

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079060.D
 Acq On : 29 May 2024 12:32
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 30 01:04:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 00:58:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	214813	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	209934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	108495	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	142661	21.581	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.320%
7) Chloroethane-d5	2.799	69	142679	22.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	3.917	65	26536	22.613	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.440%
21) 2-Butanone-d5	6.987	46	21987	43.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.980%
24) Chloroform-d	7.569	84	130995	21.810	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.240%
26) 1,2-Dichloroethane-d4	8.234	65	61207	22.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.360%
32) Benzene-d6	8.199	84	270377	23.232	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.920%
36) 1,2-Dichloropropane-d6	9.210	67	70885	21.145	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.560%
41) Toluene-d8	10.269	98	254098	23.319	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.280%
43) trans-1,3-Dichloroprop...	10.522	79	31772	22.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.200%
47) 2-Hexanone-d5	10.875	63	18971	43.774	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.540%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	62660	21.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	84104	22.461	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.840%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	83632	24.594	ug/L	99
3) Chloromethane	2.146	50	112549	24.833	ug/L	99
5) Vinyl chloride	2.281	62	179251	23.962	ug/L	96
6) Bromomethane	2.693	94	142588	24.690	ug/L	97
8) Chloroethane	2.840	64	135001	24.623	ug/L	95
9) Trichlorofluoromethane	3.175	101	167138	29.330	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	83489	24.432	ug/L	98
12) 1,1-Dichloroethene	3.940	96	76112	25.584	ug/L	94
13) Acetone	4.022	43	38894	53.134	ug/L	96
14) Carbon disulfide	4.269	76	259236	24.980	ug/L	98
15) Methyl Acetate	4.564	43	23390	23.452	ug/L	98
16) Methylene chloride	4.805	84	91581	23.926	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	81915	25.479	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	147092	25.796	ug/L #	90
19) 1,1-Dichloroethane	6.111	63	126861	24.508	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	86559	25.857	ug/L	95
22) 2-Butanone	7.081	43	39356	51.181	ug/L	97
23) Bromochloromethane	7.422	128	41802	24.629	ug/L	96
25) Chloroform	7.593	83	143113	24.352	ug/L	94

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 QLast Update : Thu May 30 00:58:24 2024
 Response via : Initial Calibration

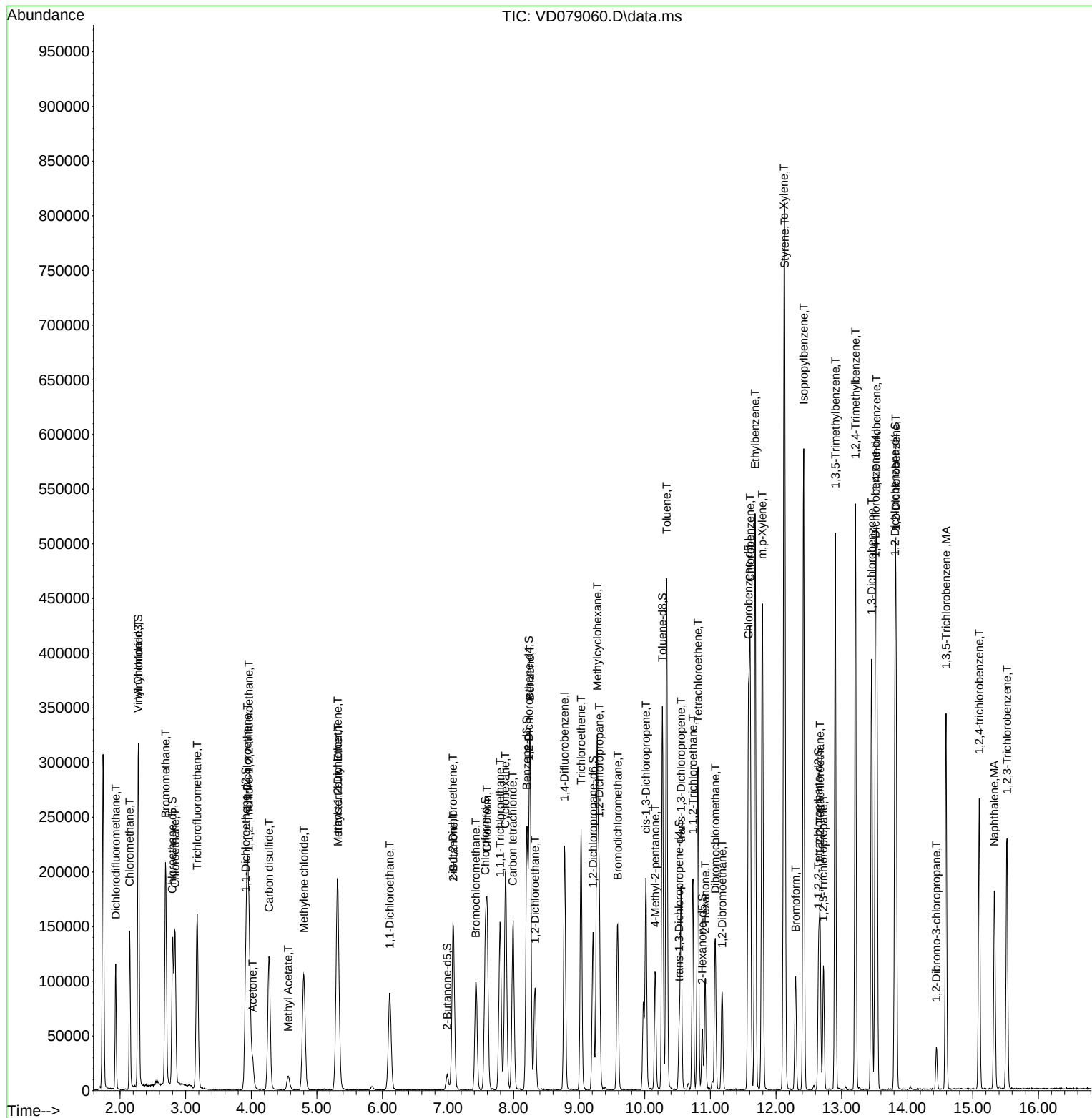
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	84650	24.813	ug/L	100
29) Cyclohexane	7.875	56	103106	27.221	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	127053	25.562	ug/L	97
31) Carbon tetrachloride	7.987	117	118207	25.593	ug/L	96
33) Benzene	8.252	78	324719	25.970	ug/L	100
34) Trichloroethene	9.028	95	83227	25.843	ug/L	98
35) Methylcyclohexane	9.275	83	143586	26.908	ug/L	99
37) 1,2-Dichloropropane	9.305	63	76126	24.856	ug/L #	92
38) Bromodichloromethane	9.587	83	106832	25.092	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	121044	25.318	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	66527	52.035	ug/L	95
42) Toluene	10.334	91	363991	26.216	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	105243	26.031	ug/L	91
45) 1,1,2-Trichloroethane	10.734	97	66468	24.738	ug/L	98
46) Tetrachloroethene	10.810	164	69671	24.570	ug/L	99
48) 2-Hexanone	10.922	43	58309	52.706	ug/L	98
49) Dibromochloromethane	11.075	129	76932	24.179	ug/L	97
50) 1,2-Dibromoethane	11.181	107	60418	24.467	ug/L #	97
51) Chlorobenzene	11.604	112	234461	25.379	ug/L	96
52) Ethylbenzene	11.681	91	384033	26.517	ug/L	98
53) m,p-Xylene	11.793	106	155217	27.317	ug/L	100
54) o-Xylene	12.122	106	147078	26.792	ug/L	89
55) Styrene	12.134	104	267626	27.494	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	72210	24.009	ug/L	98
59) Bromoform	12.298	173	47948	24.113	ug/L	100
60) Isopropylbenzene	12.422	105	387722	27.027	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	47377	24.734	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	266167	27.136	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	283259	27.000	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	175458	25.459	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	185205	25.363	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	159795	25.082	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	9688	24.603	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	111390	25.627	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	88955	24.642	ug/L	99
71) Naphthalene	15.328	128	166394	24.646	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	80725	25.873	ug/L	99

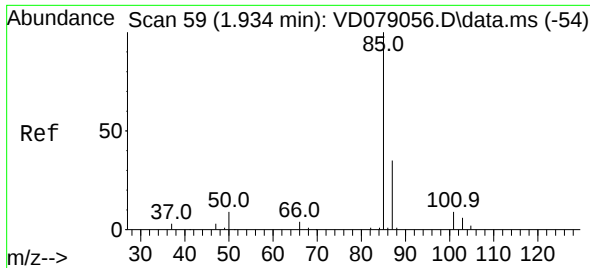
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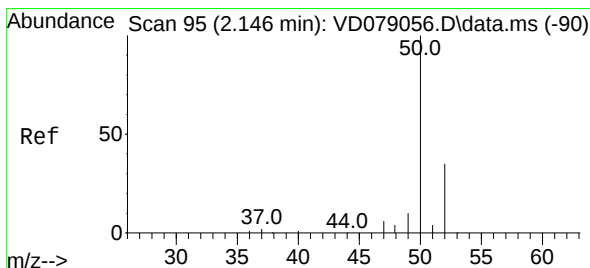
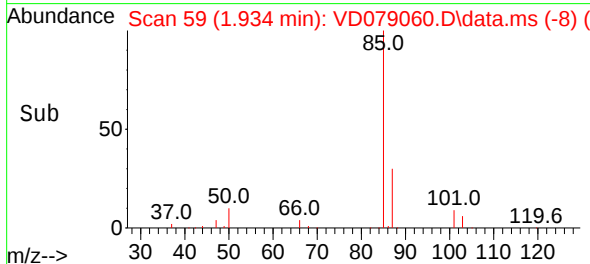
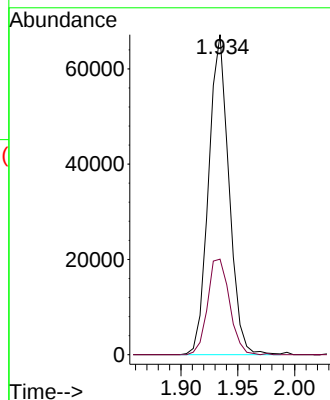
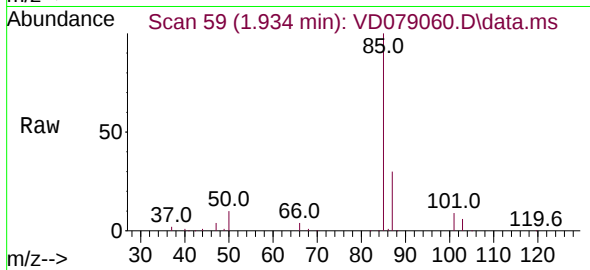




#2
Dichlorodifluoromethane
Concen: 24.594 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

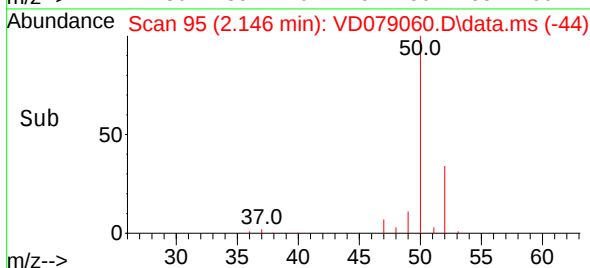
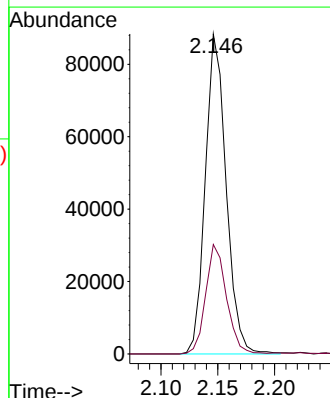
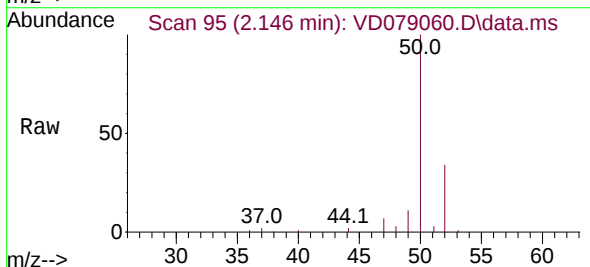
Instrument :
MSVOA_D
ClientSampleId :

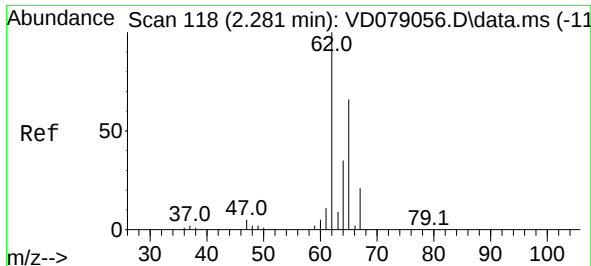
Tgt Ion: 85 Resp: 83632
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4



#3
Chloromethane
Concen: 24.833 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Tgt Ion: 50 Resp: 112549
Ion Ratio Lower Upper
50 100
52 34.2 24.4 45.2

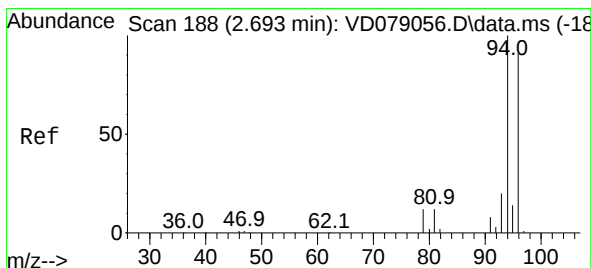
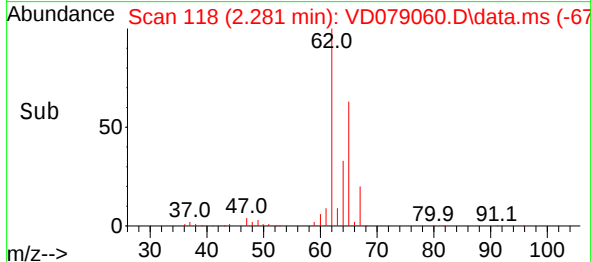
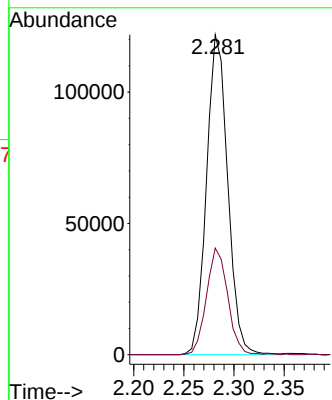
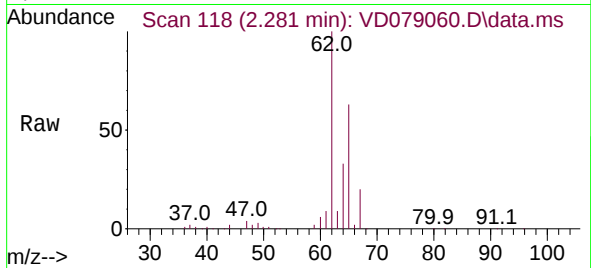




#5
 Vinyl chloride
 Concen: 23.962 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079060.D
 Acq: 29 May 2024 12:32

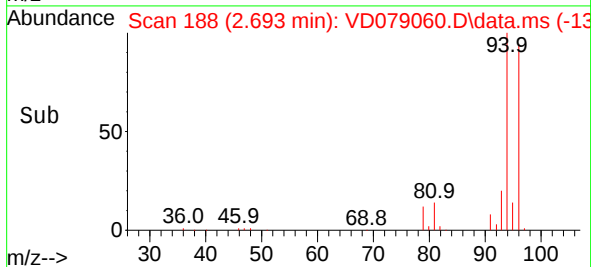
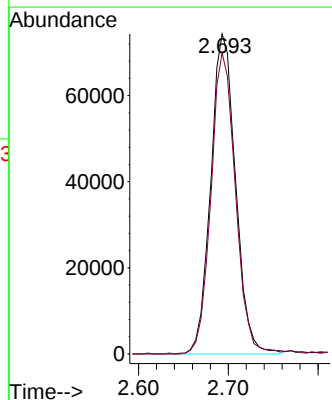
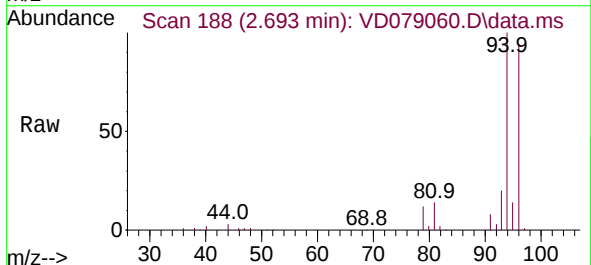
Instrument :
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 ClientSampleId :

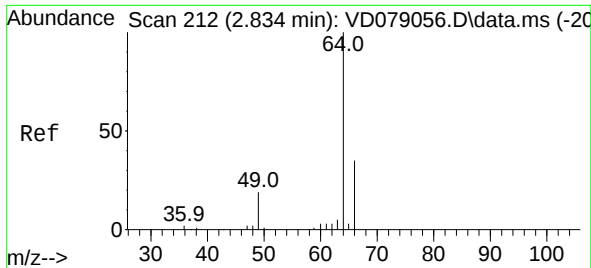
Tgt Ion: 62 Resp: 179251
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.8 46.1



#6
 Bromomethane
 Concen: 24.690 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079060.D
 Acq: 29 May 2024 12:32

Tgt Ion: 94 Resp: 142588
 Ion Ratio Lower Upper
 94 100
 96 94.1 63.6 118.2

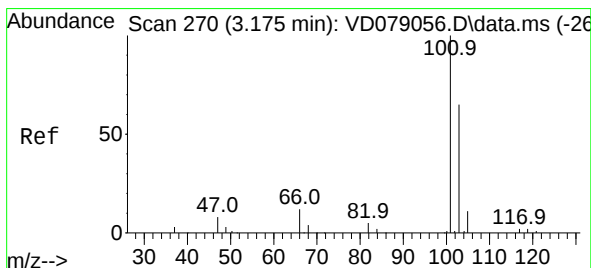
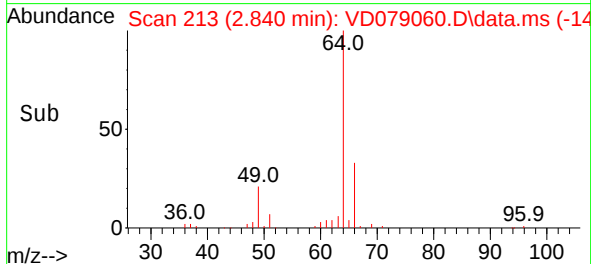
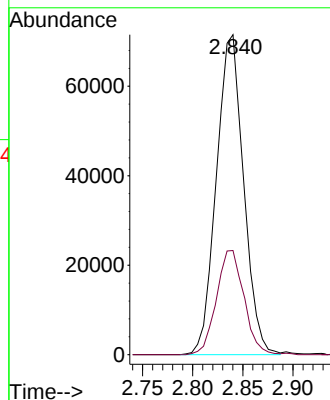
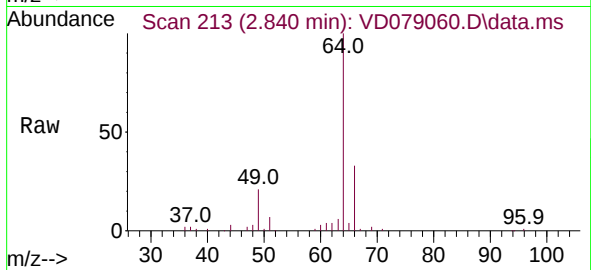




#8
Chloroethane
Concen: 24.623 ug/L
RT: 2.840 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

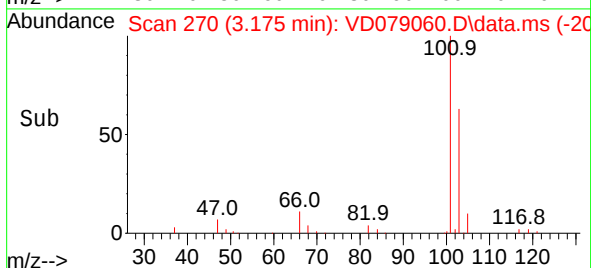
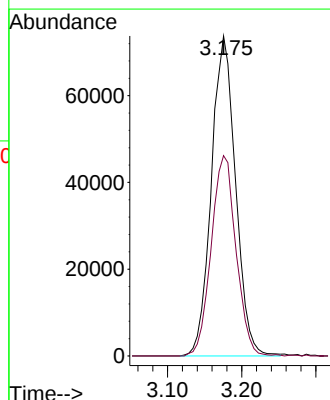
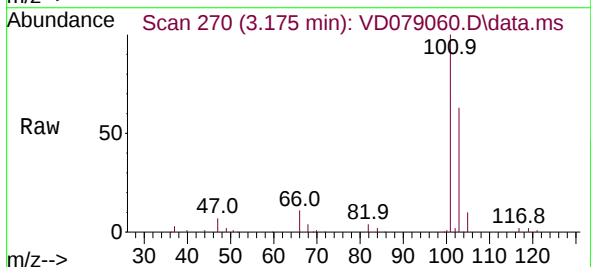
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MSVOA_D
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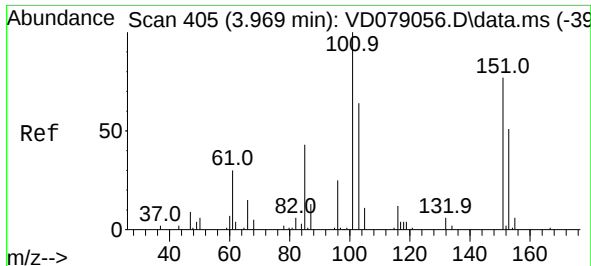
Tgt Ion: 64 Resp: 135001
Ion Ratio Lower Upper
64 100
66 32.6 24.8 46.1



#9
Trichlorofluoromethane
Concen: 29.330 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Tgt Ion:101 Resp: 167138
Ion Ratio Lower Upper
101 100
103 64.1 52.6 79.0





#10

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

Concen: 24.432 ug/L

RT: 3.964 min Scan# 405

Delta R.T. -0.006 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

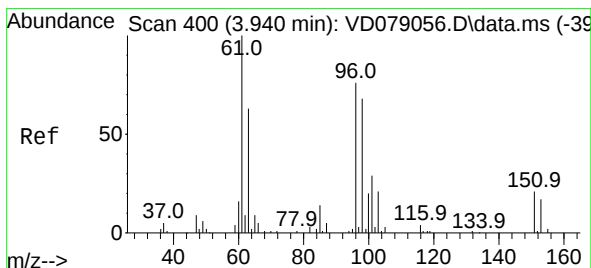
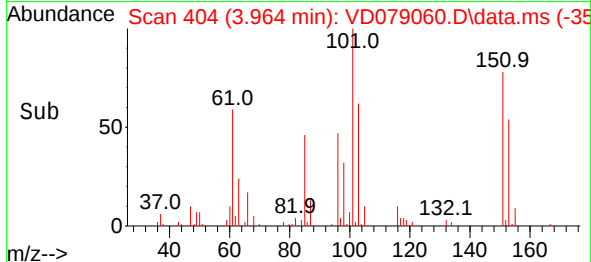
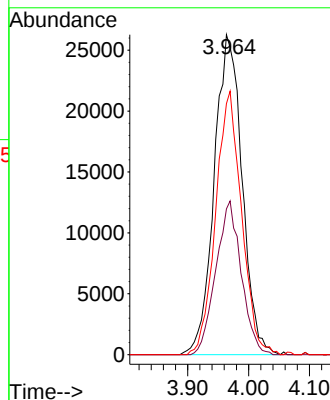
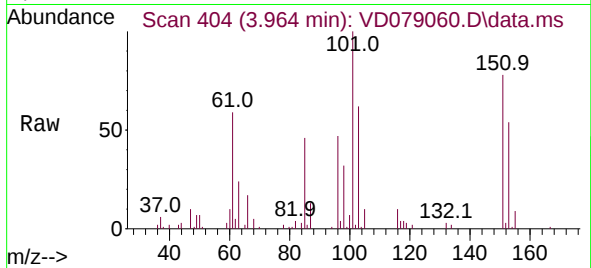
Tgt Ion:101 Resp: 83489

Ion Ratio Lower Upper

101 100

85 43.8 35.4 53.0

151 76.5 59.1 88.7



#12

1,1-Dichloroethene

Concen: 25.584 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

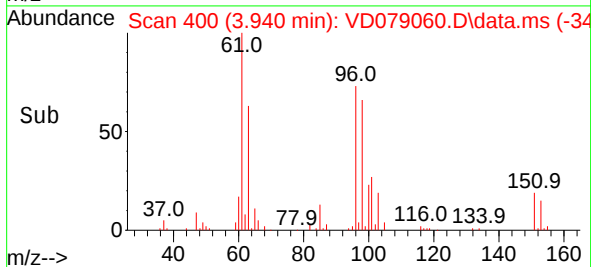
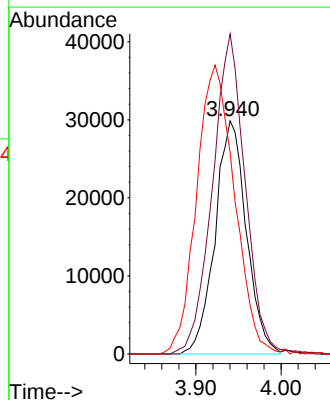
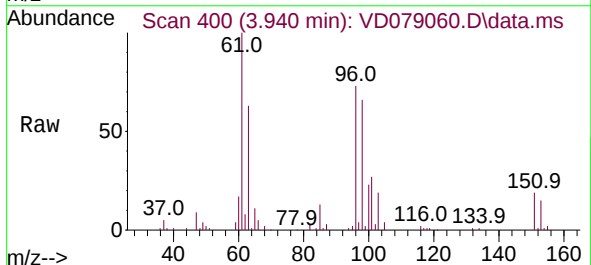
Tgt Ion: 96 Resp: 76112

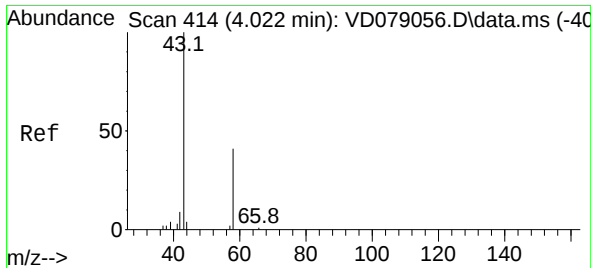
Ion Ratio Lower Upper

96 100

61 137.3 93.9 174.3

63 86.4 67.7 125.7





#13

Acetone

Concen: 53.134 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

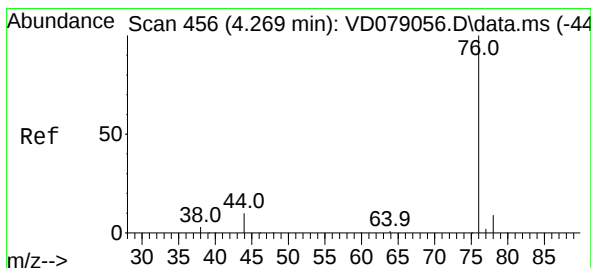
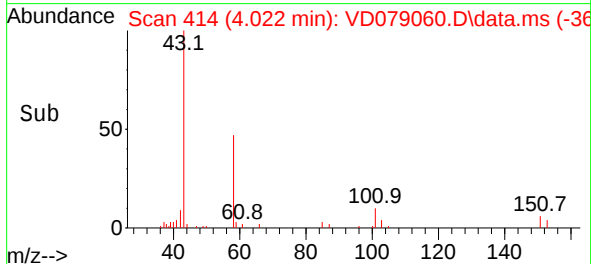
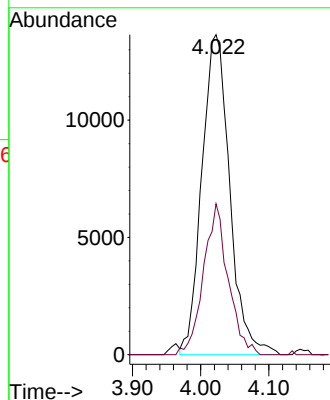
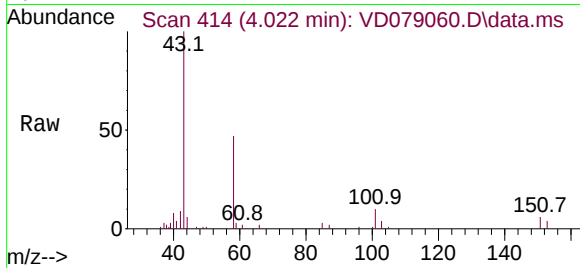
ClientSampleId :

Tgt Ion: 43 Resp: 38894

Ion Ratio Lower Upper

43 100

58 41.6 0.0 78.2



#14

Carbon disulfide

Concen: 24.980 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079060.D

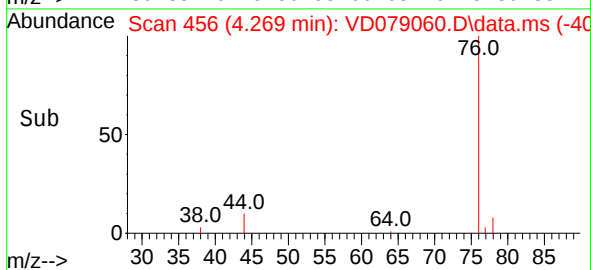
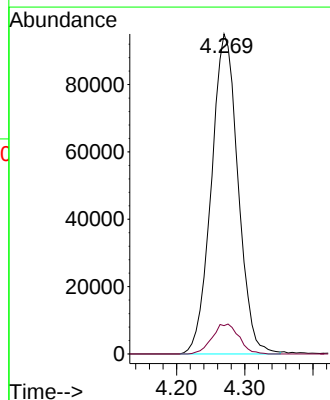
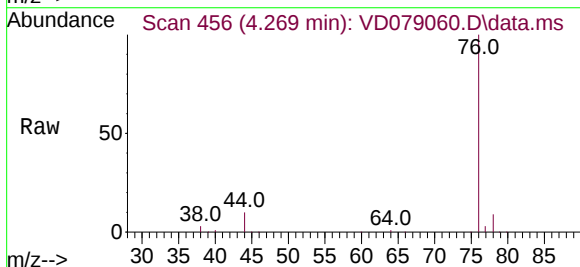
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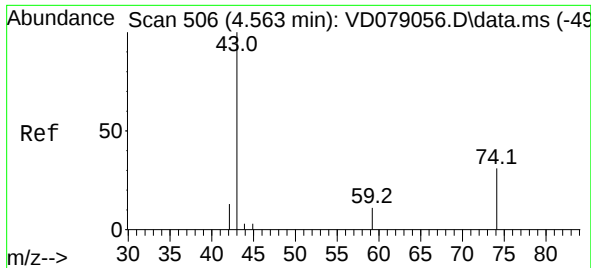
Tgt Ion: 76 Resp: 259236

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

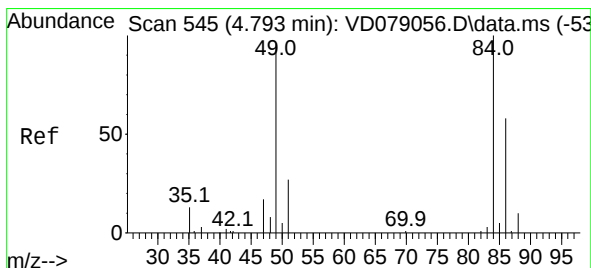
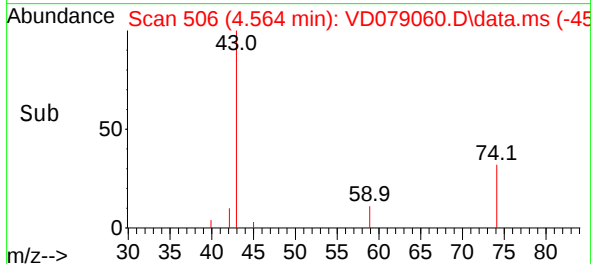
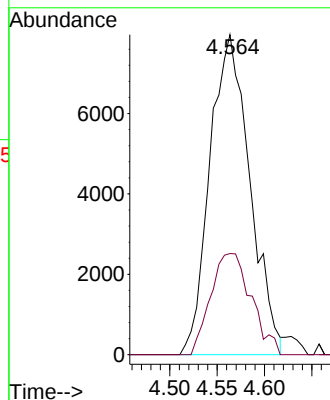
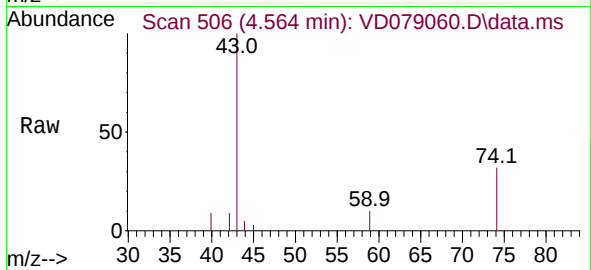




#15
Methyl Acetate
Concen: 23.452 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

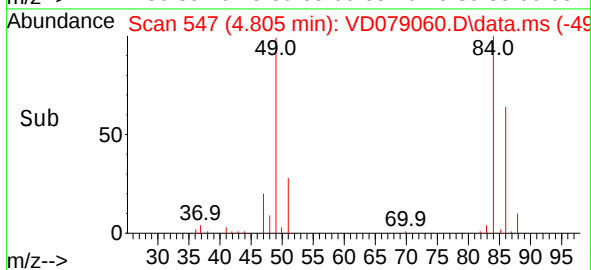
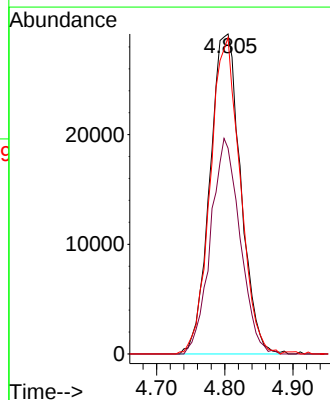
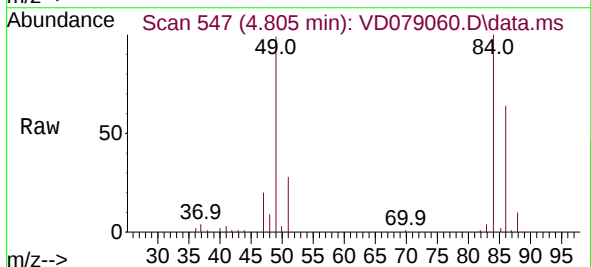
Instrument :
MSVOA_D
ClientSampleId :

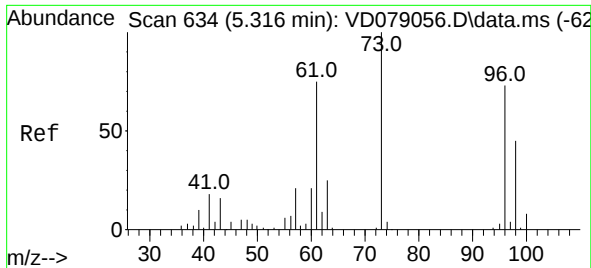
Tgt Ion: 43 Resp: 23390
Ion Ratio Lower Upper
43 100
74 30.7 23.8 35.6



#16
Methylene chloride
Concen: 23.926 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.012 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Tgt Ion: 84 Resp: 91581
Ion Ratio Lower Upper
84 100
86 64.3 40.9 76.0
49 98.8 67.5 125.3

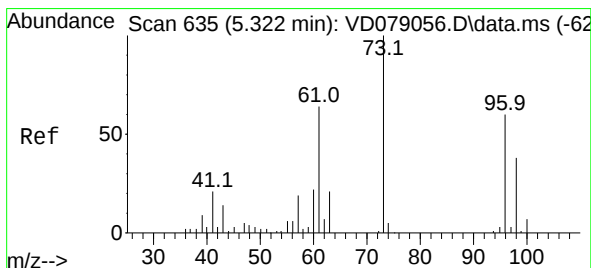
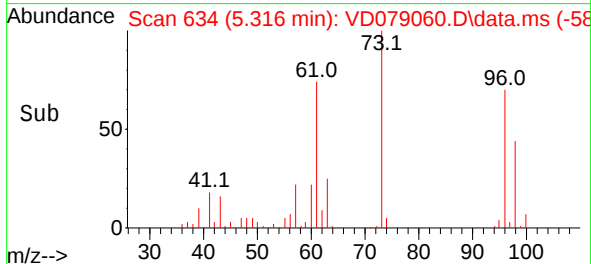
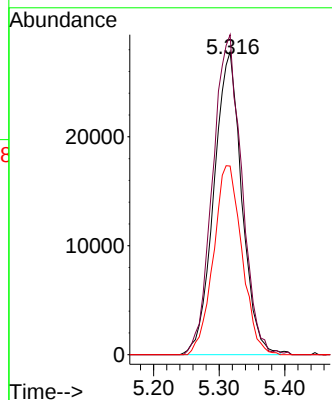
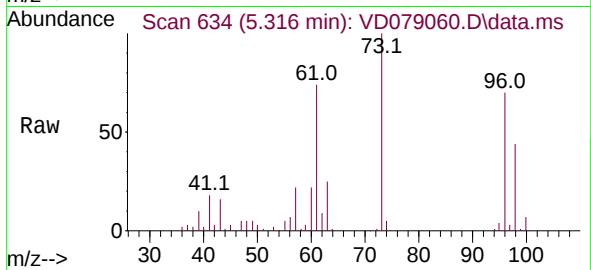




#17
trans-1,2-Dichloroethene
Concen: 25.479 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

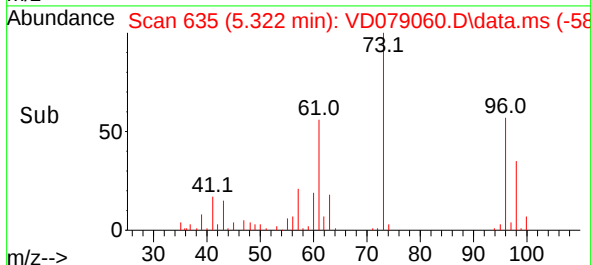
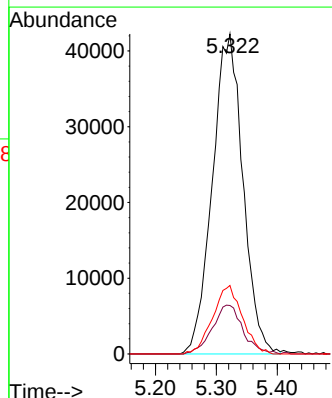
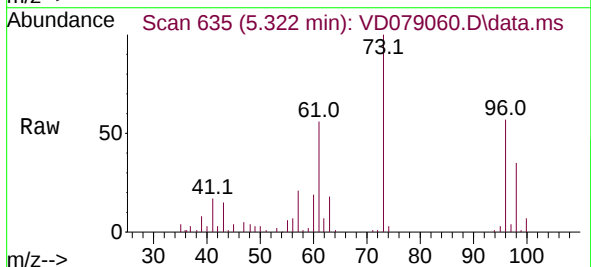
Instrument :
MSVOA_D
ClientSampleId :

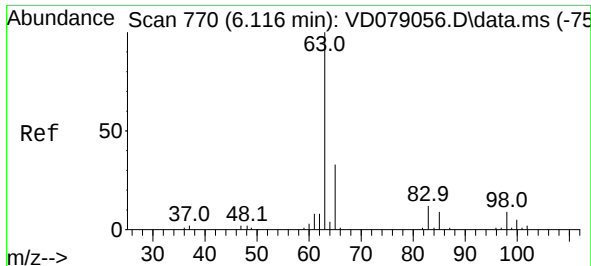
Tgt Ion: 96 Resp: 81915
Ion Ratio Lower Upper
96 100
61 105.6 71.9 133.5
98 62.3 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 25.796 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Tgt Ion: 73 Resp: 147092
Ion Ratio Lower Upper
73 100
43 15.2 12.0 18.0
57 20.8 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 24.508 ug/L

RT: 6.111 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

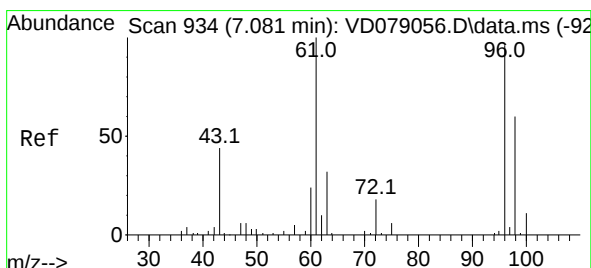
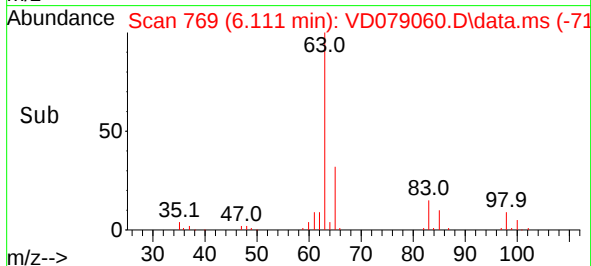
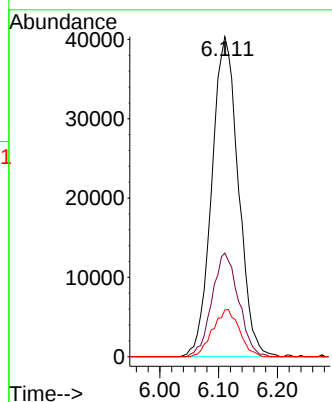
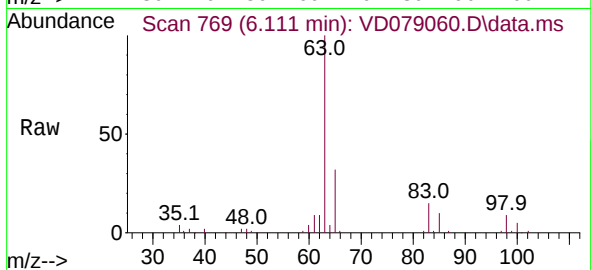
Tgt Ion: 63 Resp: 126861

Ion Ratio Lower Upper

63 100

65 32.4 22.8 42.4

83 14.6 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 25.857 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

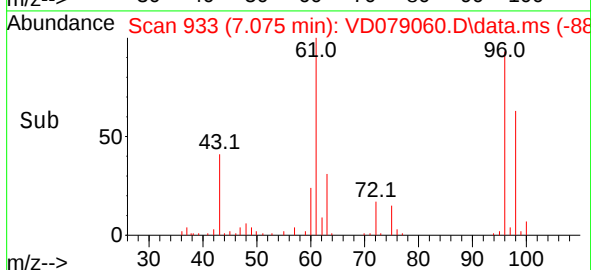
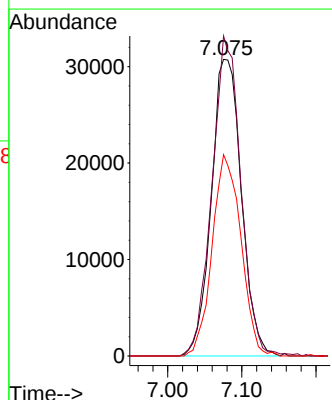
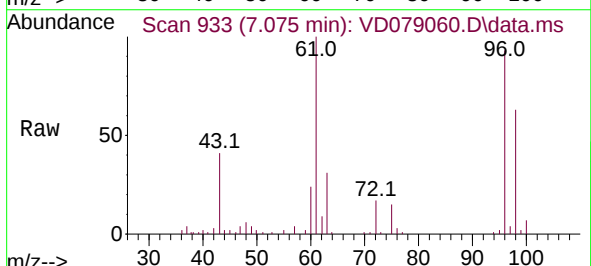
Tgt Ion: 96 Resp: 86559

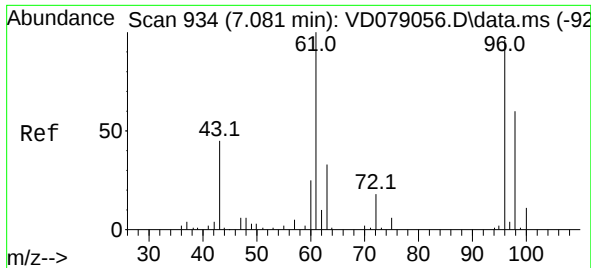
Ion Ratio Lower Upper

96 100

61 107.9 72.6 134.8

98 67.9 43.8 81.3





#22

2-Butanone

Concen: 51.181 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

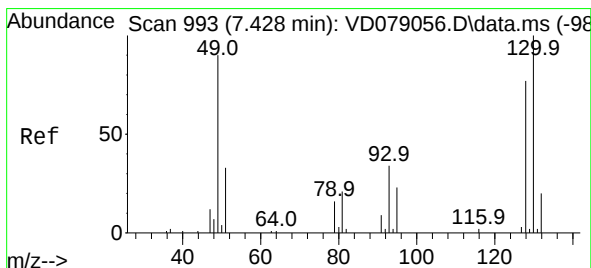
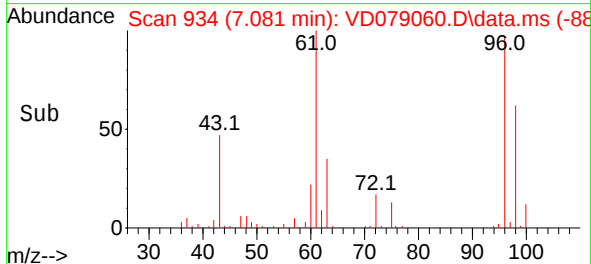
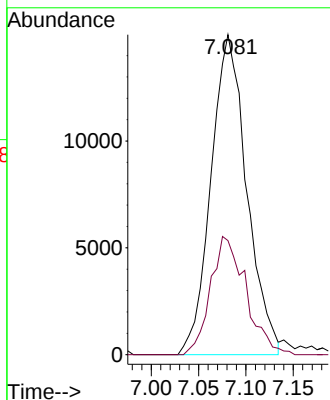
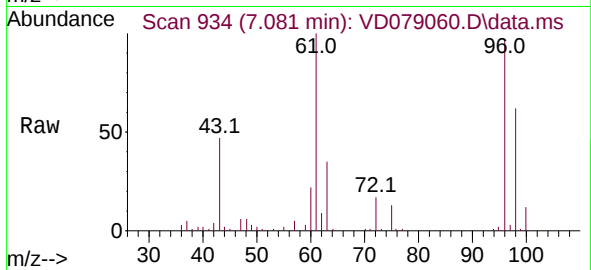
ClientSampleId :

Tgt Ion: 43 Resp: 39356

Ion Ratio Lower Upper

43 100

72 36.6 19.3 57.8



#23

Bromochloromethane

Concen: 24.629 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Tgt Ion:128 Resp: 41802

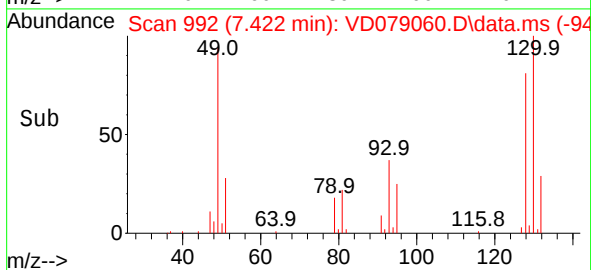
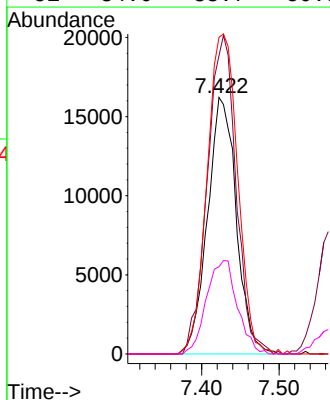
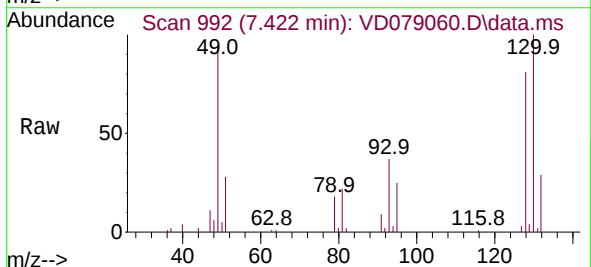
Ion Ratio Lower Upper

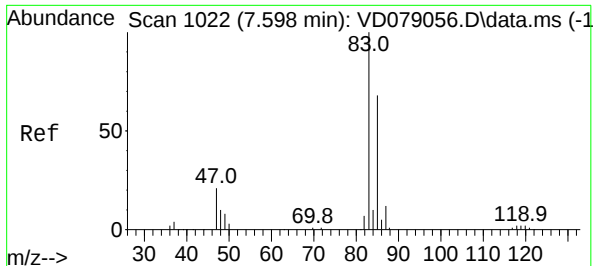
128 100

49 116.3 81.8 151.8

130 123.4 90.4 167.8

51 34.0 33.7 50.5





#25

Chloroform

Concen: 24.352 ug/L

RT: 7.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

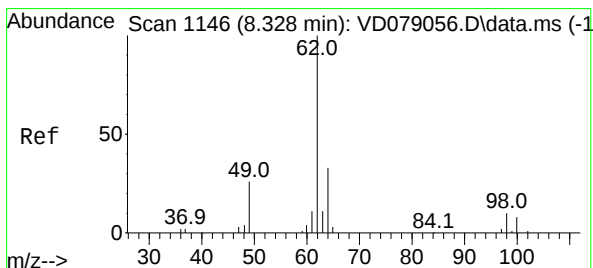
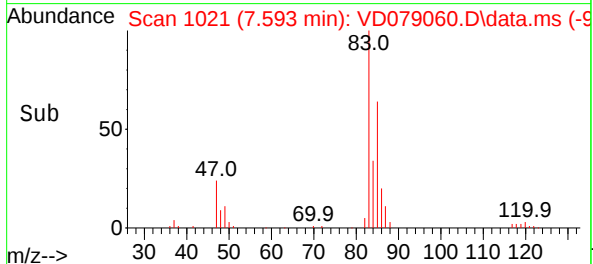
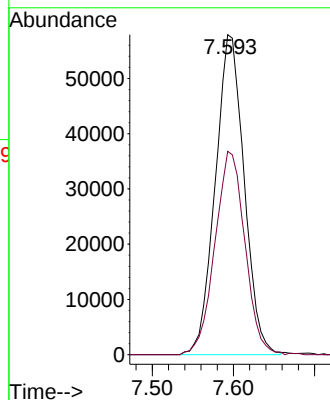
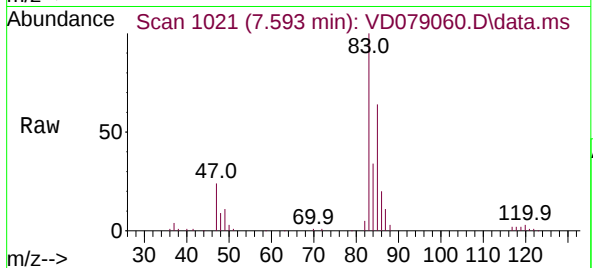
ClientSampleId :

Tgt Ion: 83 Resp: 143113

Ion Ratio Lower Upper

83 100

85 63.5 47.9 89.1



#27

1,2-Dichloroethane

Concen: 24.813 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD079060.D

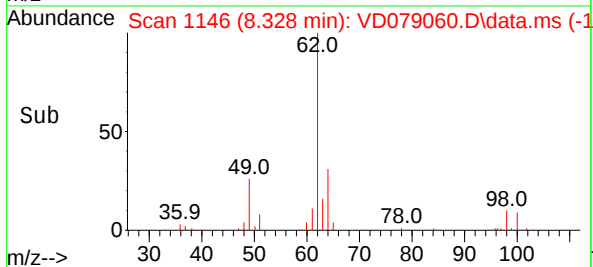
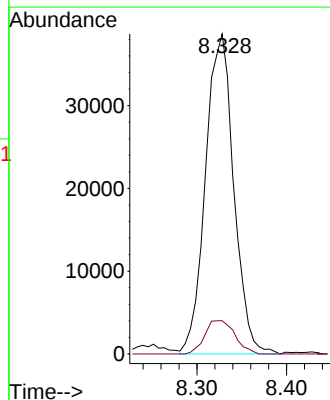
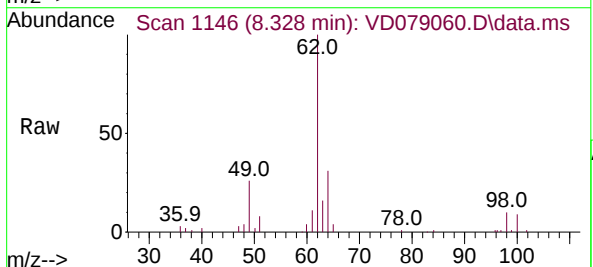
Acq: 29 May 2024 12:32

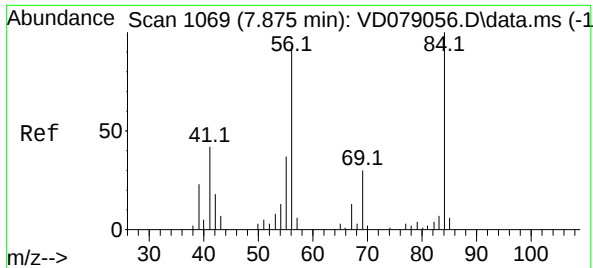
Tgt Ion: 62 Resp: 84650

Ion Ratio Lower Upper

62 100

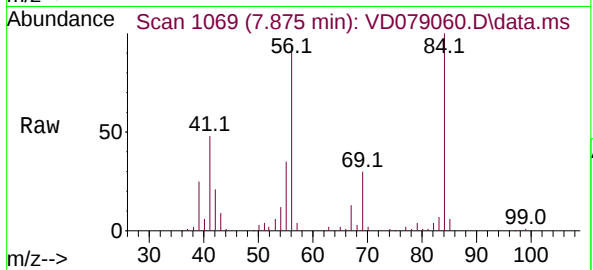
98 10.4 8.2 12.4



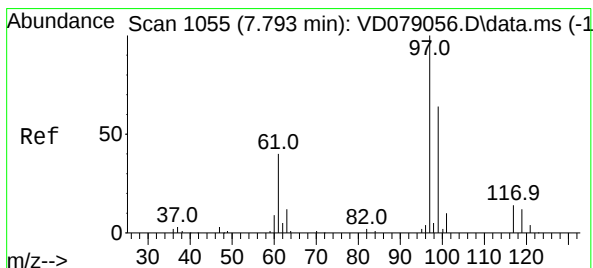
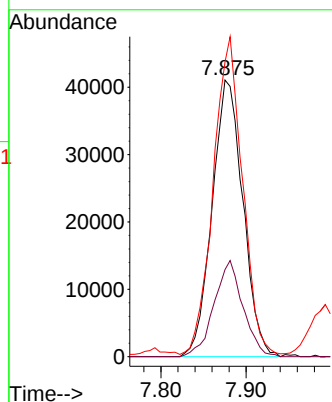
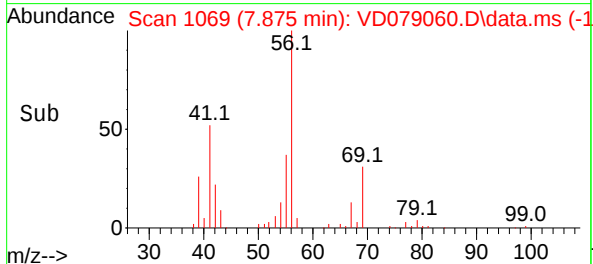


#29
Cyclohexane
Concen: 27.221 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Instrument :
MSVOA_D
ClientSampleId :

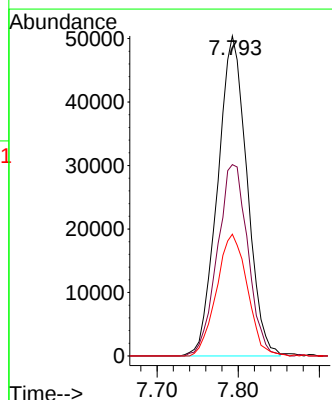
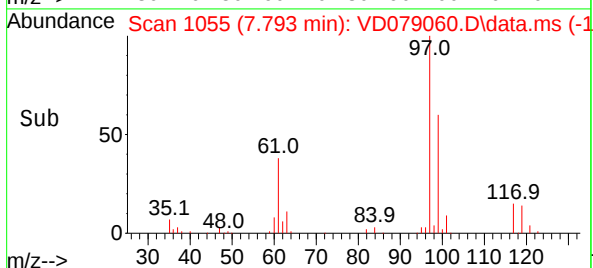
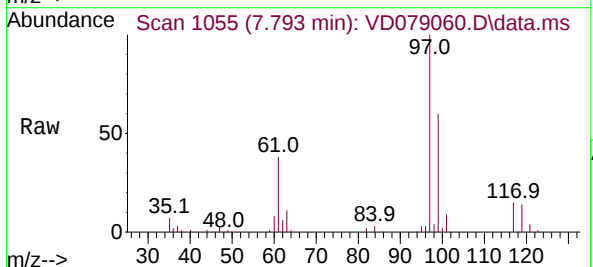


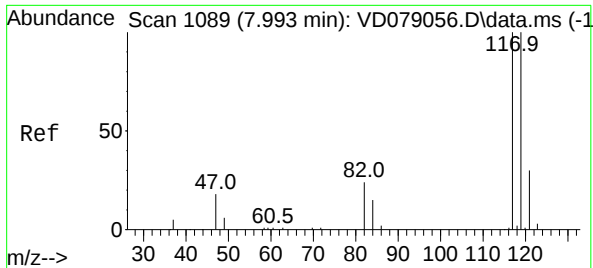
Tgt Ion: 56 Resp: 103106
Ion Ratio Lower Upper
56 100
69 32.7 26.6 40.0
84 110.6 87.5 131.3



#30
1,1,1-Trichloroethane
Concen: 25.562 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Tgt Ion: 97 Resp: 127053
Ion Ratio Lower Upper
97 100
99 62.0 52.3 78.5
61 39.7 31.7 47.5

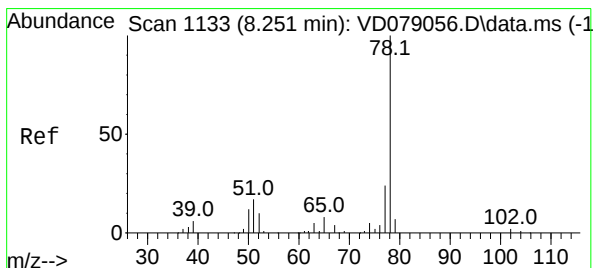
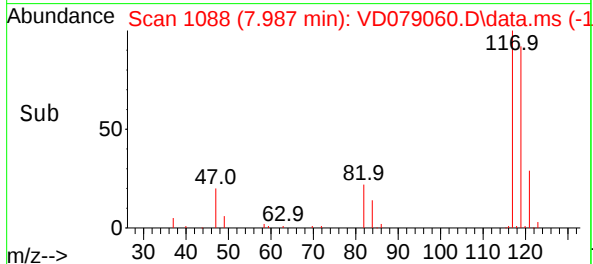
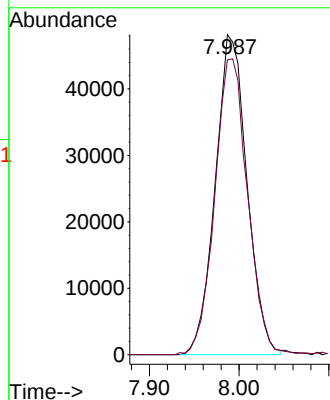
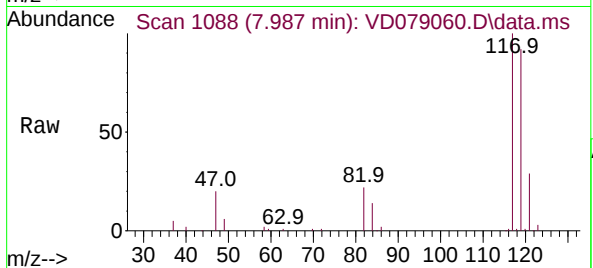




#31
Carbon tetrachloride
Concen: 25.593 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

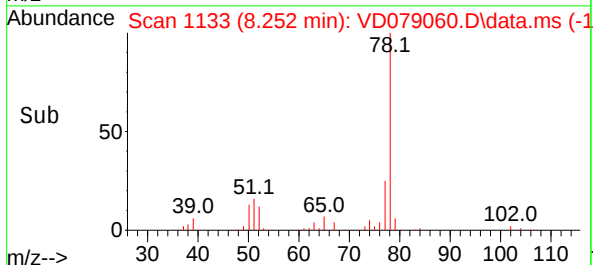
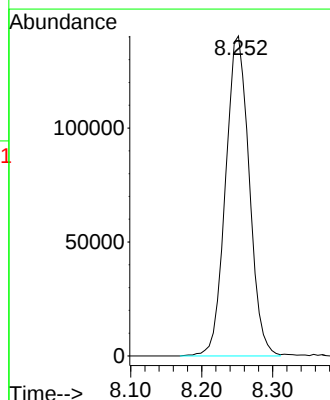
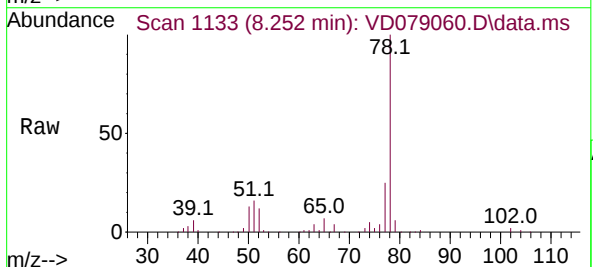
Instrument :
MSVOA_D
ClientSampleId :

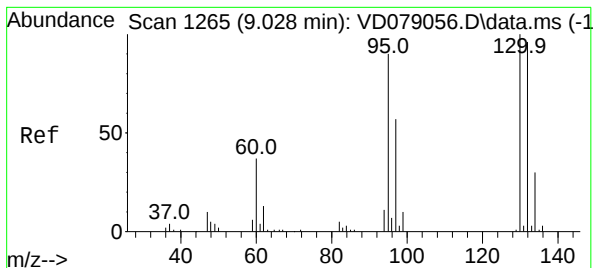
Tgt Ion:117 Resp: 118207
Ion Ratio Lower Upper
117 100
119 95.5 79.6 119.4



#33
Benzene
Concen: 25.970 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Tgt Ion: 78 Resp: 324719





#34

Trichloroethene

Concen: 25.843 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 83227

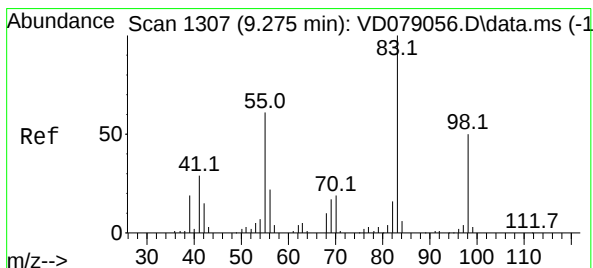
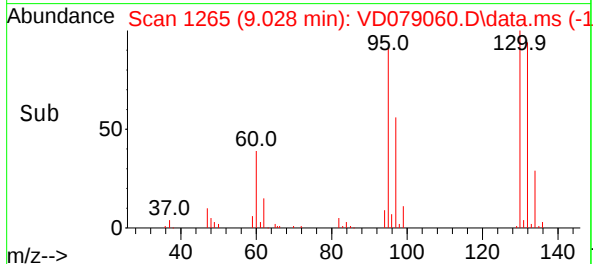
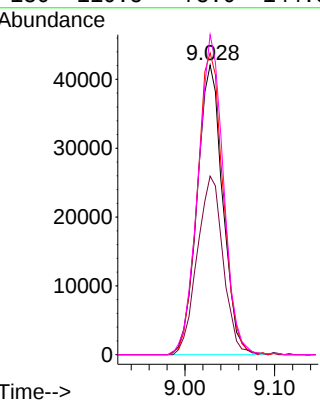
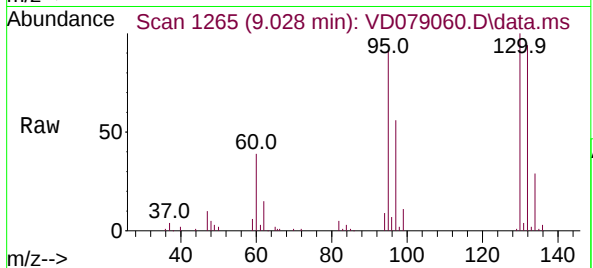
Ion Ratio Lower Upper

95 100

97 61.6 44.6 82.8

132 104.2 74.9 139.1

130 110.5 78.0 144.8



#35

Methylcyclohexane

Concen: 26.908 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

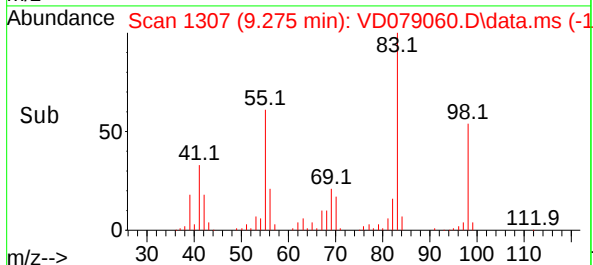
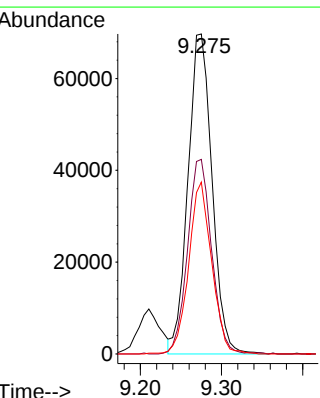
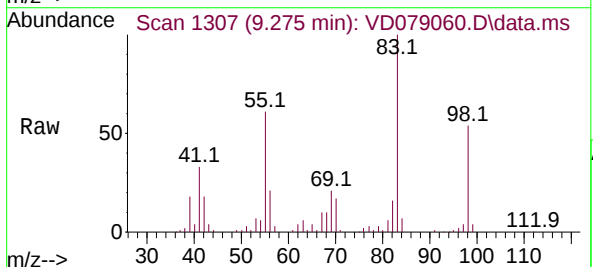
Tgt Ion: 83 Resp: 143586

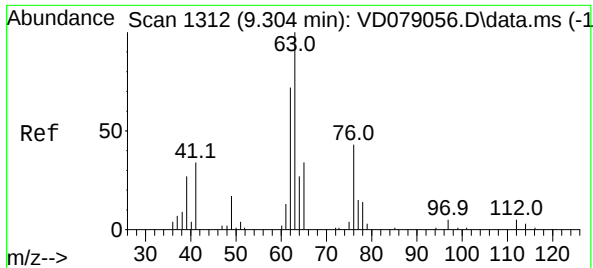
Ion Ratio Lower Upper

83 100

55 60.8 48.6 72.8

98 51.4 40.2 60.2

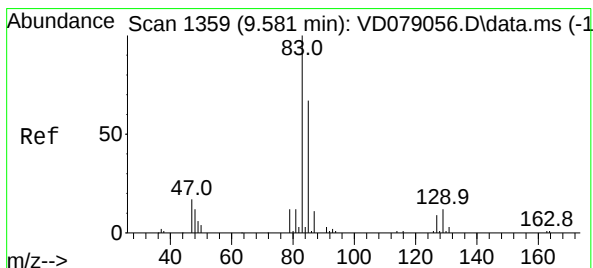
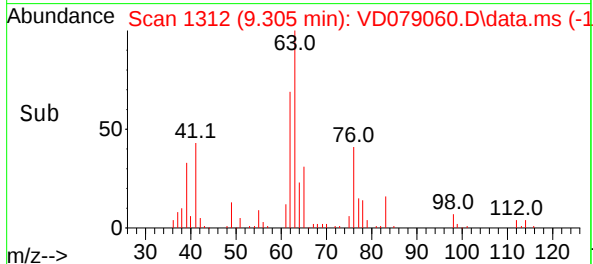
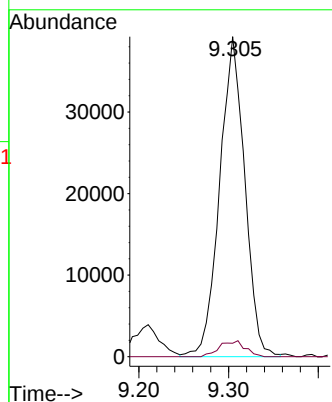
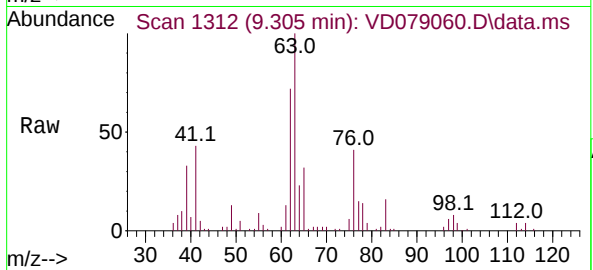




#37
1,2-Dichloropropane
Concen: 24.856 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

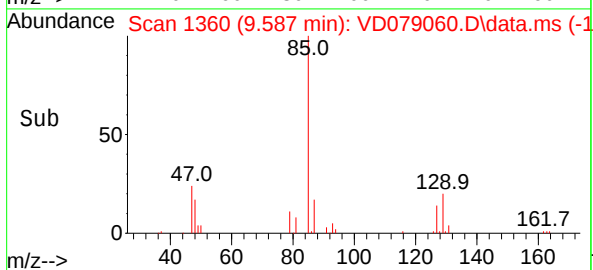
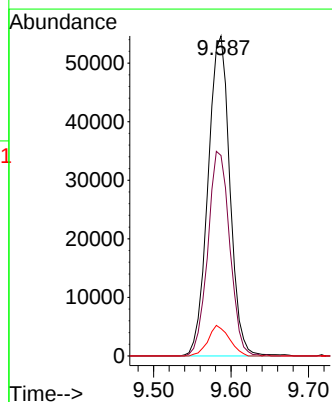
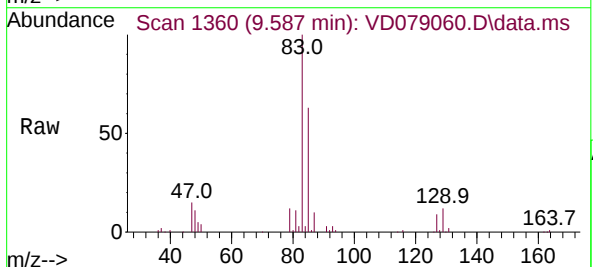
Instrument :
MSVOA_D
ClientSampleId :

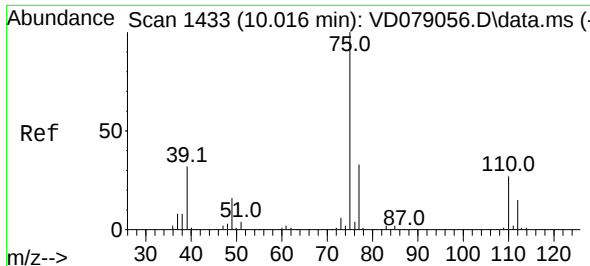
Tgt Ion: 63 Resp: 76126
Ion Ratio Lower Upper
63 100
112 2.1 3.9 5.9#



#38
Bromodichloromethane
Concen: 25.092 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Tgt Ion: 83 Resp: 106832
Ion Ratio Lower Upper
83 100
85 62.6 46.5 86.5
127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 25.318 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

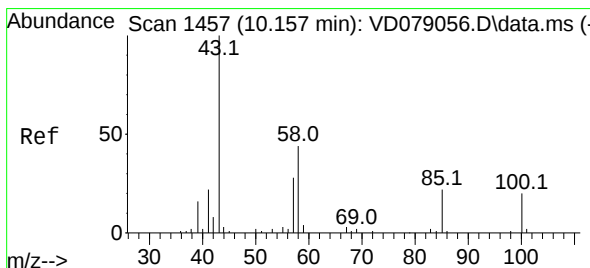
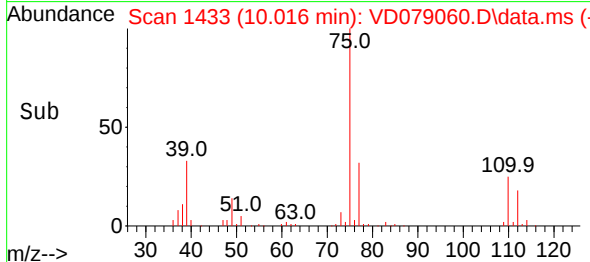
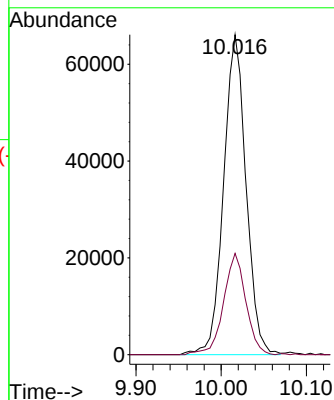
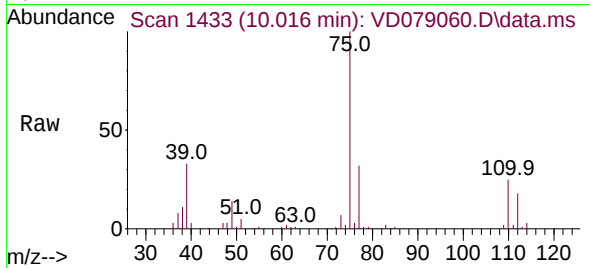
ClientSampleId :

Tgt Ion: 75 Resp: 121044

Ion Ratio Lower Upper

75 100

77 31.6 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 52.035 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

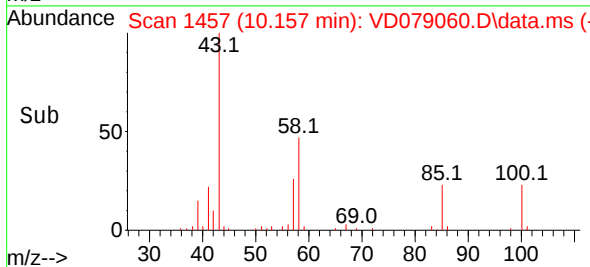
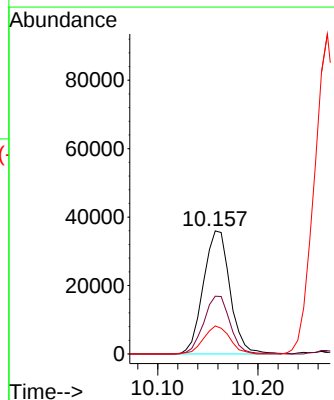
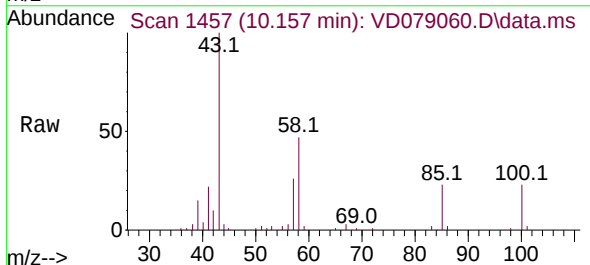
Tgt Ion: 43 Resp: 66527

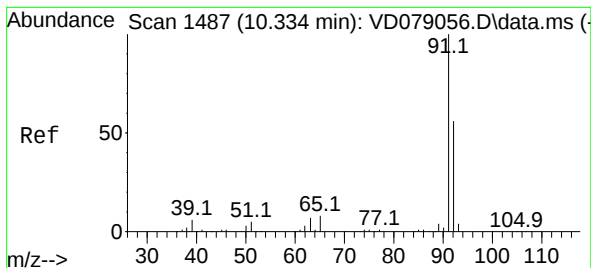
Ion Ratio Lower Upper

43 100

58 46.2 34.0 51.0

100 22.2 16.9 25.3





#42

Toluene

Concen: 26.216 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

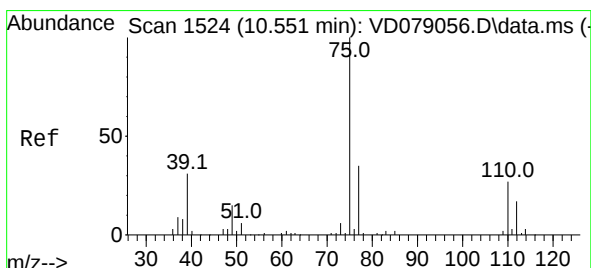
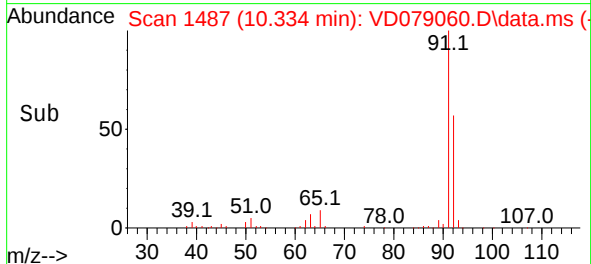
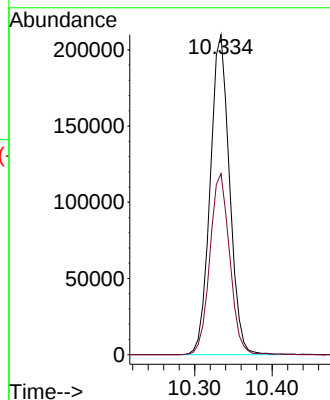
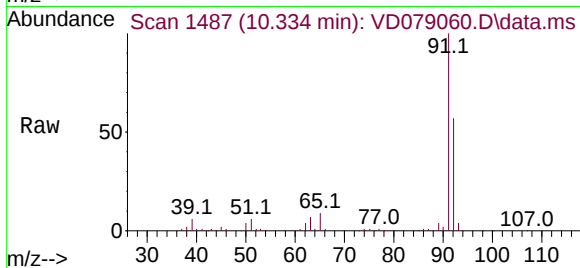
ClientSampleId :

Tgt Ion: 91 Resp: 363991

Ion Ratio Lower Upper

91 100

92 56.6 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 26.031 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079060.D

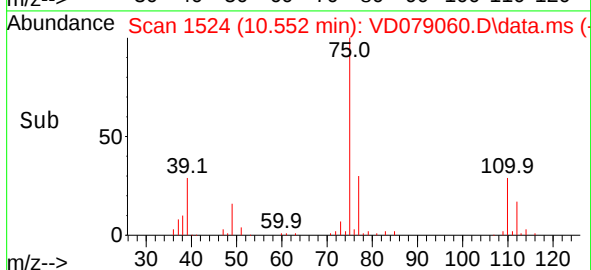
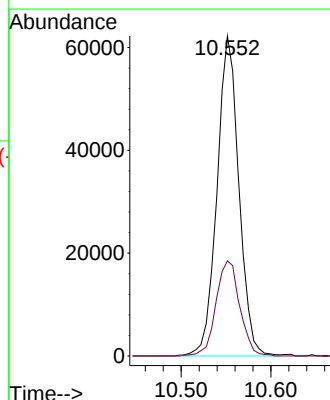
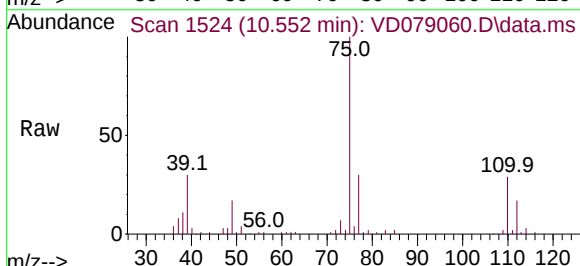
Acq: 29 May 2024 12:32

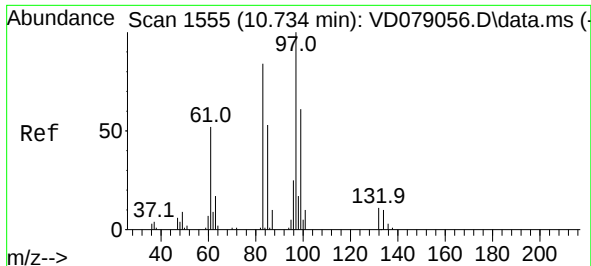
Tgt Ion: 75 Resp: 105243

Ion Ratio Lower Upper

75 100

77 29.7 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 24.738 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 66468

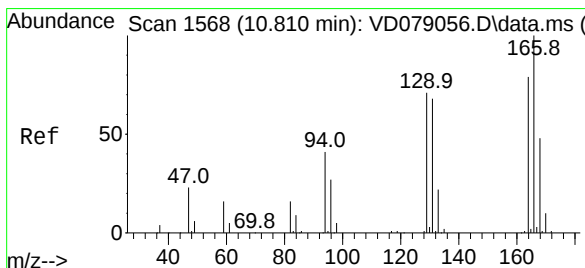
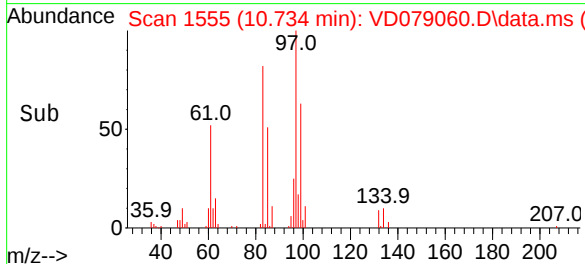
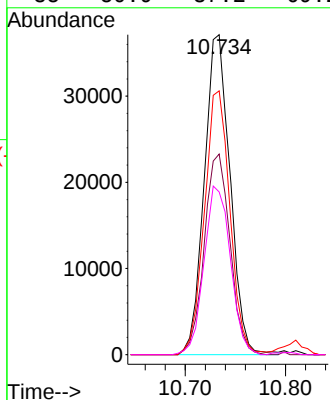
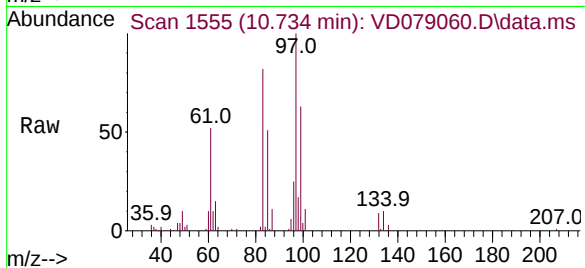
Ion Ratio Lower Upper

97 100

99 62.7 43.0 79.8

83 82.5 58.9 109.5

85 50.9 37.2 69.2



#46

Tetrachloroethene

Concen: 24.570 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Tgt Ion:164 Resp: 69671

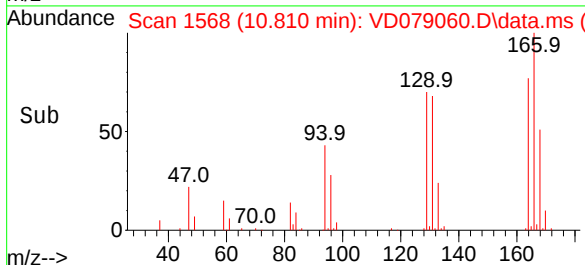
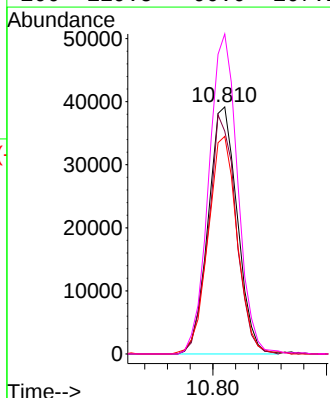
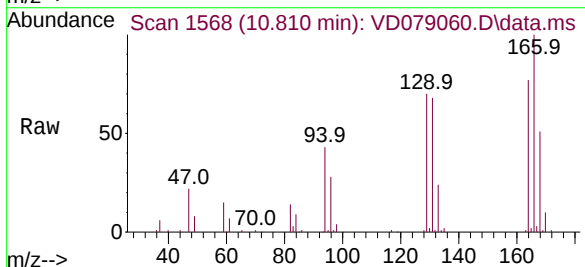
Ion Ratio Lower Upper

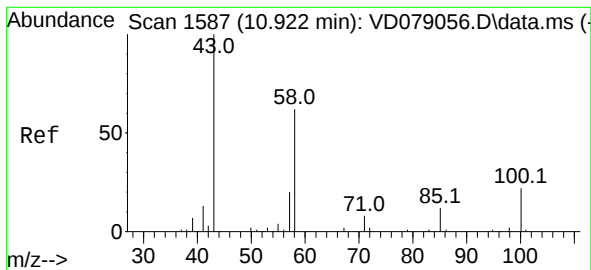
164 100

129 90.2 64.3 119.5

131 88.1 61.2 113.8

166 129.5 90.0 167.2





#48

2-Hexanone

Concen: 52.706 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

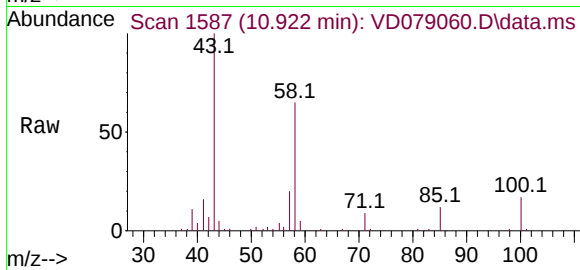
Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 58309

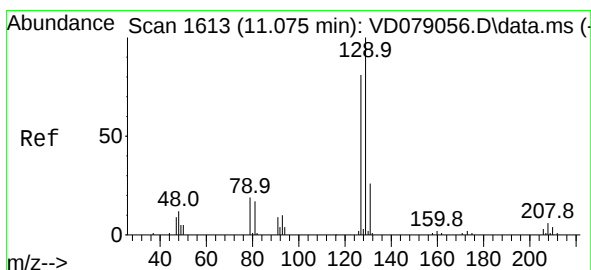
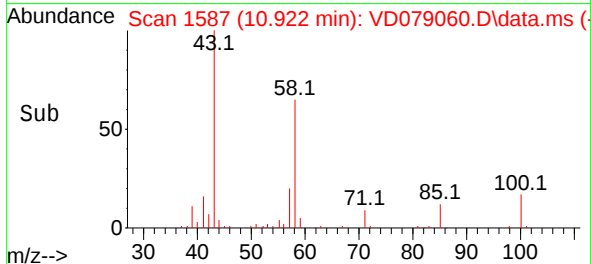
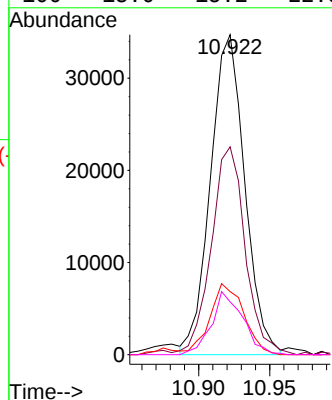
Ion Ratio Lower Upper

43 100

58 64.2 50.1 75.1

57 22.0 16.5 24.7

100 18.0 15.2 22.8



#49

Dibromochloromethane

Concen: 24.179 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD079060.D

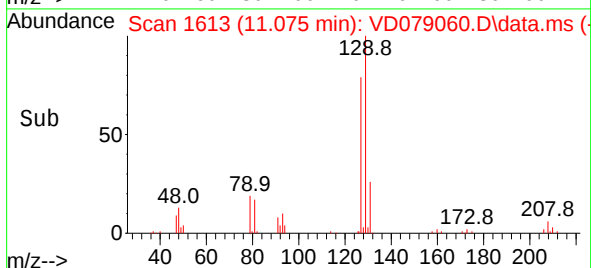
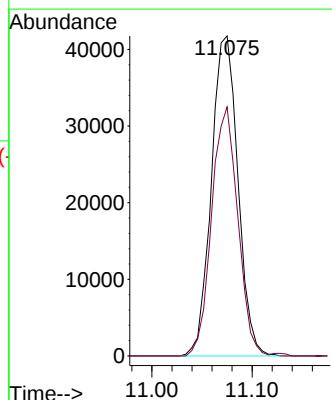
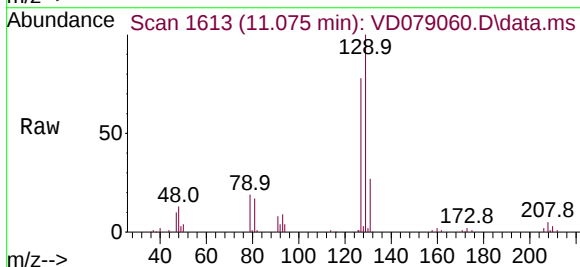
Acq: 29 May 2024 12:32

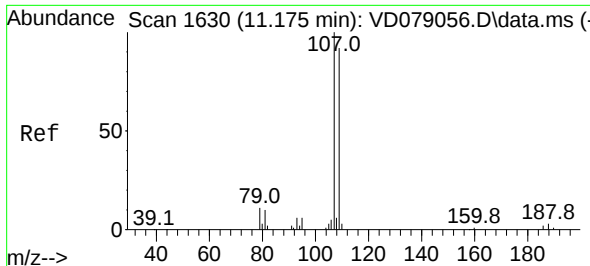
Tgt Ion:129 Resp: 76932

Ion Ratio Lower Upper

129 100

127 77.8 56.4 104.7





#50

1,2-Dibromoethane

Concen: 24.467 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

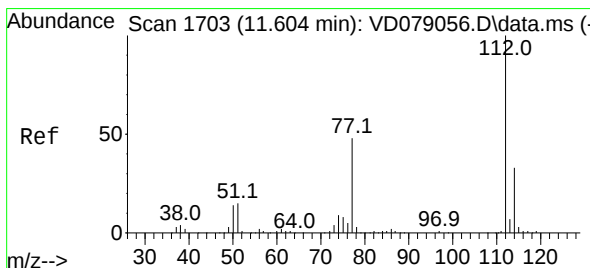
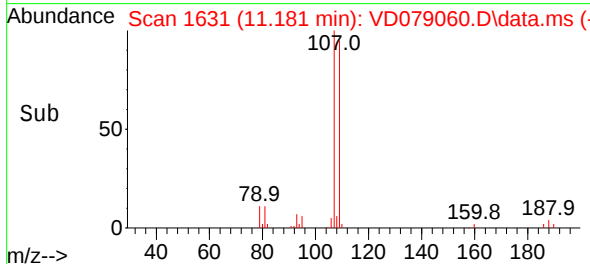
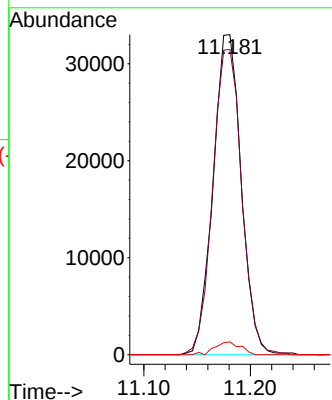
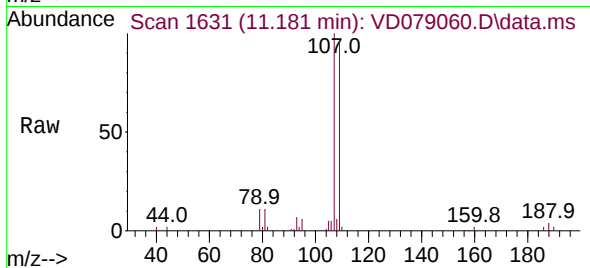
Tgt Ion:107 Resp: 60418

Ion Ratio Lower Upper

107 100

109 95.4 64.5 119.7

188 4.0 2.6 3.8#



#51

Chlorobenzene

Concen: 25.379 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

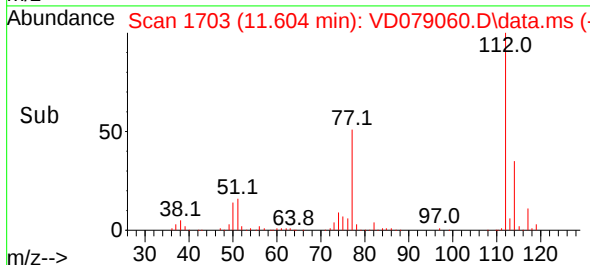
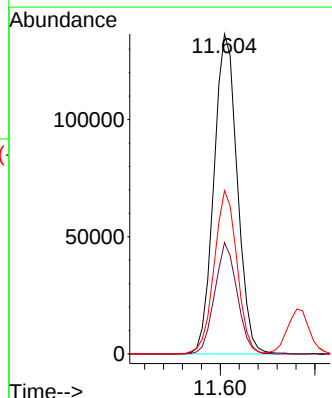
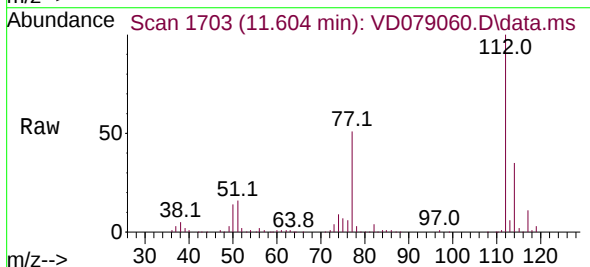
Tgt Ion:112 Resp: 234461

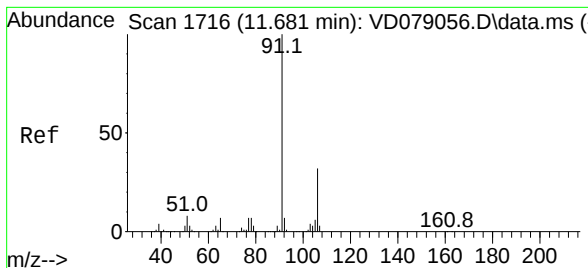
Ion Ratio Lower Upper

112 100

114 34.8 22.7 42.3

77 51.1 38.4 57.6





#52

Ethylbenzene

Concen: 26.517 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

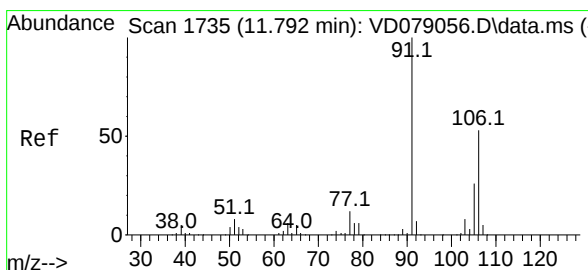
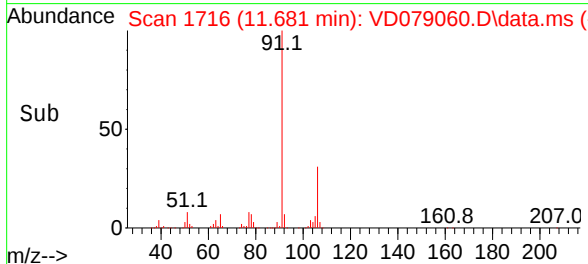
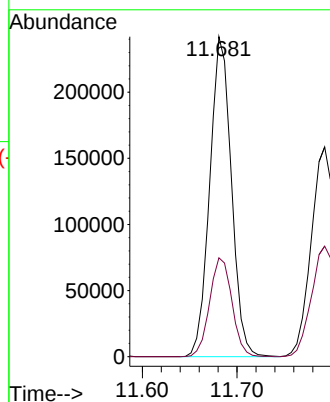
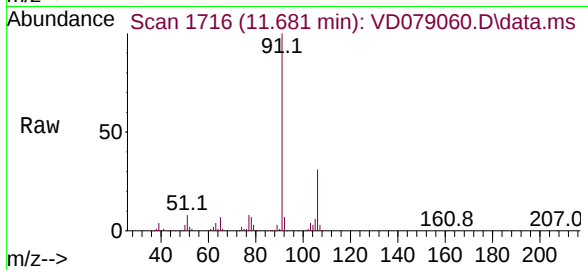
ClientSampleId :

Tgt Ion: 91 Resp: 384033

Ion Ratio Lower Upper

91 100

106 30.9 22.3 41.5



#53

m,p-Xylene

Concen: 27.317 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079060.D

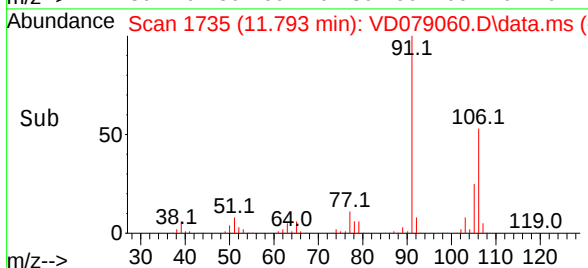
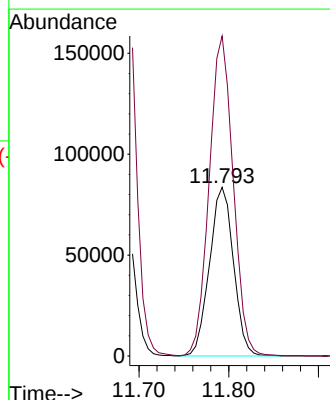
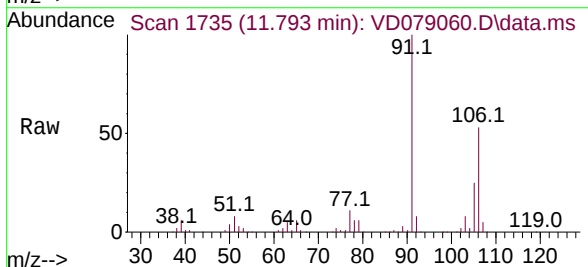
Acq: 29 May 2024 12:32

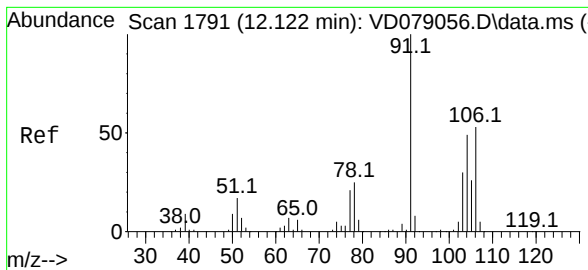
Tgt Ion:106 Resp: 155217

Ion Ratio Lower Upper

106 100

91 189.8 133.1 247.1

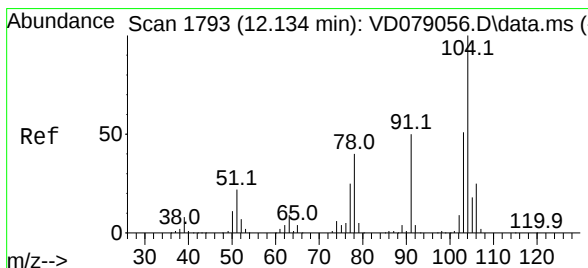
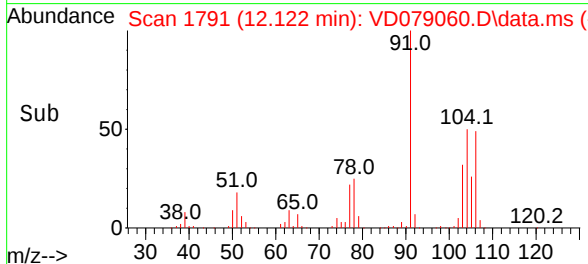
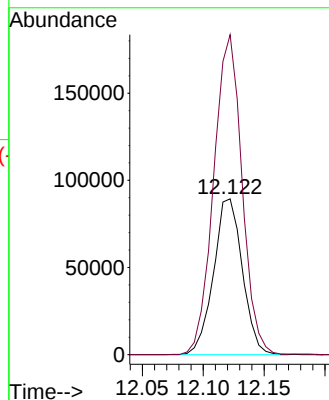
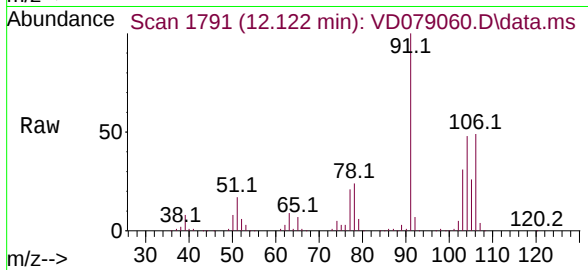




#54
o-Xylene
Concen: 26.792 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

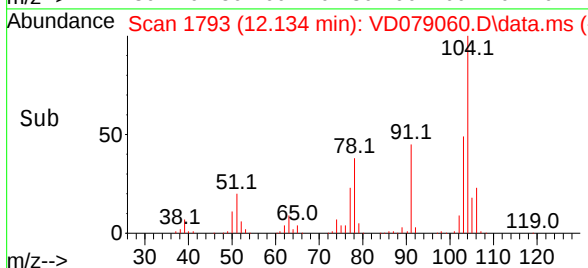
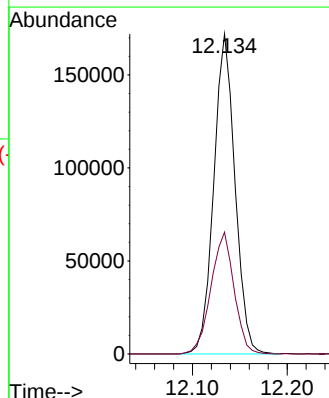
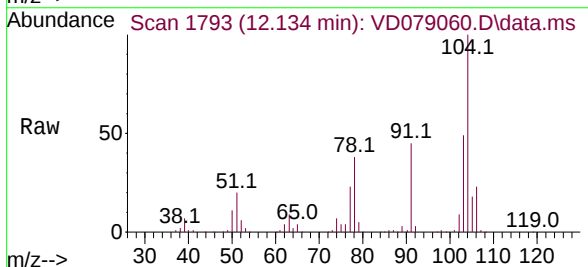
Instrument :
MSVOA_D
ClientSampleId :

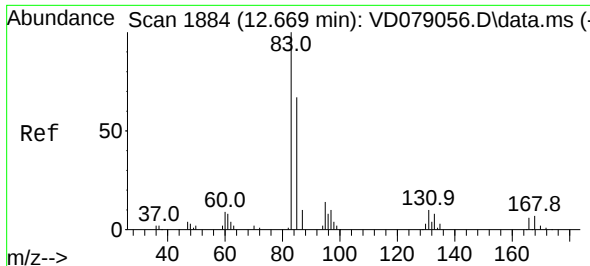
Tgt Ion:106 Resp: 147078
Ion Ratio Lower Upper
106 100
91 205.4 132.9 246.9



#55
Styrene
Concen: 27.494 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Tgt Ion:104 Resp: 267626
Ion Ratio Lower Upper
104 100
78 38.1 27.8 51.6

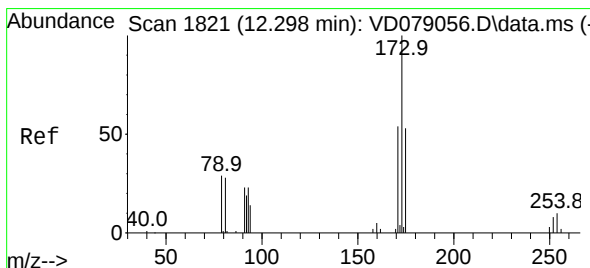
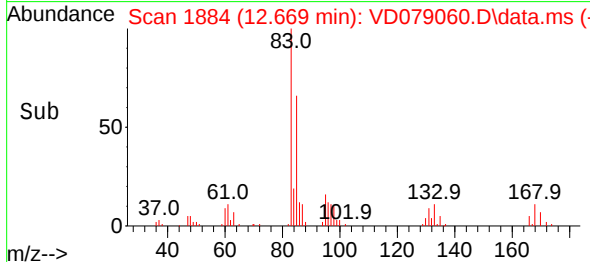
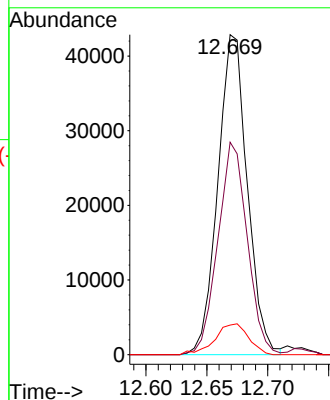
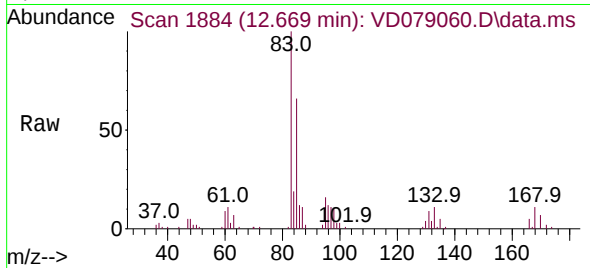




#57
1,1,2,2-Tetrachloroethane
Concen: 24.009 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

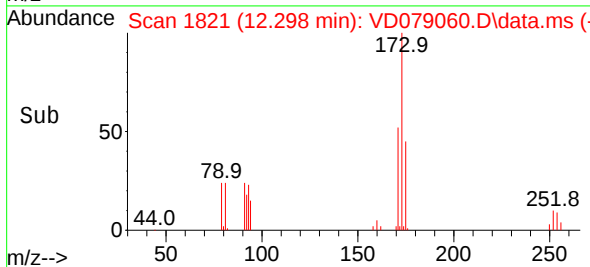
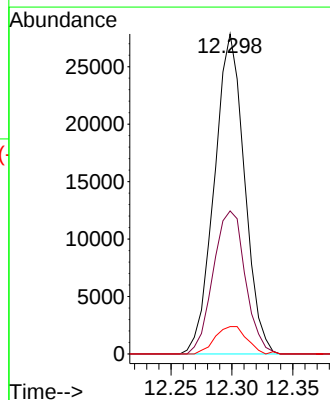
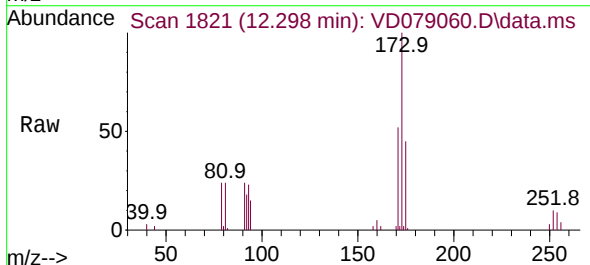
Instrument :
MSVOA_D
ClientSampleId :

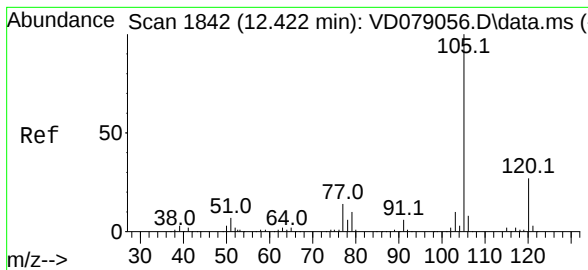
Tgt Ion: 83 Resp: 72210
Ion Ratio Lower Upper
83 100
85 66.4 47.5 88.1
131 9.2 8.6 13.0



#59
Bromoform
Concen: 24.113 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Tgt Ion:173 Resp: 47948
Ion Ratio Lower Upper
173 100
175 47.6 38.2 57.4
254 9.0 7.0 10.6





#60

Isopropylbenzene

Concen: 27.027 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

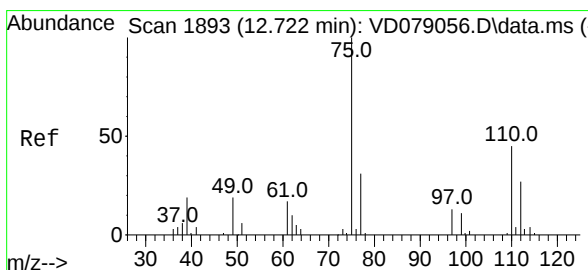
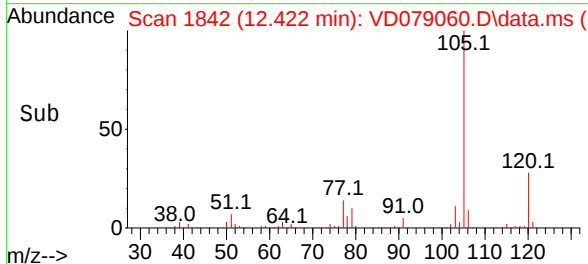
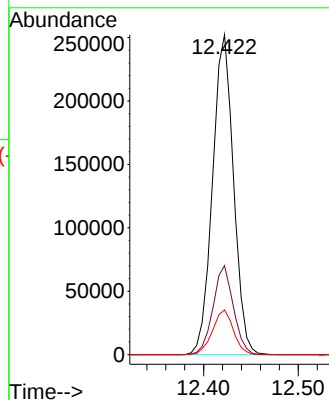
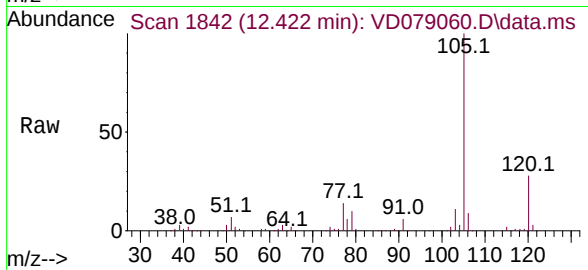
Tgt Ion:105 Resp: 387722

Ion Ratio Lower Upper

105 100

120 27.1 21.9 32.9

77 14.0 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 24.734 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

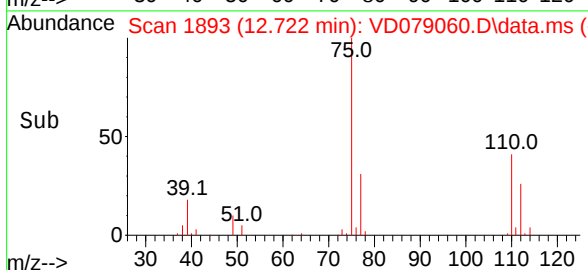
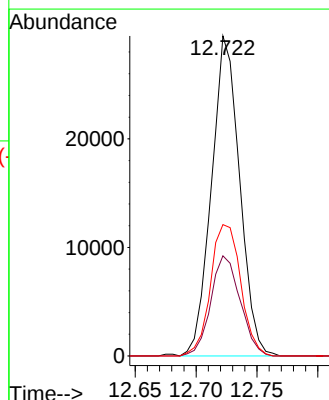
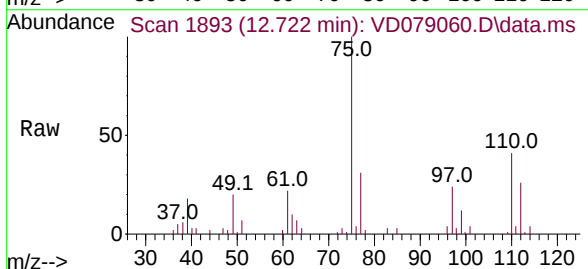
Tgt Ion: 75 Resp: 47377

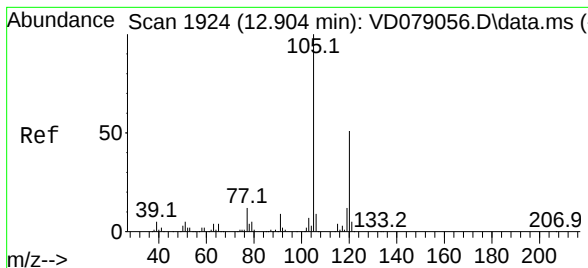
Ion Ratio Lower Upper

75 100

77 32.7 25.9 38.9

110 44.0 34.2 51.4

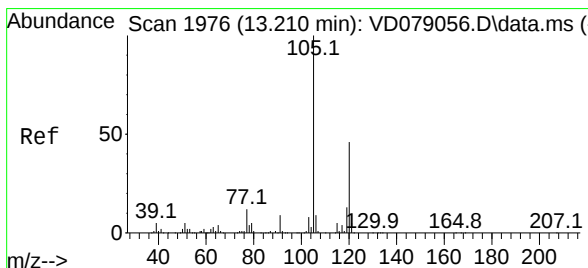
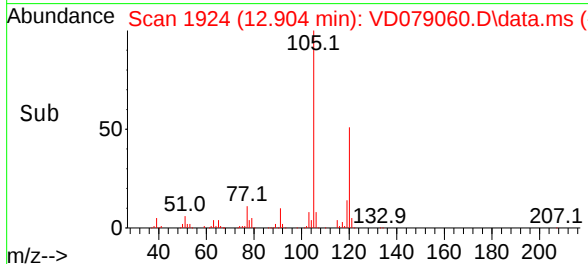
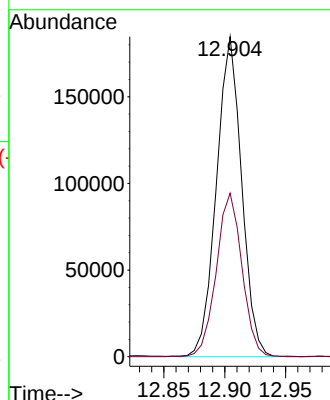
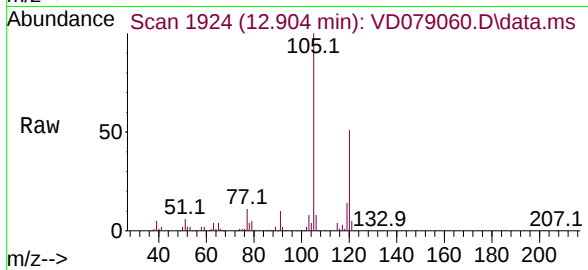




#62
1,3,5-Trimethylbenzene
Concen: 27.136 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

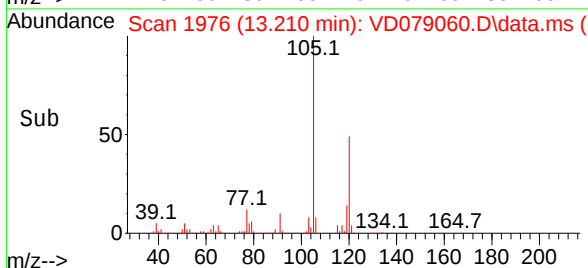
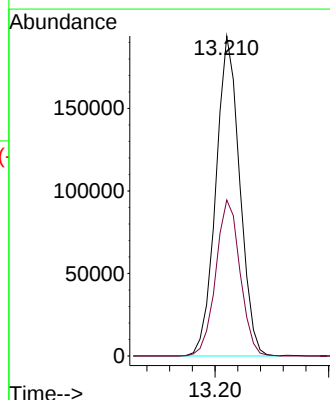
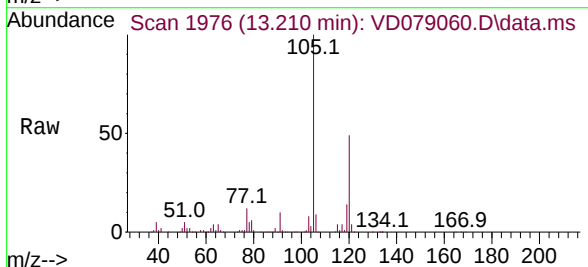
Instrument :
MSVOA_D
ClientSampleId :

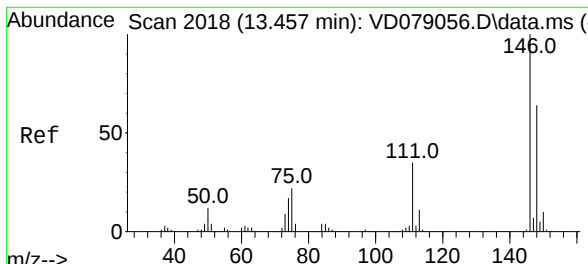
Tgt Ion:105 Resp: 266167
Ion Ratio Lower Upper
105 100
120 51.9 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 27.000 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

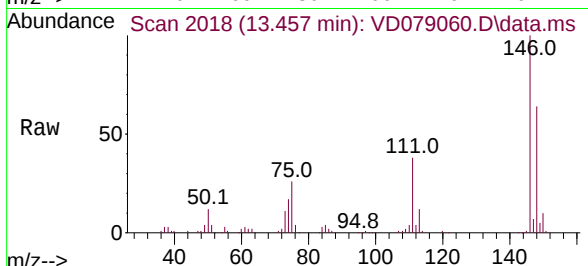
Tgt Ion:105 Resp: 283259
Ion Ratio Lower Upper
105 100
120 49.5 38.0 57.0



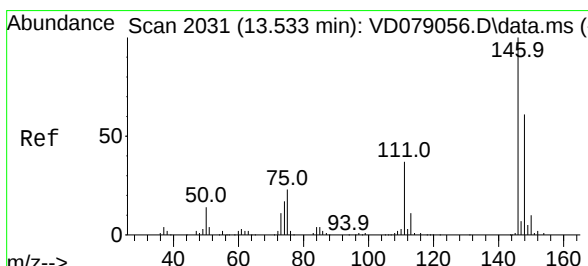
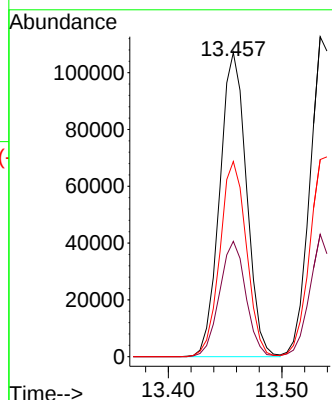
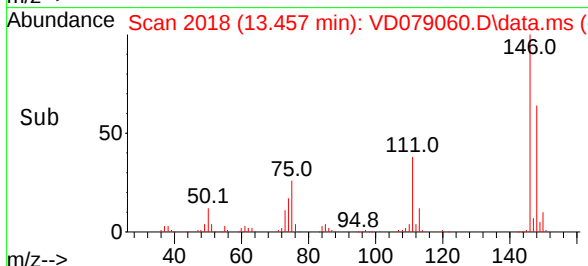


#64
 1,3-Dichlorobenzene
 Concen: 25.459 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079060.D
 Acq: 29 May 2024 12:32

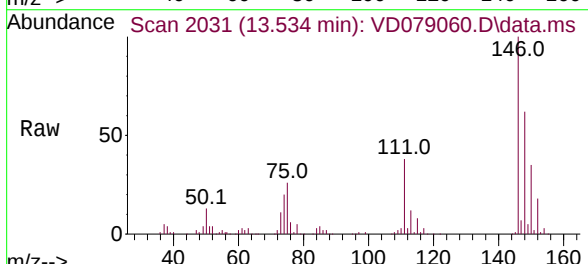
Instrument :
 MSVOA_D
 ClientSampleId :



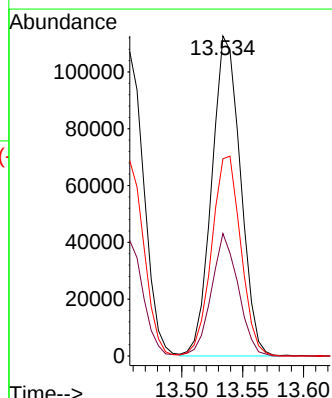
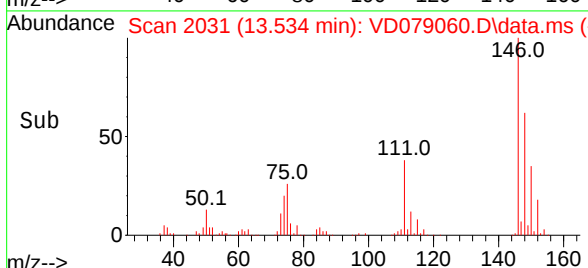
Tgt Ion:146 Resp: 175458
 Ion Ratio Lower Upper
 146 100
 111 37.9 24.4 45.4
 148 64.2 44.9 83.3

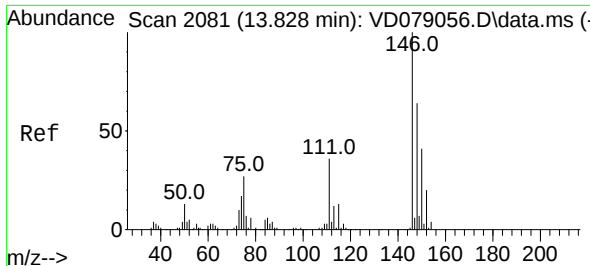


#65
 1,4-Dichlorobenzene
 Concen: 25.363 ug/L
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079060.D
 Acq: 29 May 2024 12:32



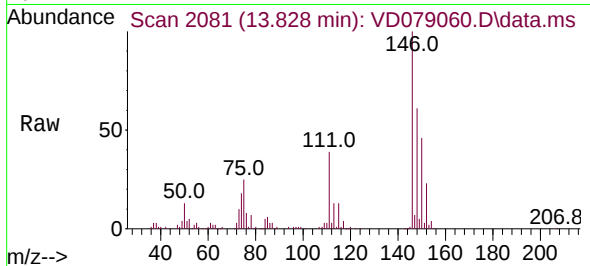
Tgt Ion:146 Resp: 185205
 Ion Ratio Lower Upper
 146 100
 111 38.2 26.3 48.9
 148 61.6 43.1 80.1



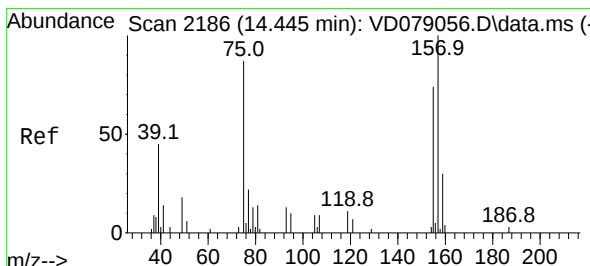
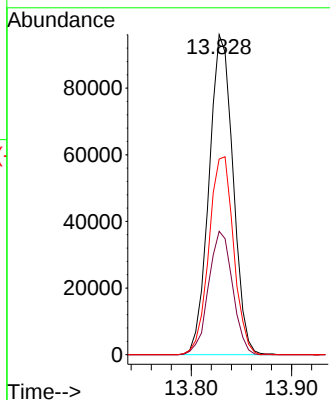
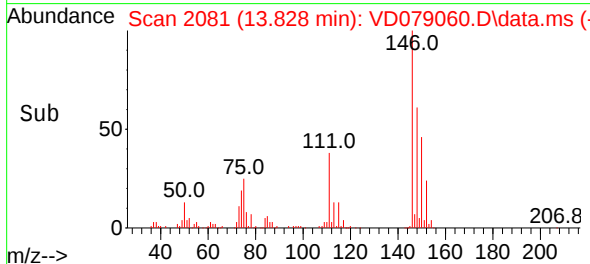


#67
1,2-Dichlorobenzene
Concen: 25.082 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

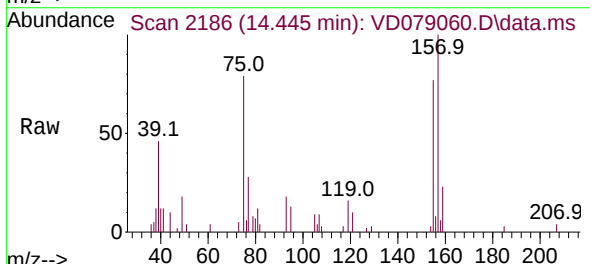
Instrument :
MSVOA_D
ClientSampleId :



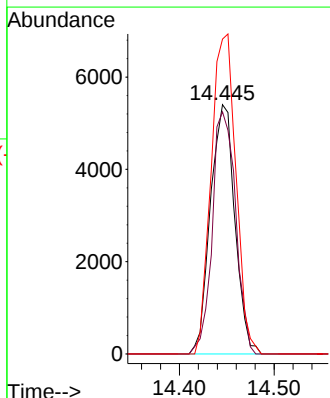
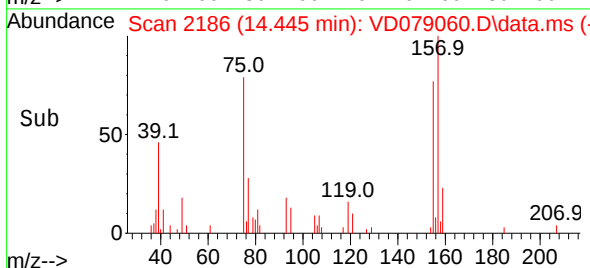
Tgt Ion:146 Resp: 159795
Ion Ratio Lower Upper
146 100
111 38.6 29.1 43.7
148 61.2 51.2 76.8

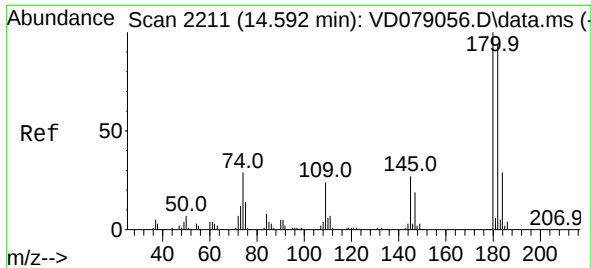


#68
1,2-Dibromo-3-chloropropane
Concen: 24.603 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32



Tgt Ion: 75 Resp: 9688
Ion Ratio Lower Upper
75 100
155 97.1 68.1 102.1
157 126.4 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 25.627 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

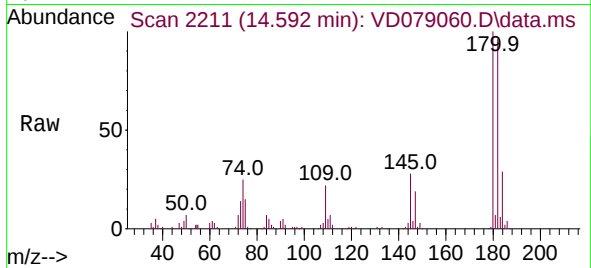
Lab File: VD079060.D

Acq: 29 May 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 111390

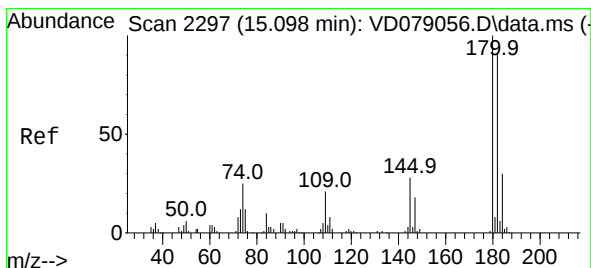
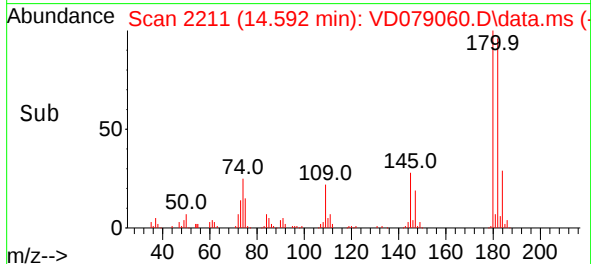
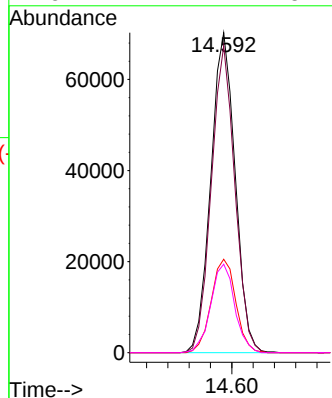
Ion Ratio Lower Upper

180 100

182 92.6 76.9 115.3

184 29.6 23.3 34.9

145 27.4 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 24.642 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079060.D

Acq: 29 May 2024 12:32

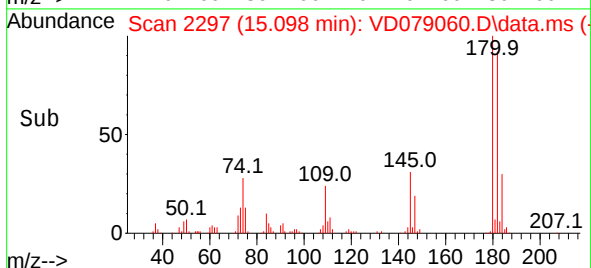
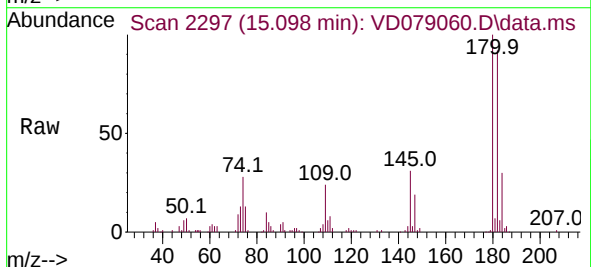
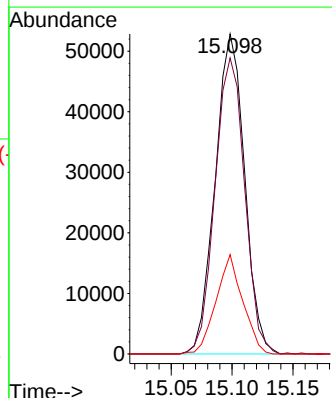
Tgt Ion:180 Resp: 88955

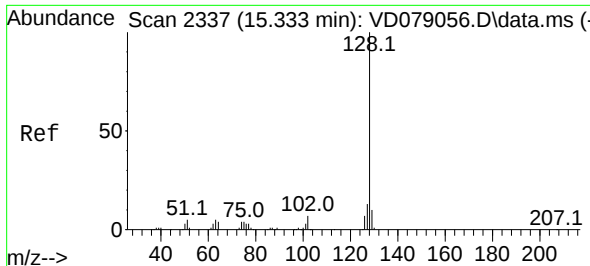
Ion Ratio Lower Upper

180 100

182 93.0 73.8 110.6

145 28.1 22.3 33.5

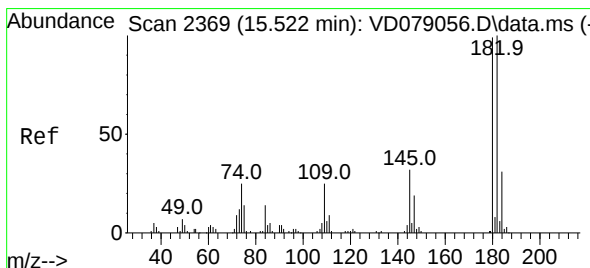
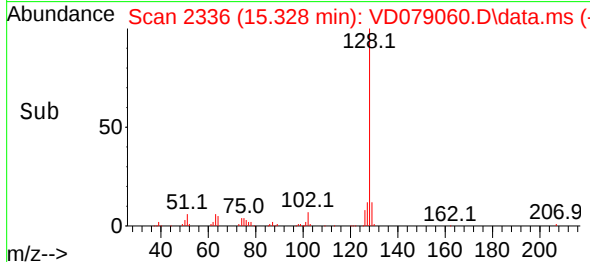
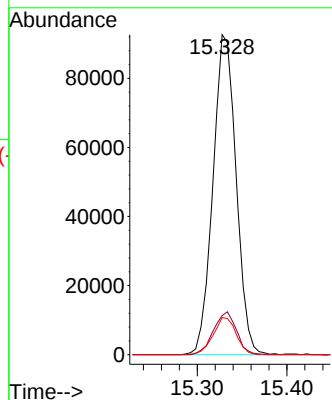
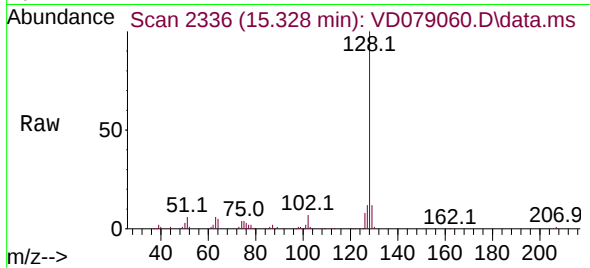




#71
Naphthalene
Concen: 24.646 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 166394
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.5 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.873 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079060.D
Acq: 29 May 2024 12:32

Tgt Ion:180 Resp: 80725
Ion Ratio Lower Upper
180 100
182 99.9 79.4 119.2
145 32.0 24.7 37.1

