

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079054.D
 Acq On : 29 May 2024 09:27
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 30 00:40:00 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	184956	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	183813	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84654	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	14834	3.045	ug/L	0.00
7) Chloroethane-d5	2.805	69	15028	2.965	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	2667	2.855	ug/L	0.00
21) 2-Butanone-d5	6.981	46	1421	2.300	ug/L	0.00
24) Chloroform-d	7.569	84	14361	2.570	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	6500	2.470	ug/L	0.00
32) Benzene-d6	8.205	84	24866	2.555	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.216	67	8601	2.935	ug/L	0.00
41) Toluene-d8	10.269	98	22071	2.427	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	2892	2.154	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	1650	2.991	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	7257	2.272	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	7726	2.621	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	7545	2.063	ug/L	97
3) Chloromethane	2.152	50	10316	2.262	ug/L	94
5) Vinyl chloride	2.281	62	16826	2.255	ug/L	96
6) Bromomethane	2.693	94	13689	2.503	ug/L	88
8) Chloroethane	2.840	64	12966	2.279	ug/L #	80
9) Trichlorofluoromethane	3.175	101	12337	2.063	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	7612	2.094	ug/L #	87
12) 1,1-Dichloroethene	3.940	96	3705	1.162	ug/L	96
13) Acetone	4.028	43	2850	3.679	ug/L	75
14) Carbon disulfide	4.275	76	23153	2.396	ug/L	95
15) Methyl Acetate	4.534	43	209	0.173	ug/L	98
16) Methylene chloride	4.793	84	5632	1.309	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	6471	1.989	ug/L	86
18) Methyl tert-butyl Ether	5.328	73	8444	1.263	ug/L #	76
19) 1,1-Dichloroethane	6.105	63	5999	1.124	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	6699	1.847	ug/L	93
22) 2-Butanone	7.063	43	608	0.710	ug/L	87
23) Bromochloromethane	7.434	128	1730	0.952	ug/L	82
25) Chloroform	7.599	83	13182	2.063	ug/L	96
27) 1,2-Dichloroethane	8.322	62	4411	1.189	ug/L	99
29) Cyclohexane	7.881	56	6265	1.743	ug/L #	10
30) 1,1,1-Trichloroethane	7.793	97	10987	2.190	ug/L	99
31) Carbon tetrachloride	7.993	117	10291	2.226	ug/L	91
33) Benzene	8.246	78	24762	1.981	ug/L	100
34) Trichloroethene	9.028	95	6846	2.122	ug/L	92
35) Methylcyclohexane	9.275	83	9466	1.898	ug/L #	78
37) 1,2-Dichloropropane	9.299	63	6485	2.069	ug/L #	85
38) Bromodichloromethane	9.581	83	9847	2.241	ug/L	82
39) cis-1,3-Dichloropropene	10.016	75	9702	1.976	ug/L	99
40) 4-Methyl-2-pentanone	10.152	43	4611	2.980	ug/L	97
42) Toluene	10.334	91	26493	1.918	ug/L	96
44) trans-1,3-Dichloropropene	10.557	75	7538	1.742	ug/L	97

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

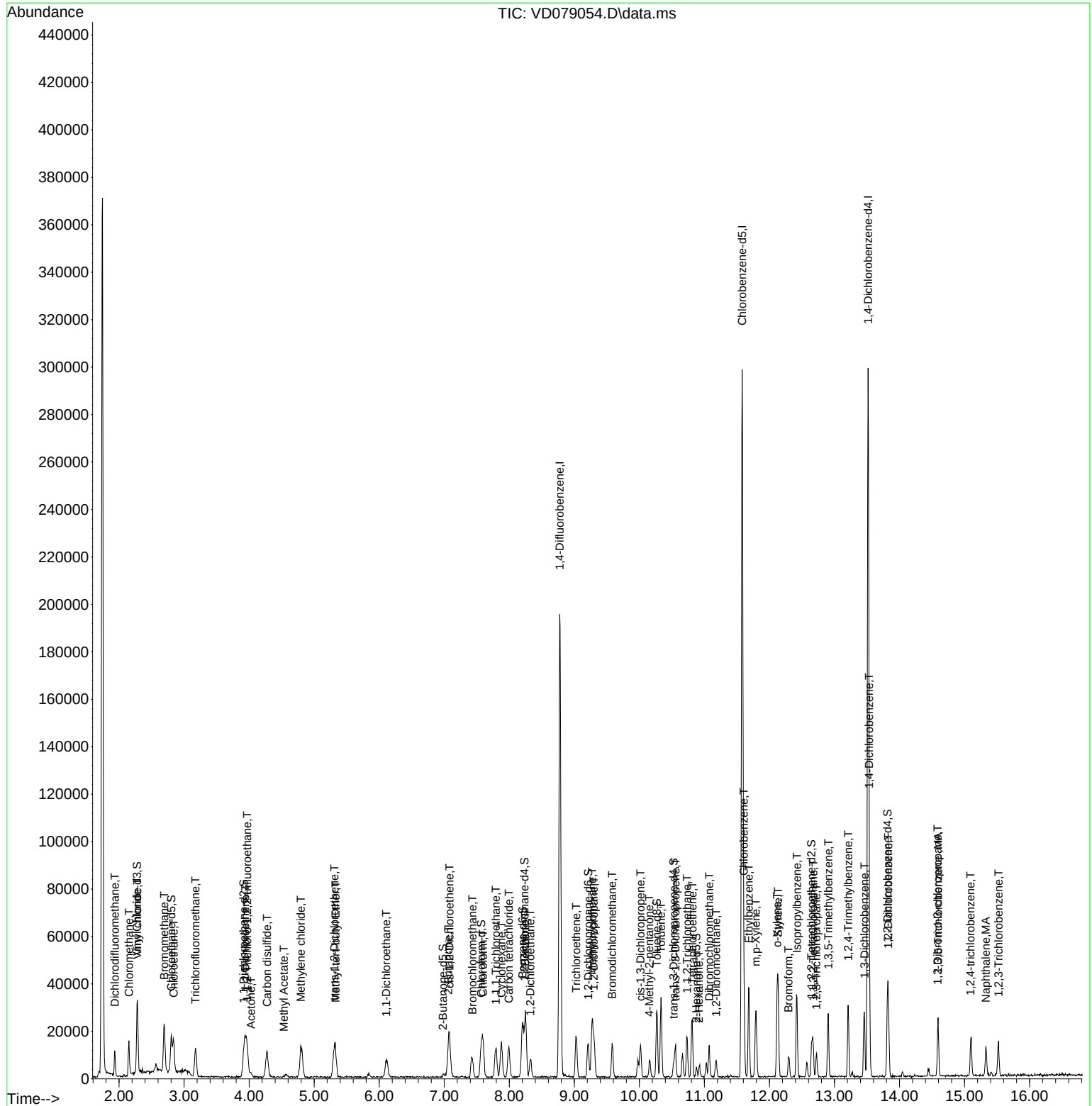
45) 1,1,2-Trichloroethane	10.734	97	5894	2.086	ug/L	94
46) Tetrachloroethene	10.816	164	6069	2.161	ug/L #	72
48) 2-Hexanone	10.916	43	3591	2.920	ug/L #	84
49) Dibromochloromethane	11.075	129	7365	2.138	ug/L	81
50) 1,2-Dibromoethane	11.181	107	5151	1.911	ug/L #	96
51) Chlorobenzene	11.604	112	19284	2.001	ug/L	93
52) Ethylbenzene	11.681	91	25873	1.752	ug/L	99
53) m,p-Xylene	11.793	106	9790	1.655	ug/L	98
54) o-Xylene	12.116	106	8654	1.498	ug/L	81
55) Styrene	12.134	104	15233	1.511	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	6729	1.974	ug/L	89
59) Bromoform	12.293	173	4273	2.280	ug/L #	95
60) Isopropylbenzene	12.422	105	23545	1.885	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	3770	1.984	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.904	105	15415	1.697	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	16153	1.728	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	12786	2.115	ug/L	88
65) 1,4-Dichlorobenzene	13.534	146	14753	2.268	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	11960	2.097	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.587	75	1144	2.915	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.592	180	8015	2.044	ug/L	98
70) 1,2,4-trichlorobenzene	15.092	180	6998	2.111	ug/L	94
71) Naphthalene	15.328	128	11643	1.747	ug/L #	91
72) 1,2,3-Trichlorobenzene	15.522	180	5216	1.703	ug/L	93

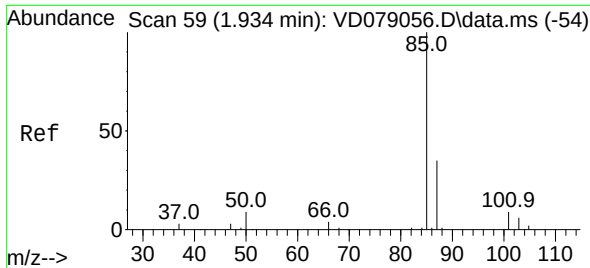
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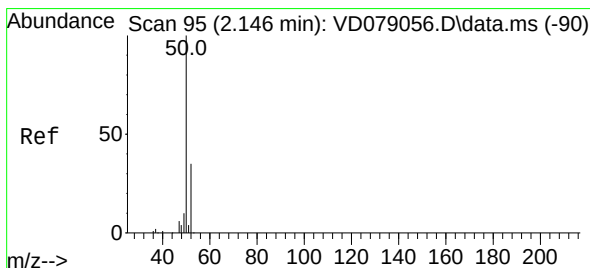
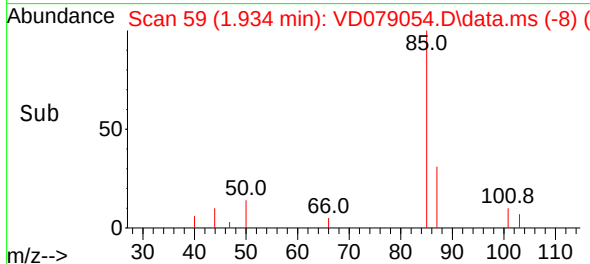
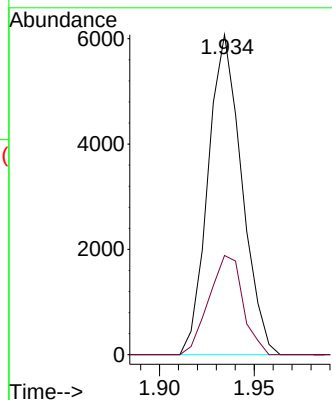
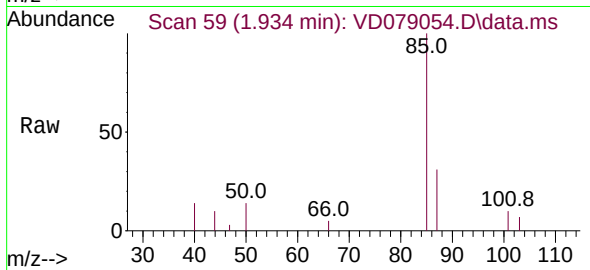




#2
Dichlorodifluoromethane
Concen: 2.063 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

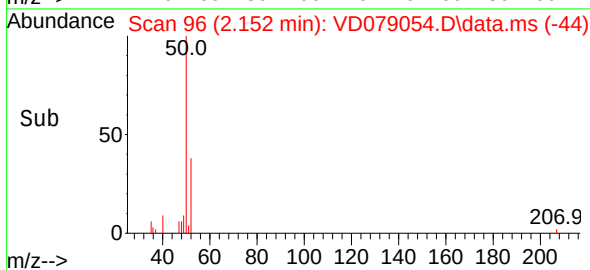
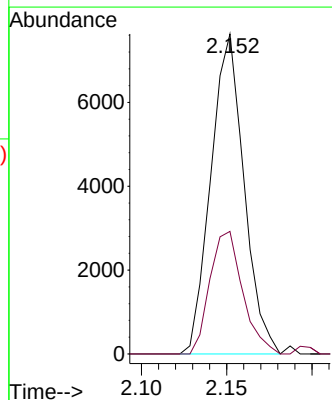
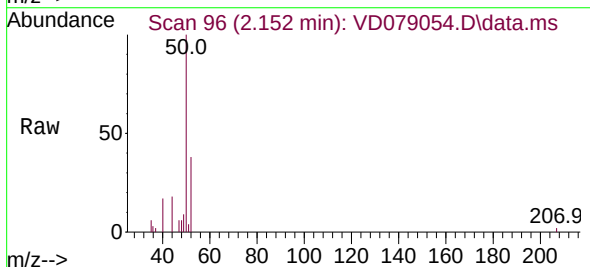
Instrument :
MSVOA_D
ClientSampleId :

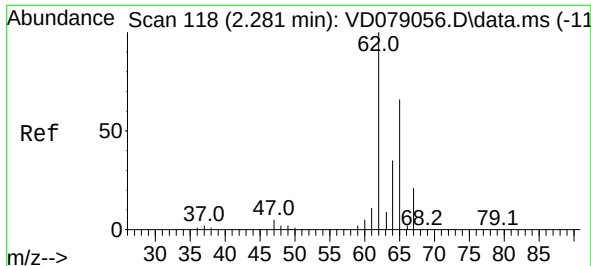
Tgt Ion: 85 Resp: 7545
Ion Ratio Lower Upper
85 100
87 31.2 26.2 39.4



#3
Chloromethane
Concen: 2.262 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

Tgt Ion: 50 Resp: 10316
Ion Ratio Lower Upper
50 100
52 38.3 24.4 45.2

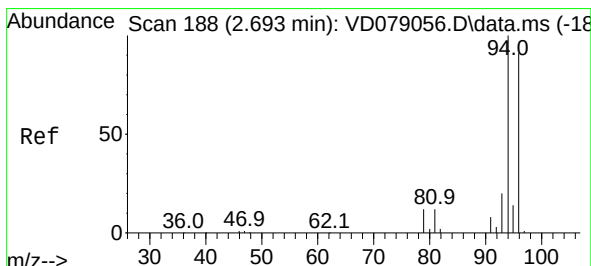
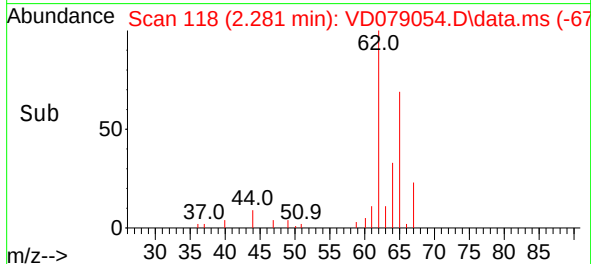
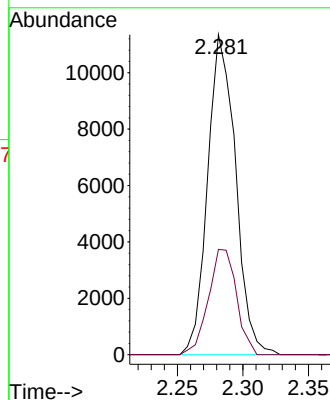
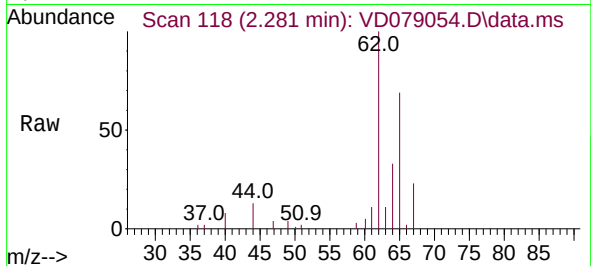




#5
 Vinyl chloride
 Concen: 2.255 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079054.D
 Acq: 29 May 2024 09:27

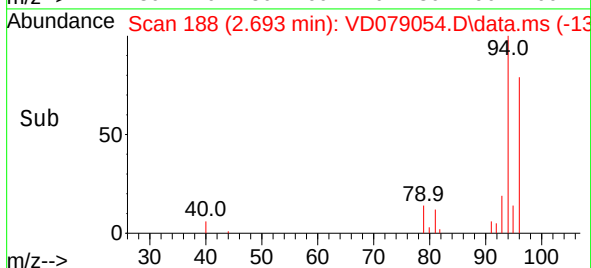
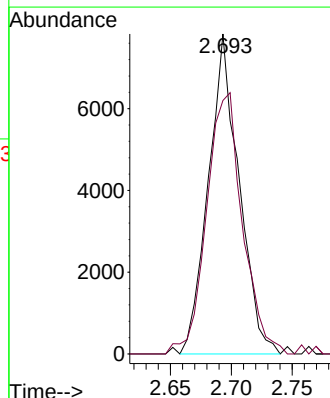
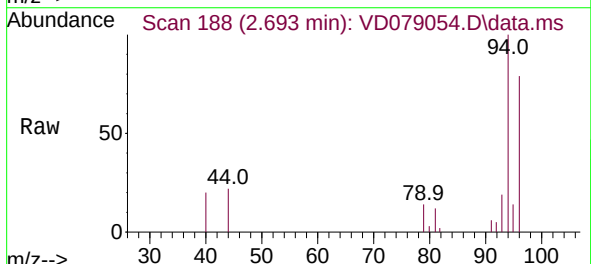
Instrument :
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 ClientSampleId :

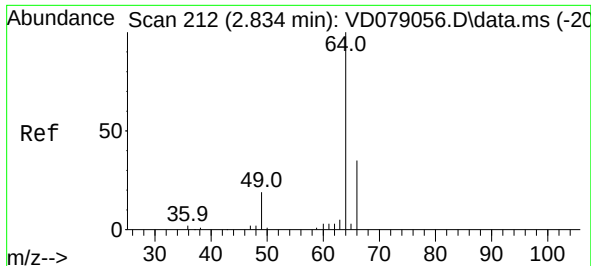
Tgt Ion: 62 Resp: 16826
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.8 46.1



#6
 Bromomethane
 Concen: 2.503 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079054.D
 Acq: 29 May 2024 09:27

Tgt Ion: 94 Resp: 13689
 Ion Ratio Lower Upper
 94 100
 96 79.2 63.6 118.2





#8

Chloroethane

Concen: 2.279 ug/L

RT: 2.840 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

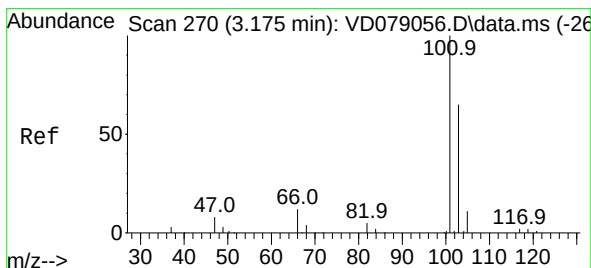
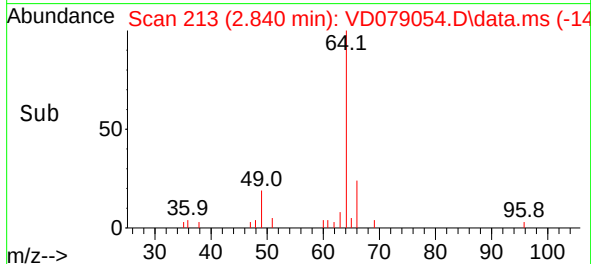
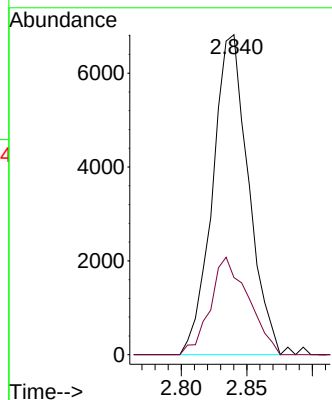
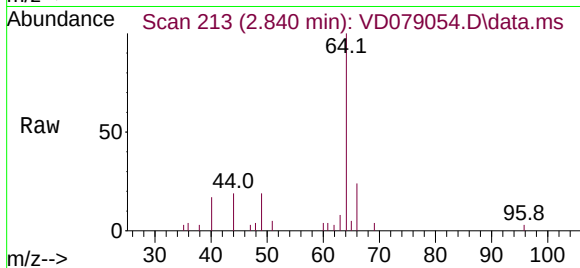
ClientSampleId :

Tgt Ion: 64 Resp: 12966

Ion Ratio Lower Upper

64 100

66 24.1 24.8 46.1#



#9

Trichlorofluoromethane

Concen: 2.063 ug/L

RT: 3.175 min Scan# 270

Delta R.T. 0.000 min

Lab File: VD079054.D

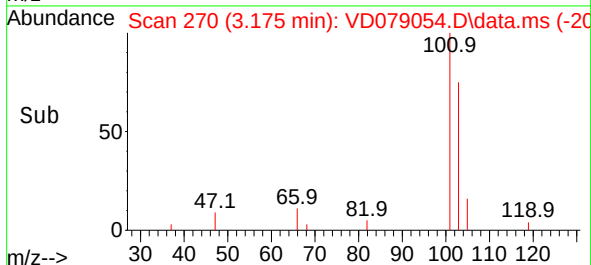
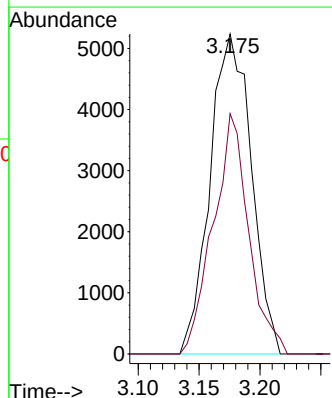
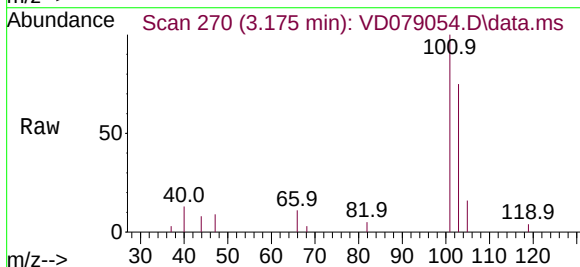
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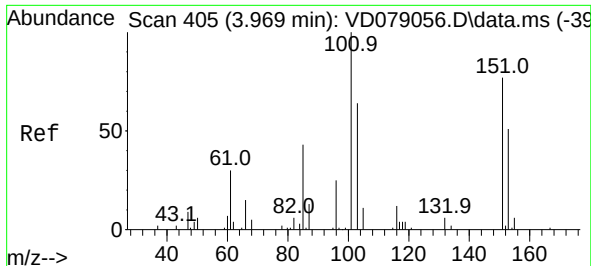
Tgt Ion:101 Resp: 12337

Ion Ratio Lower Upper

101 100

103 64.6 52.6 79.0

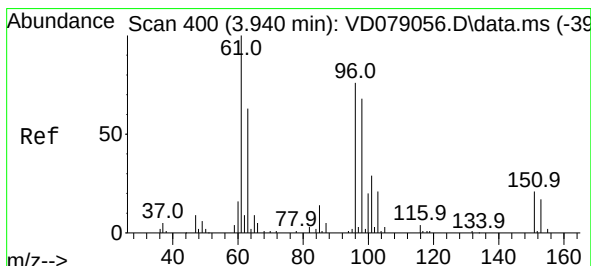
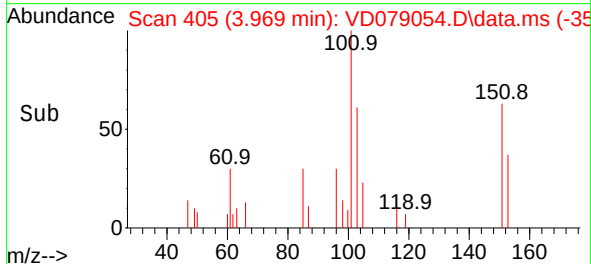
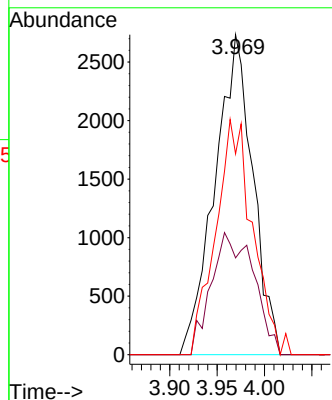
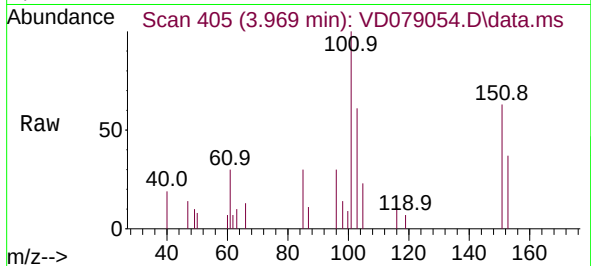




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.094 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD079054.D
 Acq: 29 May 2024 09:27

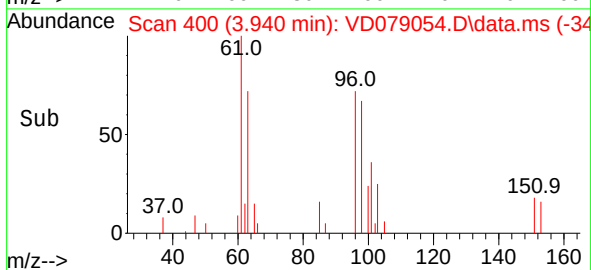
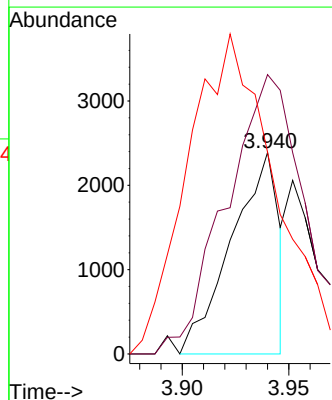
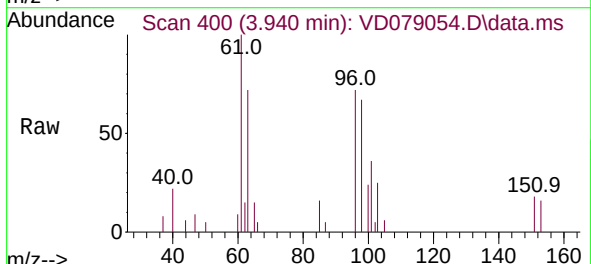
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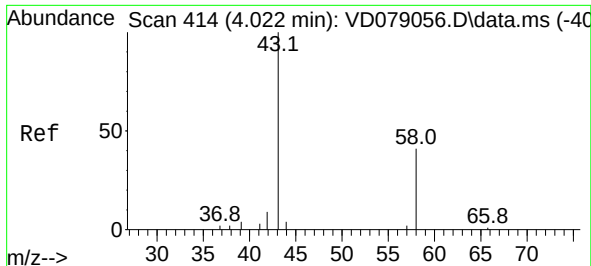
Tgt Ion:101 Resp: 7612
 Ion Ratio Lower Upper
 101 100
 85 24.8 35.4 53.0#
 151 70.9 59.1 88.7



#12
 1,1-Dichloroethene
 Concen: 1.162 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD079054.D
 Acq: 29 May 2024 09:27

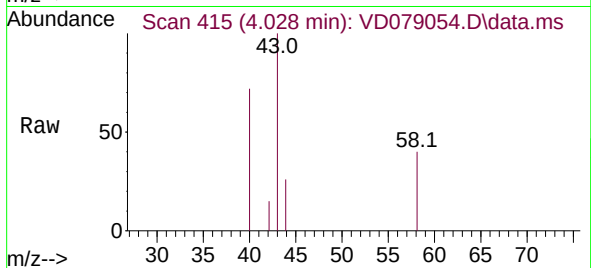
Tgt Ion: 96 Resp: 3705
 Ion Ratio Lower Upper
 96 100
 61 138.7 93.9 174.3
 63 100.0 67.7 125.7



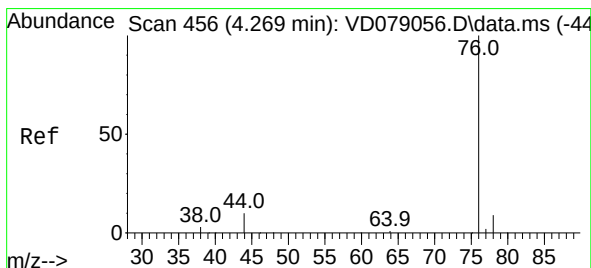
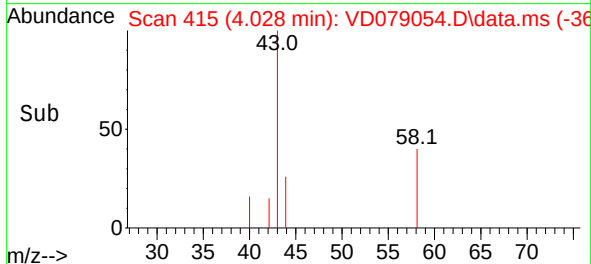
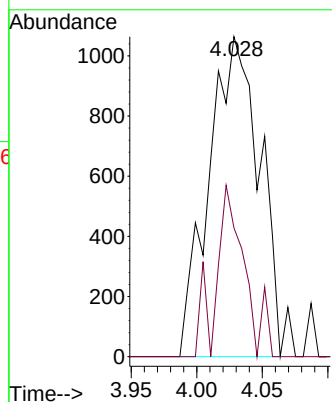


#13
Acetone
Concen: 3.679 ug/L
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079054.D
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ClientSampleId :

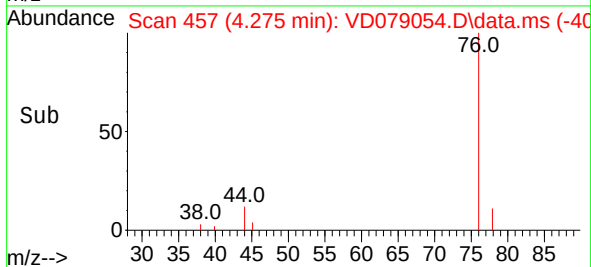
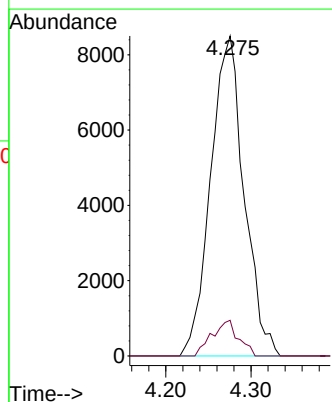
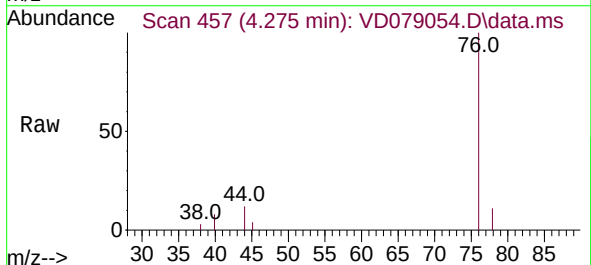


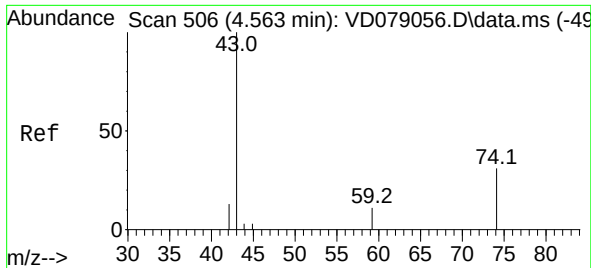
Tgt Ion: 43 Resp: 2850
Ion Ratio Lower Upper
43 100
58 23.5 0.0 78.2



#14
Carbon disulfide
Concen: 2.396 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

Tgt Ion: 76 Resp: 23153
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3

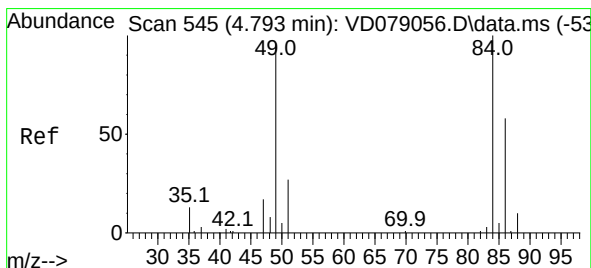
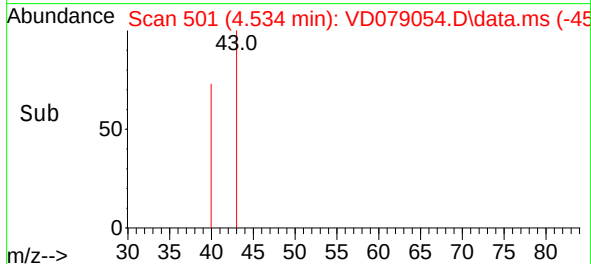
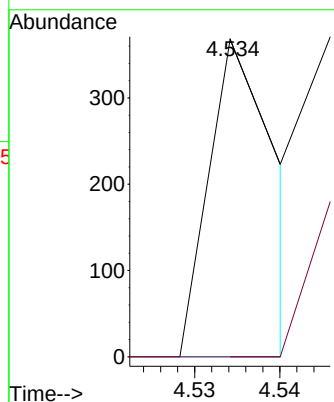
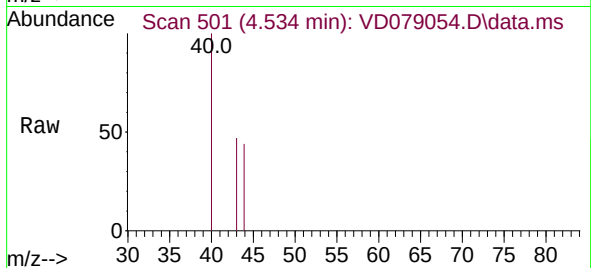




#15
Methyl Acetate
Concen: 0.173 ug/L
RT: 4.534 min Scan# 506
Delta R.T. -0.029 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

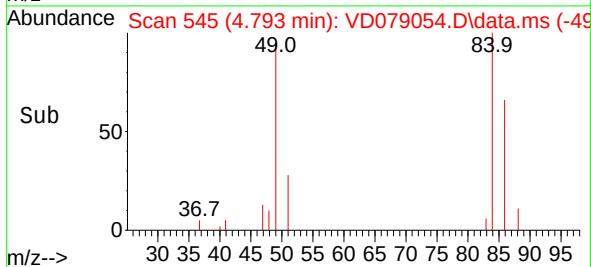
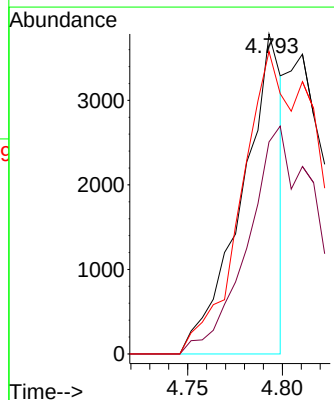
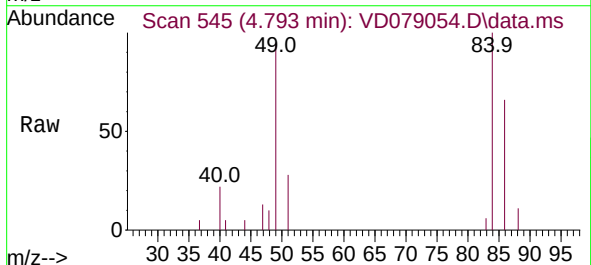
Instrument :
MSVOA_D
ClientSampleId :

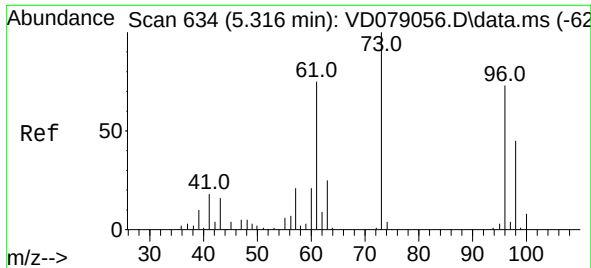
Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
74 30.6 23.8 35.6



#16
Methylene chloride
Concen: 1.309 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.000 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

Tgt Ion: 84 Resp: 5632
Ion Ratio Lower Upper
84 100
86 66.2 40.9 76.0
49 94.5 67.5 125.3





#17

trans-1,2-Dichloroethene

Concen: 1.989 ug/L

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

ClientSampleId :

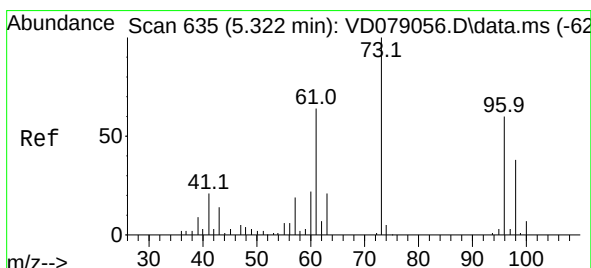
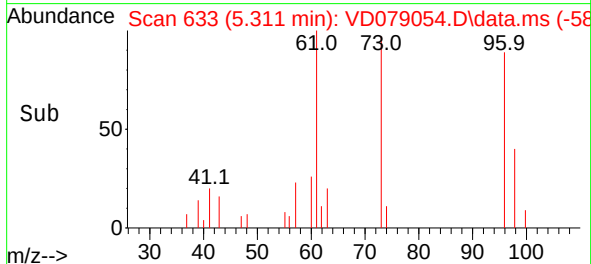
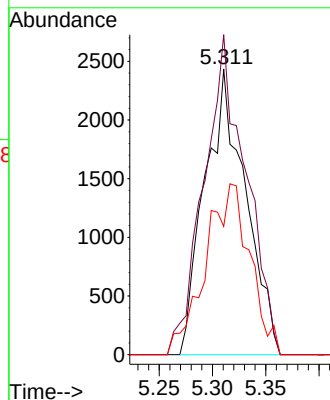
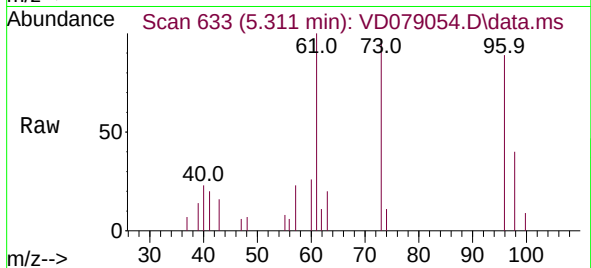
Tgt Ion: 96 Resp: 6471

Ion Ratio Lower Upper

96 100

61 112.0 71.9 133.5

98 44.9 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 1.263 ug/L

RT: 5.328 min Scan# 636

Delta R.T. 0.006 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

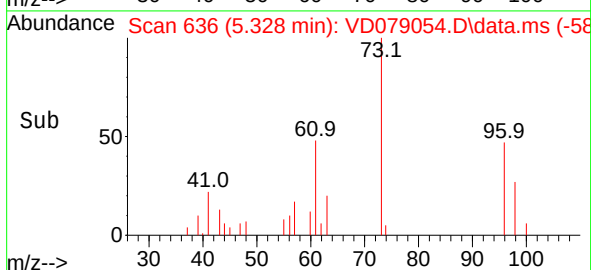
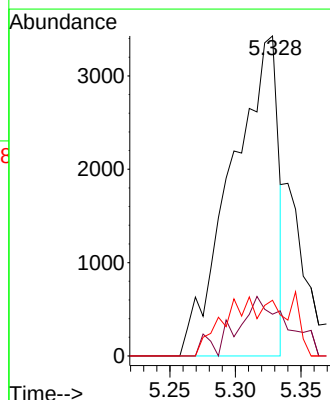
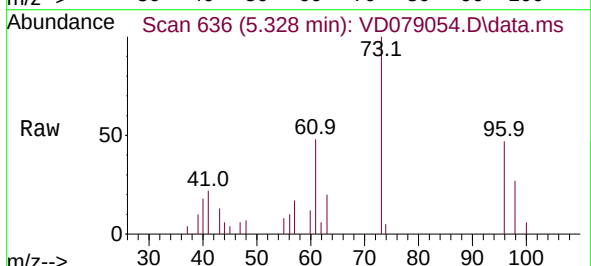
Tgt Ion: 73 Resp: 8444

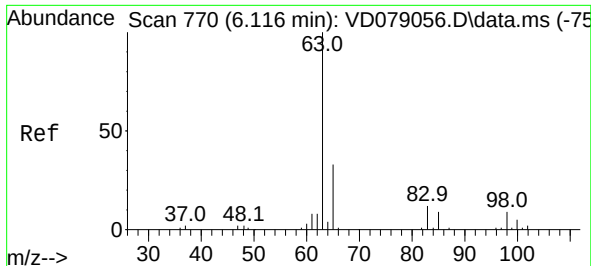
Ion Ratio Lower Upper

73 100

43 0.0 12.0 18.0#

57 8.2 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 1.124 ug/L

RT: 6.105 min Scan# 7

Delta R.T. -0.012 min

Lab File: VD079054.D

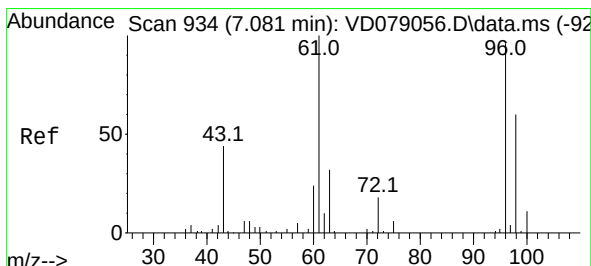
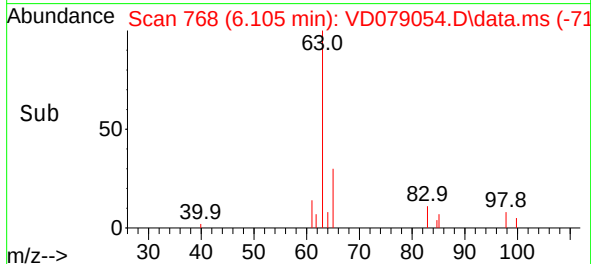
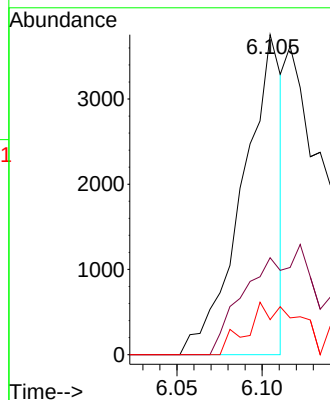
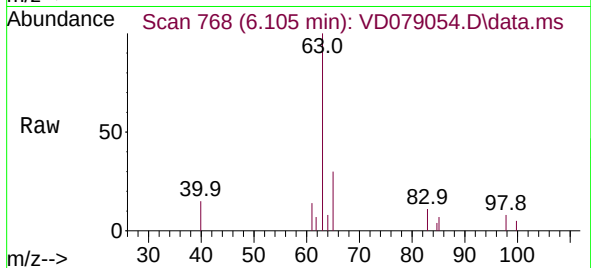
Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 63	Resp: 5999
Ion Ratio	Lower Upper
63 100	
65 30.3	22.8 42.4
83 10.9	8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 1.847 ug/L

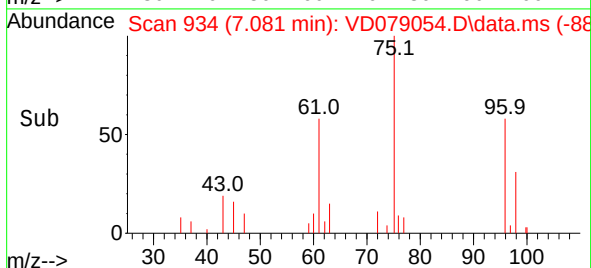
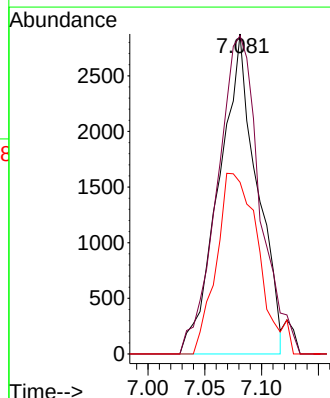
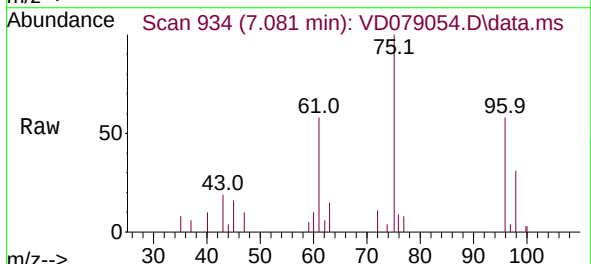
RT: 7.081 min Scan# 934

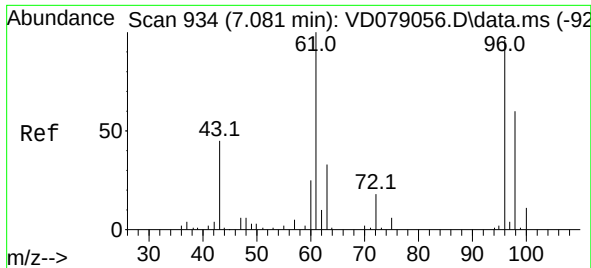
Delta R.T. 0.000 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Tgt Ion: 96	Resp: 6699
Ion Ratio	Lower Upper
96 100	
61 99.5	72.6 134.8
98 53.7	43.8 81.3





#22

2-Butanone

Concen: 0.710 ug/L

RT: 7.063 min Scan# 91

Delta R.T. -0.017 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

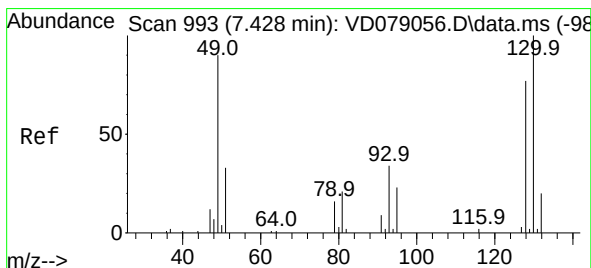
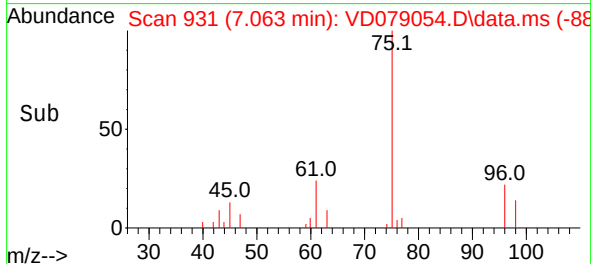
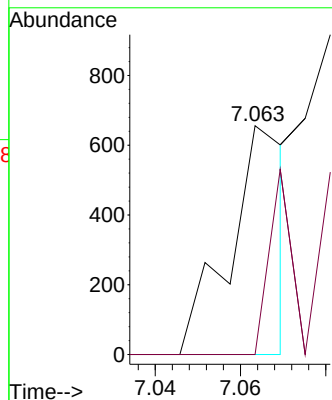
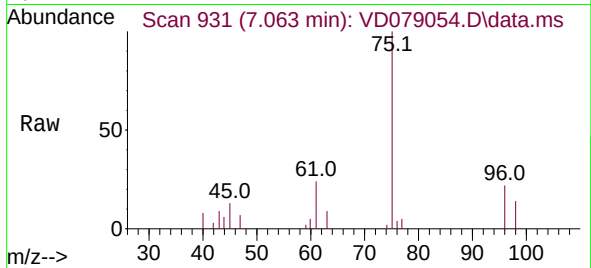
ClientSampleId :

Tgt Ion: 43 Resp: 608

Ion Ratio Lower Upper

43 100

72 30.8 19.3 57.8



#23

Bromochloromethane

Concen: 0.952 ug/L

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Tgt Ion: 128 Resp: 1730

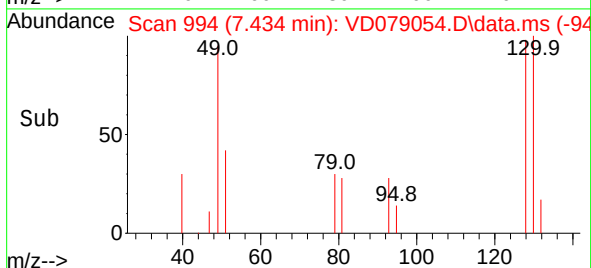
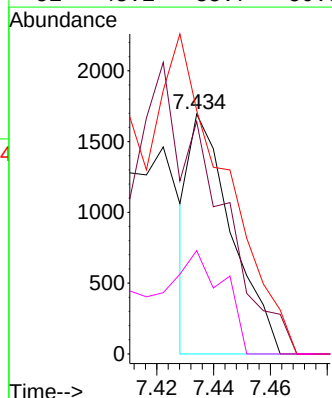
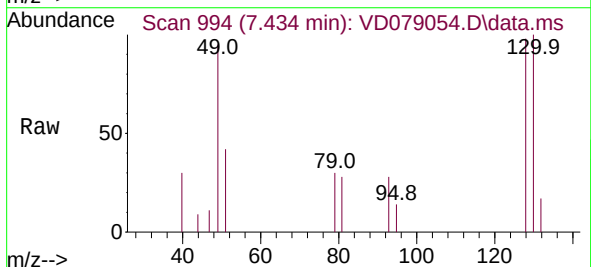
Ion Ratio Lower Upper

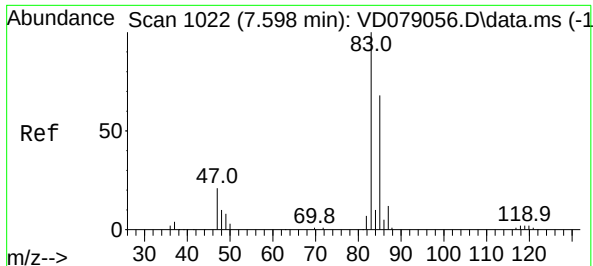
128 100

49 96.9 81.8 151.8

130 101.5 90.4 167.8

51 43.1 33.7 50.5

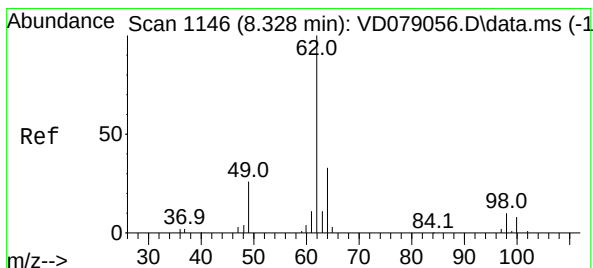
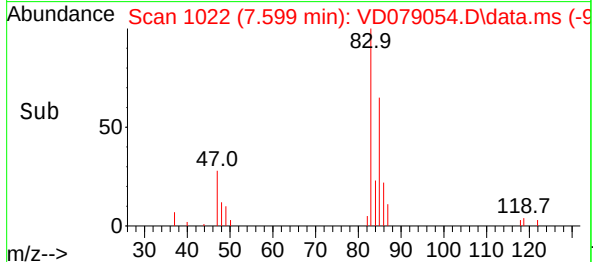
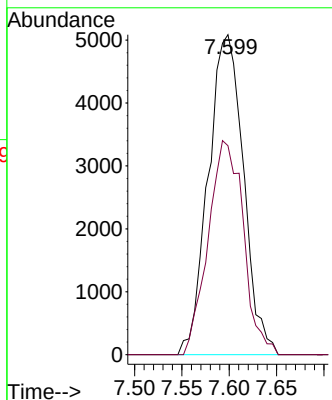
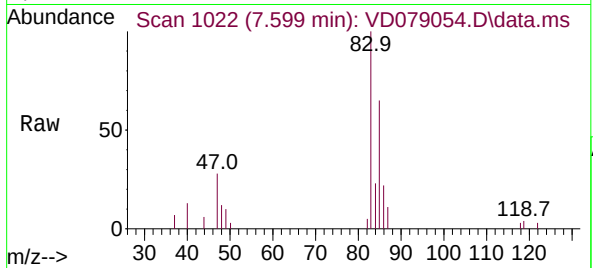




#25
Chloroform
Concen: 2.063 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

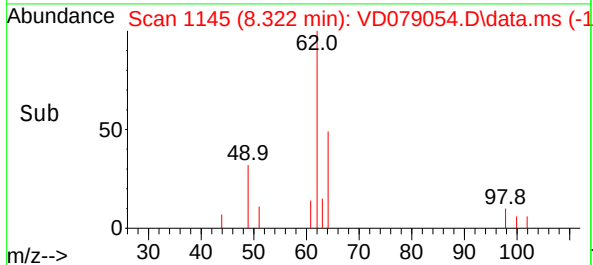
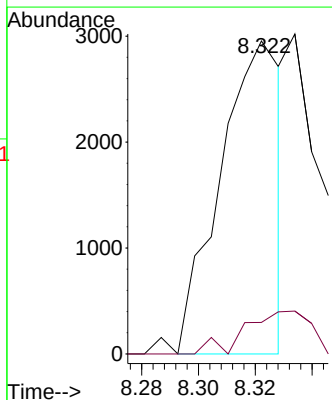
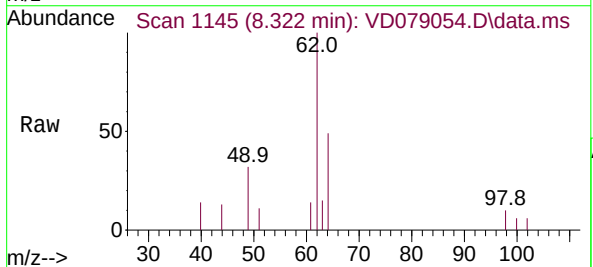
Instrument :
MSVOA_D
ClientSampleId :

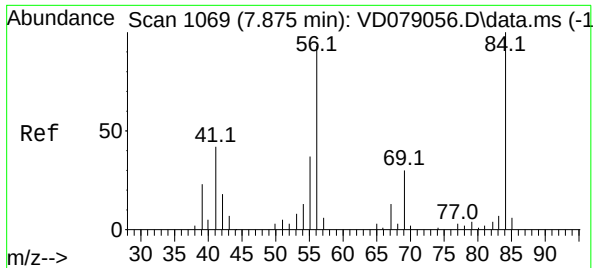
Tgt Ion: 83 Resp: 13182
Ion Ratio Lower Upper
83 100
85 65.3 47.9 89.1



#27
1,2-Dichloroethane
Concen: 1.189 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

Tgt Ion: 62 Resp: 4411
Ion Ratio Lower Upper
62 100
98 10.1 8.2 12.4





#29

Cyclohexane

Concen: 1.743 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

ClientSampleId :

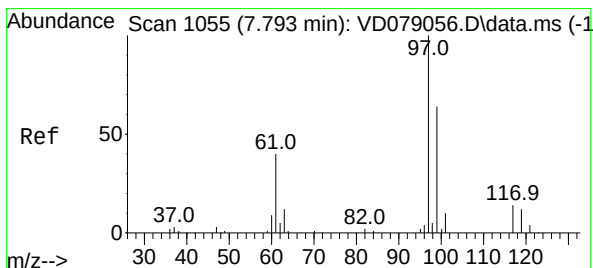
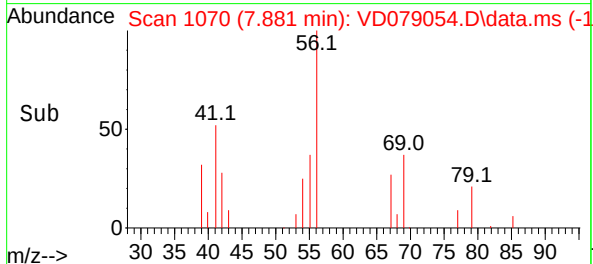
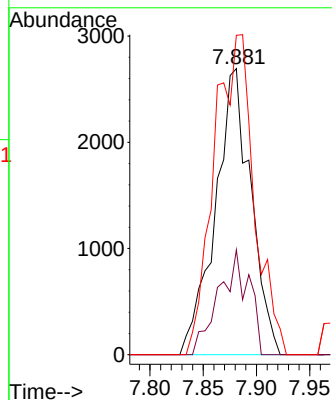
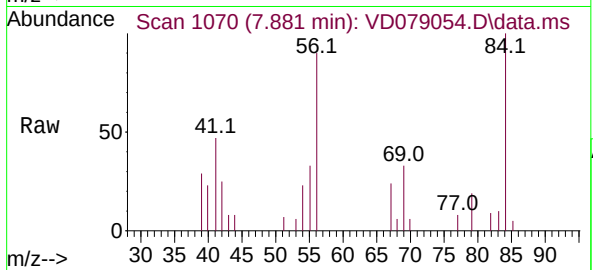
Tgt Ion: 56 Resp: 6265

Ion Ratio Lower Upper

56 100

69 8.5 26.6 40.0#

84 0.0 87.5 131.3#



#30

1,1,1-Trichloroethane

Concen: 2.190 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

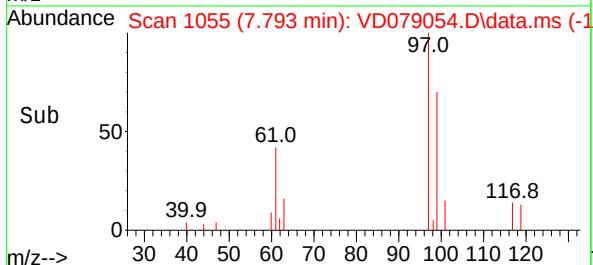
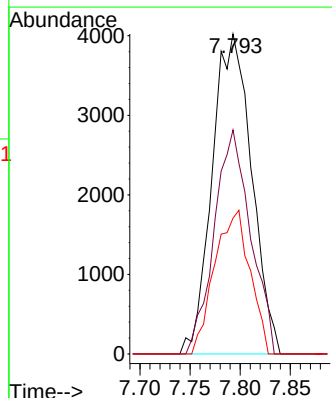
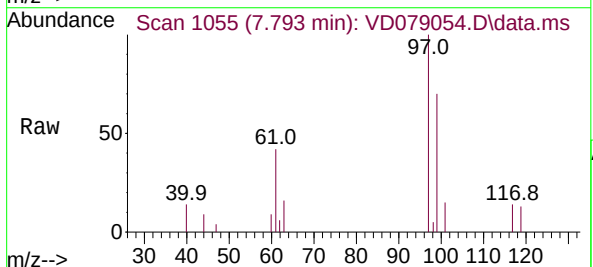
Tgt Ion: 97 Resp: 10987

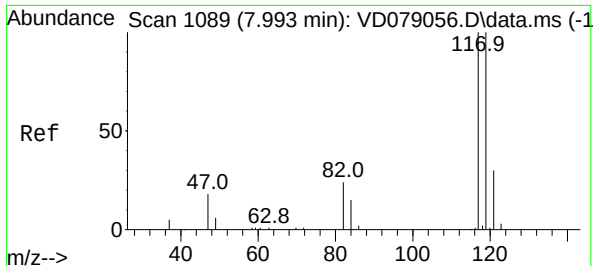
Ion Ratio Lower Upper

97 100

99 64.5 52.3 78.5

61 40.4 31.7 47.5





#31

Carbon tetrachloride

Concen: 2.226 ug/L

RT: 7.993 min Scan# 110

Delta R.T. 0.000 min

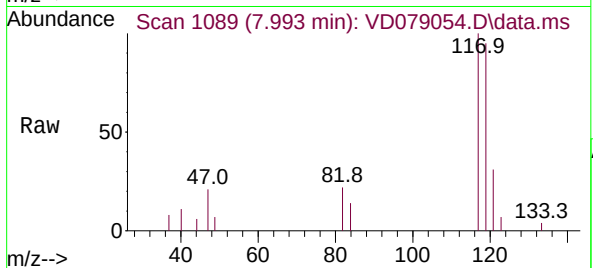
Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

ClientSampleId :

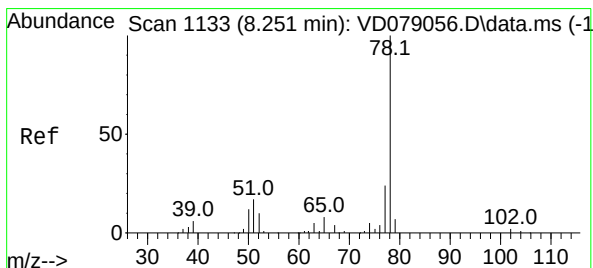
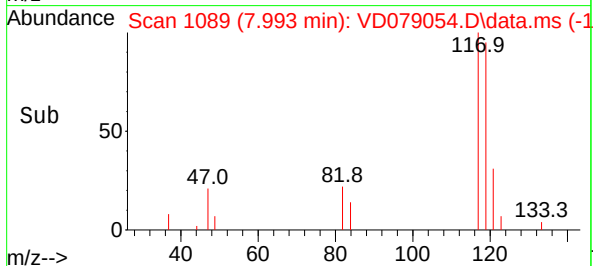
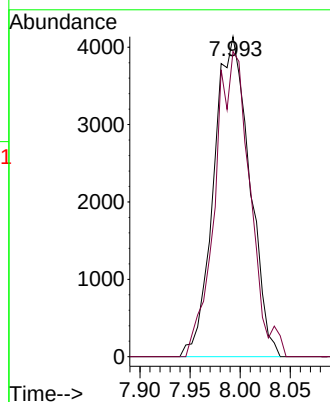


Tgt Ion:117 Resp: 10291

Ion Ratio Lower Upper

117 100

119 90.8 79.6 119.4



#33

Benzene

Concen: 1.981 ug/L

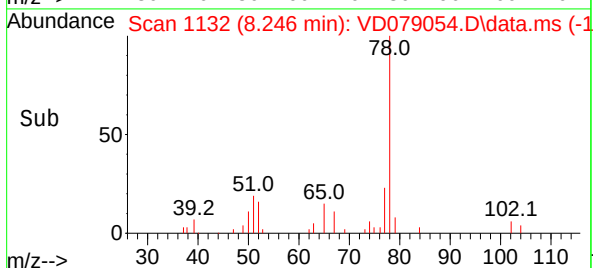
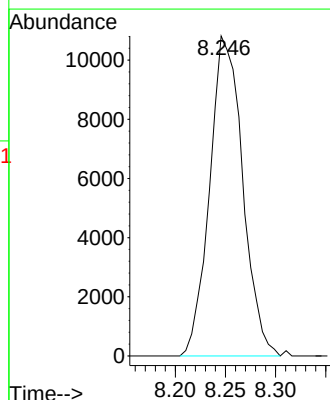
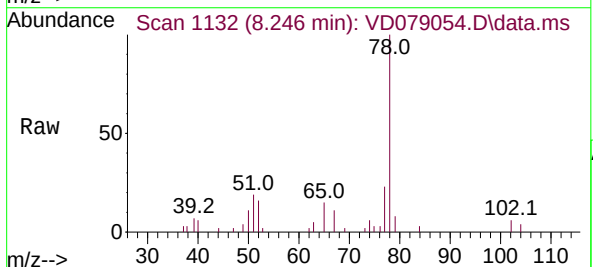
RT: 8.246 min Scan# 1132

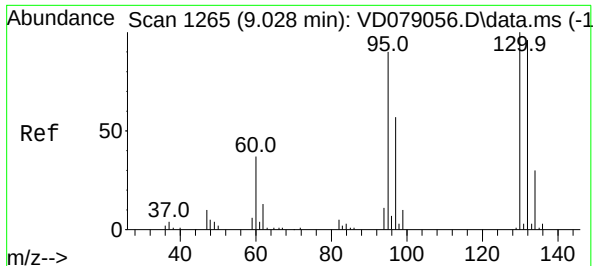
Delta R.T. -0.006 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

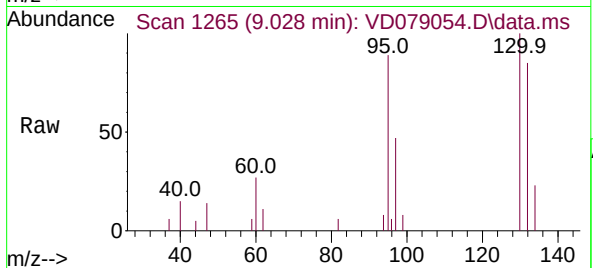
Tgt Ion: 78 Resp: 24762



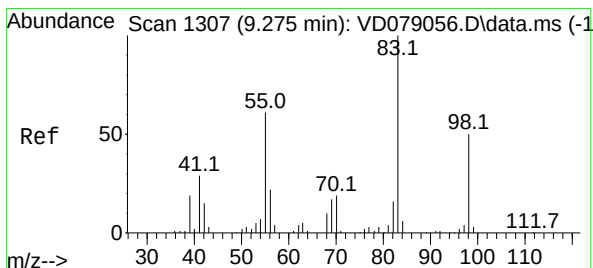
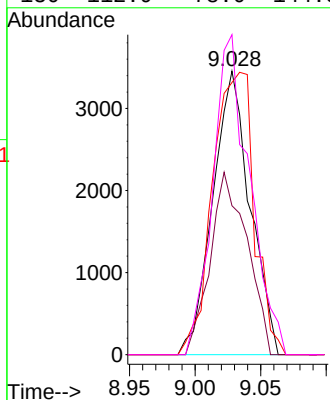
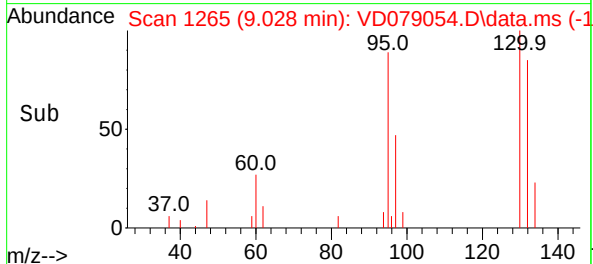


#34
Trichloroethene
Concen: 2.122 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

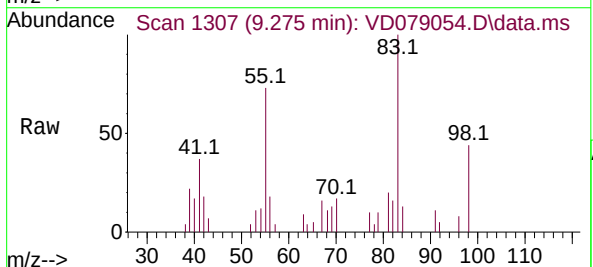
Instrument :
MSVOA_D
ClientSampleId :



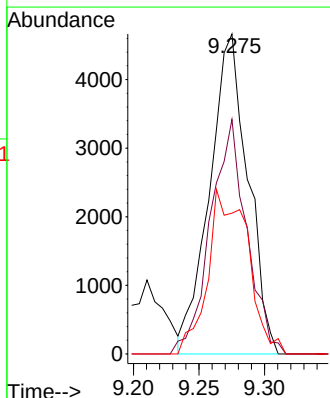
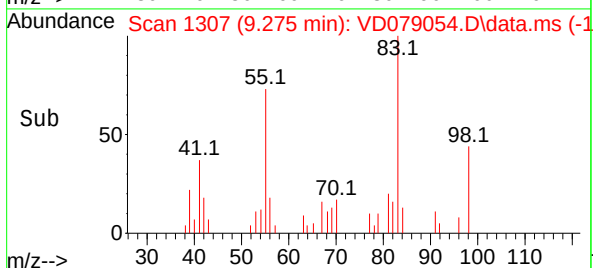
Tgt Ion: 95 Resp: 6846
Ion Ratio Lower Upper
95 100
97 52.6 44.6 82.8
132 96.0 74.9 139.1
130 112.9 78.0 144.8

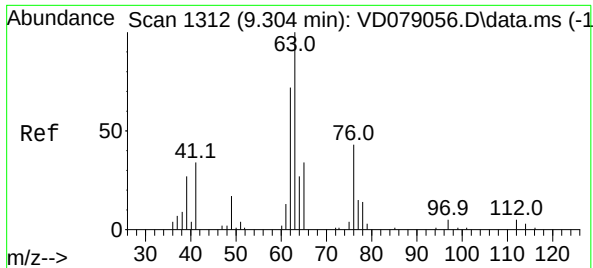


#35
Methylcyclohexane
Concen: 1.898 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27



Tgt Ion: 83 Resp: 9466
Ion Ratio Lower Upper
83 100
55 69.3 48.6 72.8
98 25.3 40.2 60.2#

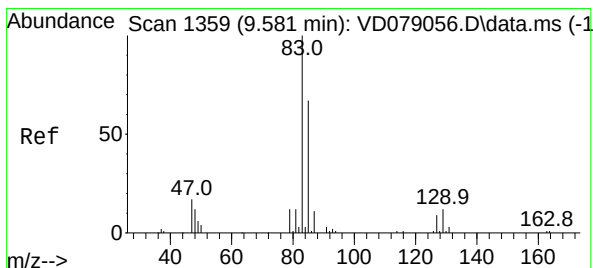
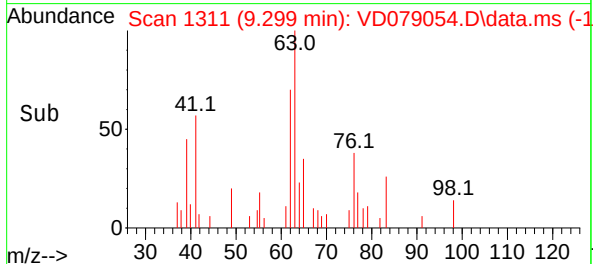
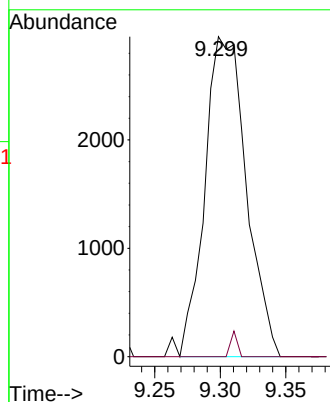
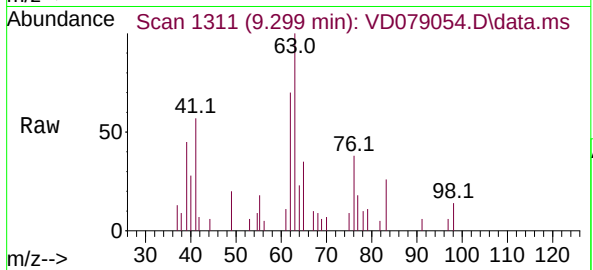




#37
1,2-Dichloropropane
Concen: 2.069 ug/L
RT: 9.299 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

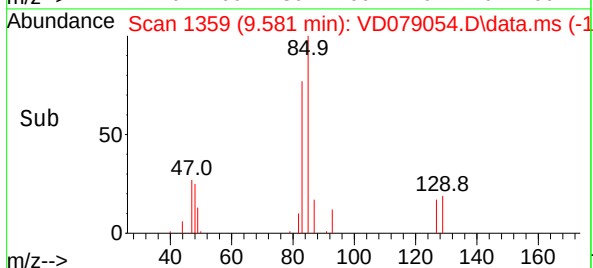
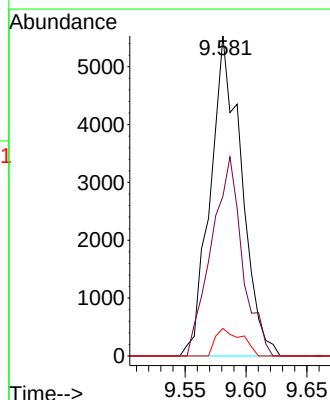
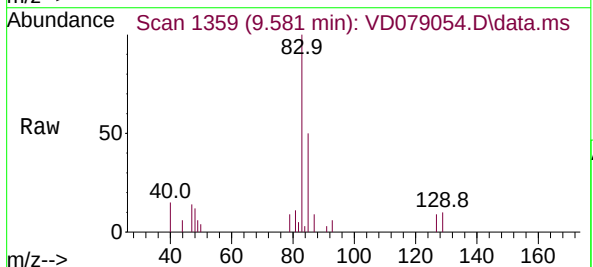
Instrument :
MSVOA_D
ClientSampleId :

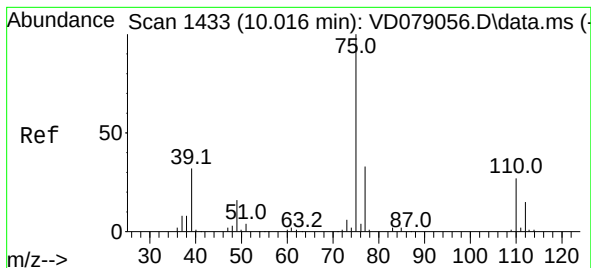
Tgt Ion: 63 Resp: 6485
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#38
Bromodichloromethane
Concen: 2.241 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

Tgt Ion: 83 Resp: 9847
Ion Ratio Lower Upper
83 100
85 49.9 46.5 86.5
127 8.6 7.0 10.6

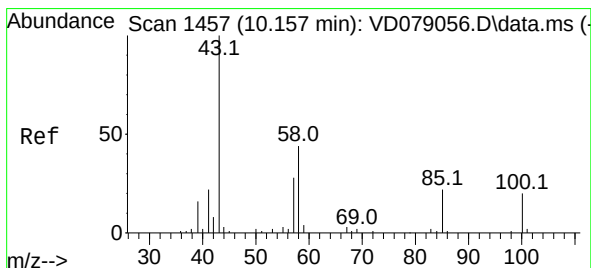
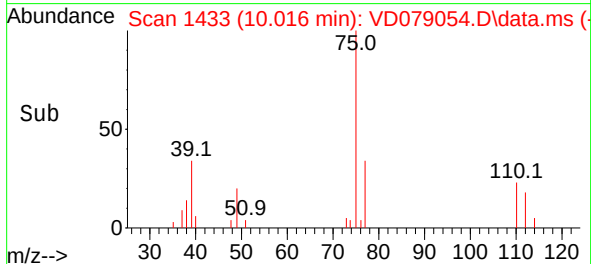
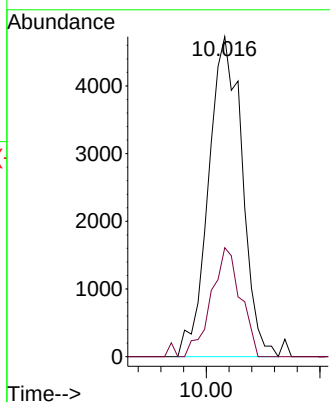
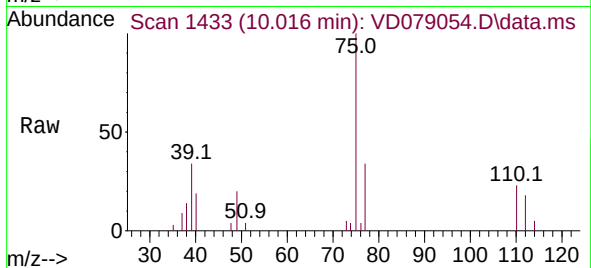




#39
 cis-1,3-Dichloropropene
 Concen: 1.976 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079054.D
 Acq: 29 May 2024 09:27

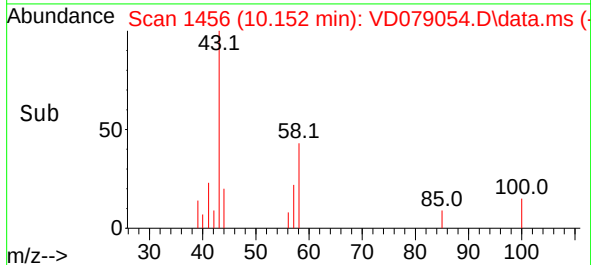
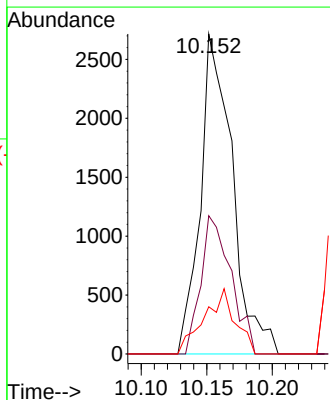
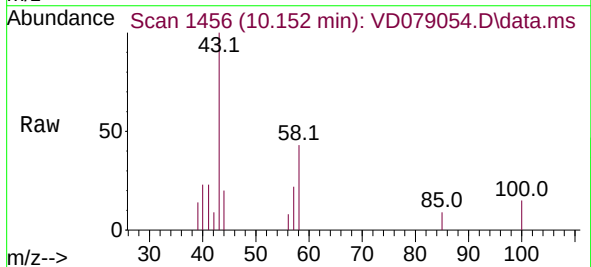
Instrument :
 MSVOA_D
 ClientSampleId :

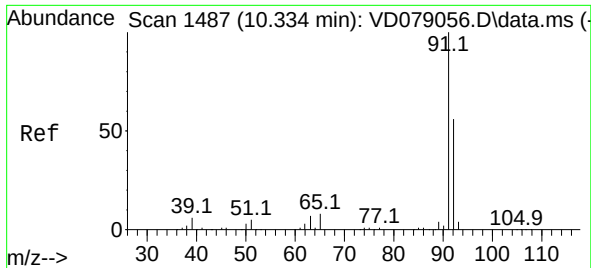
Tgt Ion: 75 Resp: 9702
 Ion Ratio Lower Upper
 75 100
 77 34.1 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 2.980 ug/L
 RT: 10.152 min Scan# 1456
 Delta R.T. -0.006 min
 Lab File: VD079054.D
 Acq: 29 May 2024 09:27

Tgt Ion: 43 Resp: 4611
 Ion Ratio Lower Upper
 43 100
 58 40.6 34.0 51.0
 100 19.8 16.9 25.3





#42

Toluene

Concen: 1.918 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

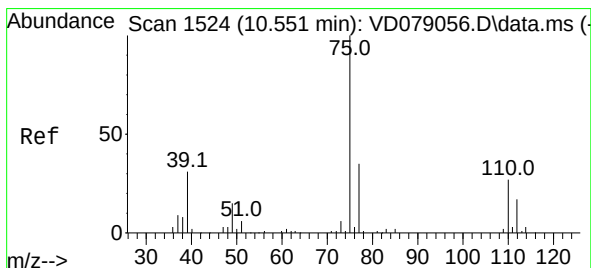
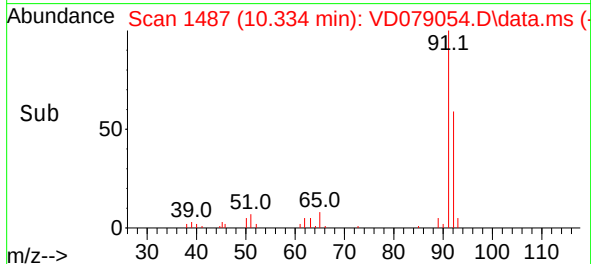
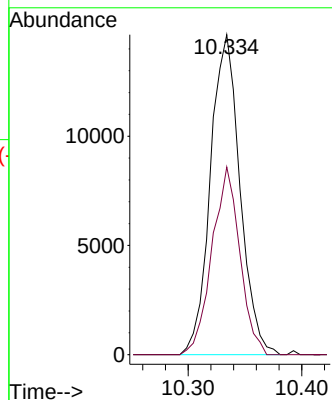
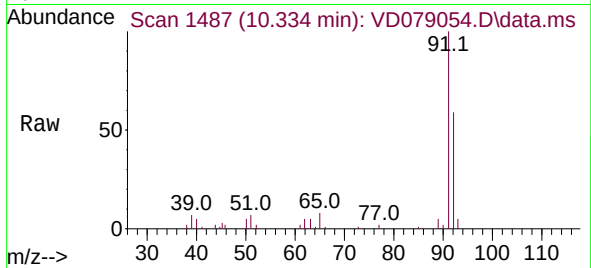
ClientSampleId :

Tgt Ion: 91 Resp: 26493

Ion Ratio Lower Upper

91 100

92 58.6 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 1.742 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD079054.D

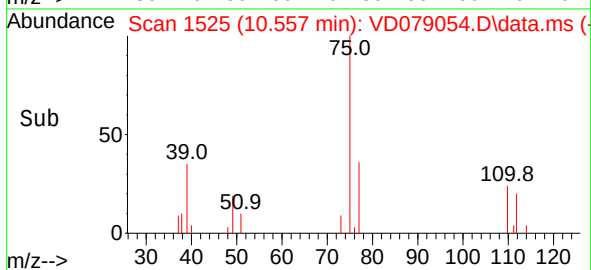
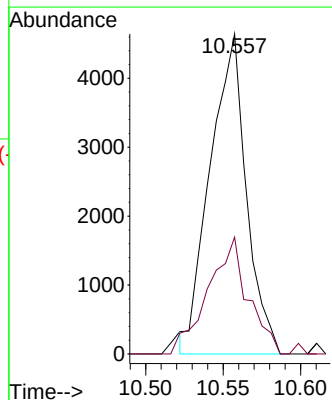
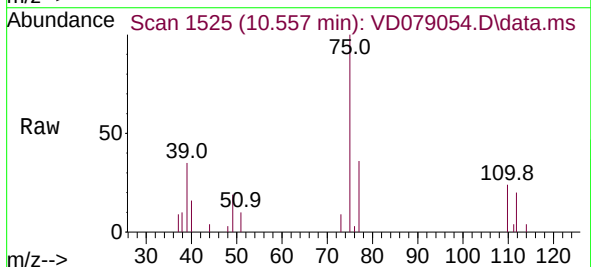
Acq: 29 May 2024 09:27

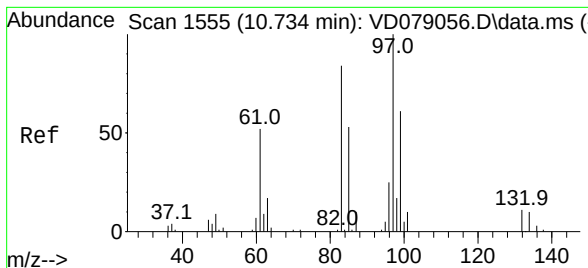
Tgt Ion: 75 Resp: 7538

Ion Ratio Lower Upper

75 100

77 36.5 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 2.086 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

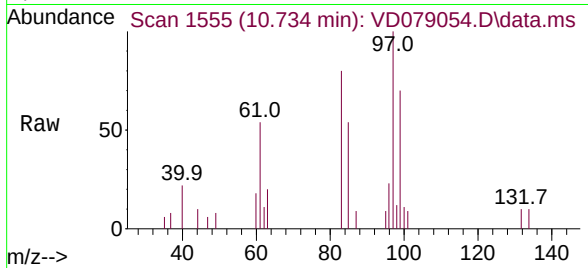
Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 5894

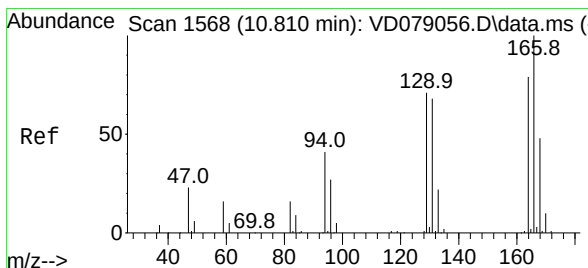
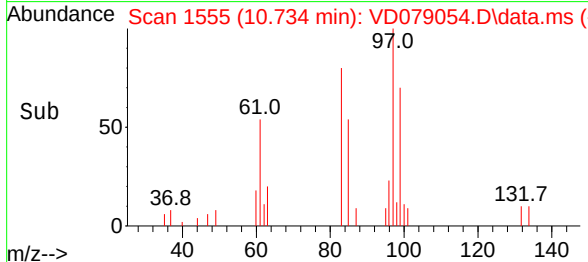
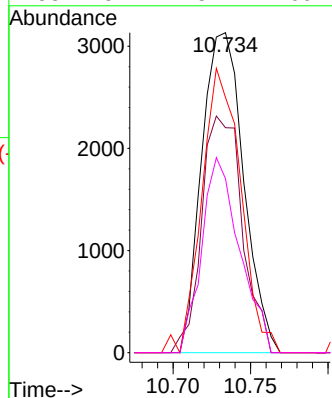
Ion Ratio Lower Upper

97 100

99 70.3 43.0 79.8

83 79.7 58.9 109.5

85 54.4 37.2 69.2



#46

Tetrachloroethene

Concen: 2.161 ug/L

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Tgt Ion: 164 Resp: 6069

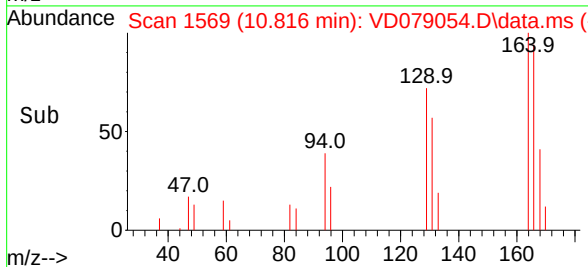
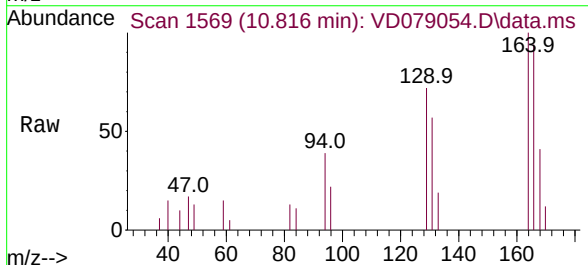
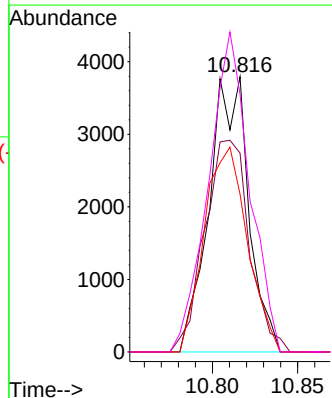
Ion Ratio Lower Upper

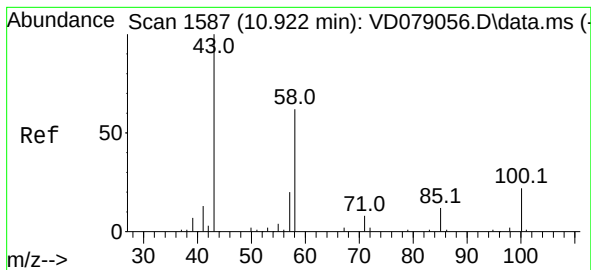
164 100

129 72.3 64.3 119.5

131 57.4 61.2 113.8#

166 93.6 90.0 167.2





#48

2-Hexanone

Concen: 2.920 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. -0.006 min

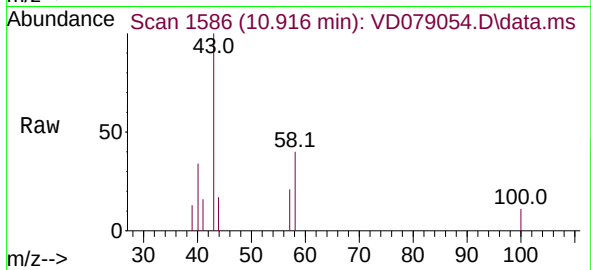
Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 3591

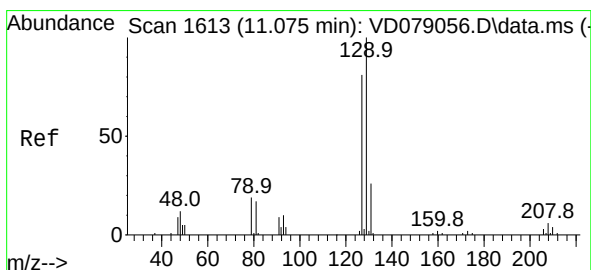
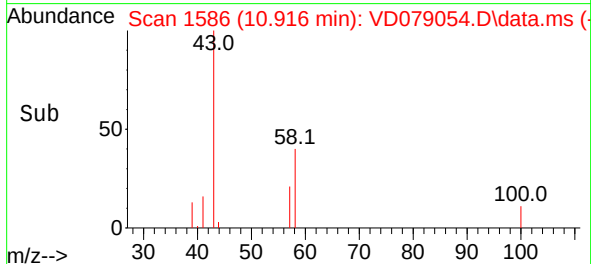
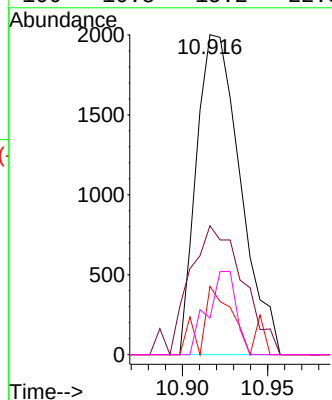
Ion Ratio Lower Upper

43 100

58 48.2 50.1 75.1#

57 12.1 16.5 24.7#

100 16.8 15.2 22.8



#49

Dibromochloromethane

Concen: 2.138 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD079054.D

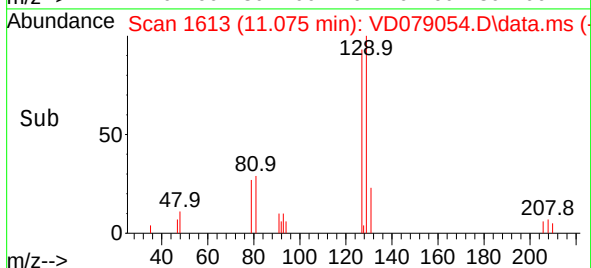
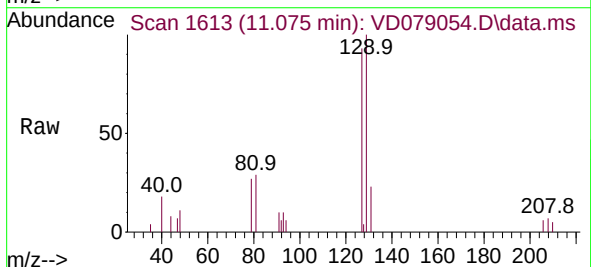
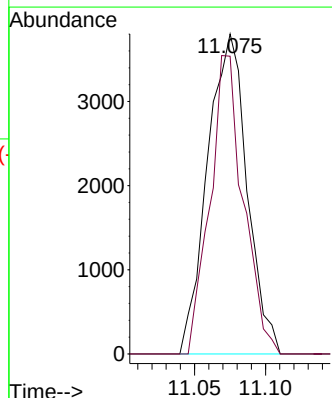
Acq: 29 May 2024 09:27

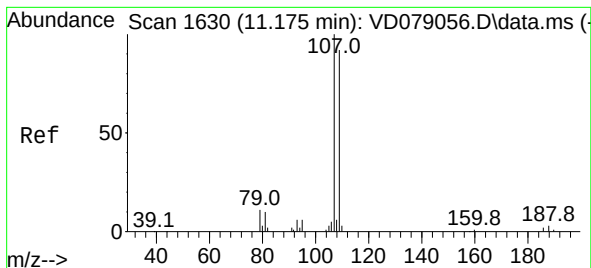
Tgt Ion: 129 Resp: 7365

Ion Ratio Lower Upper

129 100

127 97.1 56.4 104.7





#50

1,2-Dibromoethane

Concen: 1.911 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079054.D

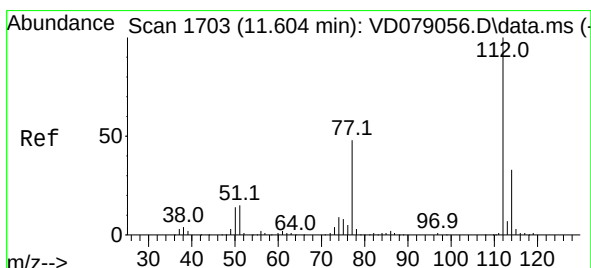
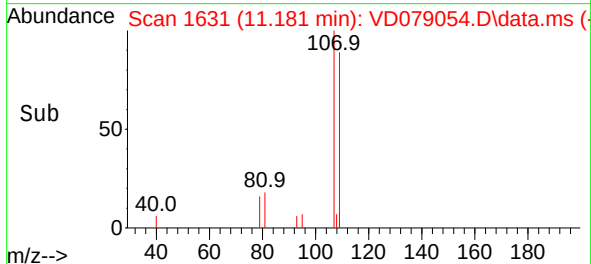
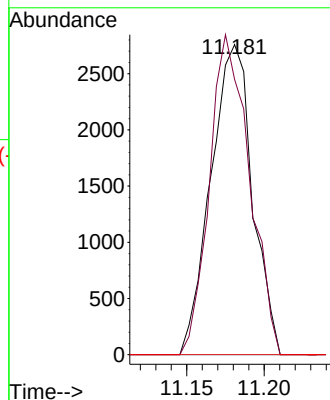
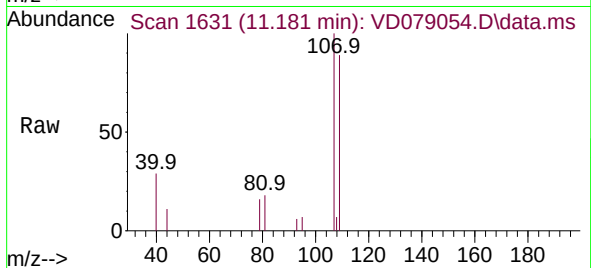
Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	5151
Ion Ratio	Lower	Upper
107	100	
109	88.8	64.5 119.7
188	0.0	2.6 3.8#



#51

Chlorobenzene

Concen: 2.001 ug/L

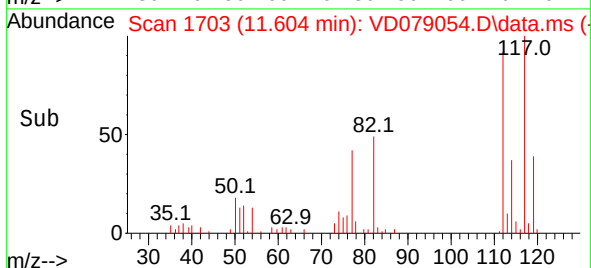
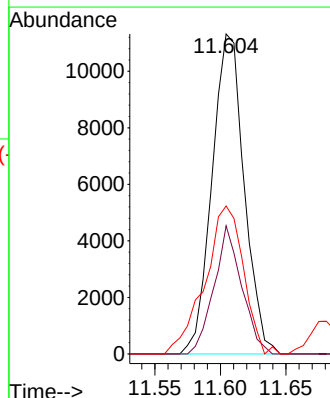
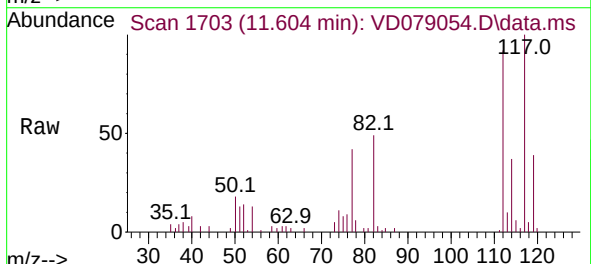
RT: 11.604 min Scan# 1703

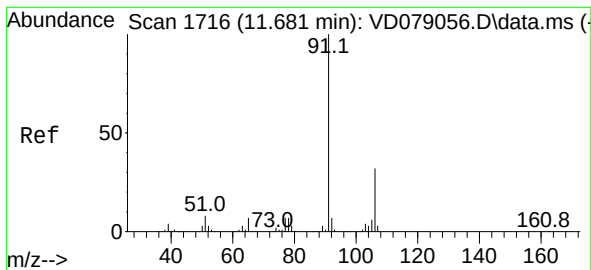
Delta R.T. 0.000 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Tgt Ion:112	Resp:	19284
Ion Ratio	Lower	Upper
112	100	
114	40.0	22.7 42.3
77	46.3	38.4 57.6





#52

Ethylbenzene

Concen: 1.752 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

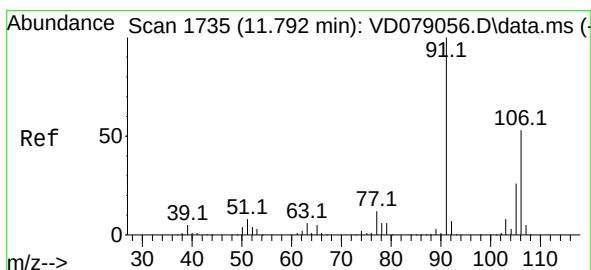
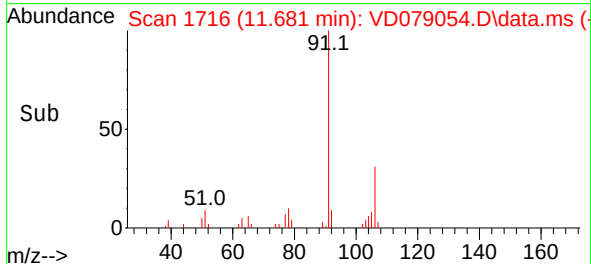
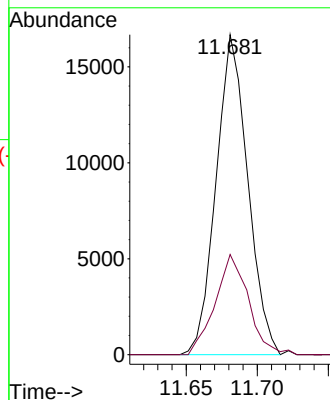
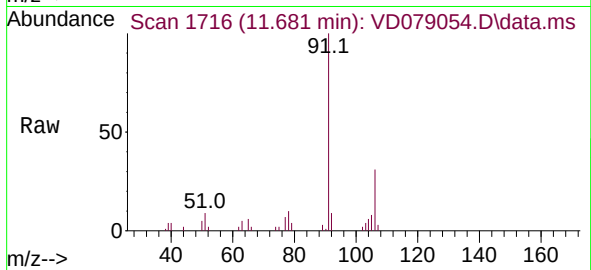
ClientSampleId :

Tgt Ion: 91 Resp: 25873

Ion Ratio Lower Upper

91 100

106 31.3 22.3 41.5



#53

m,p-Xylene

Concen: 1.655 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079054.D

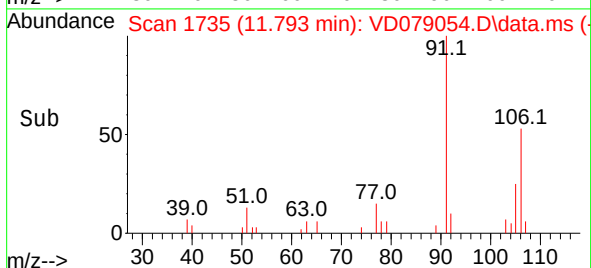
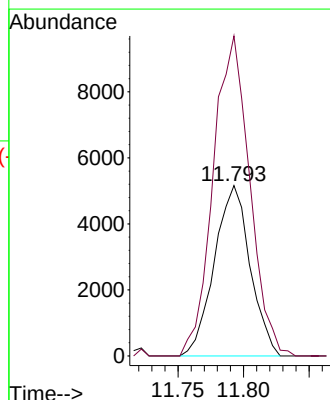
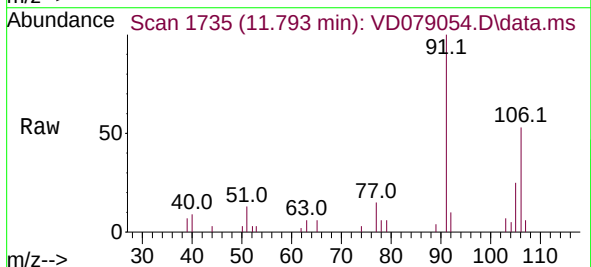
Acq: 29 May 2024 09:27

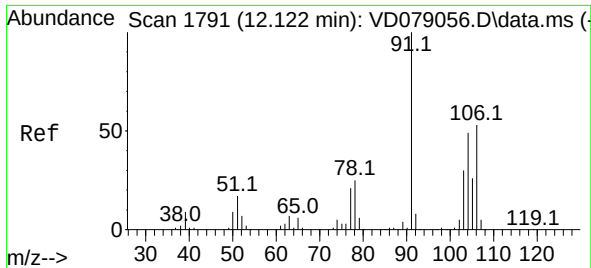
Tgt Ion:106 Resp: 9790

Ion Ratio Lower Upper

106 100

91 187.8 133.1 247.1

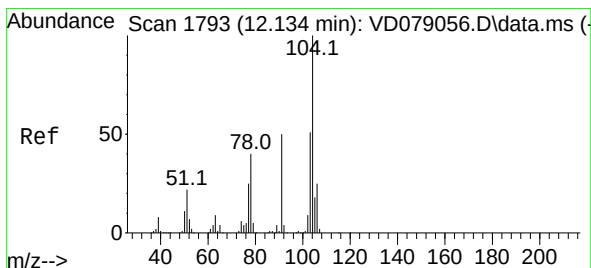
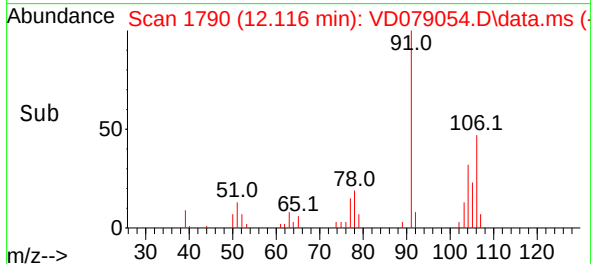
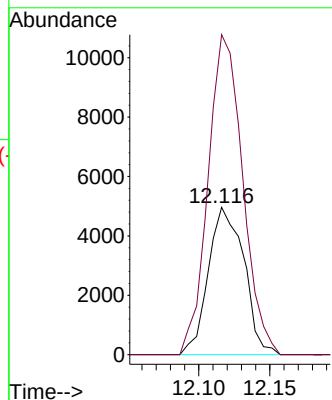
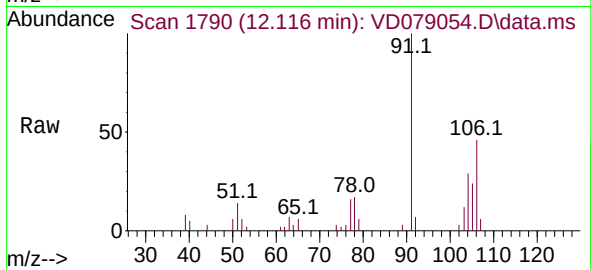




#54
o-Xylene
Concen: 1.498 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

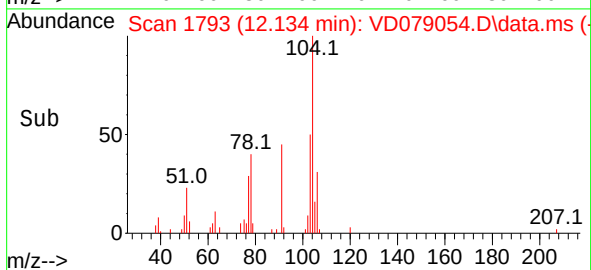
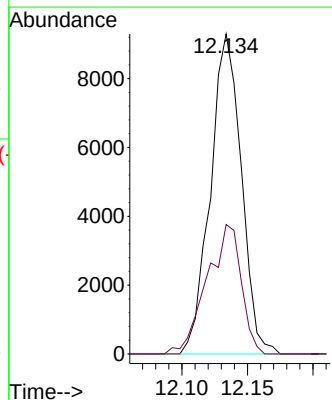
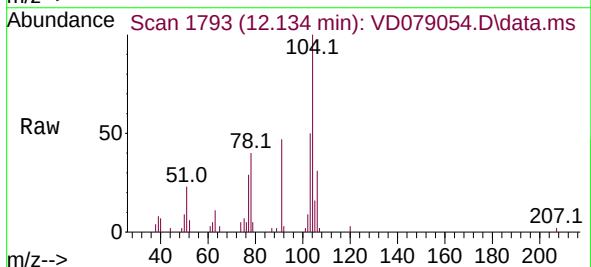
Instrument :
MSVOA_D
ClientSampleId :

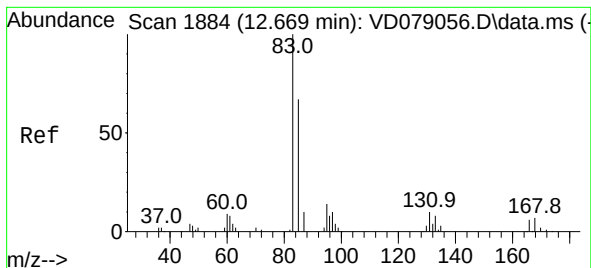
Tgt Ion:106 Resp: 8654
Ion Ratio Lower Upper
106 100
91 217.2 132.9 246.9



#55
Styrene
Concen: 1.511 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

Tgt Ion:104 Resp: 15233
Ion Ratio Lower Upper
104 100
78 40.5 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 1.974 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

ClientSampleId :

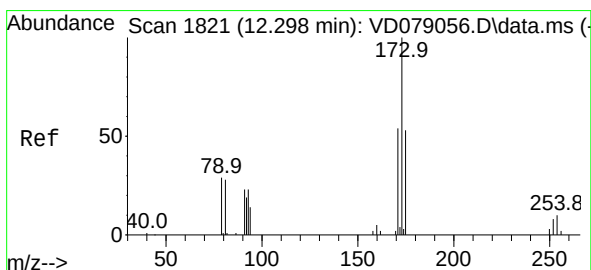
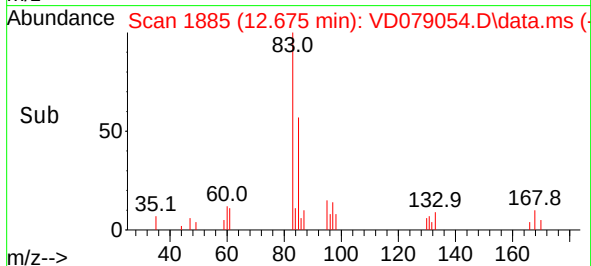
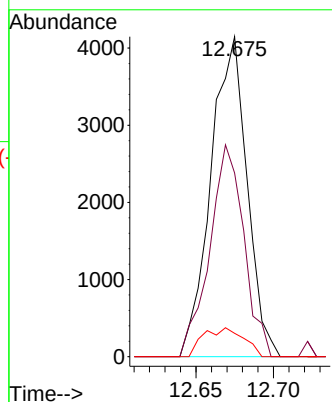
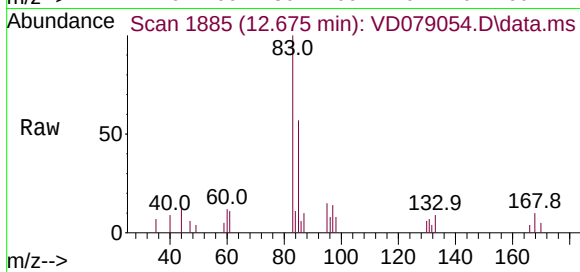
Tgt Ion: 83 Resp: 6729

Ion Ratio Lower Upper

83 100

85 57.4 47.5 88.1

131 11.5 8.6 13.0



#59

Bromoform

Concen: 2.280 ug/L

RT: 12.293 min Scan# 1820

Delta R.T. -0.006 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

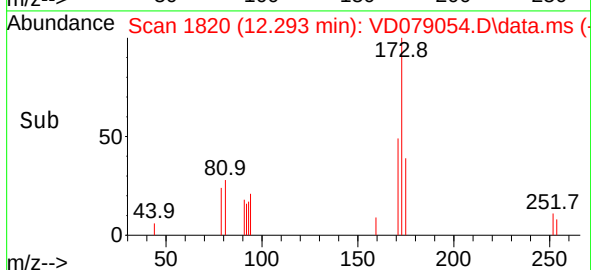
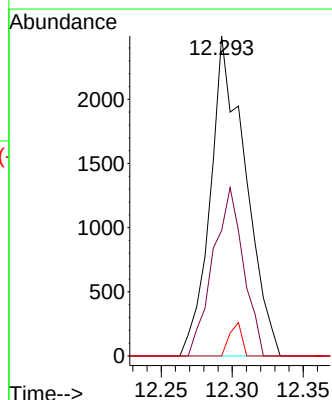
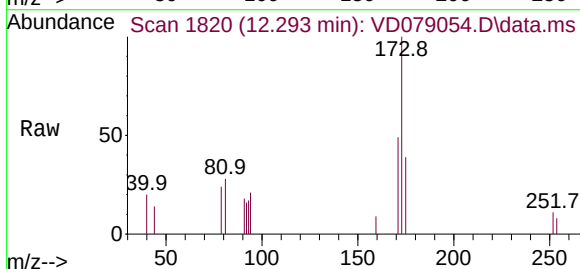
Tgt Ion:173 Resp: 4273

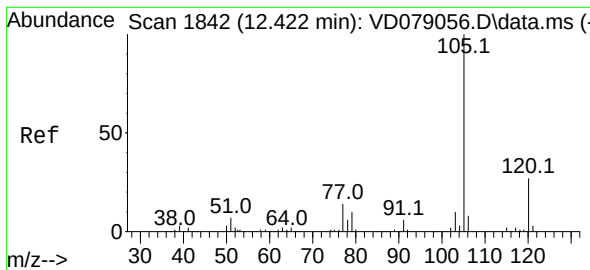
Ion Ratio Lower Upper

173 100

175 45.8 38.2 57.4

254 3.6 7.0 10.6#





#60

Isopropylbenzene

Concen: 1.885 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079054.D

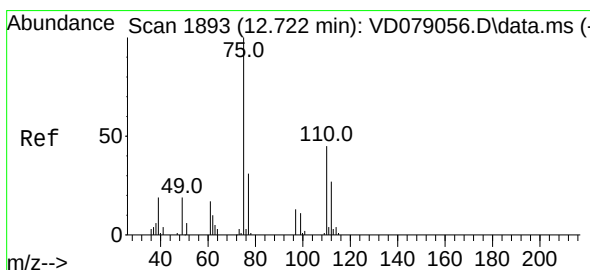
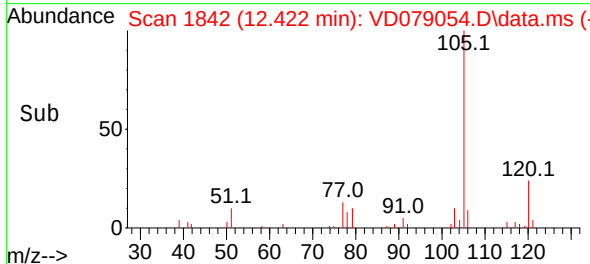
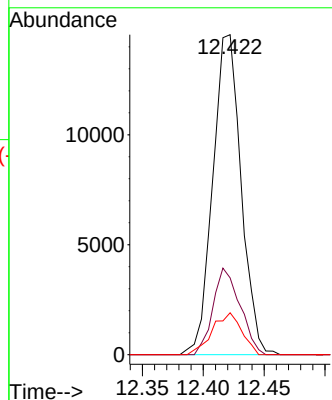
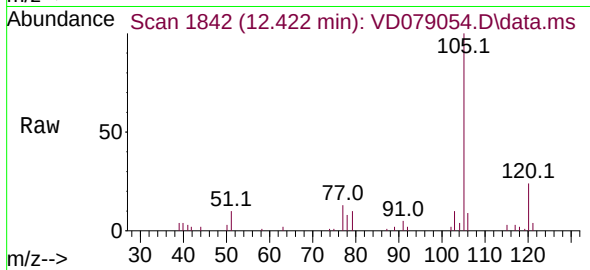
Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:105	Resp:	23545
Ion Ratio	Lower	Upper
105	100	
120	25.8	21.9 32.9
77	13.6	10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 1.984 ug/L

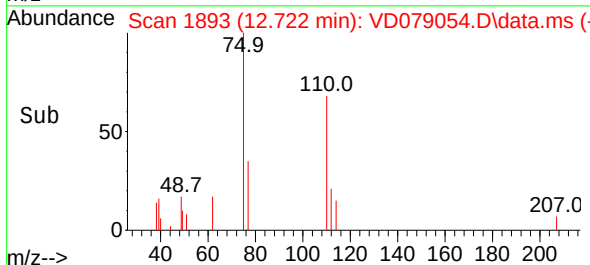
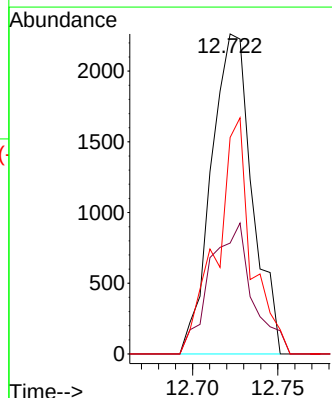
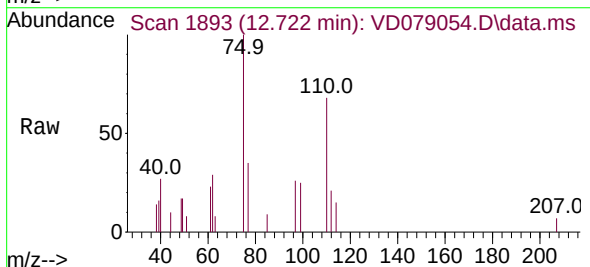
RT: 12.722 min Scan# 1893

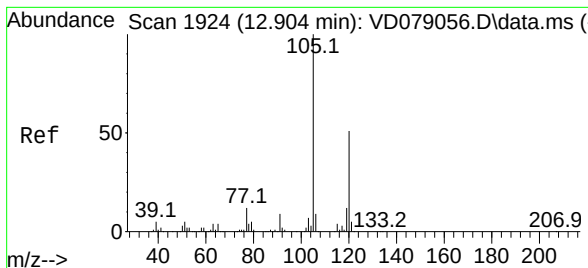
Delta R.T. 0.000 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Tgt Ion: 75	Resp:	3770
Ion Ratio	Lower	Upper
75	100	
77	42.6	25.9 38.9
110	44.5	34.2 51.4

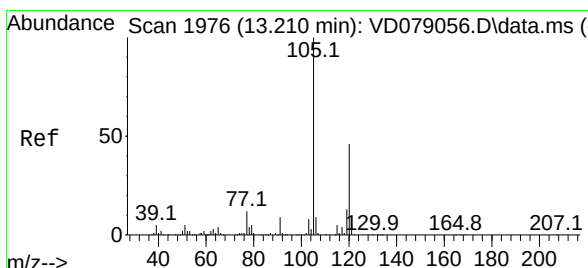
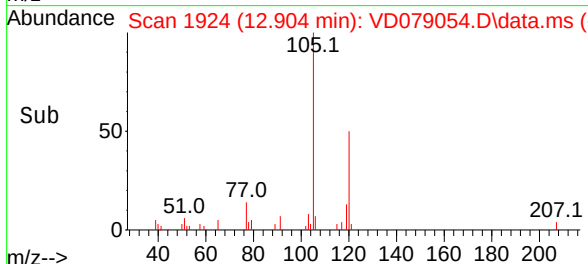
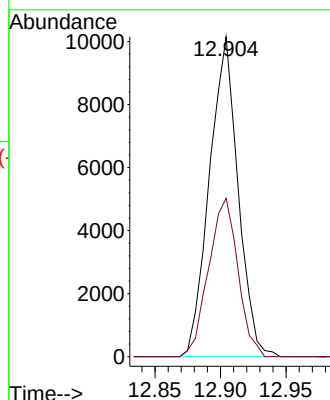
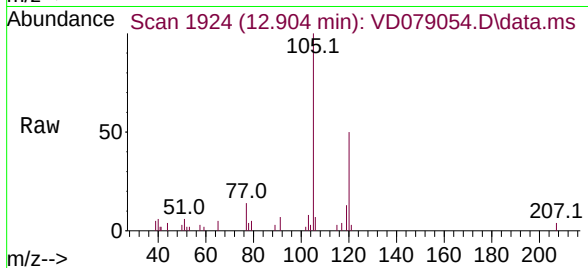




#62
 1,3,5-Trimethylbenzene
 Concen: 1.697 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD079054.D
 Acq: 29 May 2024 09:27

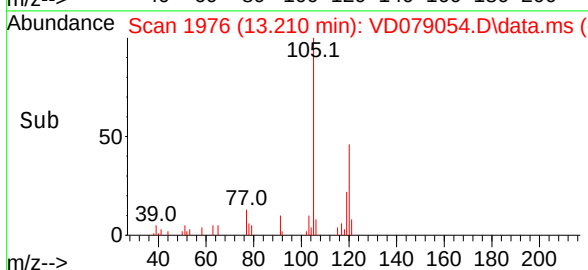
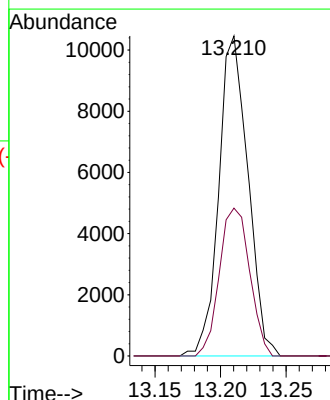
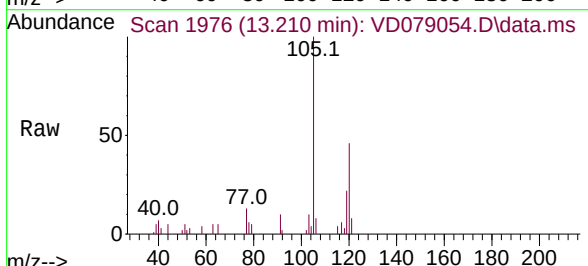
Instrument :
 MSVOA_D
 ClientSampleId :

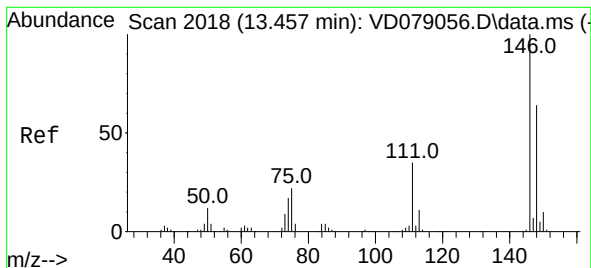
Tgt Ion:105 Resp: 15415
 Ion Ratio Lower Upper
 105 100
 120 50.6 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 1.728 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079054.D
 Acq: 29 May 2024 09:27

Tgt Ion:105 Resp: 16153
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 2.115 ug/L

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

ClientSampleId :

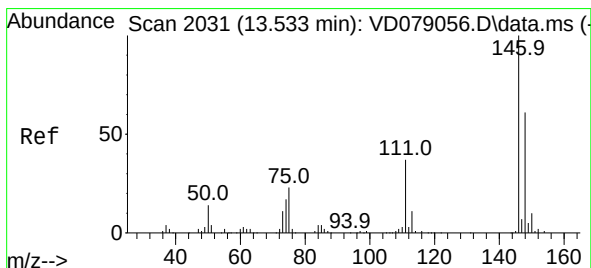
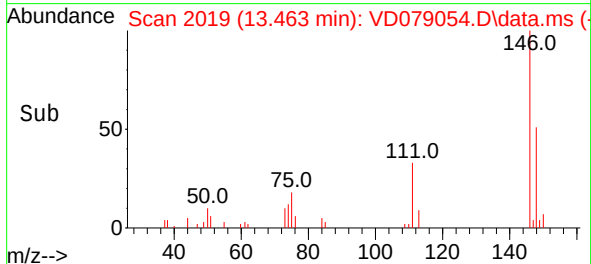
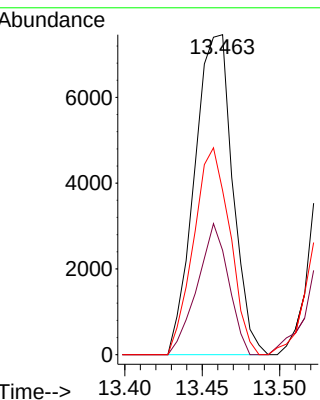
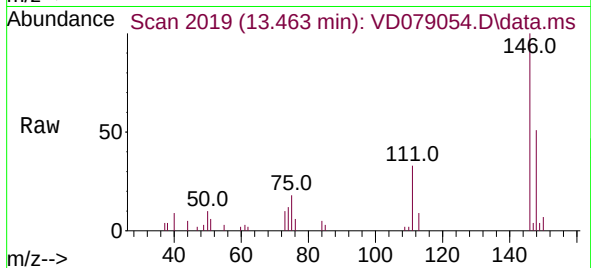
Tgt Ion:146 Resp: 12786

Ion Ratio Lower Upper

146 100

111 32.6 24.4 45.4

148 51.3 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 2.268 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

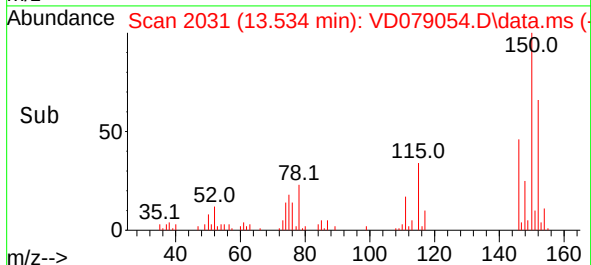
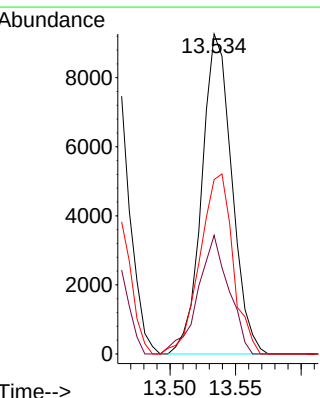
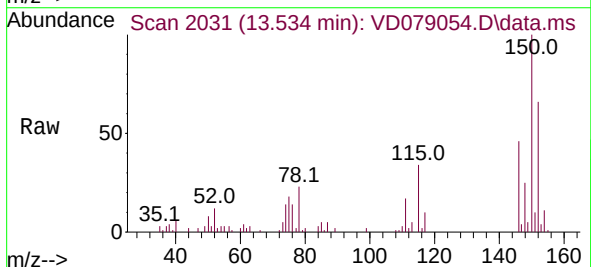
Tgt Ion:146 Resp: 14753

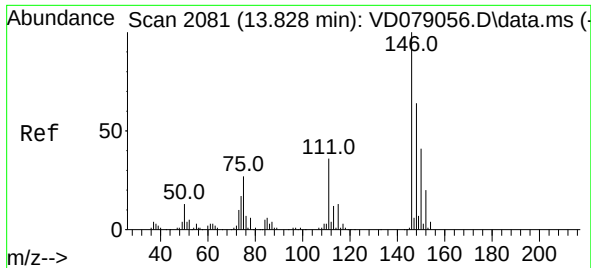
Ion Ratio Lower Upper

146 100

111 37.0 26.3 48.9

148 54.5 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 2.097 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

Instrument :

MSVOA_D

ClientSampleId :

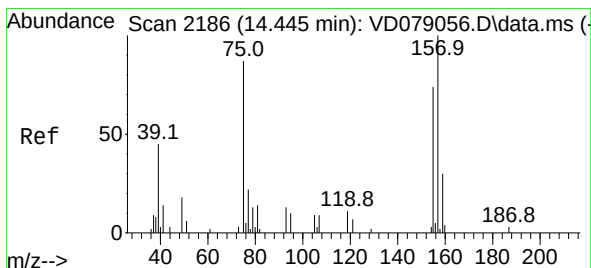
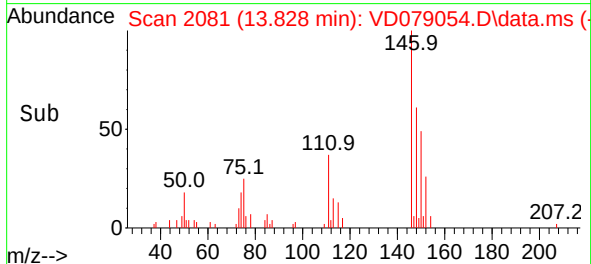
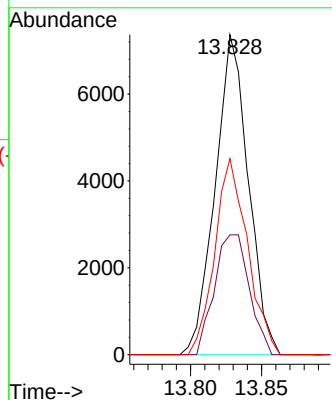
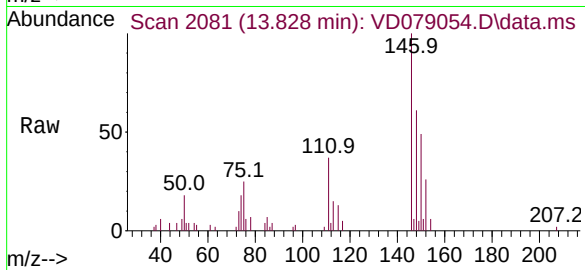
Tgt Ion:146 Resp: 11960

Ion Ratio Lower Upper

146 100

111 37.5 29.1 43.7

148 61.3 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.915 ug/L

RT: 14.587 min Scan# 2210

Delta R.T. 0.141 min

Lab File: VD079054.D

Acq: 29 May 2024 09:27

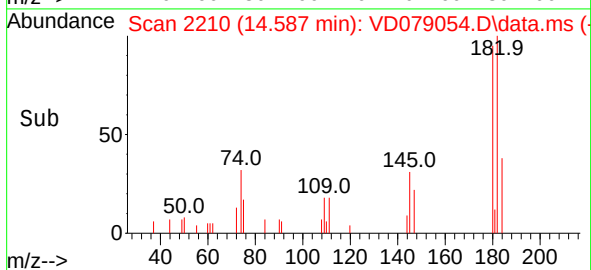
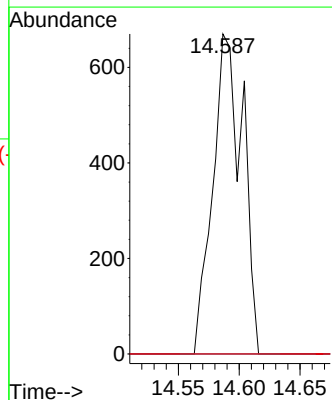
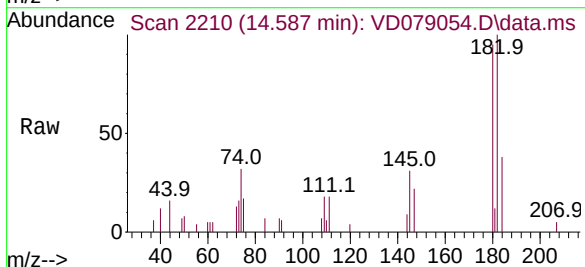
Tgt Ion: 75 Resp: 1144

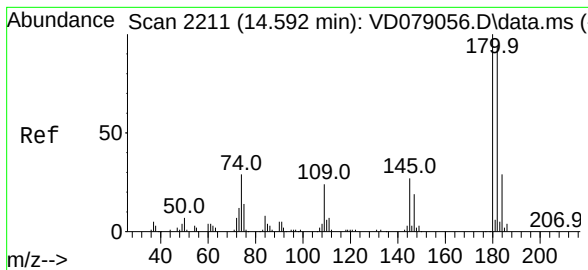
Ion Ratio Lower Upper

75 100

155 0.0 68.1 102.1#

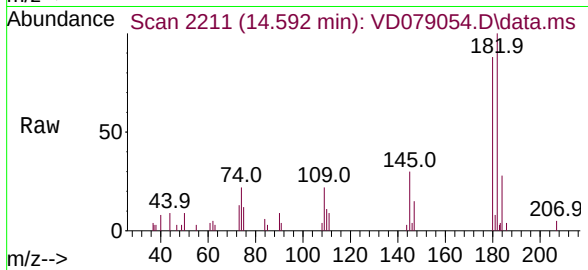
157 0.0 91.6 137.4#



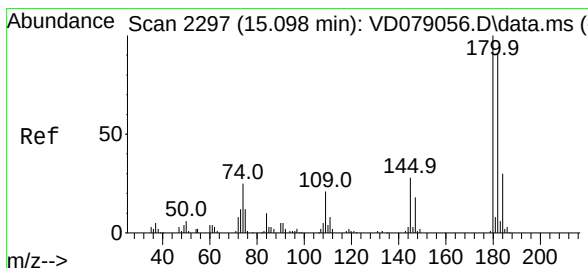
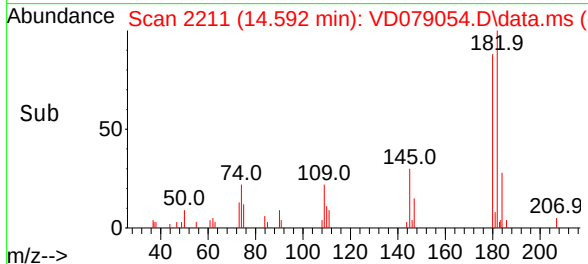
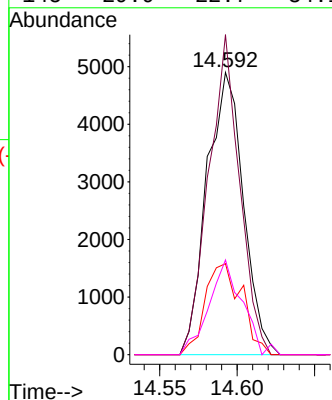


#69
1,3,5-Trichlorobenzene
Concen: 2.044 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

Instrument :
MSVOA_D
ClientSampleId :

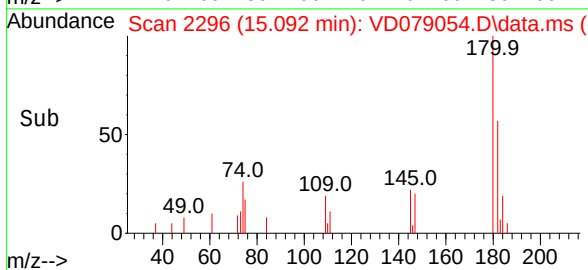
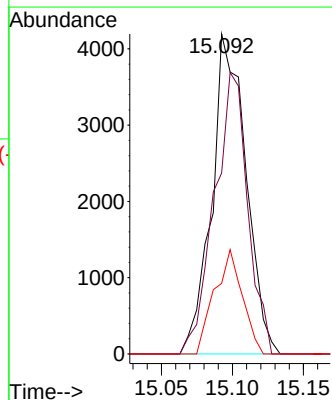
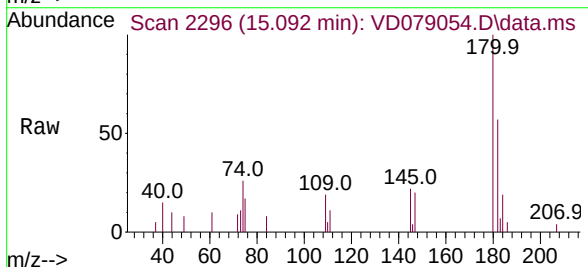


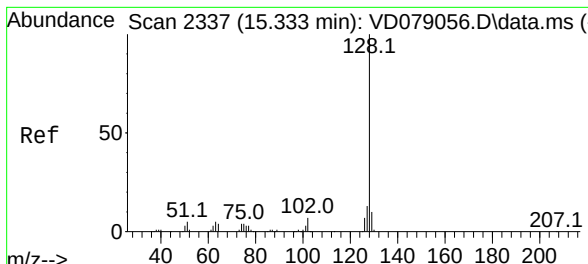
Tgt Ion:180 Resp: 8015
Ion Ratio Lower Upper
180 100
182 96.0 76.9 115.3
184 32.6 23.3 34.9
145 29.9 22.7 34.1



#70
1,2,4-trichlorobenzene
Concen: 2.111 ug/L
RT: 15.092 min Scan# 2296
Delta R.T. -0.006 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

Tgt Ion:180 Resp: 6998
Ion Ratio Lower Upper
180 100
182 86.0 73.8 110.6
145 26.6 22.3 33.5

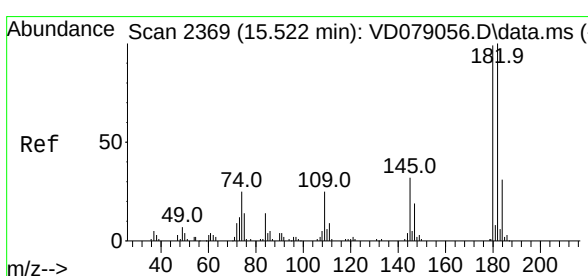
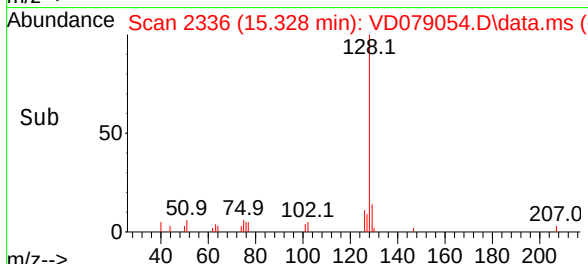
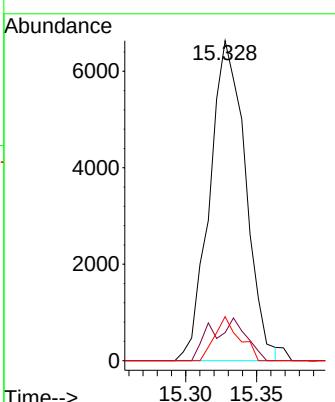
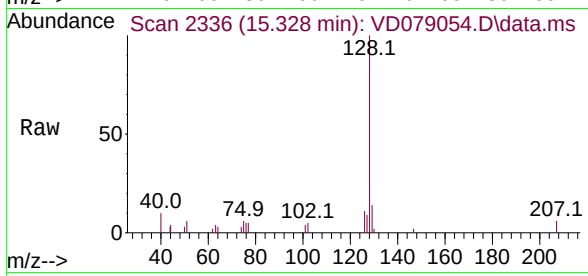




#71
Naphthalene
Concen: 1.747 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	11643
Ion Ratio	Lower	Upper	
128	100		
127	8.2	10.8	16.2#
129	9.5	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 1.703 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079054.D
Acq: 29 May 2024 09:27

Tgt Ion:	180	Resp:	5216
Ion Ratio	Lower	Upper	
180	100		
182	108.0	79.4	119.2
145	31.8	24.7	37.1

