

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079055.D
 Acq On : 29 May 2024 09:54
 Operator : RP/MD
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 30 00:40:31 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	185670	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	181440	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	87498	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	29721	6.077	ug/L	0.00
7) Chloroethane-d5	2.799	69	30347	5.964	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	4632	4.939	ug/L	0.00
21) 2-Butanone-d5	6.981	46	2008	3.237	ug/L	0.00
24) Chloroform-d	7.569	84	27880	4.970	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	12217	4.624	ug/L	0.00
32) Benzene-d6	8.205	84	51536	5.364	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.204	67	15580	5.385	ug/L	0.00
41) Toluene-d8	10.263	98	45878	5.110	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	6667	5.032	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	2138	3.926	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	13390	4.248	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	15593	5.118	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	15996	4.357	ug/L	99
3) Chloromethane	2.146	50	20952	4.577	ug/L	91
5) Vinyl chloride	2.281	62	33995	4.539	ug/L	98
6) Bromomethane	2.687	94	26862	4.893	ug/L	96
8) Chloroethane	2.834	64	25539	4.472	ug/L	93
9) Trichlorofluoromethane	3.175	101	25616	4.267	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	7653	2.098	ug/L #	8
12) 1,1-Dichloroethene	3.940	96	12731	3.977	ug/L	85
13) Acetone	4.016	43	2045	2.630	ug/L	61
14) Carbon disulfide	4.269	76	46098	4.752	ug/L	99
15) Methyl Acetate	4.546	43	654	0.541	ug/L #	1
16) Methylene chloride	4.793	84	17177	3.977	ug/L	91
17) trans-1,2-Dichloroethene	5.311	96	13479	4.126	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	11312	1.686	ug/L #	88
19) 1,1-Dichloroethane	6.111	63	23401	4.367	ug/L	92
20) cis-1,2-Dichloroethene	7.081	96	12885	3.539	ug/L	93
22) 2-Butanone	7.081	43	2954	3.437	ug/L	91
23) Bromochloromethane	7.434	128	7067	3.874	ug/L	93
25) Chloroform	7.599	83	26437	4.121	ug/L	95
27) 1,2-Dichloroethane	8.328	62	14794	3.971	ug/L #	88
29) Cyclohexane	7.875	56	14688	4.139	ug/L	96
30) 1,1,1-Trichloroethane	7.799	97	23398	4.725	ug/L	96
31) Carbon tetrachloride	7.987	117	12344	2.705	ug/L #	35
33) Benzene	8.246	78	51975	4.212	ug/L	100
34) Trichloroethene	9.028	95	13819	4.339	ug/L	93
35) Methylcyclohexane	9.275	83	20839	4.233	ug/L	95
37) 1,2-Dichloropropane	9.299	63	14148	4.573	ug/L #	94
38) Bromodichloromethane	9.581	83	19285	4.446	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	18706	3.859	ug/L	94
40) 4-Methyl-2-pentanone	10.163	43	9915	6.492	ug/L	97
42) Toluene	10.334	91	55664	4.082	ug/L	94
44) trans-1,3-Dichloropropene	10.551	75	15778	3.694	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079055.D
 Acq On : 29 May 2024 09:54
 Operator : RP/MD
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 30 00:40:31 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

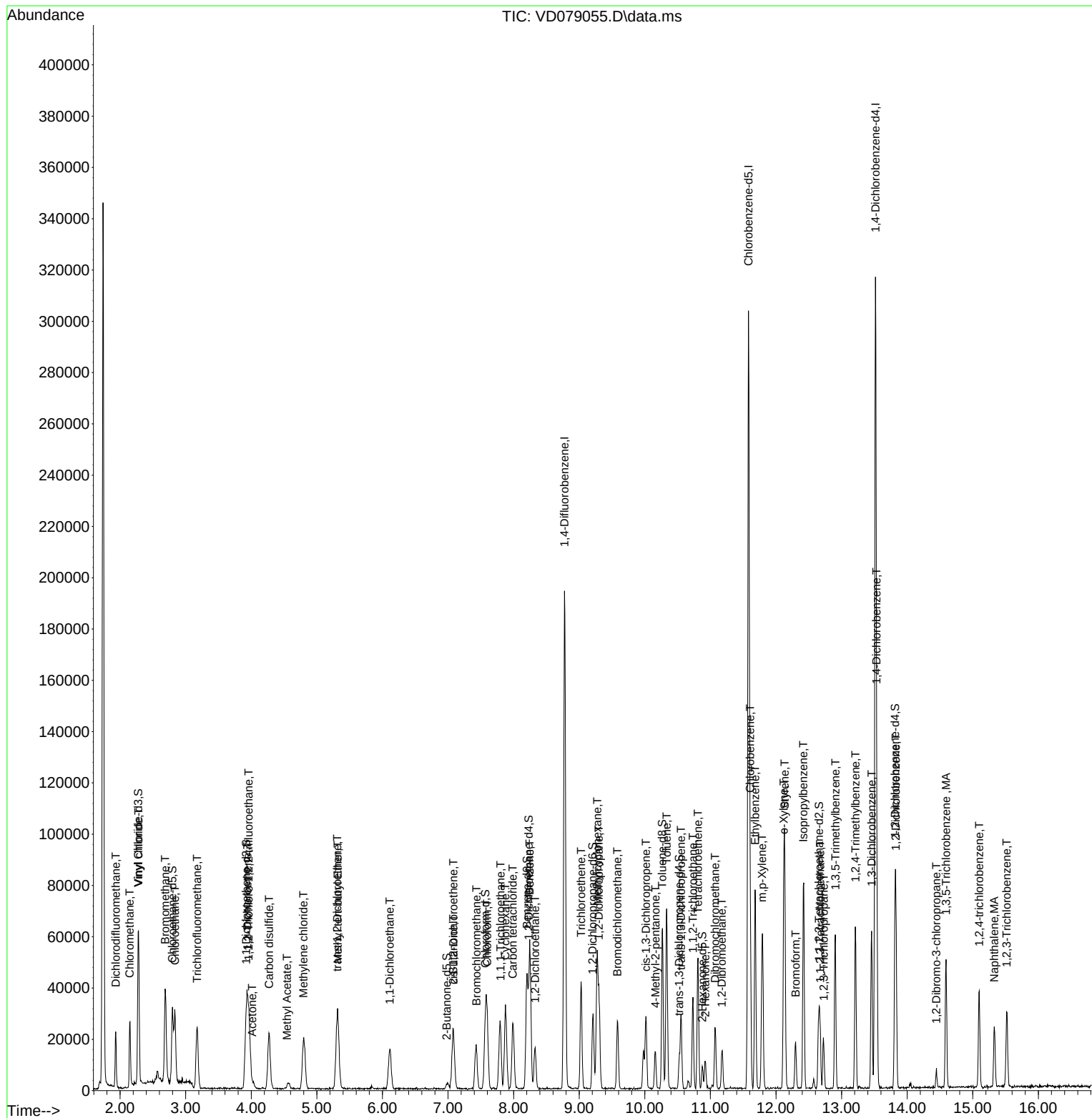
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	12287	4.406	ug/L	92
46) Tetrachloroethene	10.810	164	11826	4.267	ug/L	91
48) 2-Hexanone	10.922	43	6618	5.452	ug/L	95
49) Dibromochloromethane	11.069	129	13326	3.920	ug/L	85
50) 1,2-Dibromoethane	11.175	107	10546	3.963	ug/L #	96
51) Chlorobenzene	11.604	112	38885	4.087	ug/L	96
52) Ethylbenzene	11.681	91	55194	3.786	ug/L	97
53) m,p-Xylene	11.787	106	21142	3.621	ug/L	93
54) o-Xylene	12.116	106	20248	3.551	ug/L	84
55) Styrene	12.134	104	34659	3.482	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	12613	3.748	ug/L	98
59) Bromoform	12.298	173	8298	4.283	ug/L	92
60) Isopropylbenzene	12.416	105	52658	4.079	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	8179	4.164	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.904	105	33136	3.529	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	34458	3.567	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	27195	4.353	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	28928	4.303	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	24783	4.204	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	1706	4.205	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	16826	4.151	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	13776	4.021	ug/L	99
71) Naphthalene	15.328	128	23128	3.358	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	11526	3.641	ug/L	97

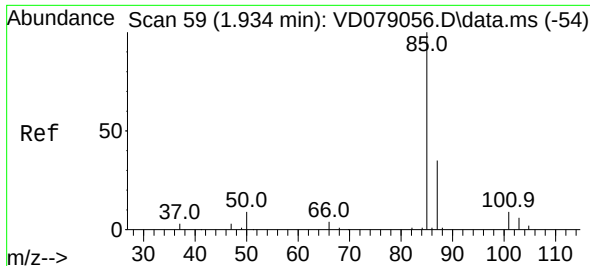
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
Data File : VD079055.D
Acq On : 29 May 2024 09:54
Operator : RP/MD
Sample : VSTD005
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 30 00:40:31 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

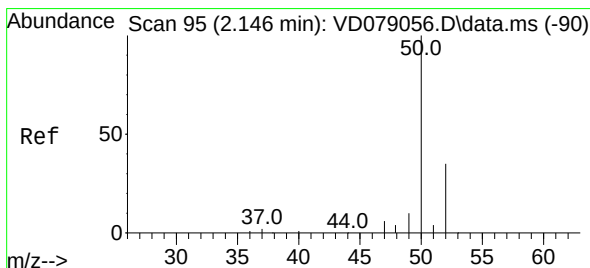
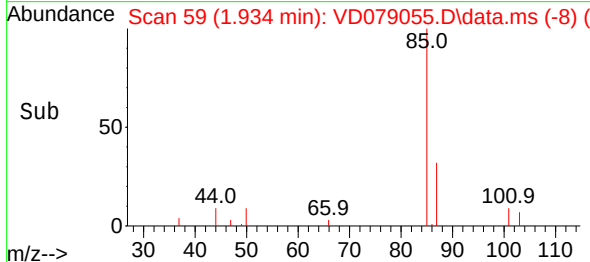
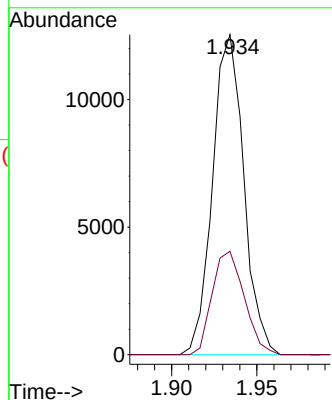
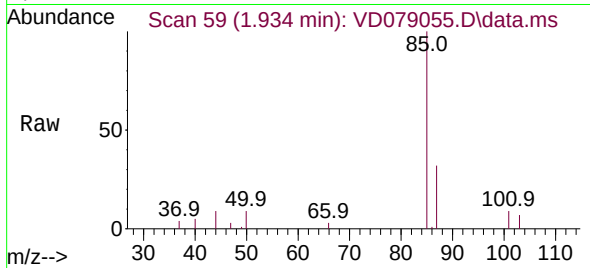




#2
 Dichlorodifluoromethane
 Concen: 4.357 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079055.D
 Acq: 29 May 2024 09:54

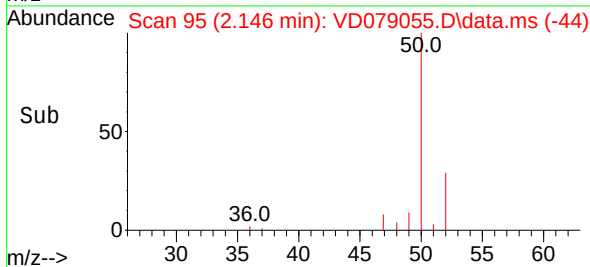
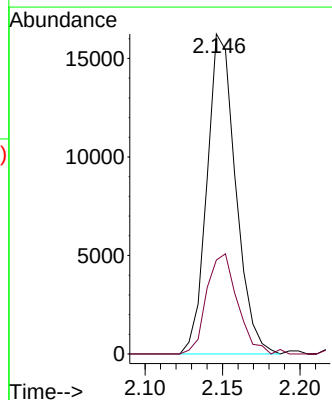
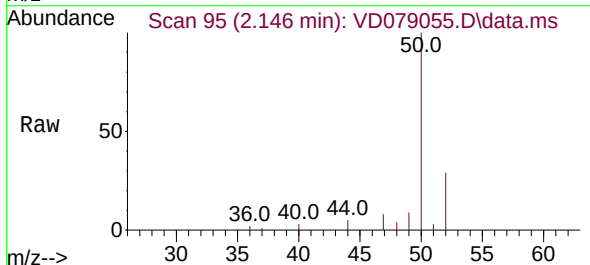
Instrument :
 MSVOA_D
 ClientSampleId :

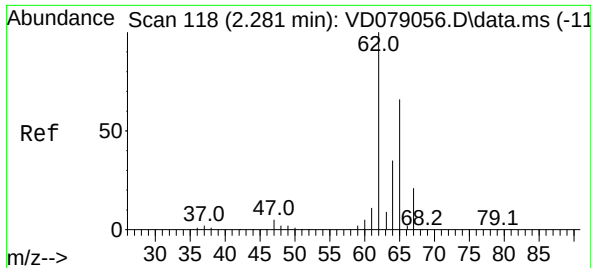
Tgt Ion: 85 Resp: 15996
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.2 39.4



#3
 Chloromethane
 Concen: 4.577 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079055.D
 Acq: 29 May 2024 09:54

Tgt Ion: 50 Resp: 20952
 Ion Ratio Lower Upper
 50 100
 52 29.3 24.4 45.2

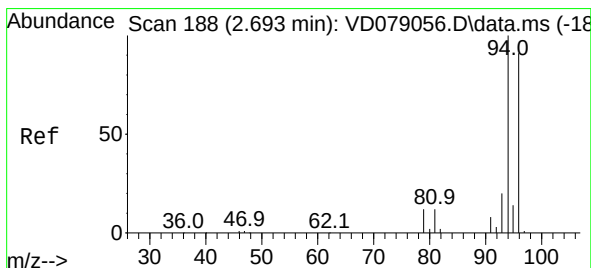
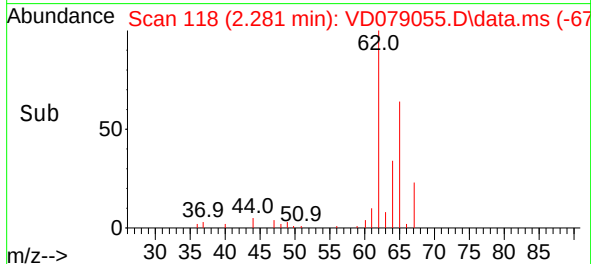
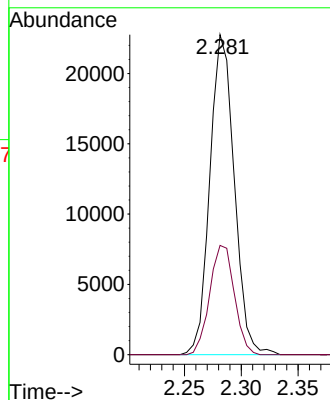
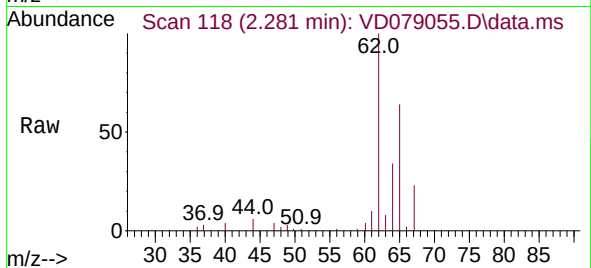




#5
 Vinyl chloride
 Concen: 4.539 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079055.D
 Acq: 29 May 2024 09:54

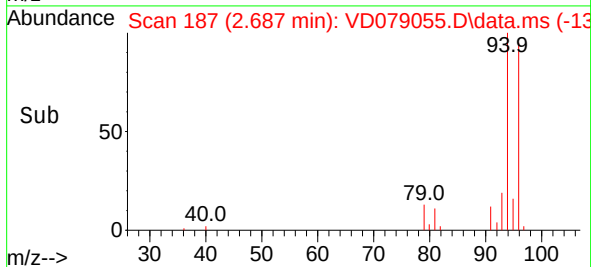
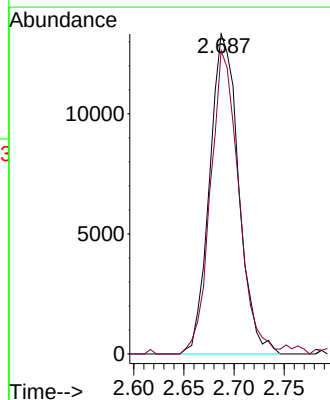
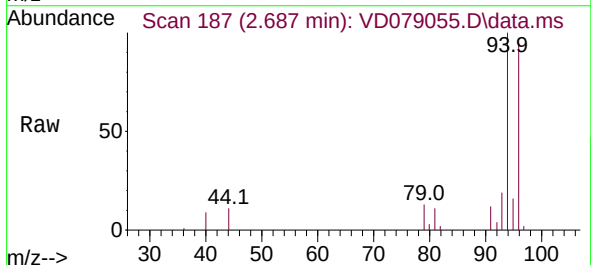
Instrument :
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 ClientSampleId :

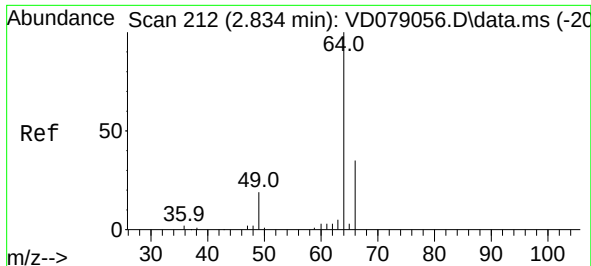
Tgt Ion: 62 Resp: 33995
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.8 46.1



#6
 Bromomethane
 Concen: 4.893 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD079055.D
 Acq: 29 May 2024 09:54

Tgt Ion: 94 Resp: 26862
 Ion Ratio Lower Upper
 94 100
 96 94.8 63.6 118.2

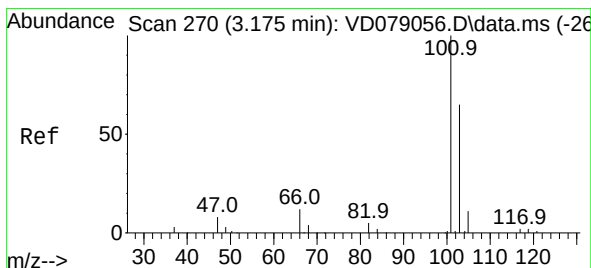
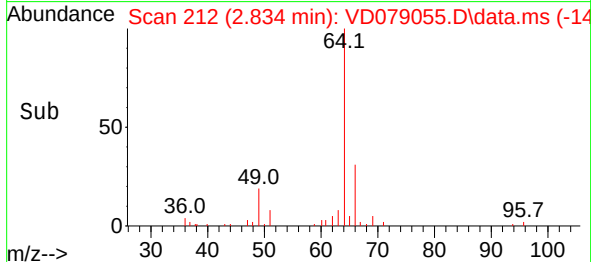
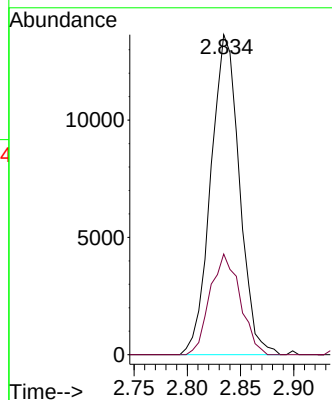
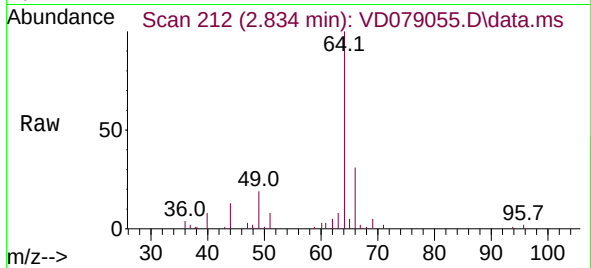




#8
Chloroethane
Concen: 4.472 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

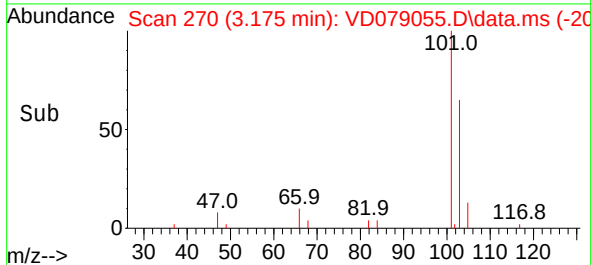
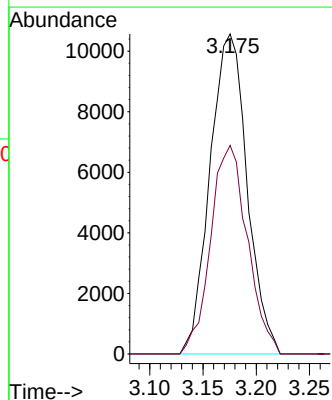
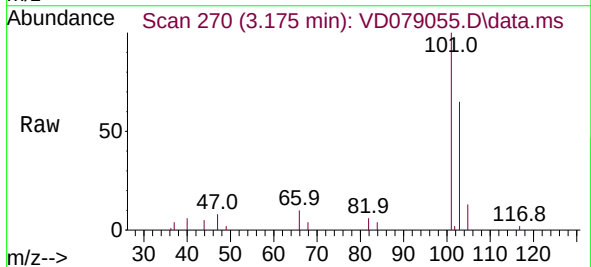
Instrument :
MSVOA_D
ClientSampleId :

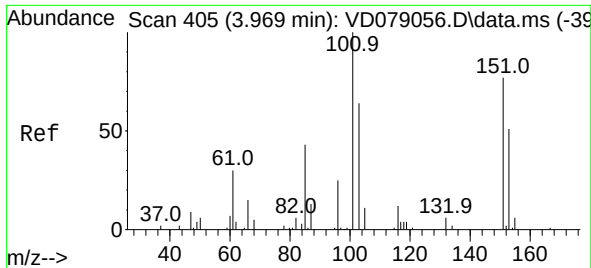
Tgt Ion: 64 Resp: 25539
Ion Ratio Lower Upper
64 100
66 31.4 24.8 46.1



#9
Trichlorofluoromethane
Concen: 4.267 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

Tgt Ion:101 Resp: 25616
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.098 ug/L

RT: 3.958 min Scan# 405

Delta R.T. -0.012 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

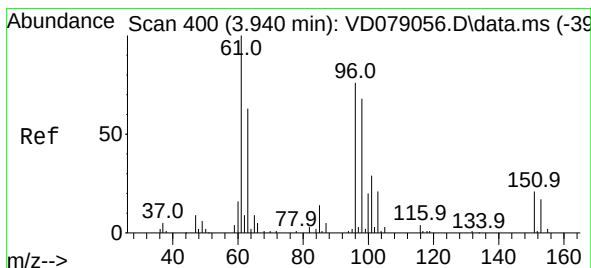
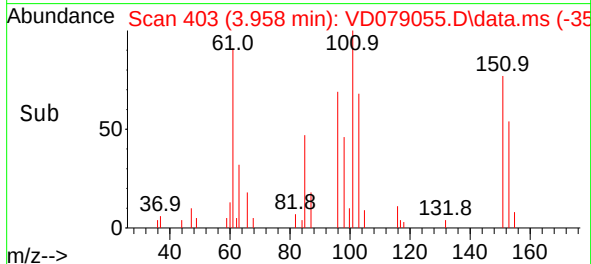
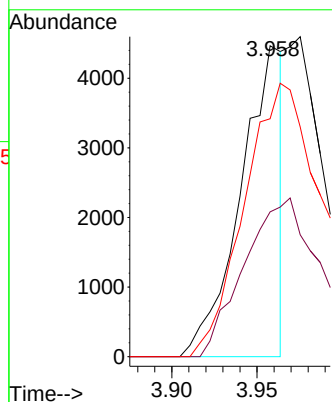
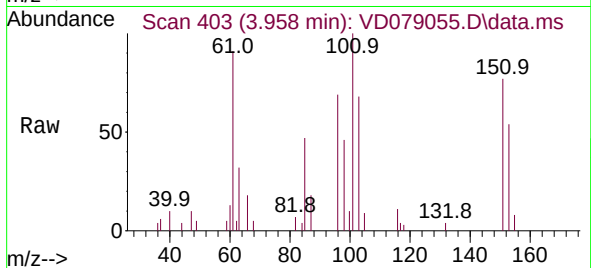
Tgt Ion:101 Resp: 7653

Ion Ratio Lower Upper

101 100

85 91.2 35.4 53.0#

151 161.6 59.1 88.7#



#12

1,1-Dichloroethene

Concen: 3.977 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

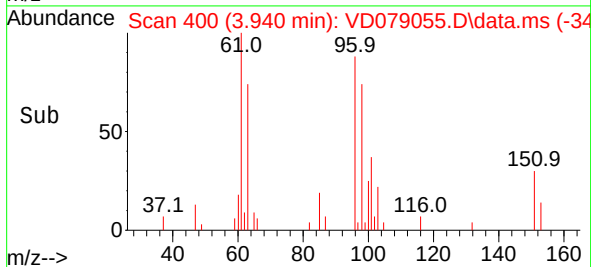
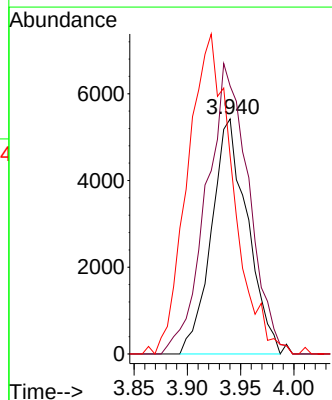
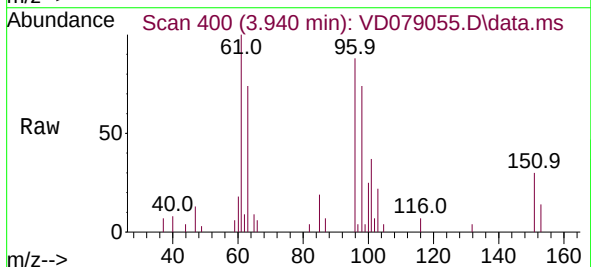
Tgt Ion: 96 Resp: 12731

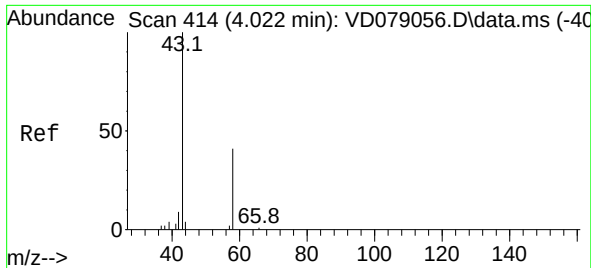
Ion Ratio Lower Upper

96 100

61 114.0 93.9 174.3

63 84.3 67.7 125.7





#13

Acetone

Concen: 2.630 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

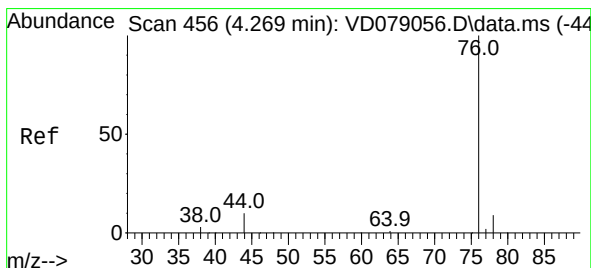
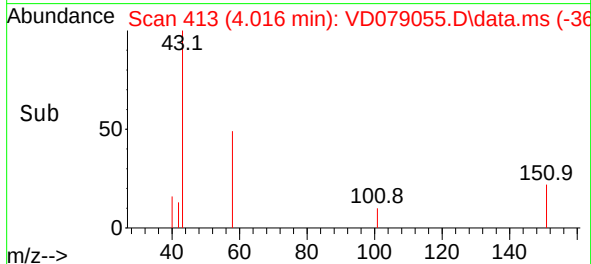
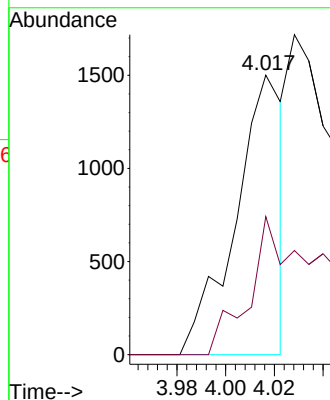
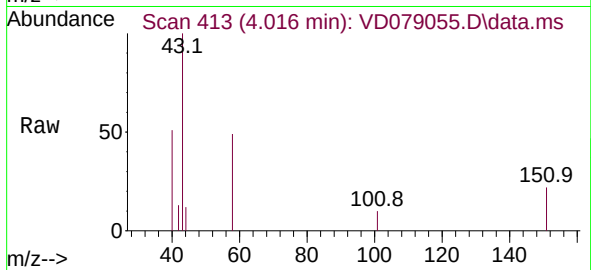
ClientSampleId :

Tgt Ion: 43 Resp: 2045

Ion Ratio Lower Upper

43 100

58 15.5 0.0 78.2



#14

Carbon disulfide

Concen: 4.752 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079055.D

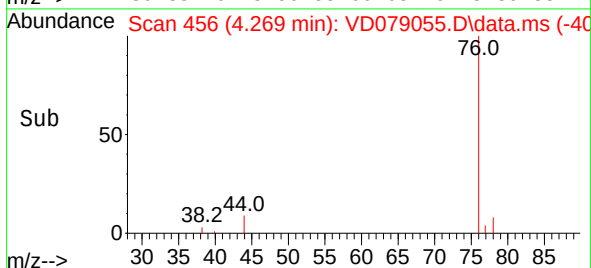
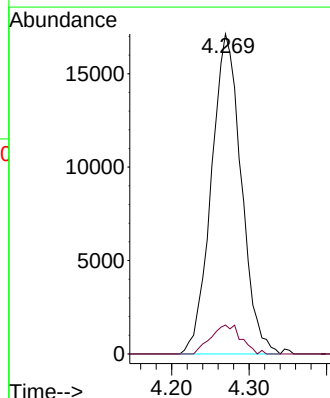
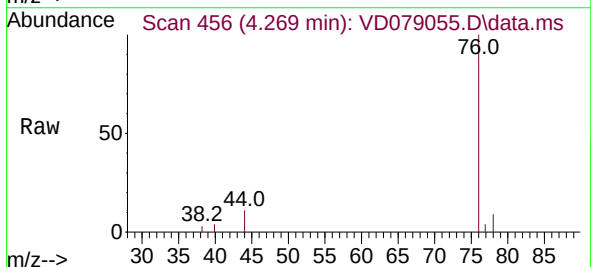
Acq: 29 May 2024 09:54

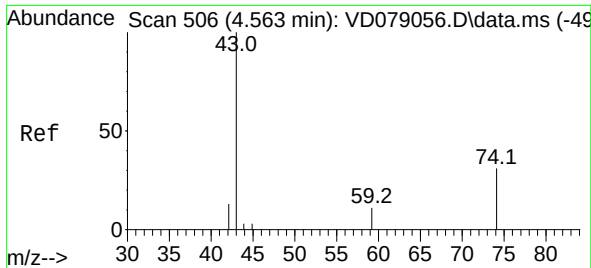
Tgt Ion: 76 Resp: 46098

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 0.541 ug/L

RT: 4.546 min Scan# 506

Delta R.T. -0.017 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

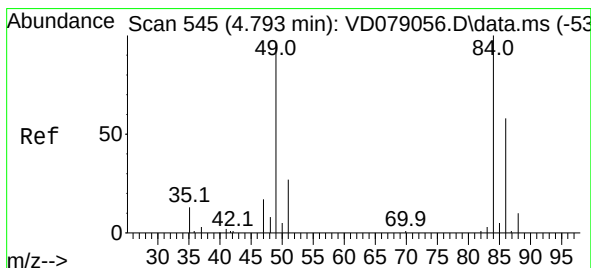
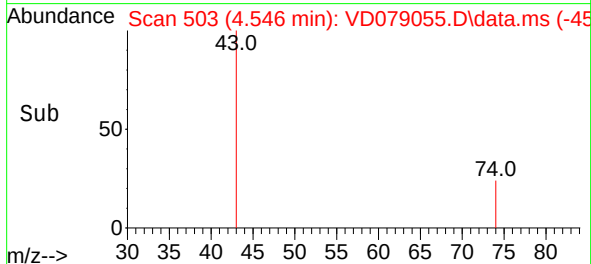
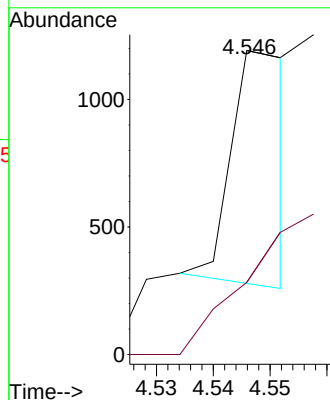
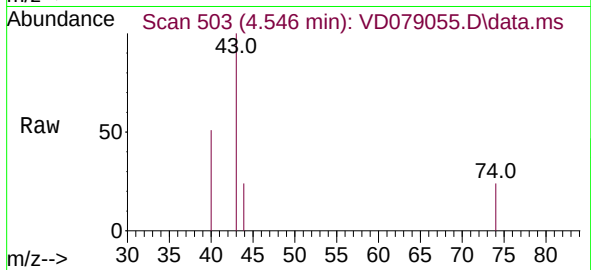
ClientSampleId :

Tgt Ion: 43 Resp: 654

Ion Ratio Lower Upper

43 100

74 98.8 23.8 35.6#



#16

Methylene chloride

Concen: 3.977 ug/L

RT: 4.793 min Scan# 545

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

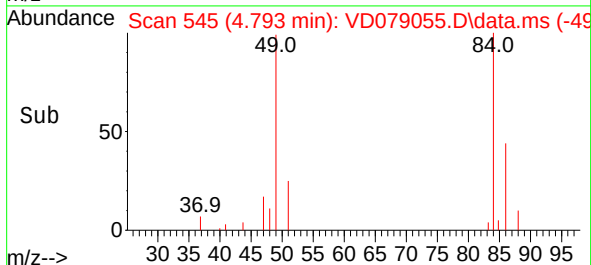
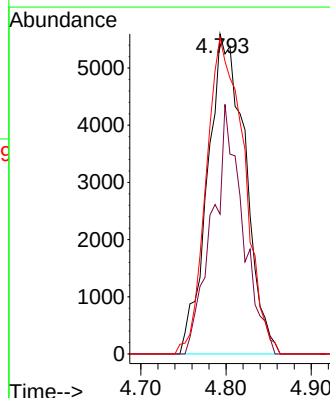
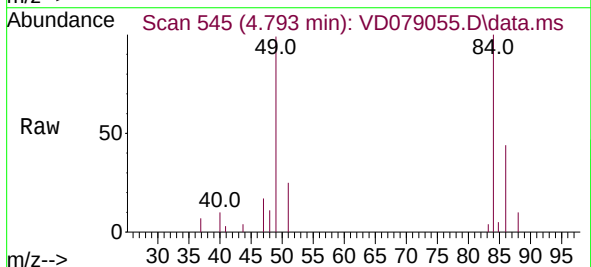
Tgt Ion: 84 Resp: 17177

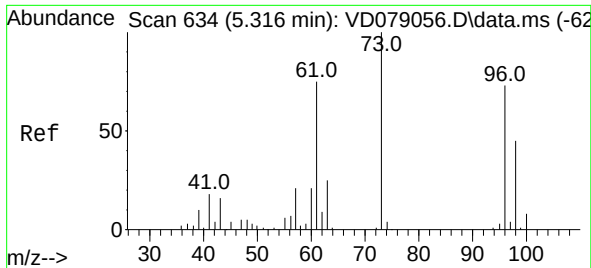
Ion Ratio Lower Upper

84 100

86 43.7 40.9 76.0

49 98.9 67.5 125.3





#17

trans-1,2-Dichloroethene

Concen: 4.126 ug/L

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

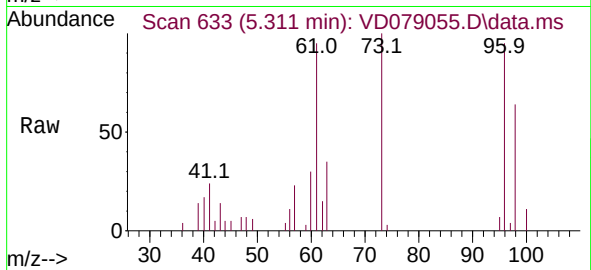
Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :



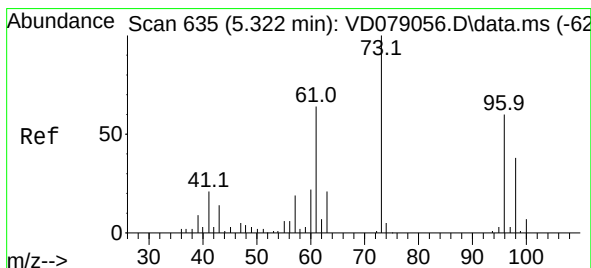
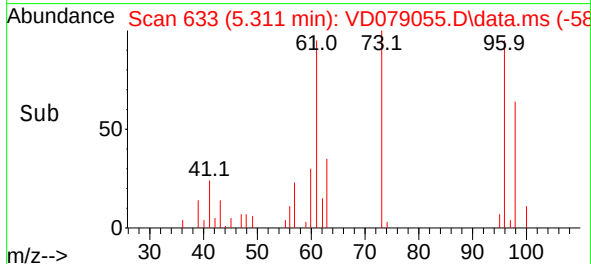
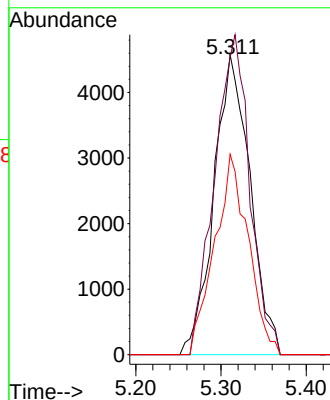
Tgt Ion: 96 Resp: 13479

Ion Ratio Lower Upper

96 100

61 99.1 71.9 133.5

98 66.8 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 1.686 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

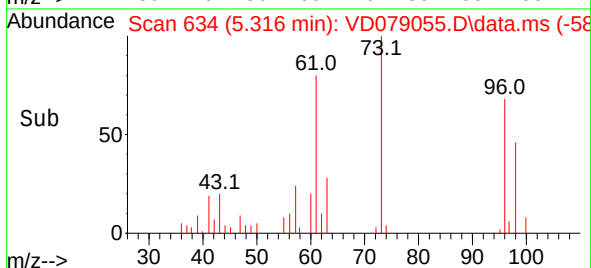
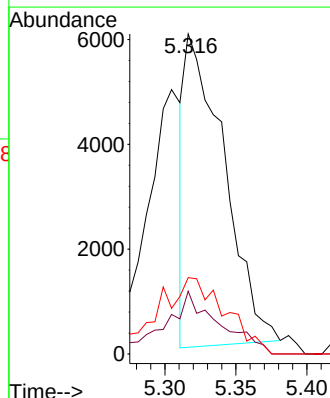
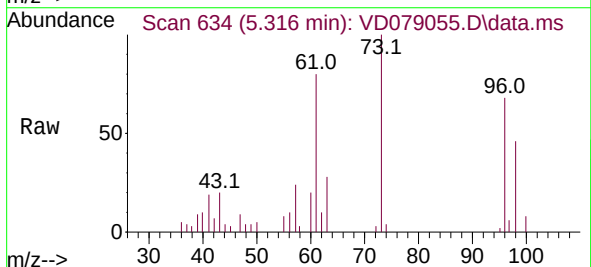
Tgt Ion: 73 Resp: 11312

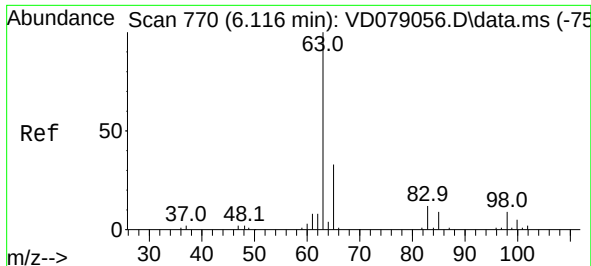
Ion Ratio Lower Upper

73 100

43 18.0 12.0 18.0

57 18.8 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 4.367 ug/L

RT: 6.111 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

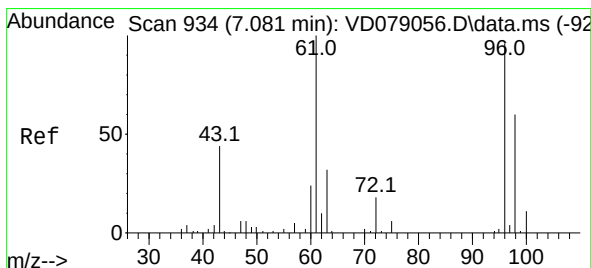
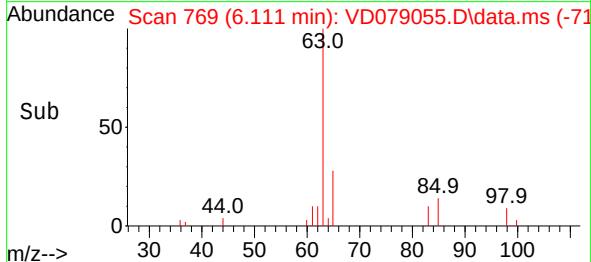
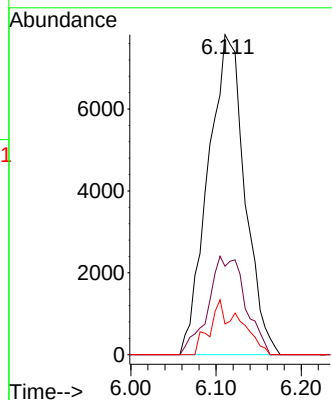
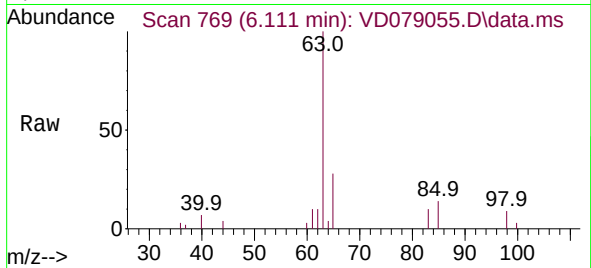
Tgt Ion: 63 Resp: 23401

Ion Ratio Lower Upper

63 100

65 27.7 22.8 42.4

83 9.6 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 3.539 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

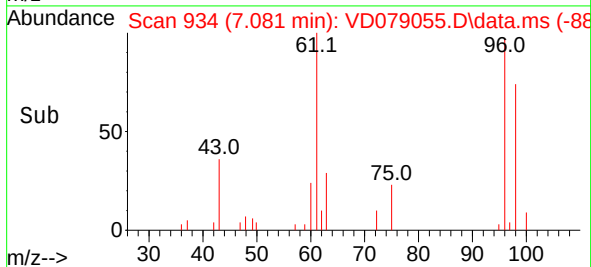
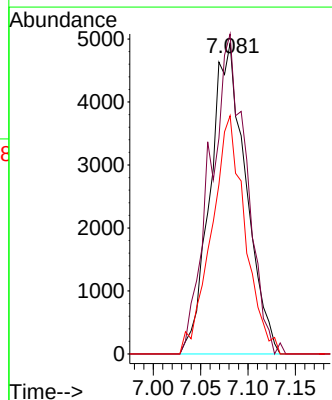
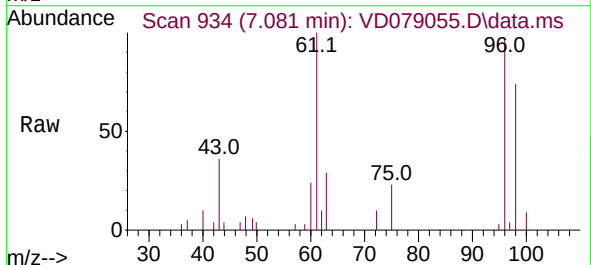
Tgt Ion: 96 Resp: 12885

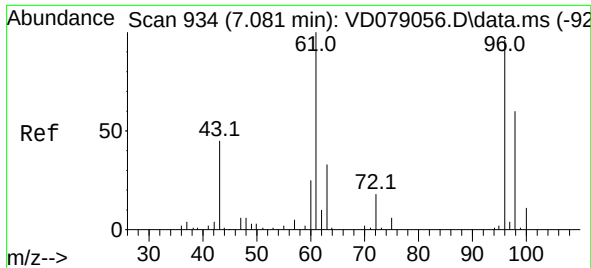
Ion Ratio Lower Upper

96 100

61 103.0 72.6 134.8

98 76.7 43.8 81.3

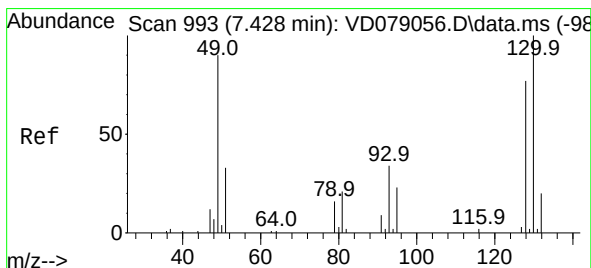
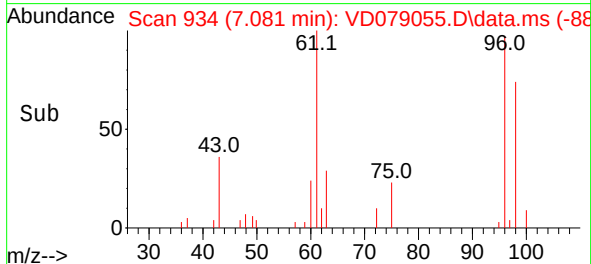
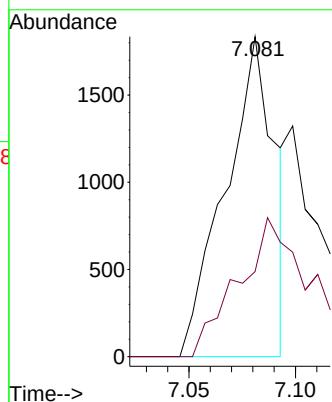
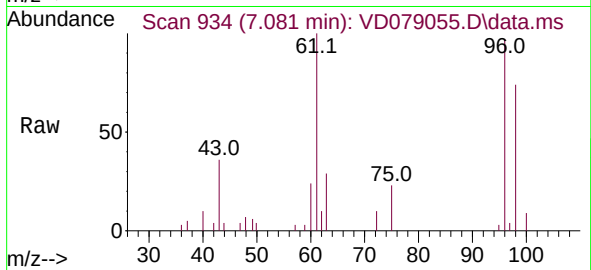




#22
2-Butanone
Concen: 3.437 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

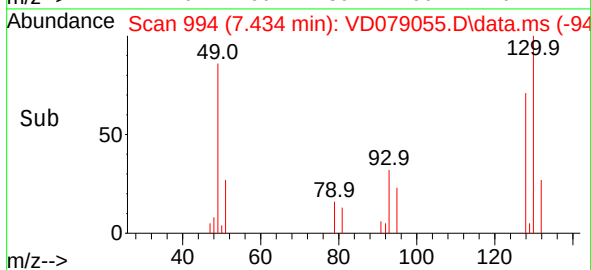
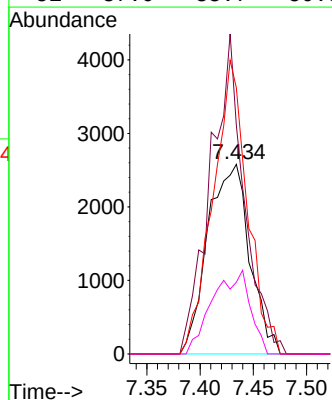
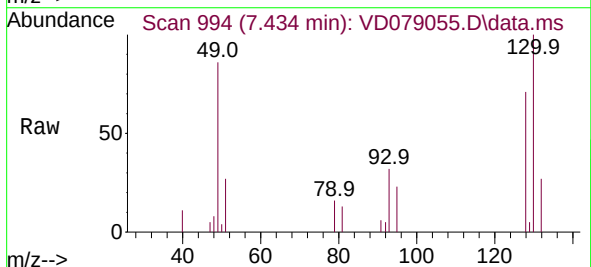
Instrument :
MSVOA_D
ClientSampleId :

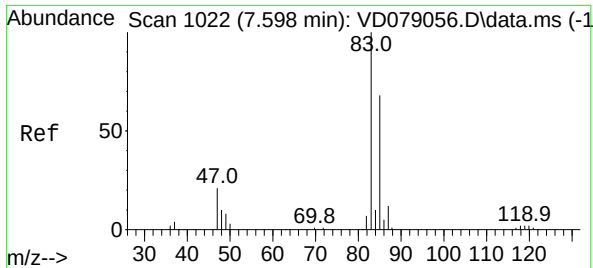
Tgt Ion: 43 Resp: 2954
Ion Ratio Lower Upper
43 100
72 43.8 19.3 57.8



#23
Bromochloromethane
Concen: 3.874 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

Tgt Ion: 128 Resp: 7067
Ion Ratio Lower Upper
128 100
49 120.5 81.8 151.8
130 140.4 90.4 167.8
51 37.9 33.7 50.5





#25

Chloroform

Concen: 4.121 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

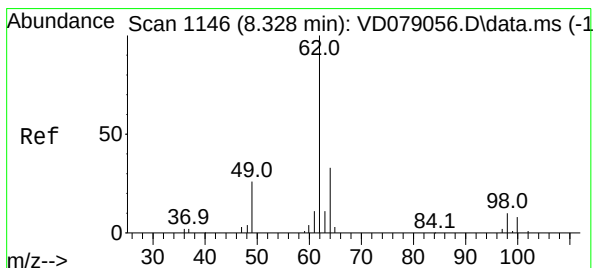
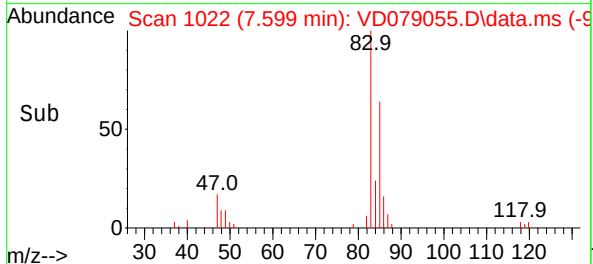
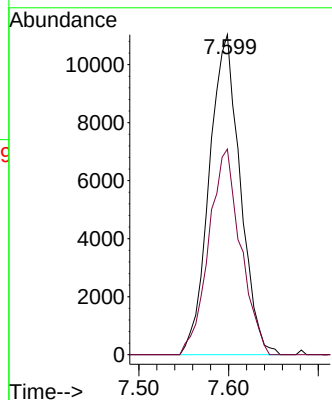
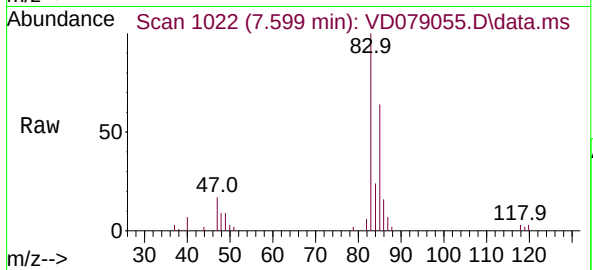
ClientSampleId :

Tgt Ion: 83 Resp: 26437

Ion Ratio Lower Upper

83 100

85 64.2 47.9 89.1



#27

1,2-Dichloroethane

Concen: 3.971 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD079055.D

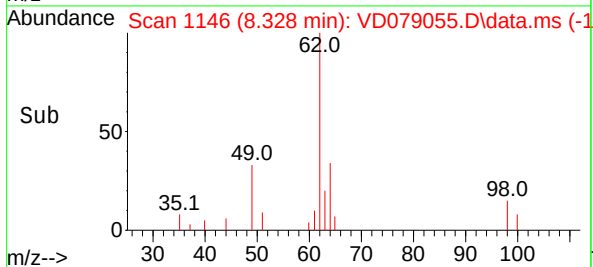
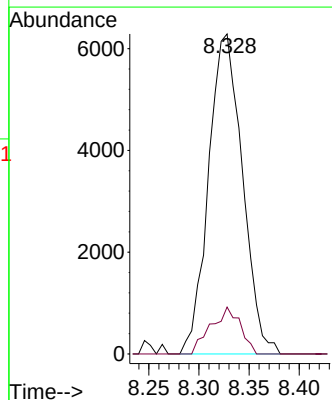
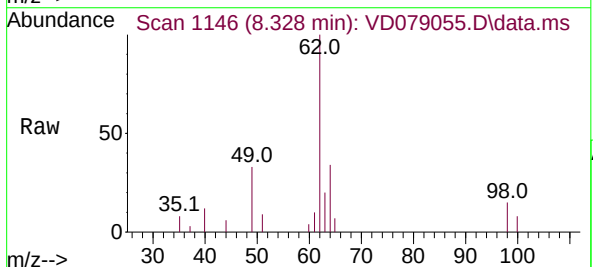
Acq: 29 May 2024 09:54

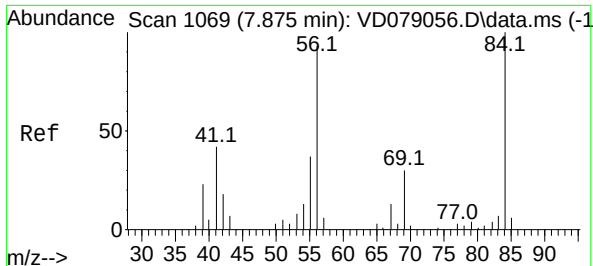
Tgt Ion: 62 Resp: 14794

Ion Ratio Lower Upper

62 100

98 14.6 8.2 12.4#





#29

Cyclohexane

Concen: 4.139 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

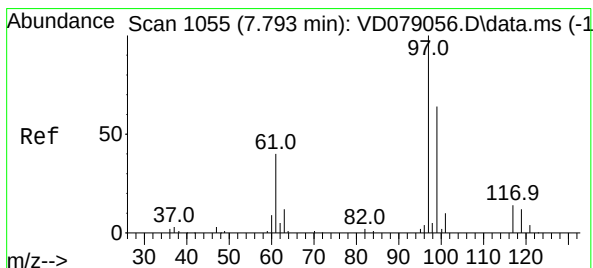
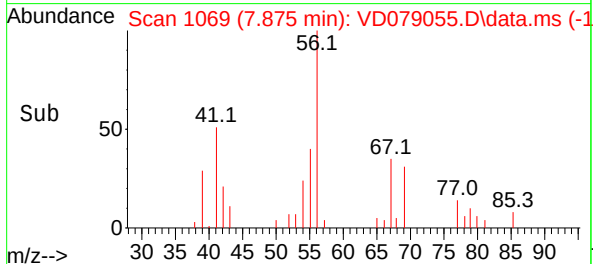
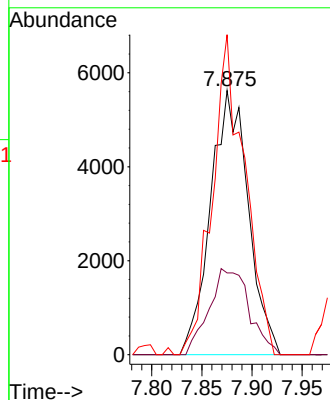
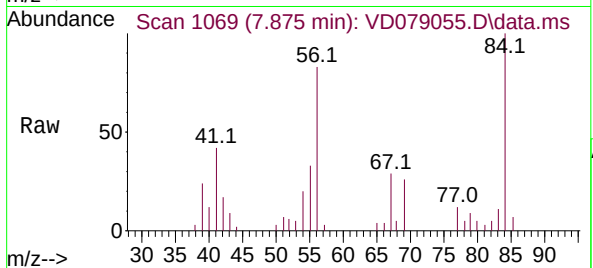
Tgt Ion: 56 Resp: 14688

Ion Ratio Lower Upper

56 100

69 34.6 26.6 40.0

84 104.3 87.5 131.3



#30

1,1,1-Trichloroethane

Concen: 4.725 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

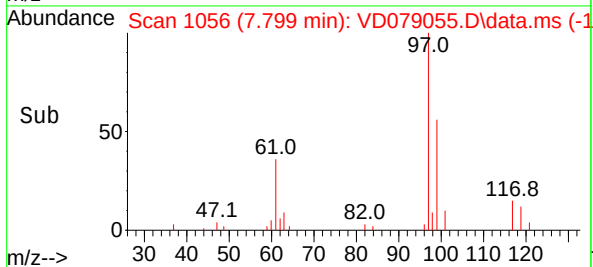
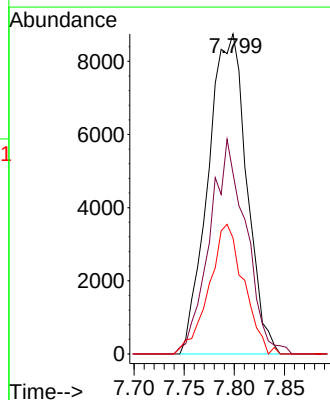
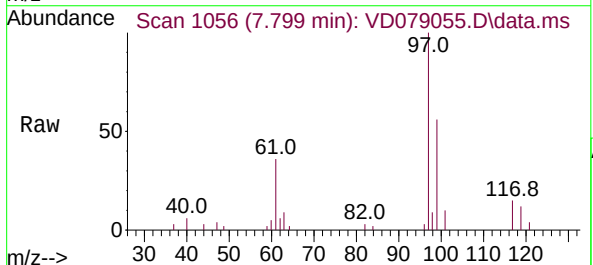
Tgt Ion: 97 Resp: 23398

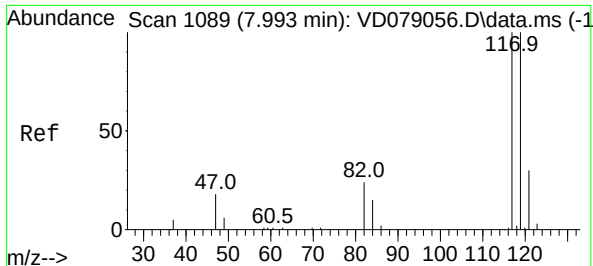
Ion Ratio Lower Upper

97 100

99 63.3 52.3 78.5

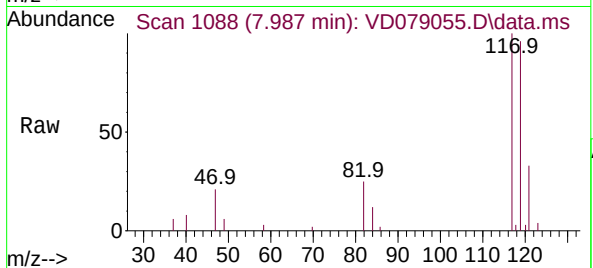
61 36.3 31.7 47.5



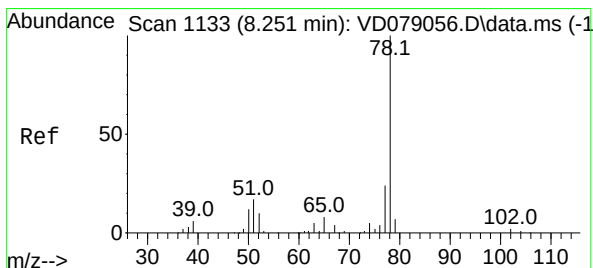
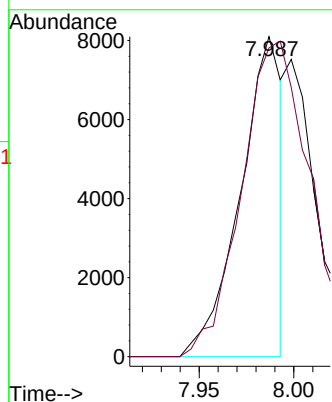
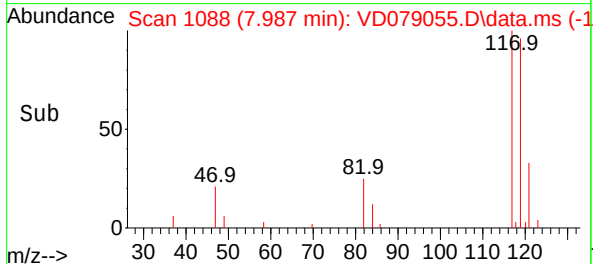


#31
Carbon tetrachloride
Concen: 2.705 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

Instrument :
MSVOA_D
ClientSampleId :

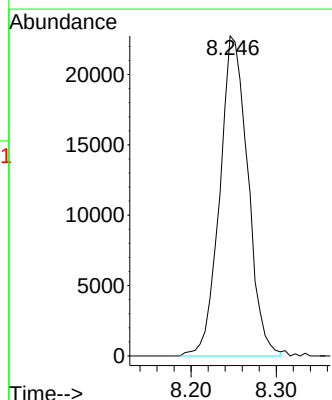
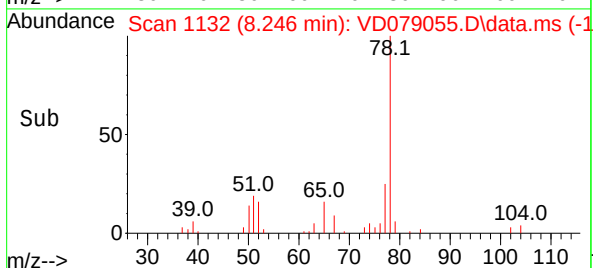
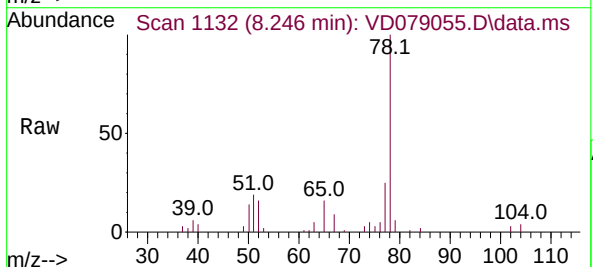


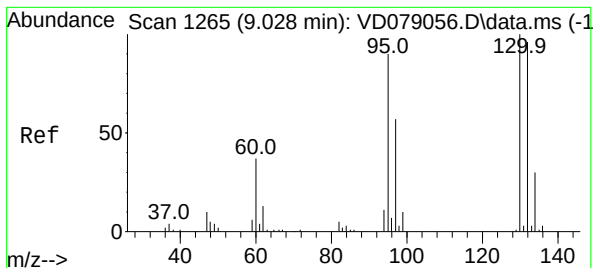
Tgt Ion:117 Resp: 12344
Ion Ratio Lower Upper
117 100
119 164.2 79.6 119.4#



#33
Benzene
Concen: 4.212 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

Tgt Ion: 78 Resp: 51975





#34

Trichloroethene

Concen: 4.339 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 13819

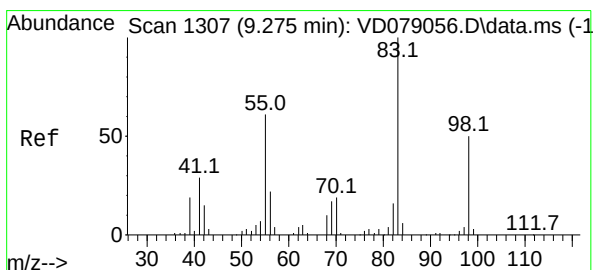
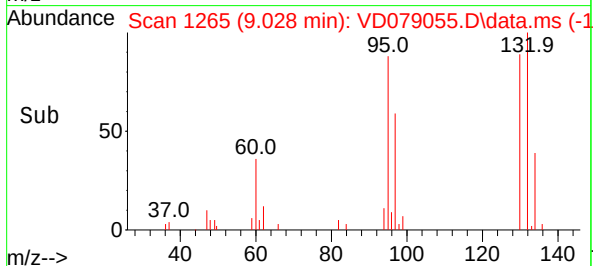
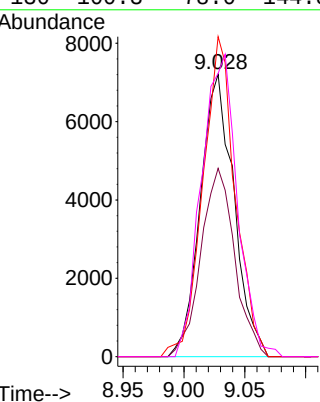
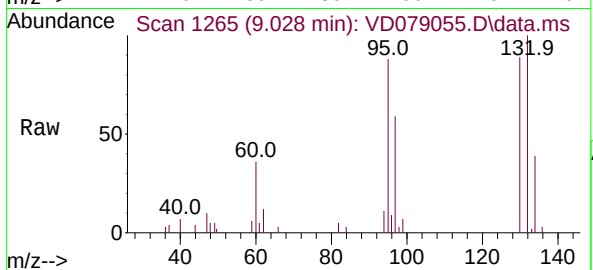
Ion Ratio Lower Upper

95 100

97 66.7 44.6 82.8

132 113.3 74.9 139.1

130 100.3 78.0 144.8



#35

Methylcyclohexane

Concen: 4.233 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

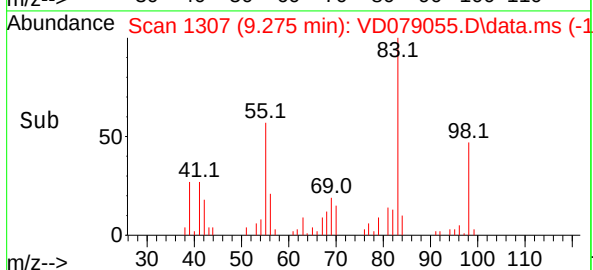
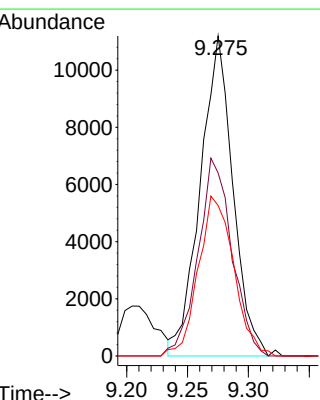
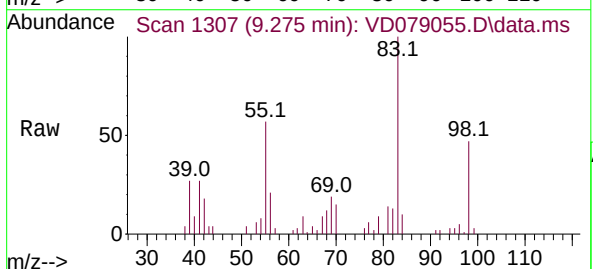
Tgt Ion: 83 Resp: 20839

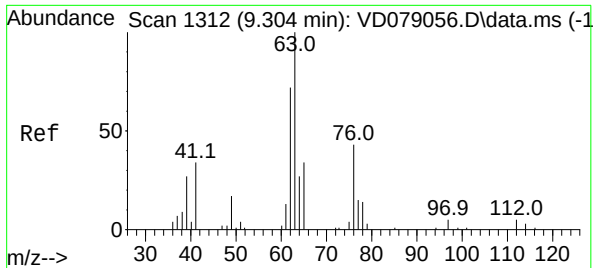
Ion Ratio Lower Upper

83 100

55 64.3 48.6 72.8

98 54.2 40.2 60.2

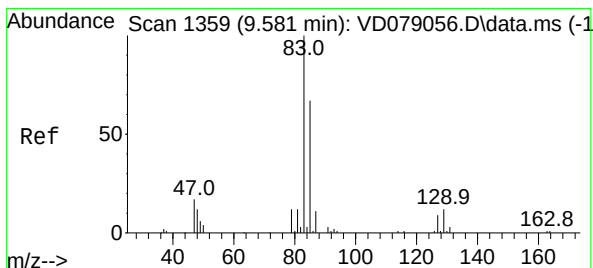
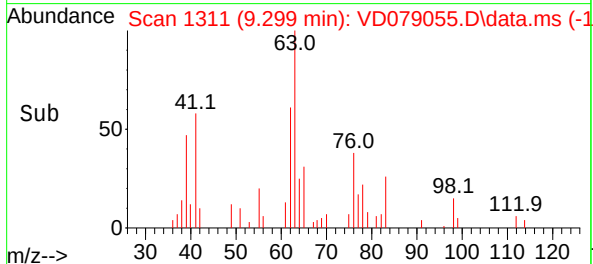
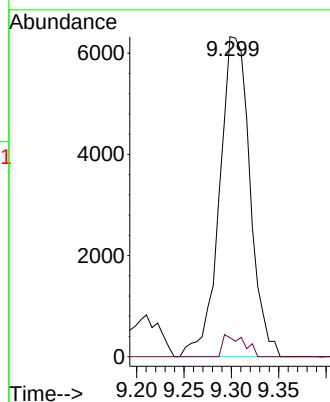
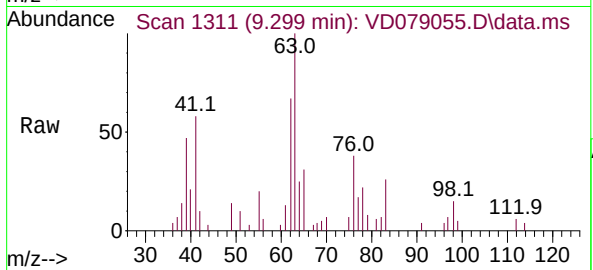




#37
1,2-Dichloropropane
Concen: 4.573 ug/L
RT: 9.299 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

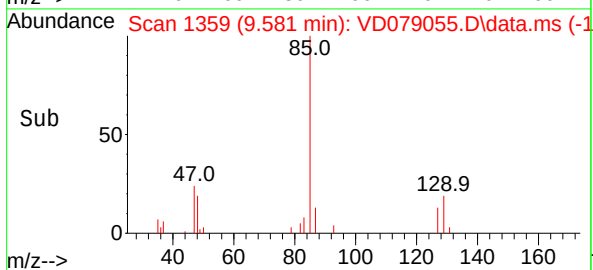
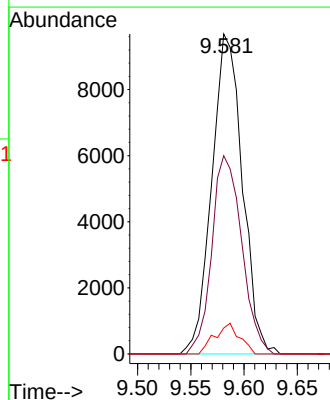
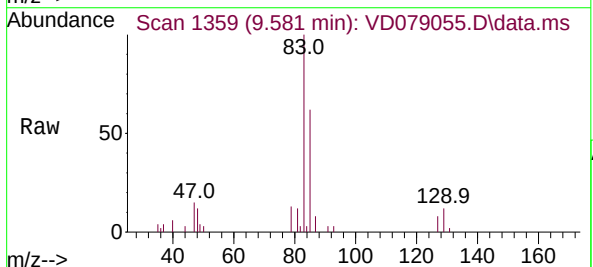
Instrument :
MSVOA_D
ClientSampleId :

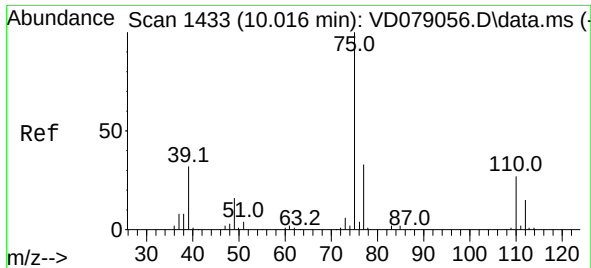
Tgt Ion: 63 Resp: 14148
Ion Ratio Lower Upper
63 100
112 2.8 3.9 5.9#



#38
Bromodichloromethane
Concen: 4.446 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

Tgt Ion: 83 Resp: 19285
Ion Ratio Lower Upper
83 100
85 62.0 46.5 86.5
127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 3.859 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

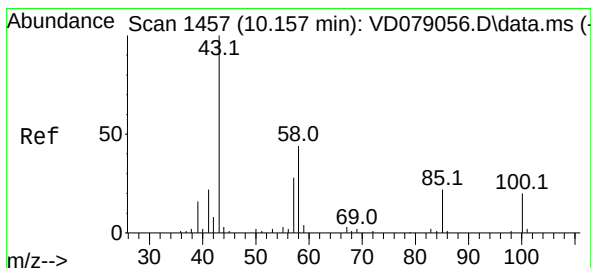
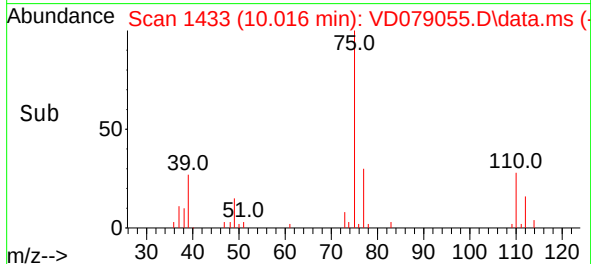
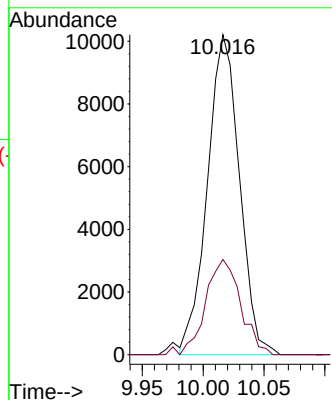
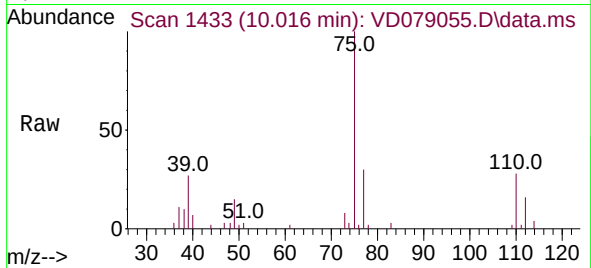
ClientSampleId :

Tgt Ion: 75 Resp: 18706

Ion Ratio Lower Upper

75 100

77 29.7 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 6.492 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

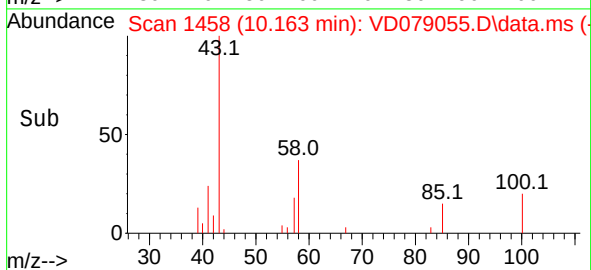
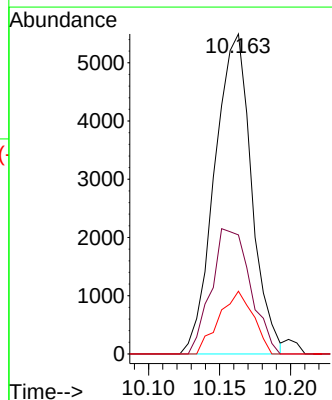
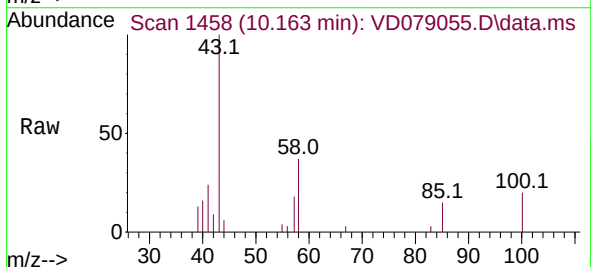
Tgt Ion: 43 Resp: 9915

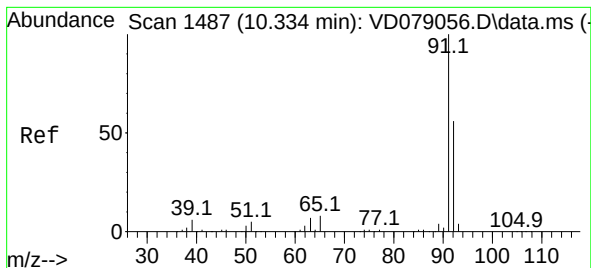
Ion Ratio Lower Upper

43 100

58 41.4 34.0 51.0

100 18.2 16.9 25.3





#42

Toluene

Concen: 4.082 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

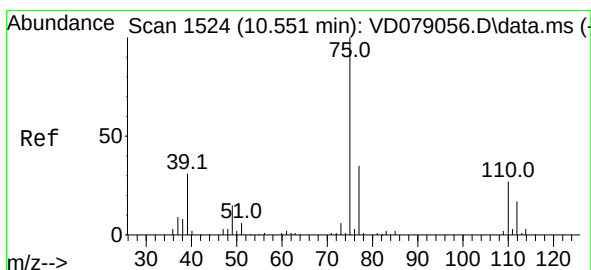
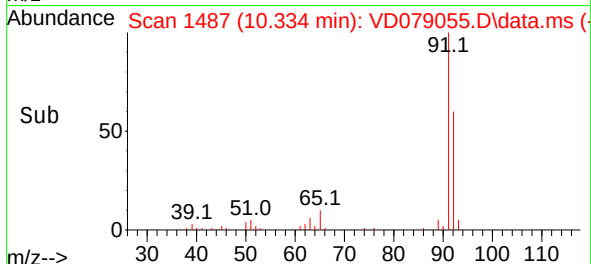
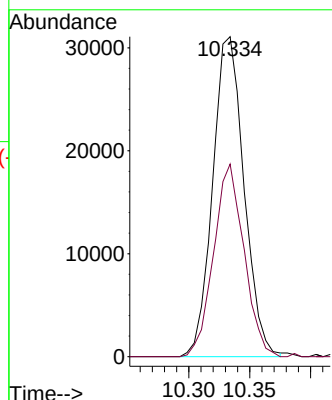
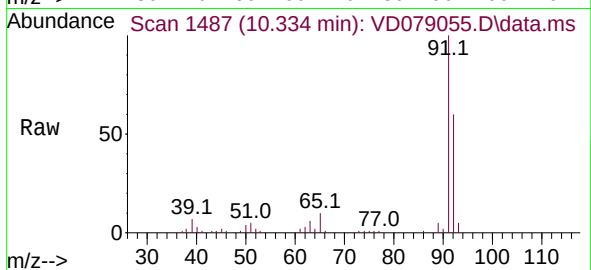
ClientSampleId :

Tgt Ion: 91 Resp: 55664

Ion Ratio Lower Upper

91 100

92 60.2 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 3.694 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079055.D

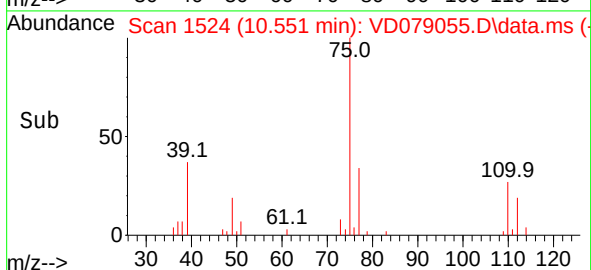
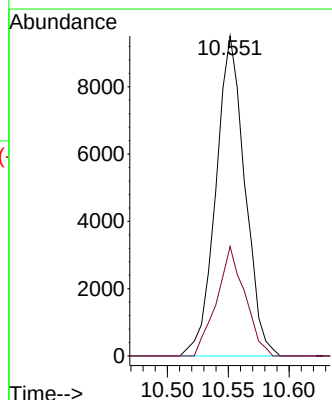
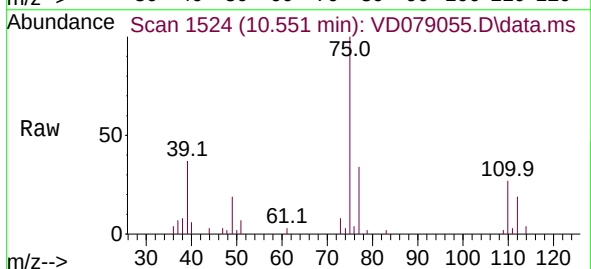
Acq: 29 May 2024 09:54

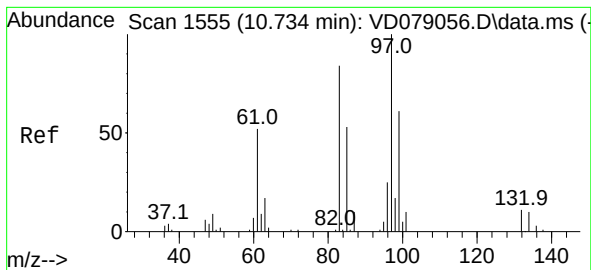
Tgt Ion: 75 Resp: 15778

Ion Ratio Lower Upper

75 100

77 34.2 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 4.406 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 12287

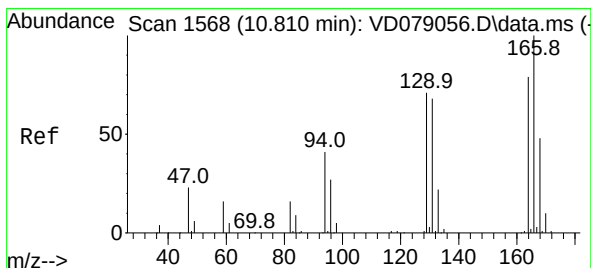
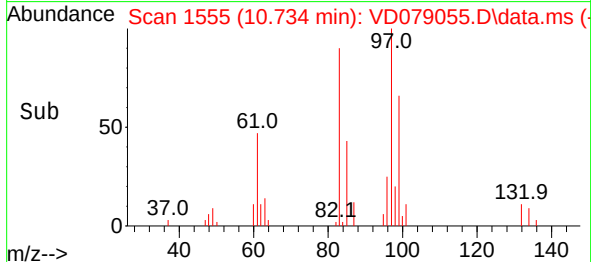
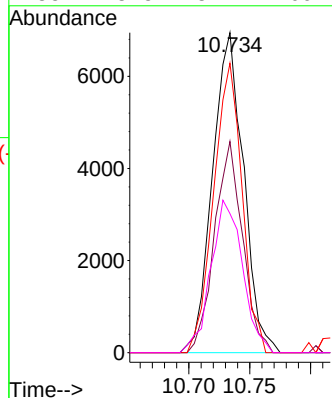
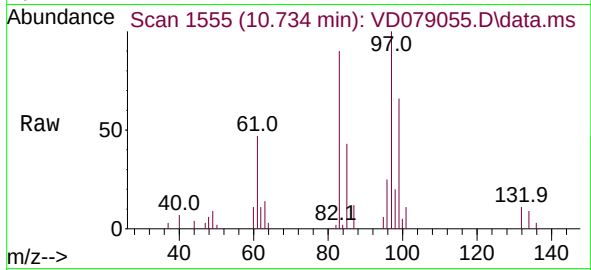
Ion Ratio Lower Upper

97 100

99 66.0 43.0 79.8

83 90.4 58.9 109.5

85 43.5 37.2 69.2



#46

Tetrachloroethene

Concen: 4.267 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Tgt Ion:164 Resp: 11826

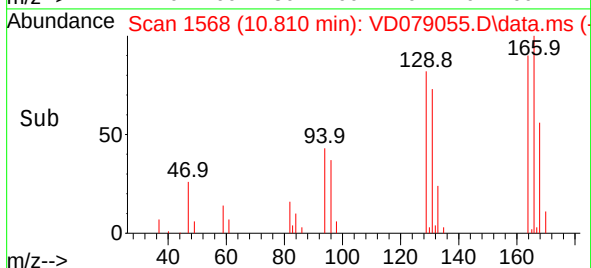
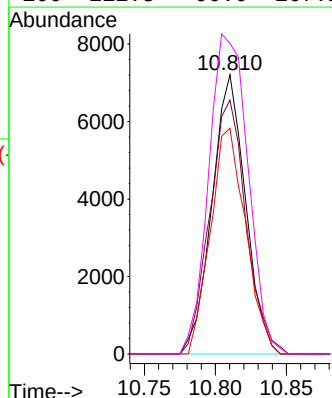
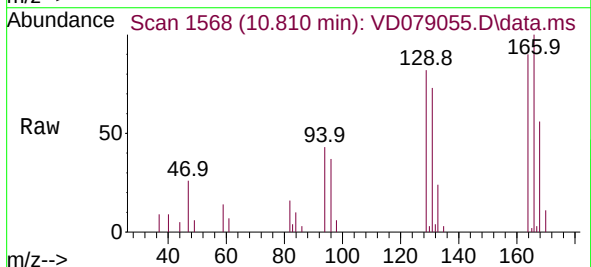
Ion Ratio Lower Upper

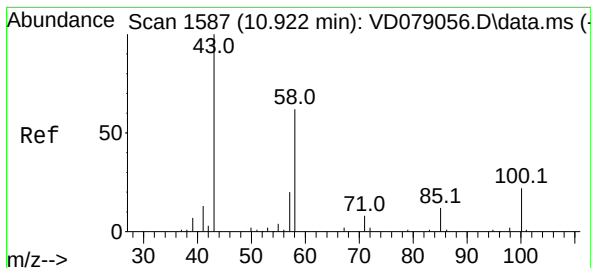
164 100

129 91.0 64.3 119.5

131 80.9 61.2 113.8

166 111.3 90.0 167.2





#48

2-Hexanone

Concen: 5.452 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

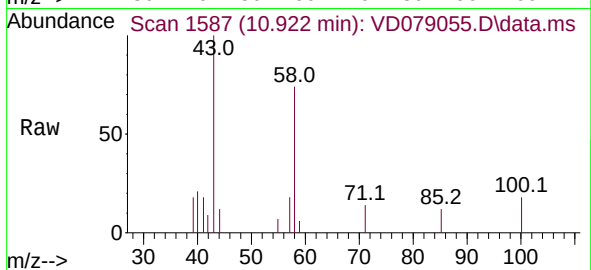
Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 6618

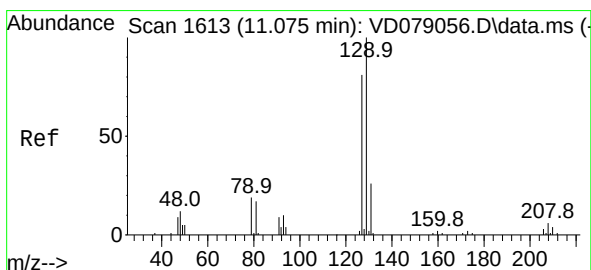
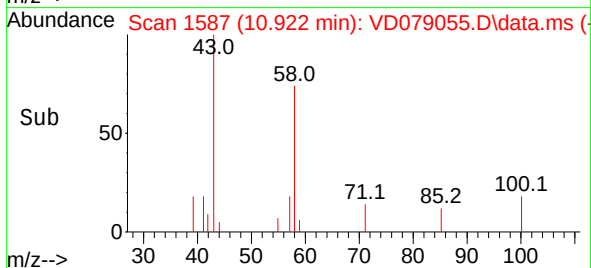
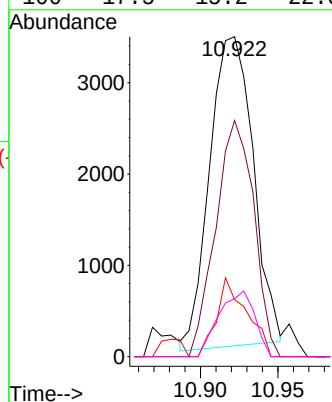
Ion Ratio Lower Upper

43 100

58 66.9 50.1 75.1

57 17.7 16.5 24.7

100 17.5 15.2 22.8



#49

Dibromochloromethane

Concen: 3.920 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079055.D

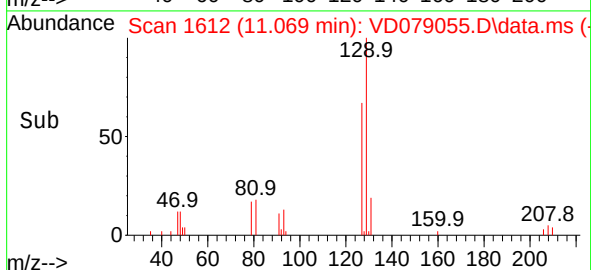
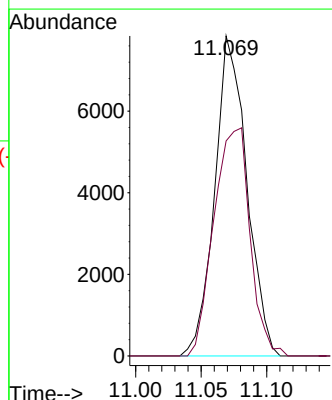
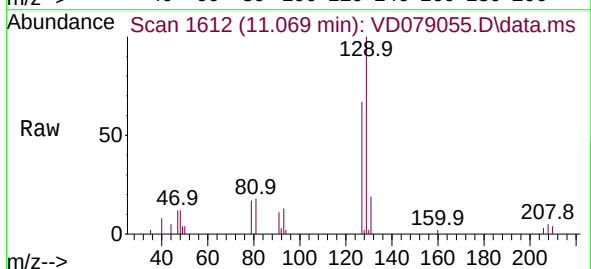
Acq: 29 May 2024 09:54

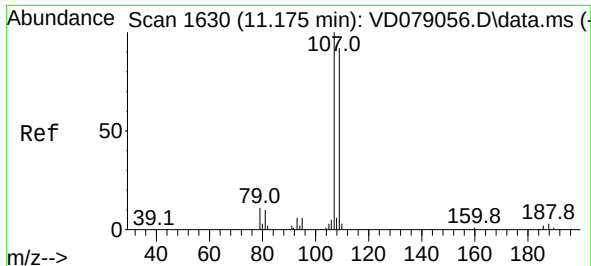
Tgt Ion: 129 Resp: 13326

Ion Ratio Lower Upper

129 100

127 67.2 56.4 104.7





#50

1,2-Dibromoethane

Concen: 3.963 ug/L

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079055.D

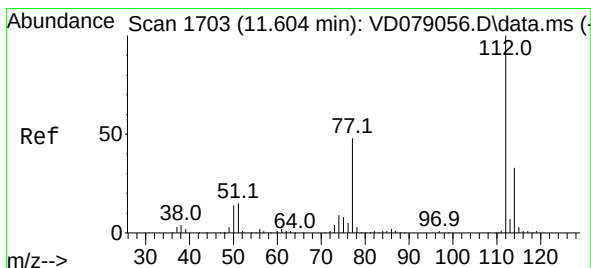
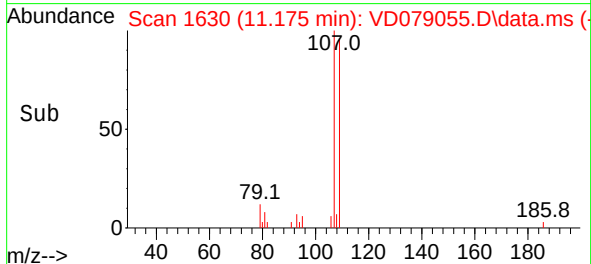
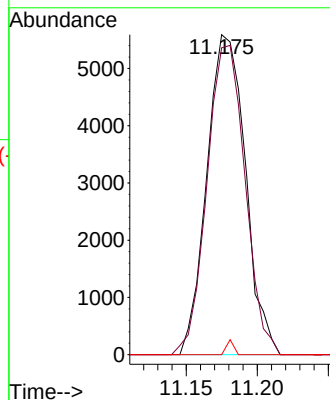
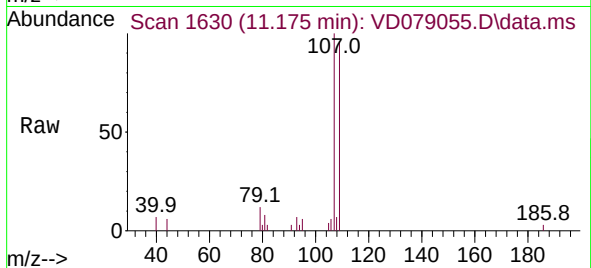
Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	10546
Ion Ratio	Lower	Upper	
107	100		
109	95.9	64.5	119.7
188	0.0	2.6	3.8#



#51

Chlorobenzene

Concen: 4.087 ug/L

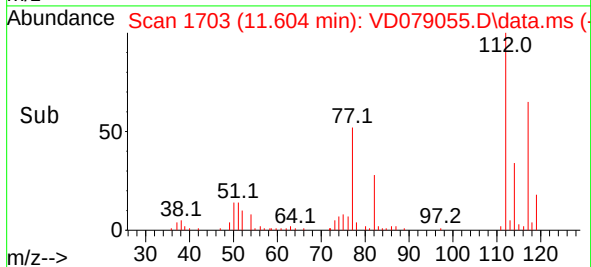
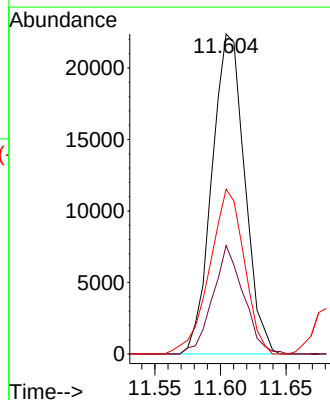
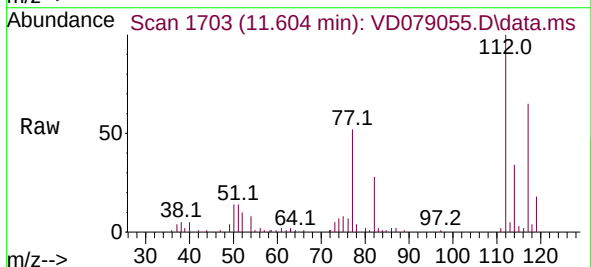
RT: 11.604 min Scan# 1703

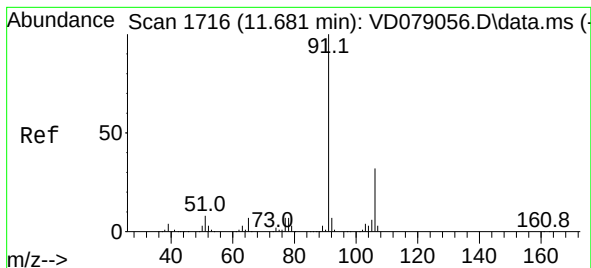
Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Tgt Ion:	112	Resp:	38885
Ion Ratio	Lower	Upper	
112	100		
114	33.9	22.7	42.3
77	51.5	38.4	57.6





#52

Ethylbenzene

Concen: 3.786 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

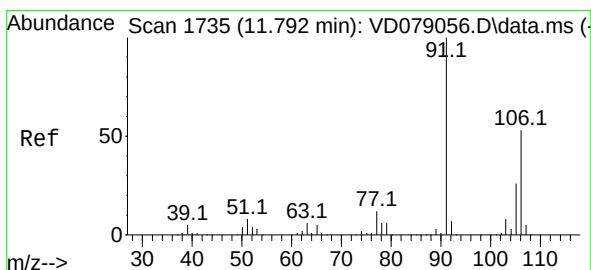
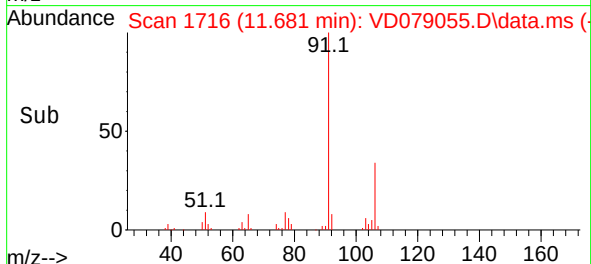
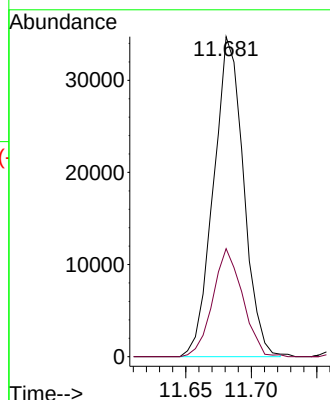
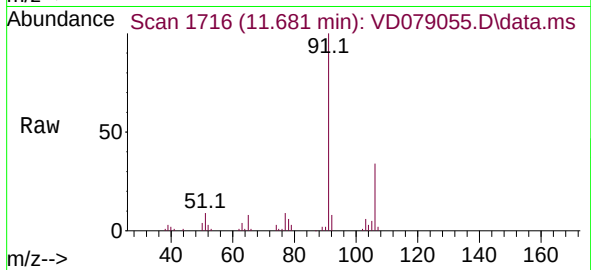
ClientSampleId :

Tgt Ion: 91 Resp: 55194

Ion Ratio Lower Upper

91 100

106 33.7 22.3 41.5



#53

m,p-Xylene

Concen: 3.621 ug/L

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD079055.D

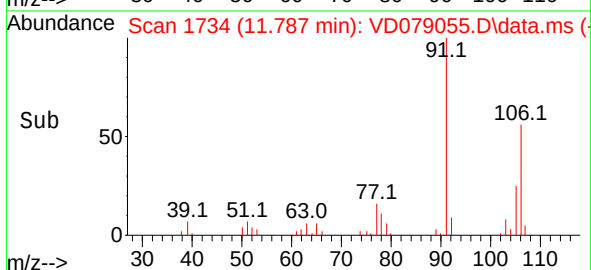
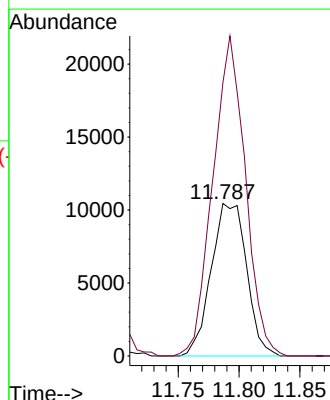
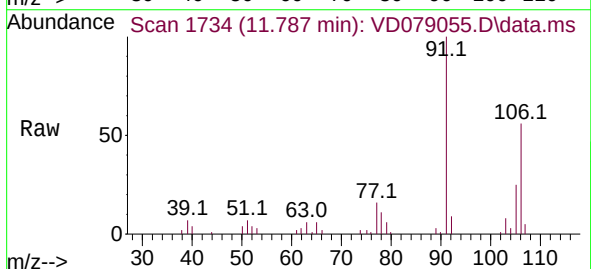
Acq: 29 May 2024 09:54

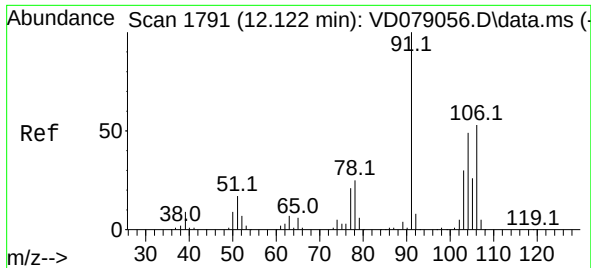
Tgt Ion:106 Resp: 21142

Ion Ratio Lower Upper

106 100

91 179.2 133.1 247.1

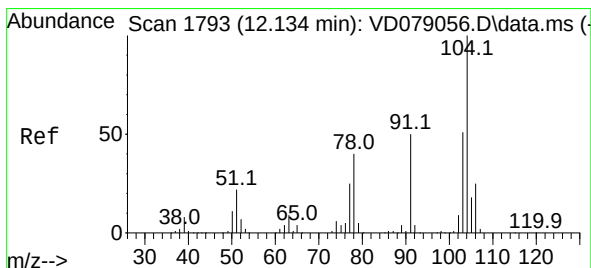
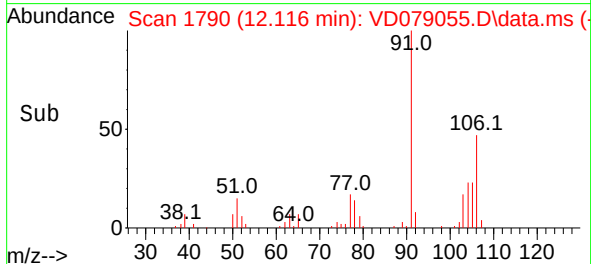
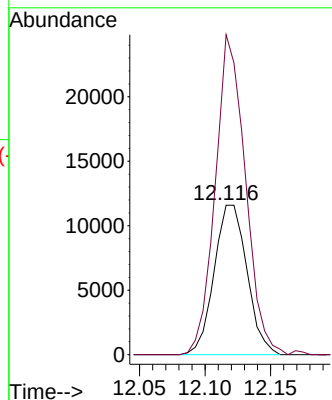
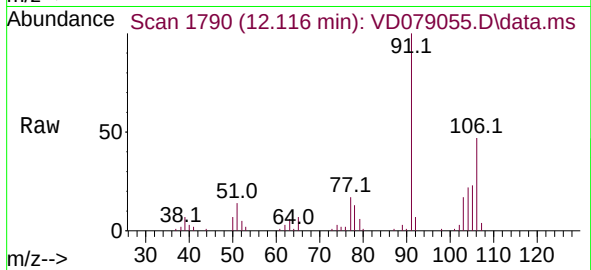




#54
o-Xylene
Concen: 3.551 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

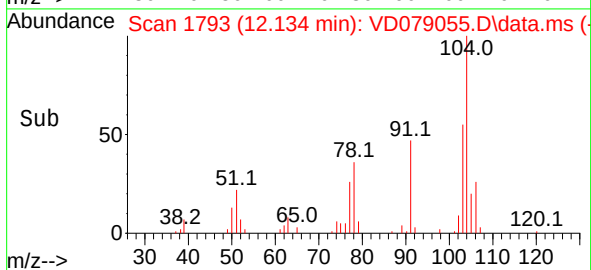
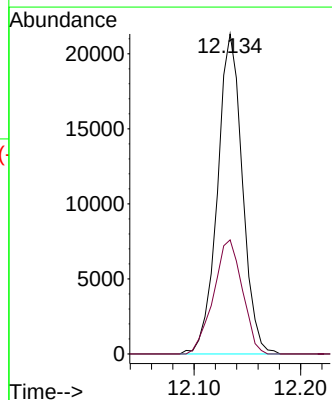
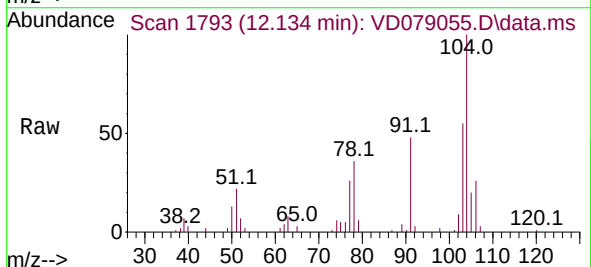
Instrument :
MSVOA_D
ClientSampleId :

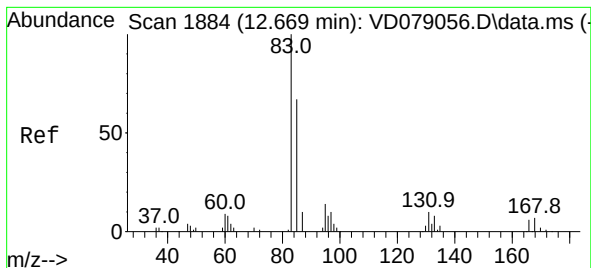
Tgt Ion:106 Resp: 20248
Ion Ratio Lower Upper
106 100
91 214.0 132.9 246.9



#55
Styrene
Concen: 3.482 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

Tgt Ion:104 Resp: 34659
Ion Ratio Lower Upper
104 100
78 35.6 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 3.748 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

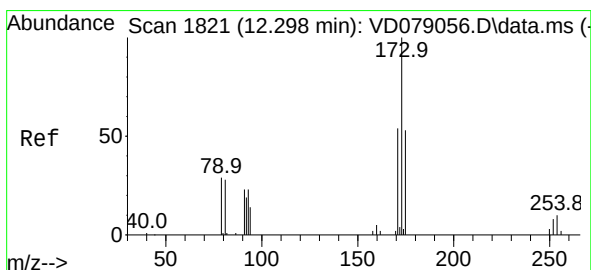
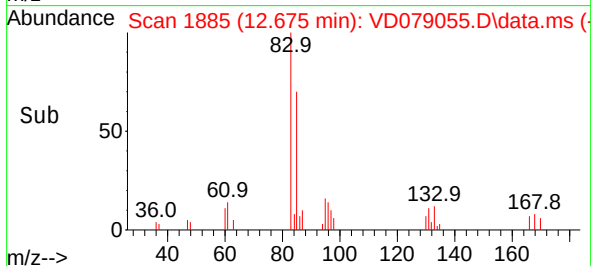
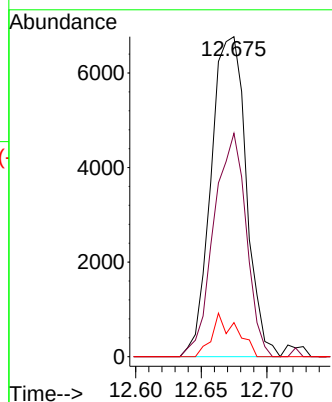
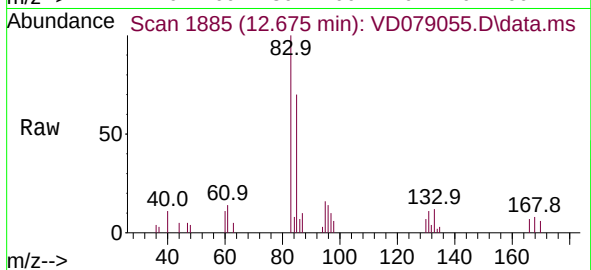
Tgt Ion: 83 Resp: 12613

Ion Ratio Lower Upper

83 100

85 69.8 47.5 88.1

131 10.7 8.6 13.0



#59

Bromoform

Concen: 4.283 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

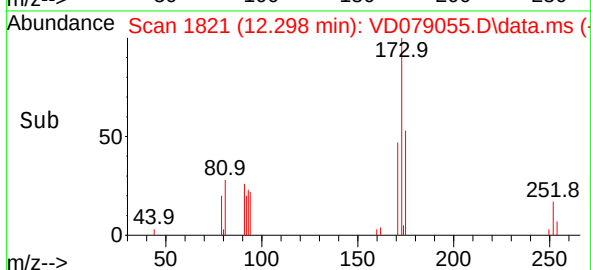
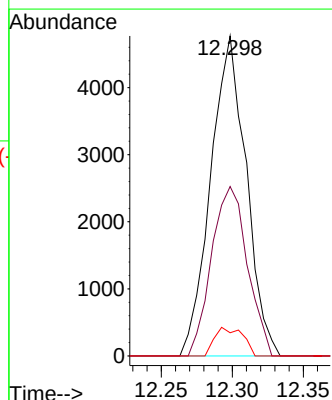
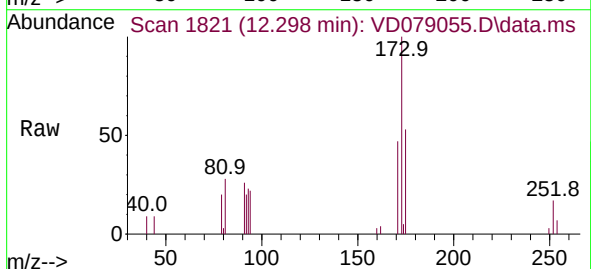
Tgt Ion:173 Resp: 8298

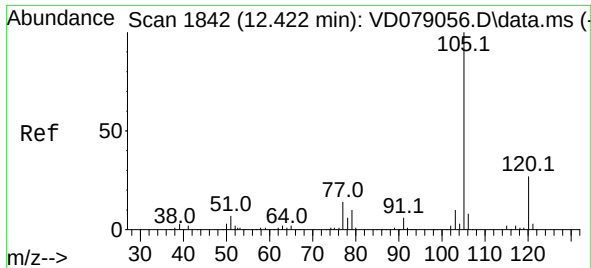
Ion Ratio Lower Upper

173 100

175 53.4 38.2 57.4

254 7.1 7.0 10.6

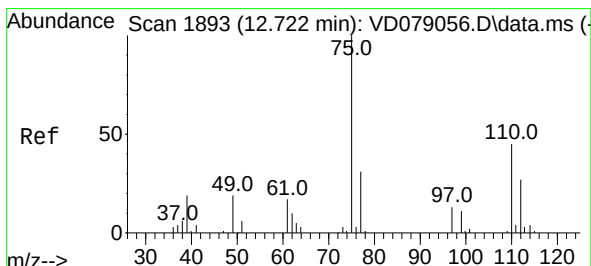
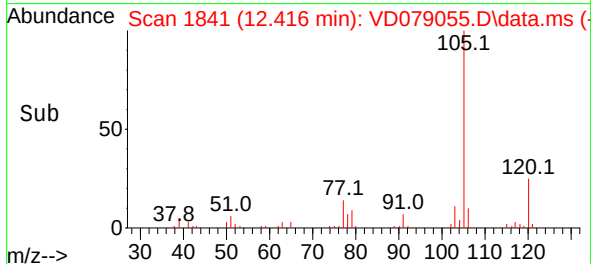
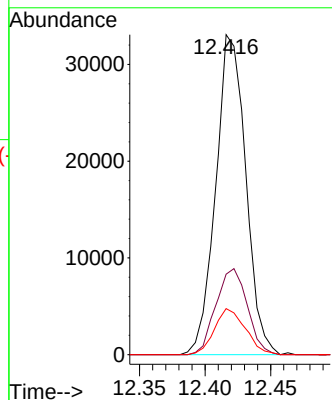
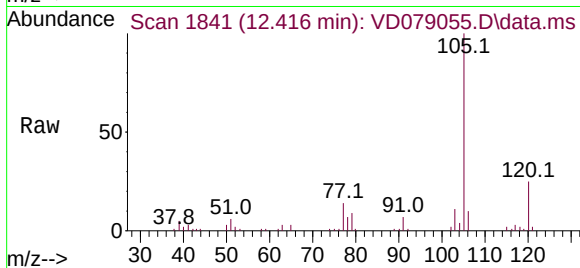




#60
Isopropylbenzene
Concen: 4.079 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

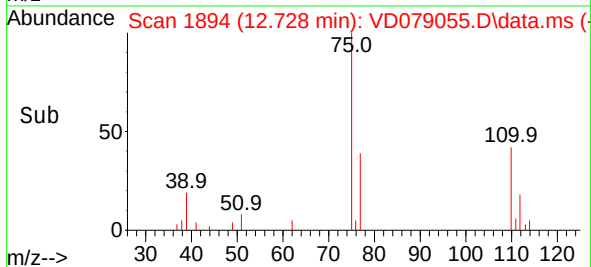
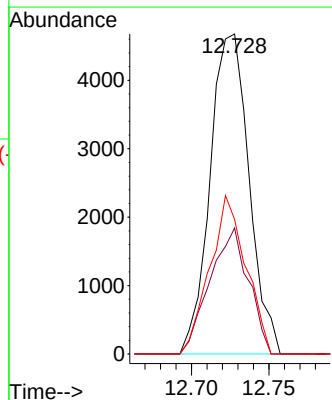
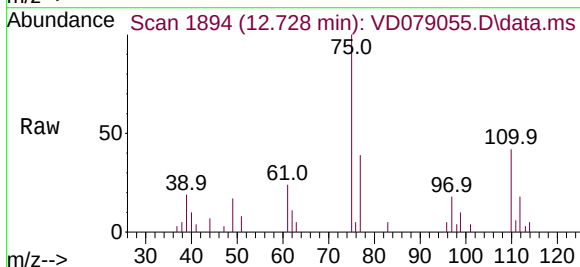
Instrument :
MSVOA_D
ClientSampleId :

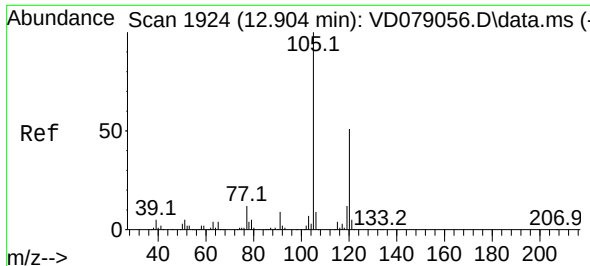
Tgt Ion:105 Resp: 52658
Ion Ratio Lower Upper
105 100
120 28.1 21.9 32.9
77 14.9 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 4.164 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

Tgt Ion: 75 Resp: 8179
Ion Ratio Lower Upper
75 100
77 39.0 25.9 38.9#
110 46.0 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 3.529 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

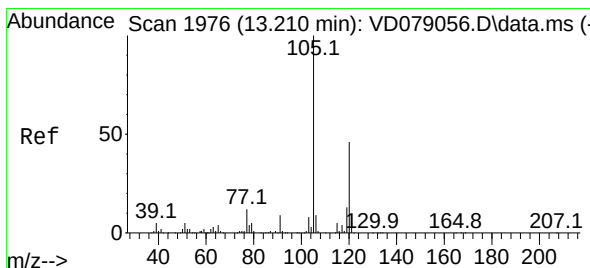
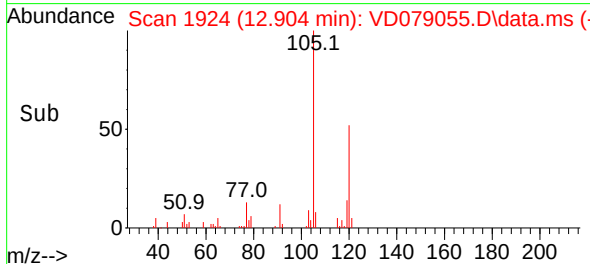
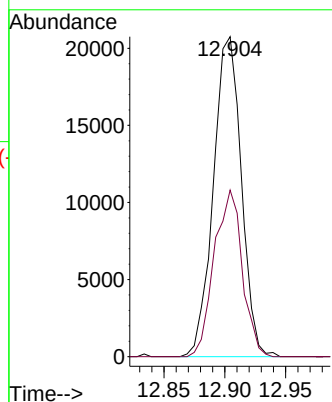
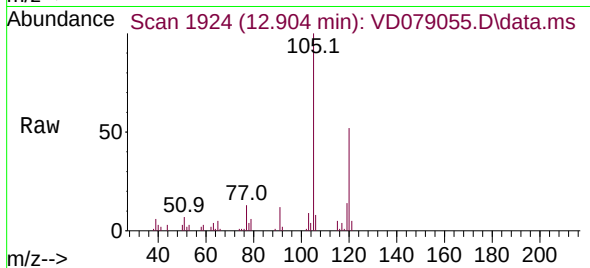
ClientSampleId :

Tgt Ion:105 Resp: 33136

Ion Ratio Lower Upper

105 100

120 52.2 40.7 61.1



#63

1,2,4-Trimethylbenzene

Concen: 3.567 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079055.D

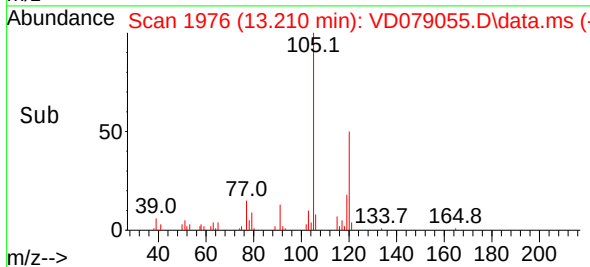
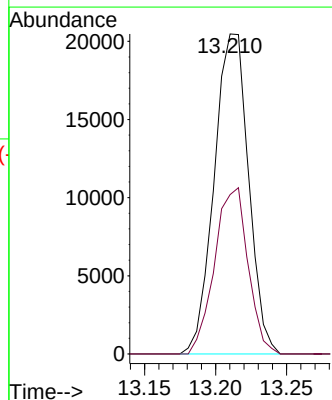
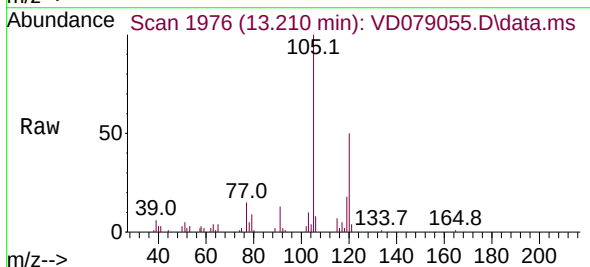
Acq: 29 May 2024 09:54

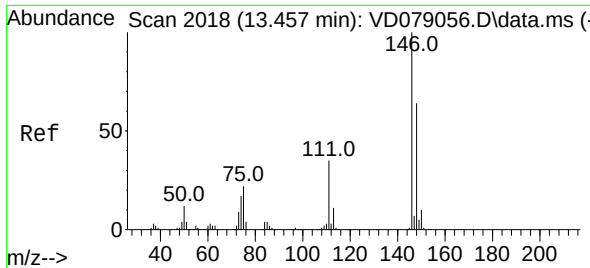
Tgt Ion:105 Resp: 34458

Ion Ratio Lower Upper

105 100

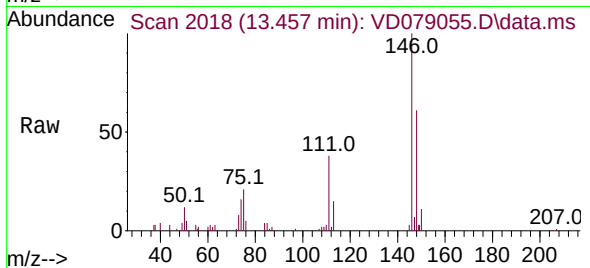
120 50.4 38.0 57.0



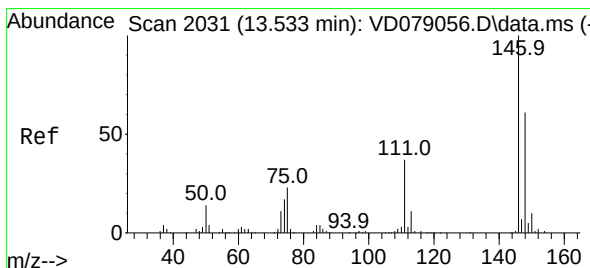
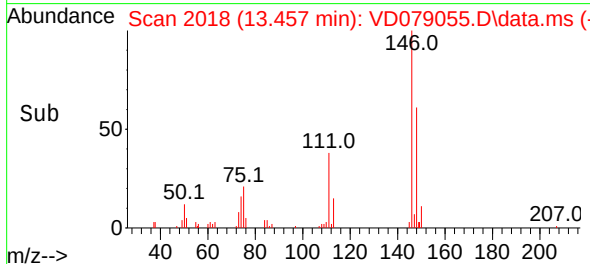
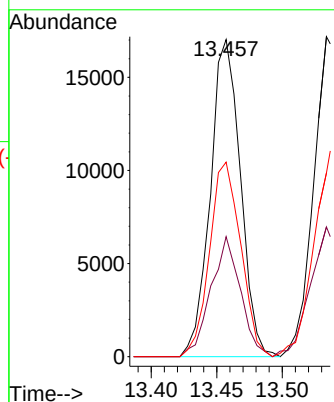


#64
1,3-Dichlorobenzene
Concen: 4.353 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

Instrument :
MSVOA_D
ClientSampleId :

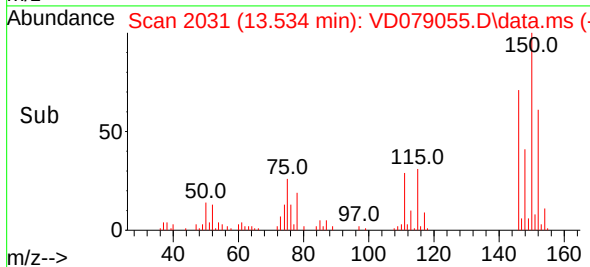
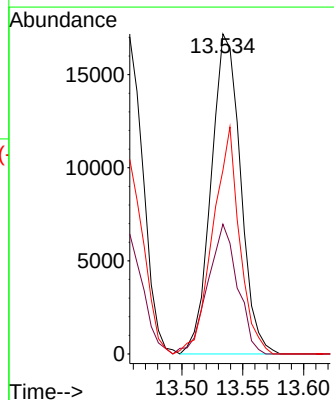
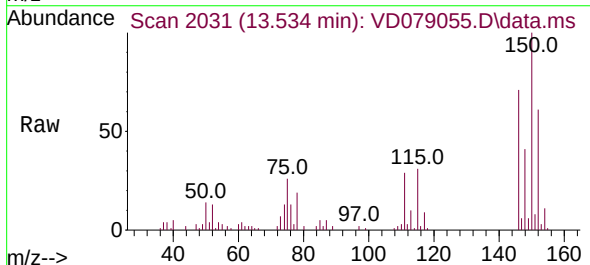


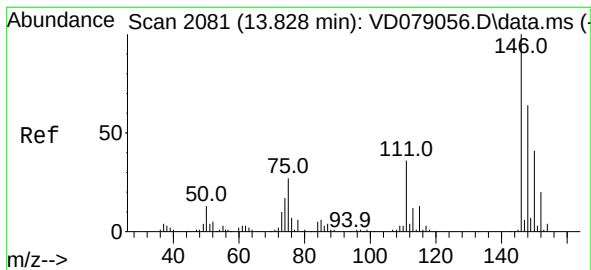
Tgt Ion:146 Resp: 27195
Ion Ratio Lower Upper
146 100
111 37.9 24.4 45.4
148 61.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.303 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

Tgt Ion:146 Resp: 28928
Ion Ratio Lower Upper
146 100
111 40.5 26.3 48.9
148 57.4 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 4.204 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

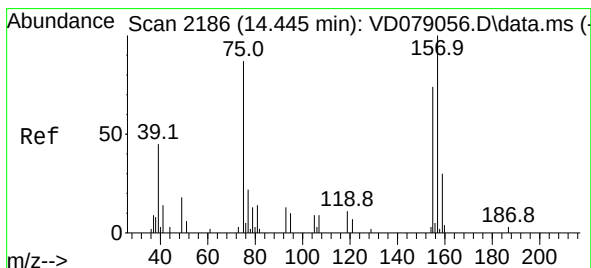
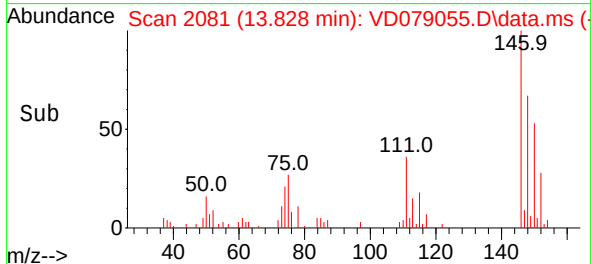
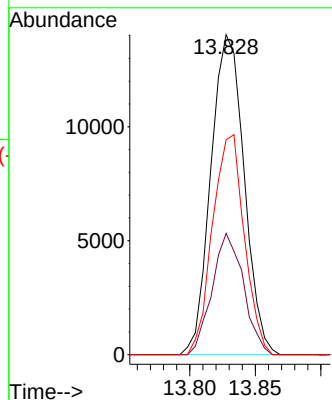
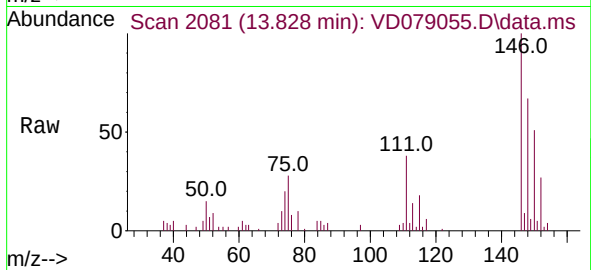
Tgt Ion:146 Resp: 24783

Ion Ratio Lower Upper

146 100

111 37.9 29.1 43.7

148 67.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.205 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

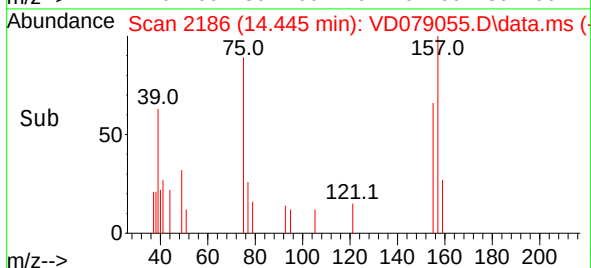
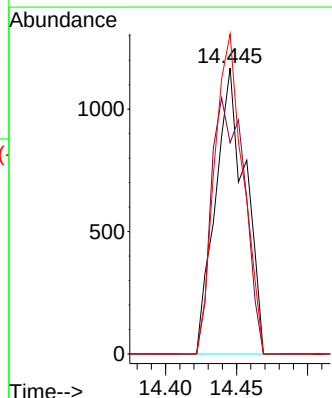
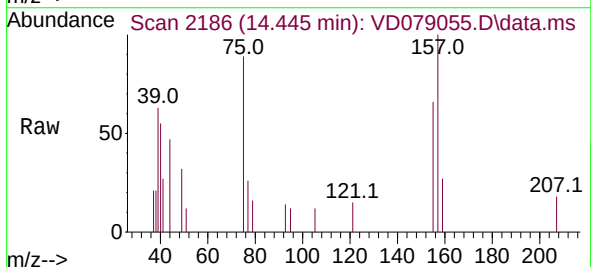
Tgt Ion: 75 Resp: 1706

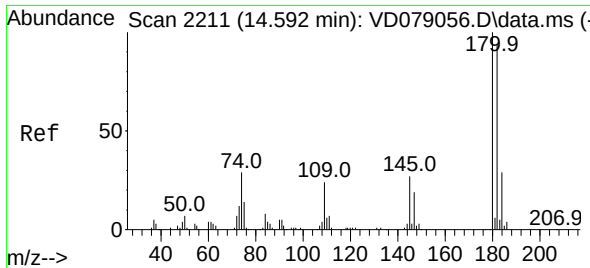
Ion Ratio Lower Upper

75 100

155 73.9 68.1 102.1

157 111.9 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 4.151 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

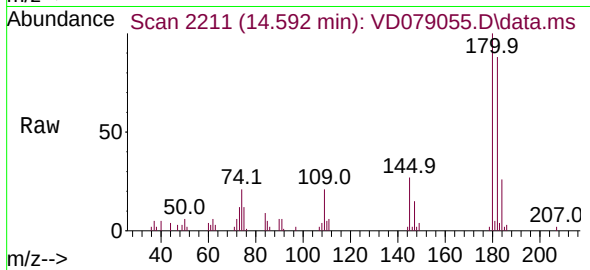
Lab File: VD079055.D

Acq: 29 May 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 16826

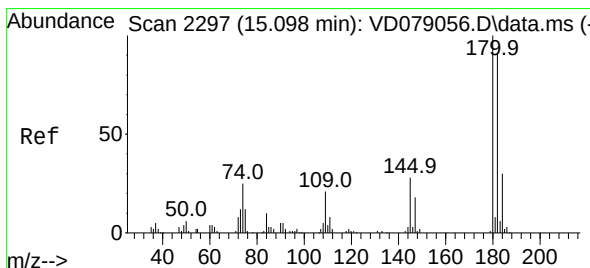
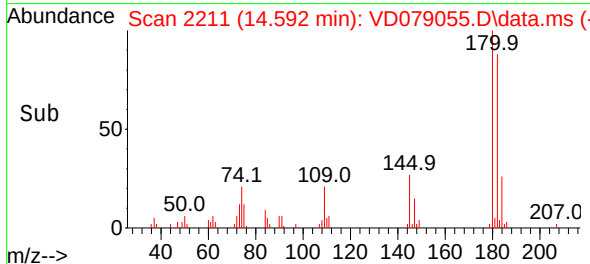
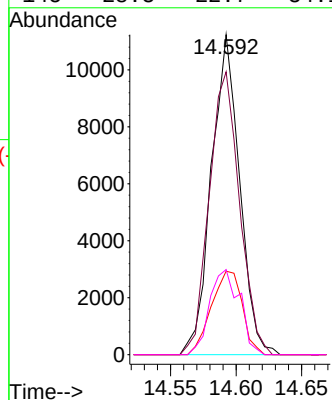
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

184 28.6 23.3 34.9

145 28.3 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 4.021 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079055.D

Acq: 29 May 2024 09:54

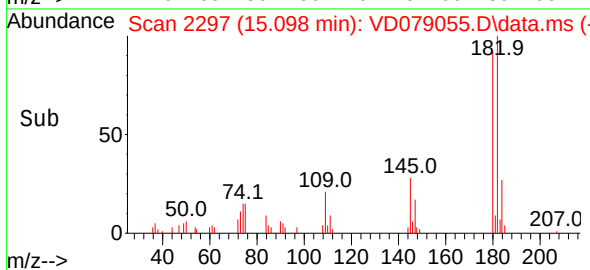
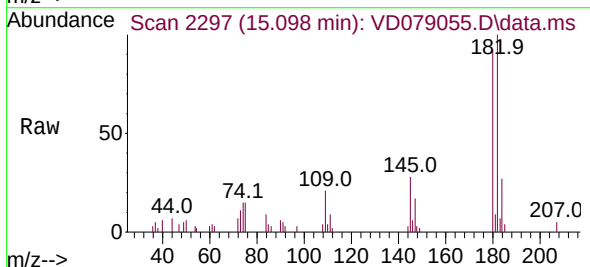
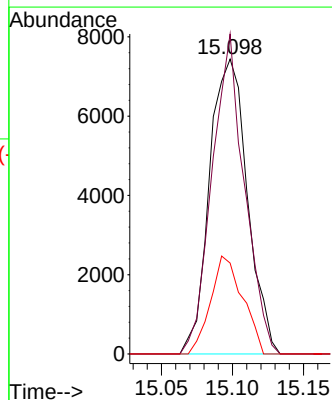
Tgt Ion:180 Resp: 13776

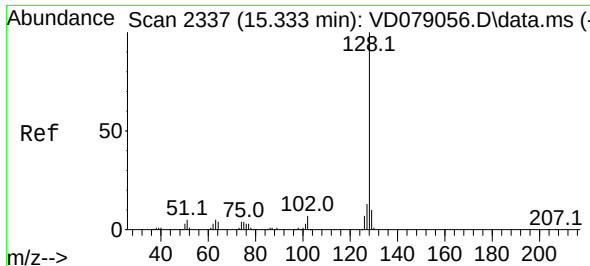
Ion Ratio Lower Upper

180 100

182 92.9 73.8 110.6

145 28.2 22.3 33.5

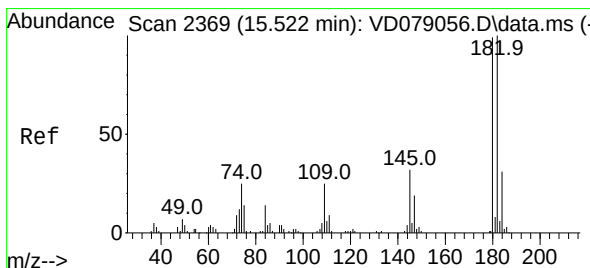
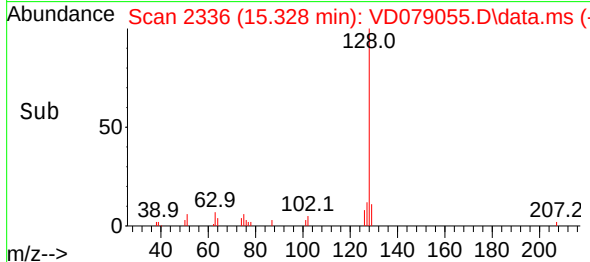
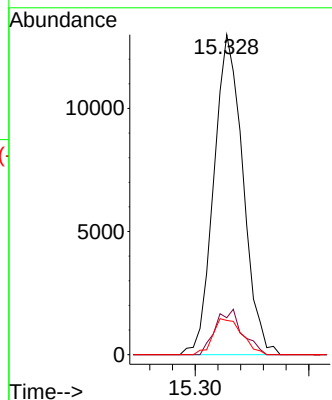
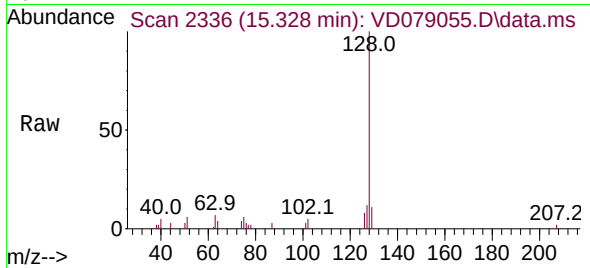




#71
Naphthalene
Concen: 3.358 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	23128
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.8 16.2
129	11.2	8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 3.641 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079055.D
Acq: 29 May 2024 09:54

Tgt Ion:180	Resp:	11526
Ion Ratio	Lower	Upper
180	100	
182	102.9	79.4 119.2
145	31.3	24.7 37.1

