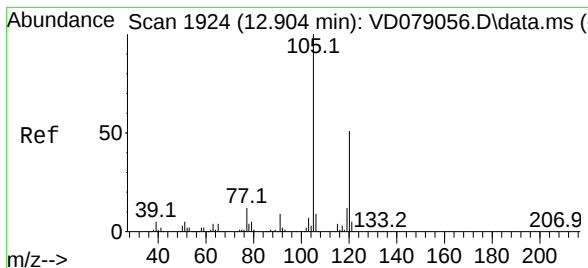
Tgt Ion:105 Resp: 367606
Ion Ratio Lower Upper
105 100
120 27.4 21.9 32.9
77 13.6 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 20.071 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion: 75 Resp: 47947
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 42.8 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 22.007 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

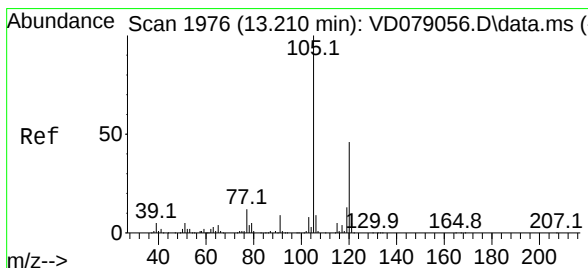
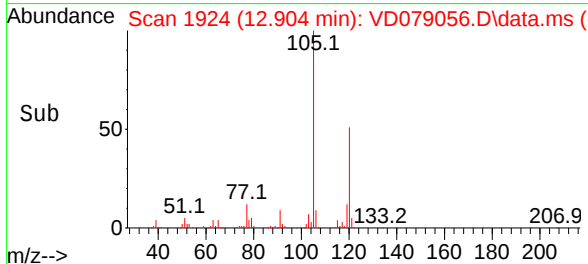
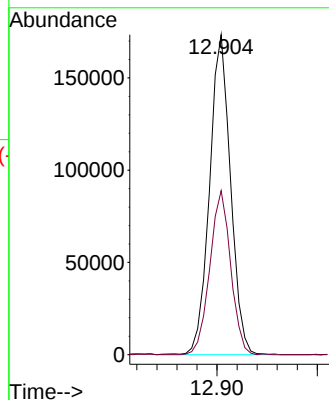
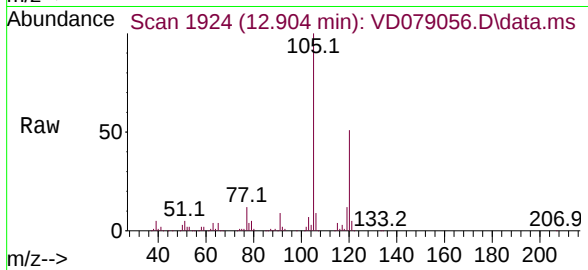
ClientSampleId :

Tgt Ion:105 Resp: 251361

Ion Ratio Lower Upper

105 100

120 50.9 40.7 61.1



#63

1,2,4-Trimethylbenzene

Concen: 23.212 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079056.D

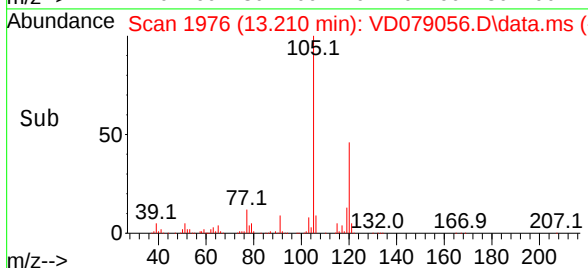
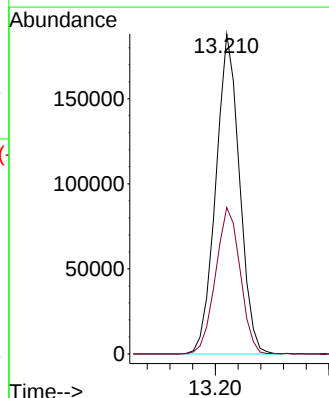
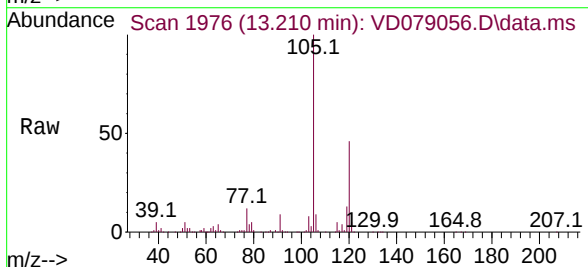
Acq: 29 May 2024 10:21

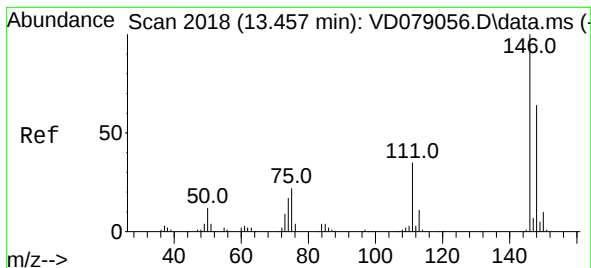
Tgt Ion:105 Resp: 272746

Ion Ratio Lower Upper

105 100

120 47.5 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 22.334 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

ClientSampleId :

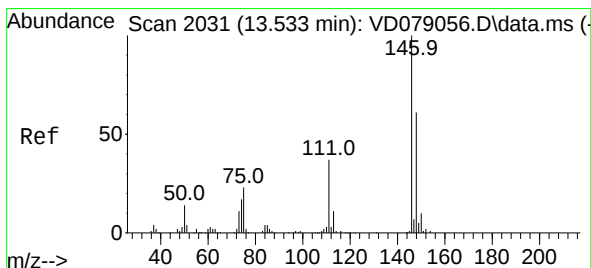
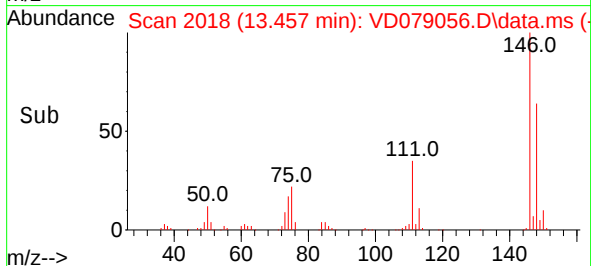
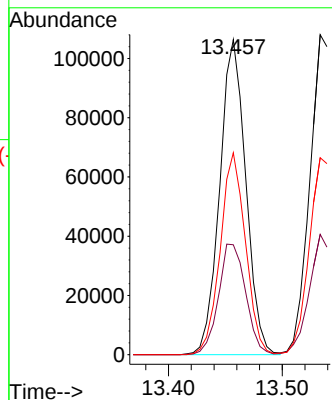
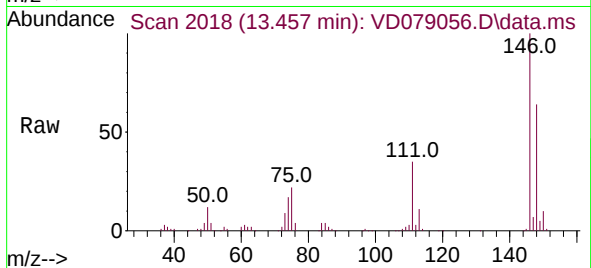
Tgt Ion:146 Resp: 169723

Ion Ratio Lower Upper

146 100

111 34.9 24.4 45.4

148 64.1 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 21.480 ug/L

RT: 13.533 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

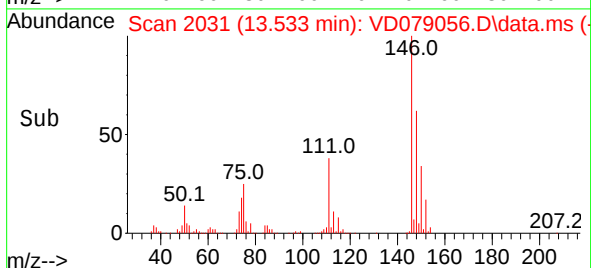
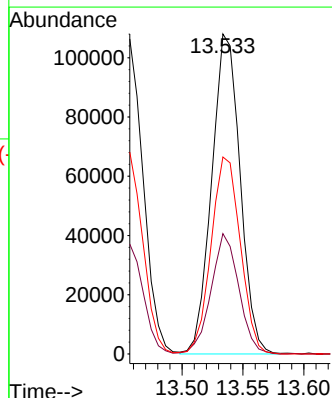
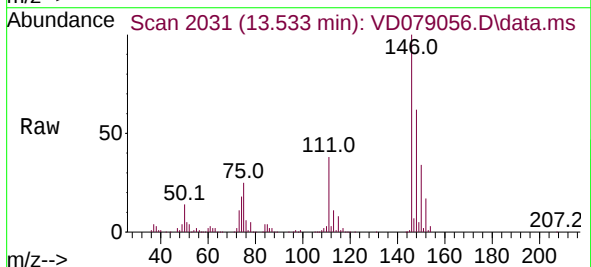
Tgt Ion:146 Resp: 175639

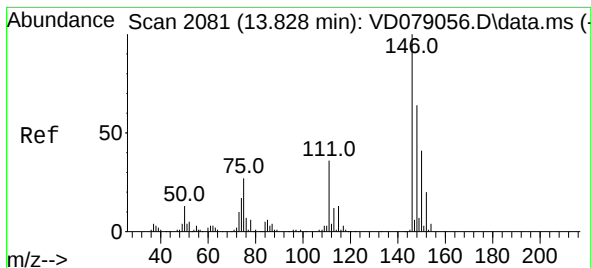
Ion Ratio Lower Upper

146 100

111 37.6 26.3 48.9

148 61.6 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 21.582 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

ClientSampleId :

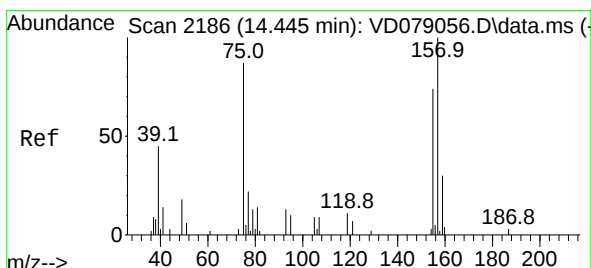
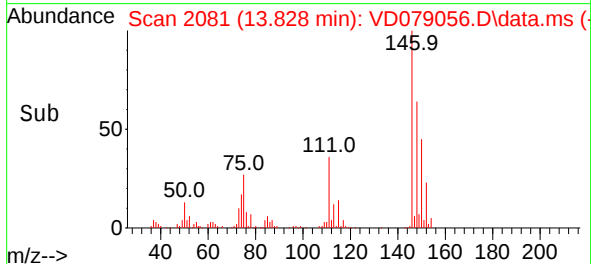
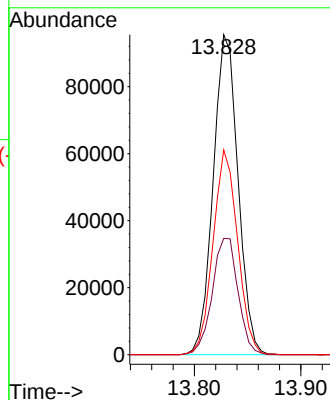
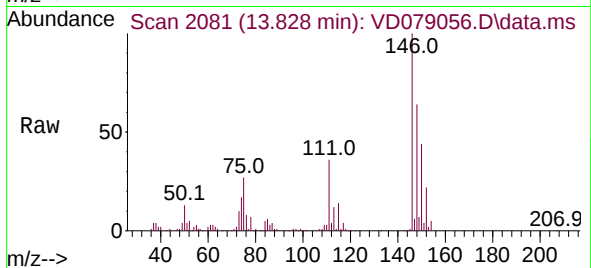
Tgt Ion:146 Resp: 154756

Ion Ratio Lower Upper

146 100

111 36.4 29.1 43.7

148 64.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.510 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

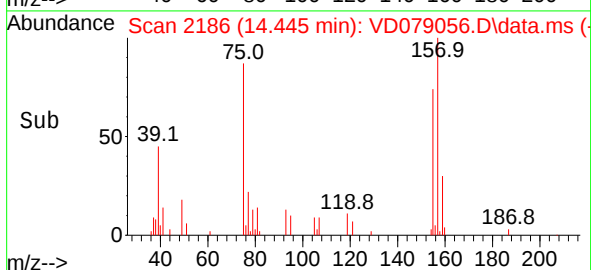
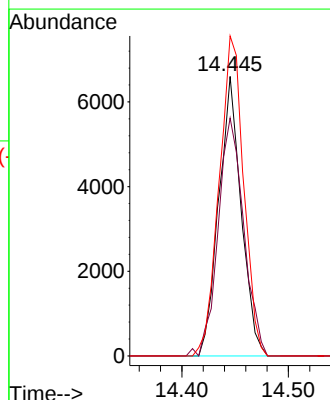
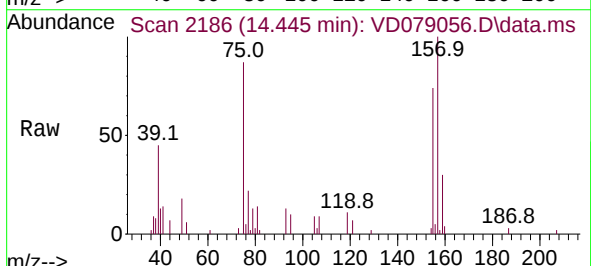
Tgt Ion: 75 Resp: 9627

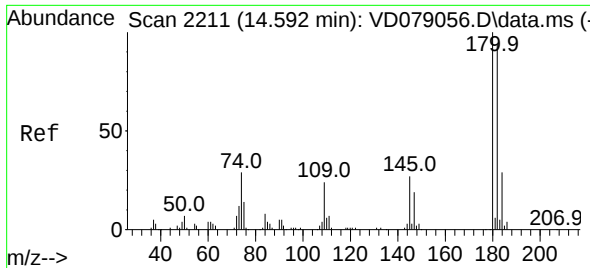
Ion Ratio Lower Upper

75 100

155 85.1 68.1 102.1

157 114.5 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 21.055 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

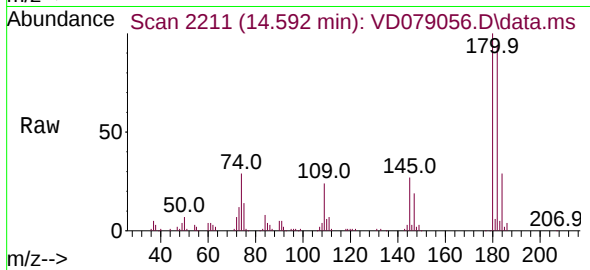
Lab File: VD079056.D

Acq: 29 May 2024 10:21

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 103813

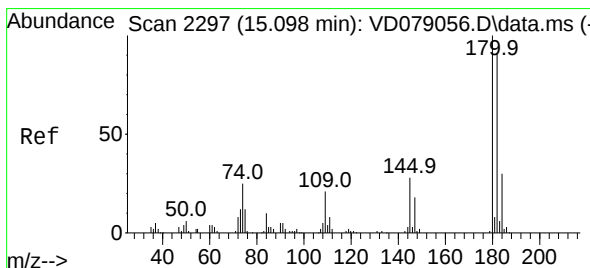
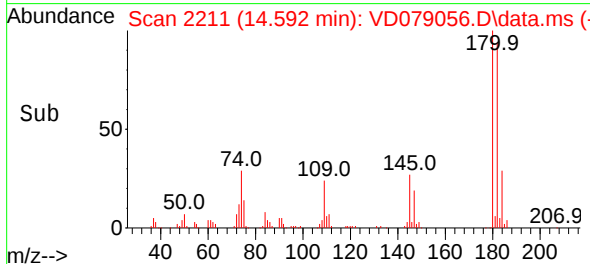
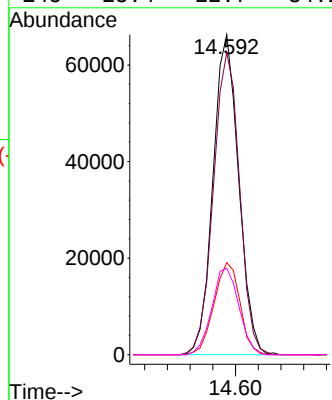
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

184 29.1 23.3 34.9

145 28.4 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 20.218 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079056.D

Acq: 29 May 2024 10:21

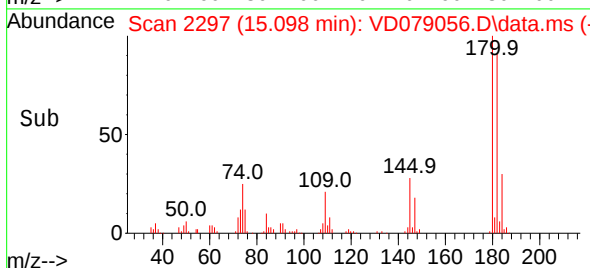
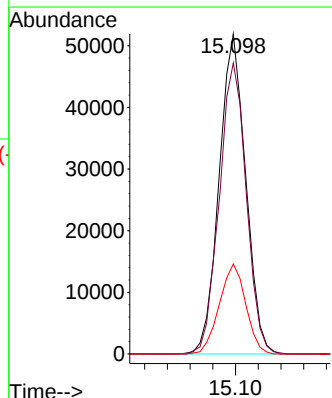
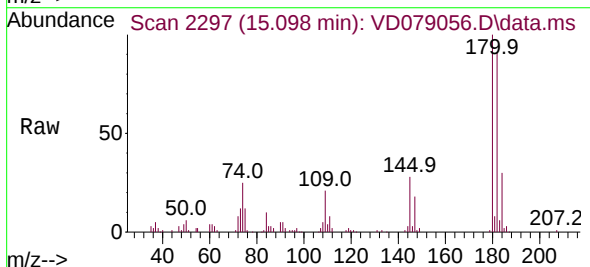
Tgt Ion:180 Resp: 84243

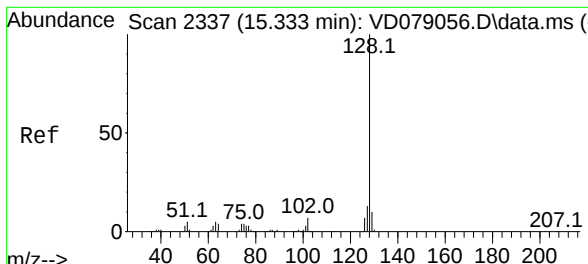
Ion Ratio Lower Upper

180 100

182 92.2 73.8 110.6

145 27.9 22.3 33.5



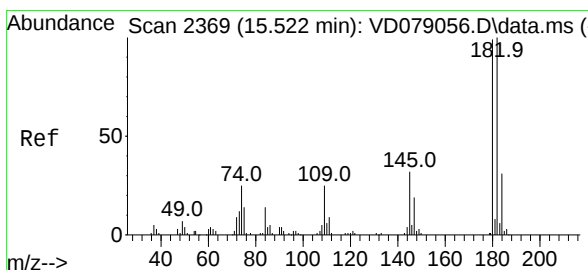
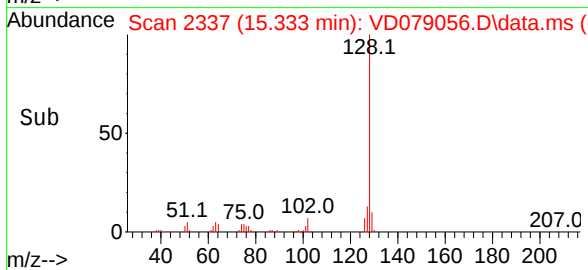
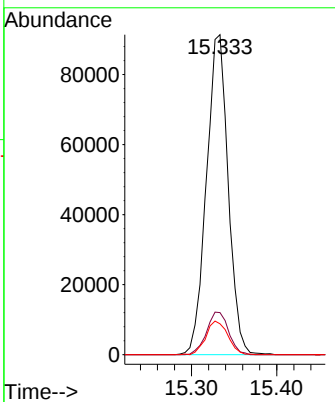
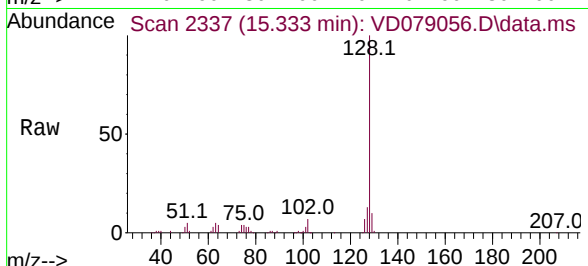


#71
Naphthalene
Concen: 19.325 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 161872

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	10.6	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 19.643 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079056.D
Acq: 29 May 2024 10:21

Tgt Ion:180 Resp: 75632

Ion	Ratio	Lower	Upper
180	100		
182	99.3	79.4	119.2
145	30.9	24.7	37.1

