

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
 Data File : VD079160.D
 Acq On : 10 Jun 2024 15:53
 Operator : RP/MD
 Sample : P2775-03MSD
 Misc : 5.48G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 11 02:49:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 02:46:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	150894	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	122394	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	40184	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	95088	20.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.920%
7) Chloroethane-d5	2.799	69	96610	21.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.080%
11) 1,1-Dichloroethene-d2	3.917	65	16219	19.676	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.720%
21) 2-Butanone-d5	6.987	46	6840	19.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.520%
24) Chloroform-d	7.569	84	93443	22.148	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	8.228	65	43351	22.274	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.080%
32) Benzene-d6	8.199	84	184892	27.250	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	9.210	67	51714	26.459	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.840%
41) Toluene-d8	10.269	98	153001	24.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.320%
43) trans-1,3-Dichloroprop...	10.522	79	19052	23.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.760%
47) 2-Hexanone-d5	10.875	63	10068	39.847	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.700%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	36189	20.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	27663	19.947	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	48899	20.471	ug/L	97
3) Chloromethane	2.146	50	92992	29.209	ug/L	100
5) Vinyl chloride	2.281	62	127799	24.321	ug/L	95
6) Bromomethane	2.693	94	86069	21.217	ug/L	99
8) Chloroethane	2.834	64	93849	24.368	ug/L	91
9) Trichlorofluoromethane	3.170	101	83355	20.823	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	48670	20.276	ug/L #	86
12) 1,1-Dichloroethene	3.940	96	45630	21.835	ug/L	90
13) Acetone	4.022	43	12664	24.629	ug/L	95
14) Carbon disulfide	4.269	76	146184	20.053	ug/L	98
15) Methyl Acetate	4.564	43	11608	16.569	ug/L	97
16) Methylene chloride	4.799	84	71760	26.690	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	52005	23.028	ug/L	90
18) Methyl tert-butyl Ether	5.316	73	91357	22.809	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	92703	25.496	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	57025	24.250	ug/L	96
22) 2-Butanone	7.087	43	16564	30.665	ug/L	98
23) Bromochloromethane	7.428	128	28450	23.863	ug/L	89
25) Chloroform	7.593	83	102580	24.849	ug/L	100

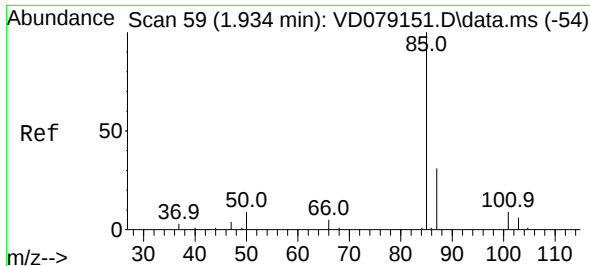
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 ClientSampleId :

Quant Time: Jun 11 02:49:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 02:46:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	56541	23.594	ug/L #	94
29) Cyclohexane	7.875	56	43214	19.569	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	81731	28.205	ug/L	98
31) Carbon tetrachloride	7.987	117	70401	26.144	ug/L	96
33) Benzene	8.252	78	220645	30.268	ug/L	100
34) Trichloroethene	9.028	95	48906	26.048	ug/L	97
35) Methylcyclohexane	9.269	83	43355	13.936	ug/L	98
37) 1,2-Dichloropropane	9.305	63	52504	29.405	ug/L	100
38) Bromodichloromethane	9.587	83	71153	28.665	ug/L	90
39) cis-1,3-Dichloropropene	10.016	75	70131	25.160	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	35810	48.043	ug/L	98
42) Toluene	10.334	91	216181	26.706	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	59395	25.199	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	40397	25.788	ug/L	96
46) Tetrachloroethene	10.810	164	33375	20.188	ug/L	95
48) 2-Hexanone	10.922	43	23029	35.704	ug/L	95
49) Dibromochloromethane	11.075	129	47003	25.338	ug/L	92
50) 1,2-Dibromoethane	11.175	107	35519	24.672	ug/L	95
51) Chlorobenzene	11.604	112	121021	22.470	ug/L	99
52) Ethylbenzene	11.681	91	183834	21.772	ug/L	99
53) m,p-Xylene	11.793	106	73163	22.085	ug/L	94
54) o-Xylene	12.122	106	70295	21.963	ug/L	98
55) Styrene	12.134	104	118874	20.947	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	36448	20.786	ug/L	92
59) Bromoform	12.298	173	24365	33.083	ug/L	99
60) Isopropylbenzene	12.422	105	150117	28.253	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	25645	36.148	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	86938	23.930	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	96789	24.909	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	60362	23.648	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	61017	22.560	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	49471	20.965	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	4066	27.879	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.592	180	21534	13.376	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	13977	10.454	ug/L #	83
71) Naphthalene	15.328	128	30409	12.161	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	10327	8.937	ug/L	96

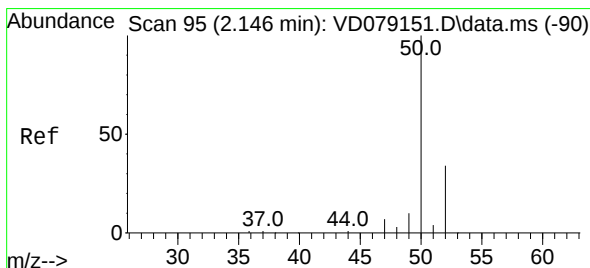
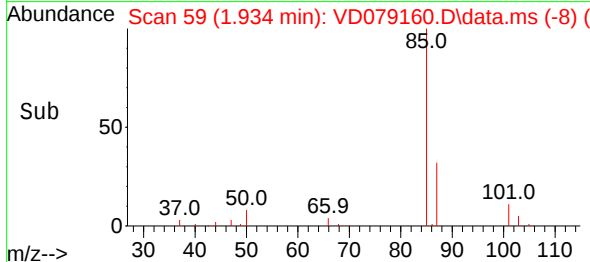
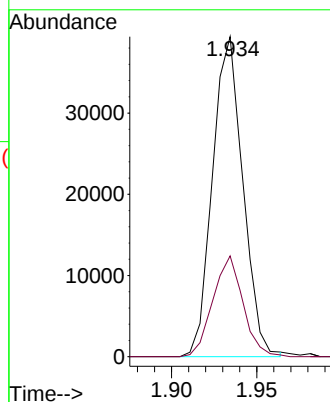
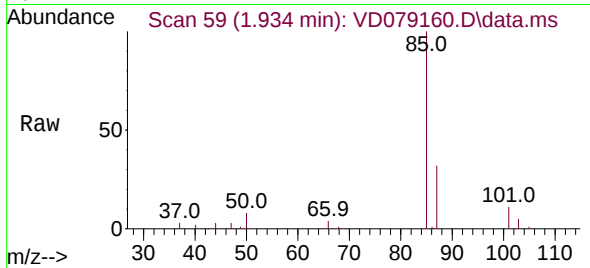
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 20.471 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079160.D
 Acq: 10 Jun 2024 15:53

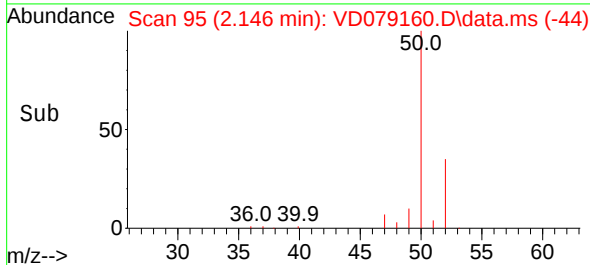
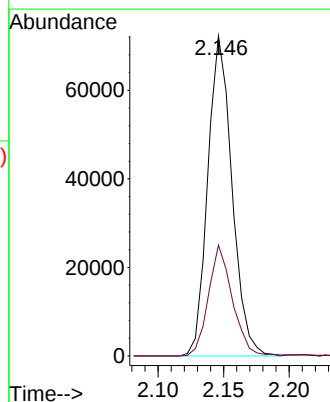
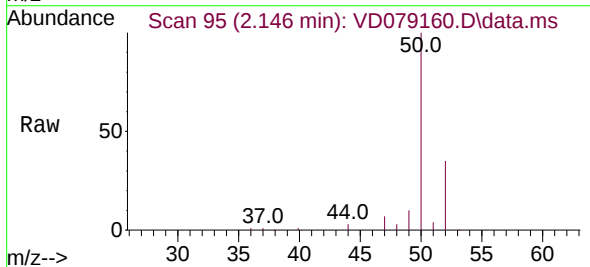
Instrument :
 MSVOA_D
 ClientSampleId :

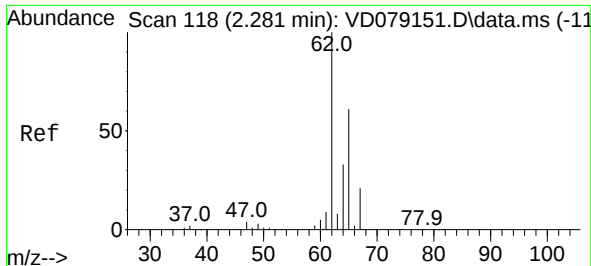
Tgt Ion: 85 Resp: 48899
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.2 39.4



#3
 Chloromethane
 Concen: 29.209 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079160.D
 Acq: 10 Jun 2024 15:53

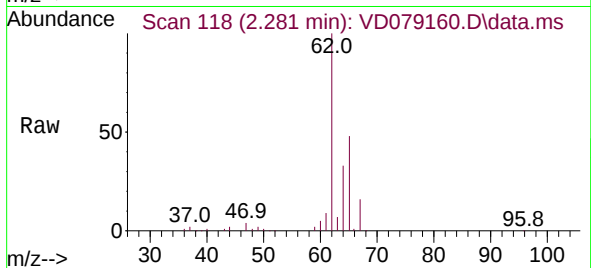
Tgt Ion: 50 Resp: 92992
 Ion Ratio Lower Upper
 50 100
 52 34.7 24.4 45.2



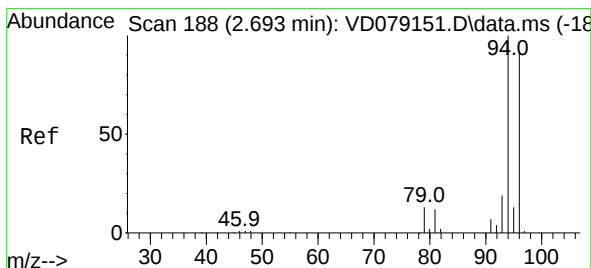
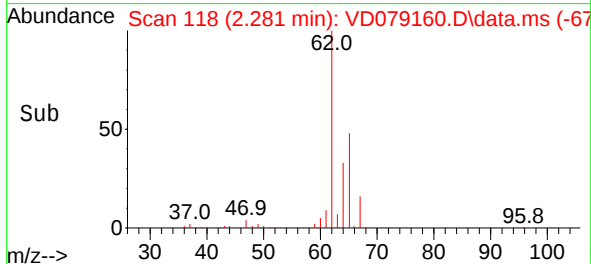
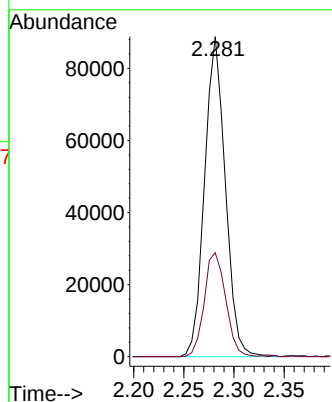


#5
 Vinyl chloride
 Concen: 24.321 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079160.D
 Acq: 10 Jun 2024 15:53

Instrument :
 MSVOA_D
 ClientSampleId :

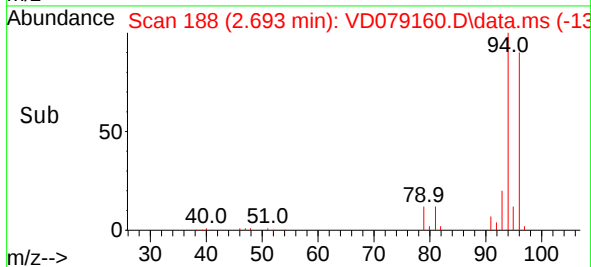
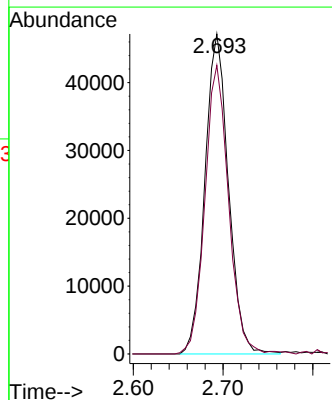
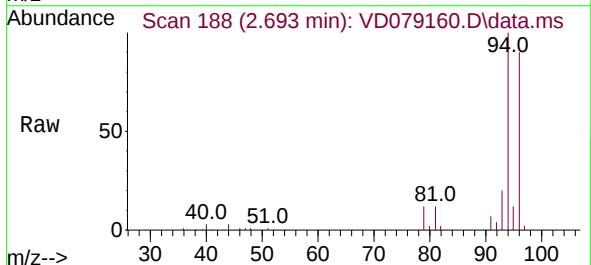


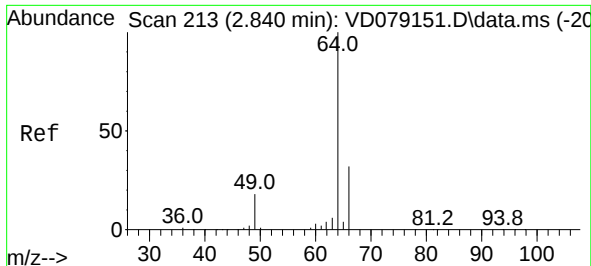
Tgt Ion: 62 Resp: 127799
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.8 46.1



#6
 Bromomethane
 Concen: 21.217 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079160.D
 Acq: 10 Jun 2024 15:53

Tgt Ion: 94 Resp: 86069
 Ion Ratio Lower Upper
 94 100
 96 90.2 63.6 118.2

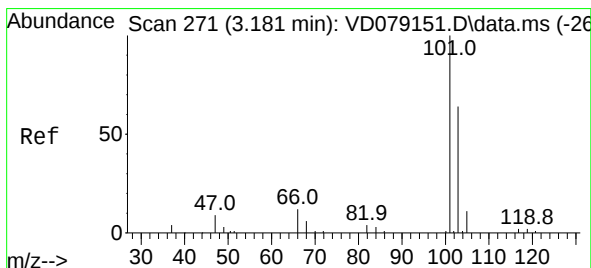
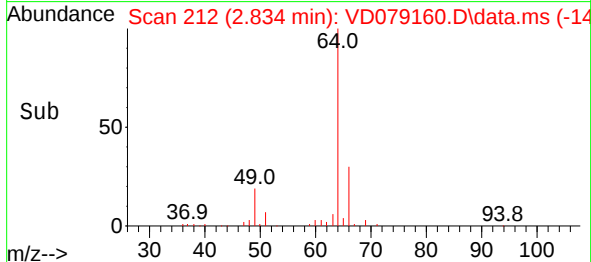
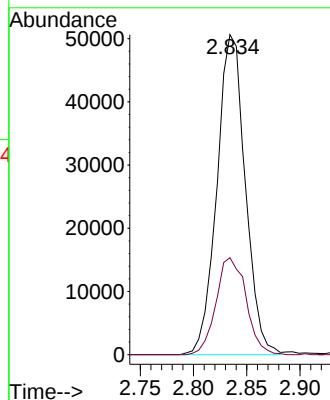
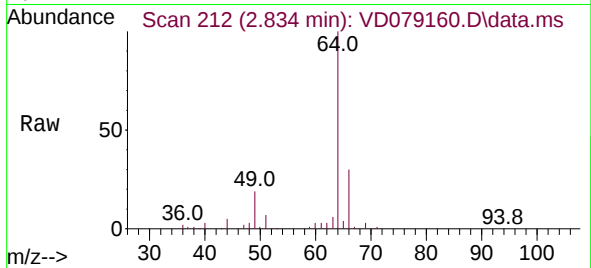




#8
Chloroethane
Concen: 24.368 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

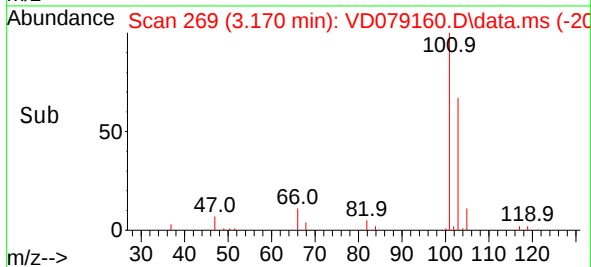
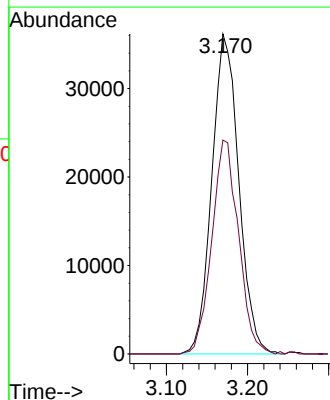
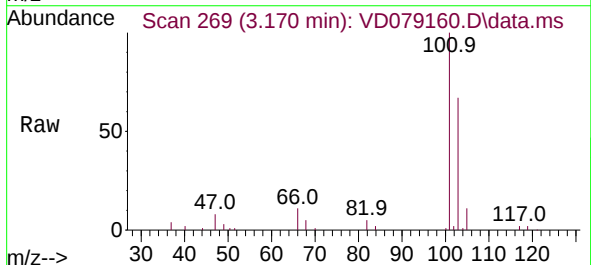
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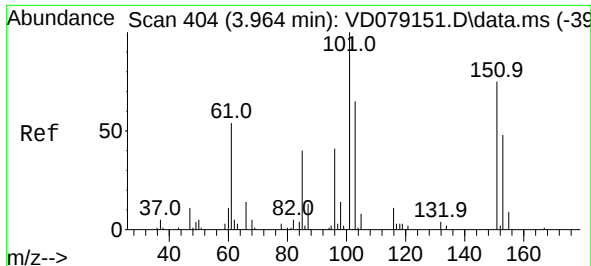
Tgt Ion: 64 Resp: 93849
Ion Ratio Lower Upper
64 100
66 30.3 24.8 46.1



#9
Trichlorofluoromethane
Concen: 20.823 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.012 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Tgt Ion:101 Resp: 83355
Ion Ratio Lower Upper
101 100
103 66.3 52.6 79.0

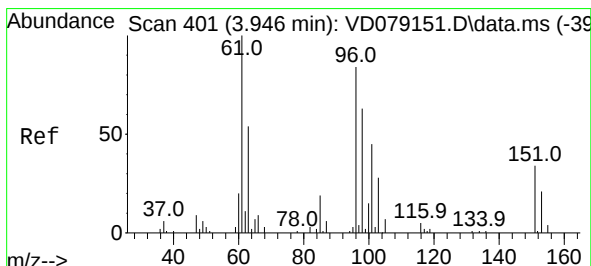
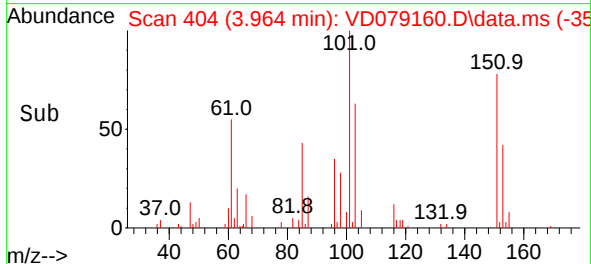
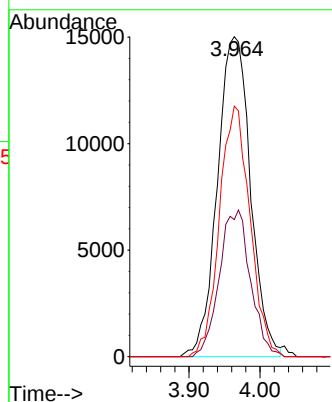
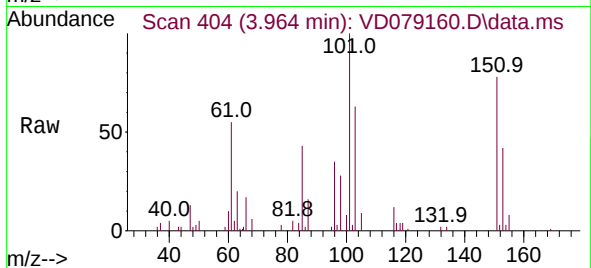




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.276 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD079160.D
 Acq: 10 Jun 2024 15:53

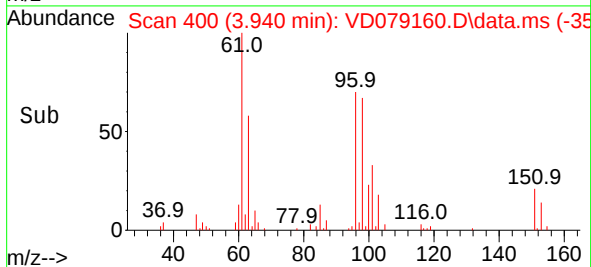
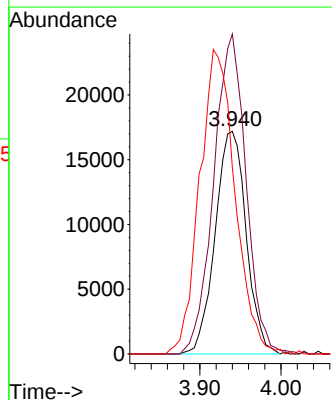
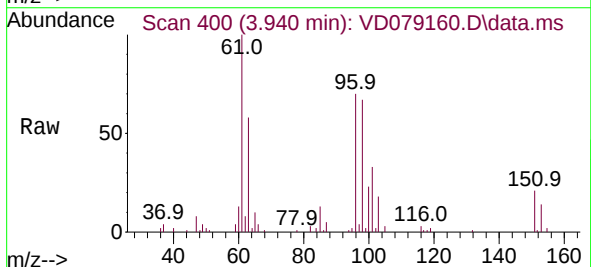
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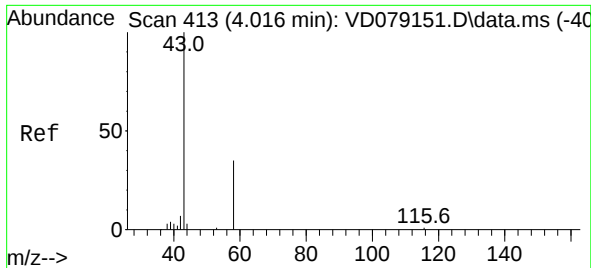
Tgt Ion:101 Resp: 48670
 Ion Ratio Lower Upper
 101 100
 85 22.9 35.4 53.0#
 151 72.1 59.1 88.7



#12
 1,1-Dichloroethene
 Concen: 21.835 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD079160.D
 Acq: 10 Jun 2024 15:53

Tgt Ion: 96 Resp: 45630
 Ion Ratio Lower Upper
 96 100
 61 143.7 93.9 174.3
 63 83.8 67.7 125.7





#13

Acetone

Concen: 24.629 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

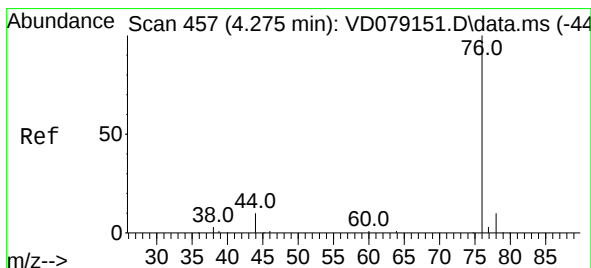
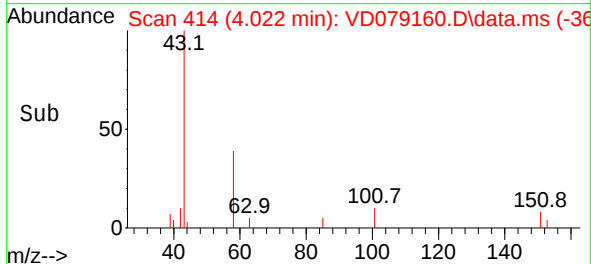
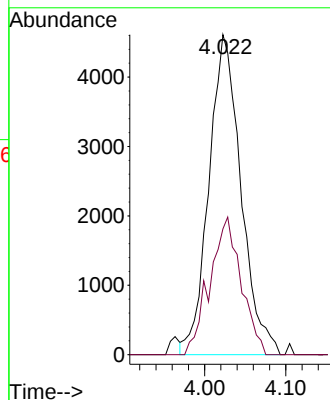
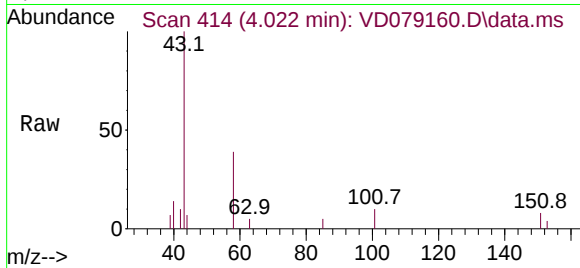
ClientSampleId :

Tgt Ion: 43 Resp: 12664

Ion Ratio Lower Upper

43 100

58 42.1 0.0 78.2



#14

Carbon disulfide

Concen: 20.053 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD079160.D

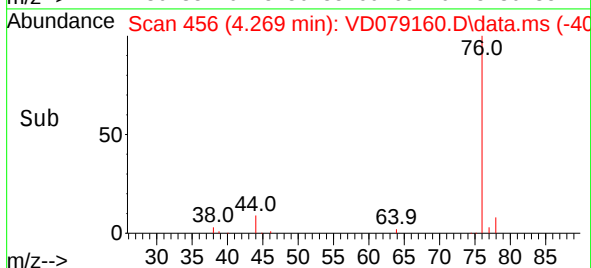
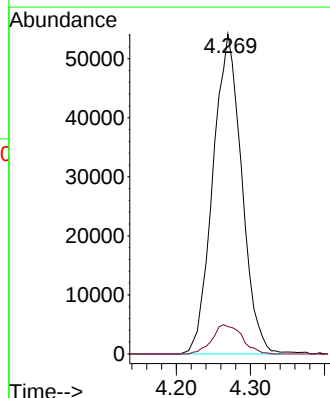
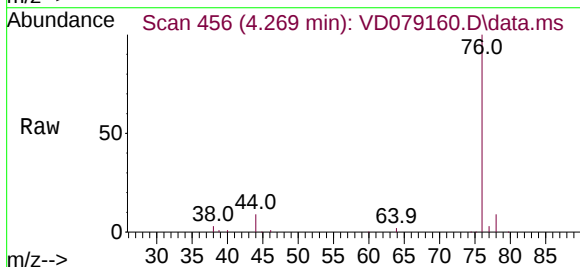
Acq: 10 Jun 2024 15:53

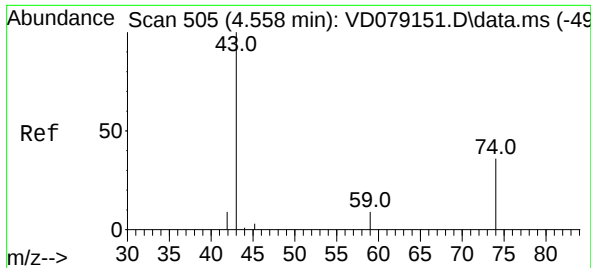
Tgt Ion: 76 Resp: 146184

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

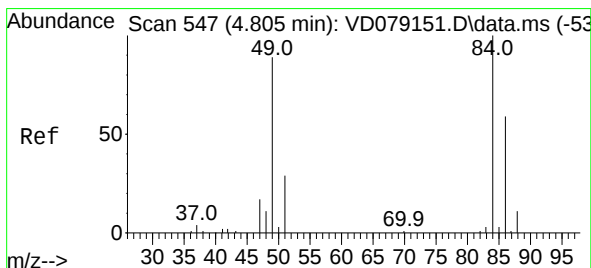
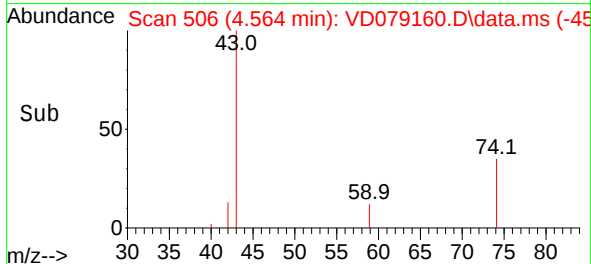
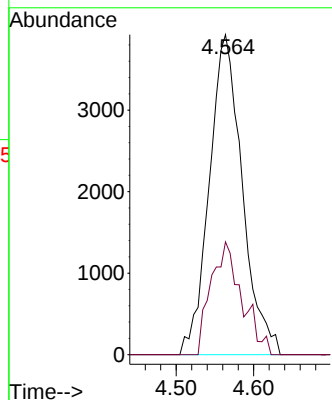
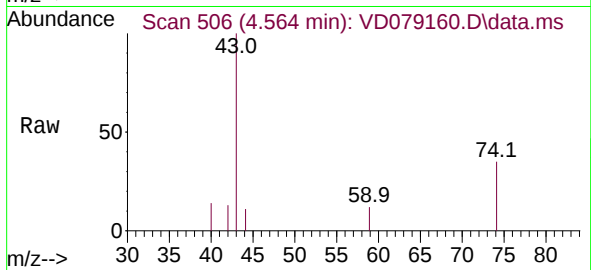




#15
Methyl Acetate
Concen: 16.569 ug/L
RT: 4.564 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

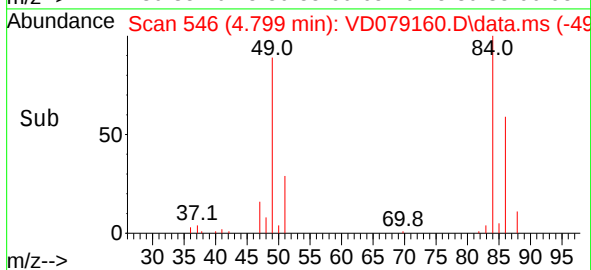
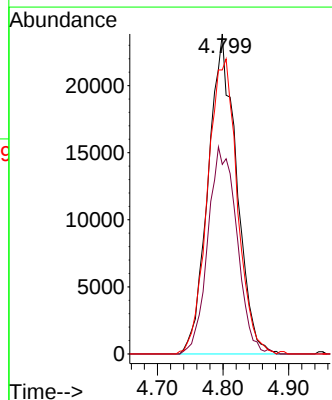
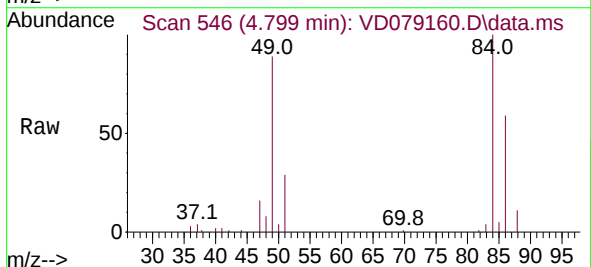
Instrument :
MSVOA_D
ClientSampleId :

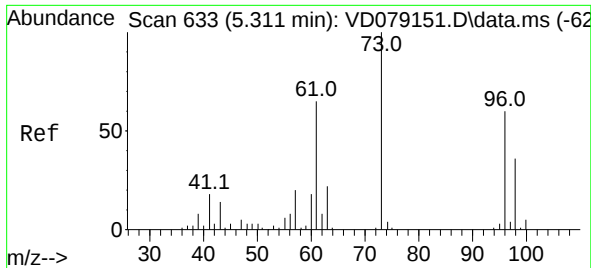
Tgt Ion: 43 Resp: 11608
Ion Ratio Lower Upper
43 100
74 27.8 23.8 35.6



#16
Methylene chloride
Concen: 26.690 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

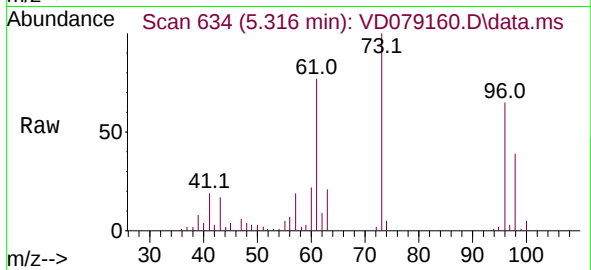
Tgt Ion: 84 Resp: 71760
Ion Ratio Lower Upper
84 100
86 59.2 40.9 76.0
49 88.8 67.5 125.3





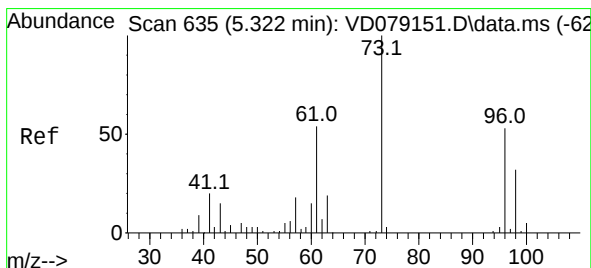
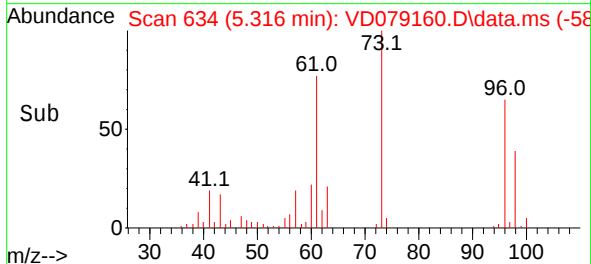
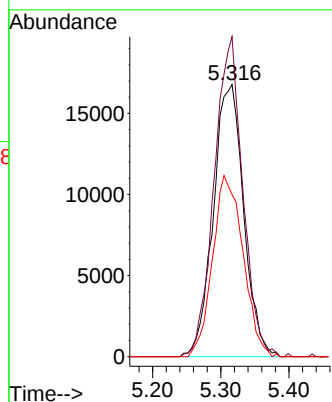
#17
trans-1,2-Dichloroethene
Concen: 23.028 ug/L
RT: 5.316 min Scan# 633
Delta R.T. 0.006 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 52005

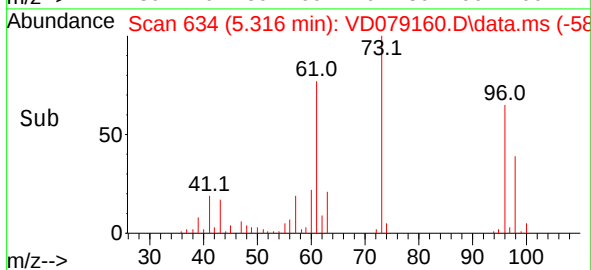
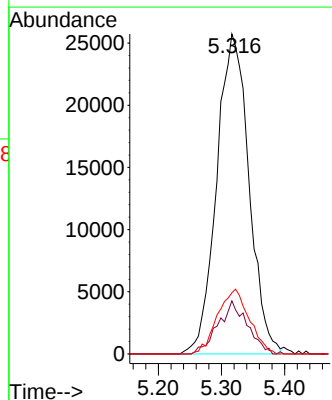
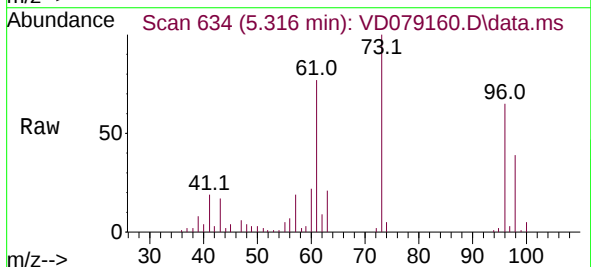
Ion	Ratio	Lower	Upper
96	100		
61	117.6	71.9	133.5
98	59.6	42.6	79.2

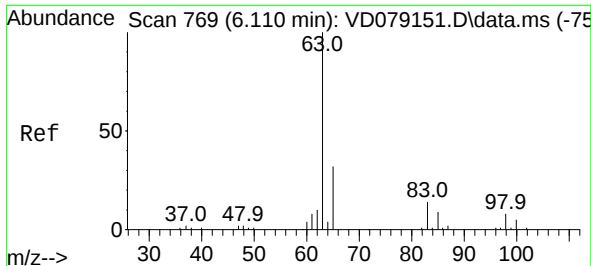


#18
Methyl tert-butyl Ether
Concen: 22.809 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Tgt Ion: 73 Resp: 91357

Ion	Ratio	Lower	Upper
73	100		
43	15.0	12.0	18.0
57	19.9	9.6	14.4

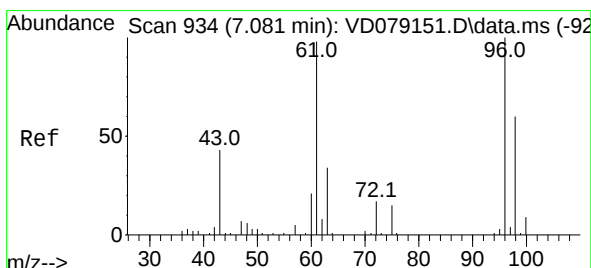
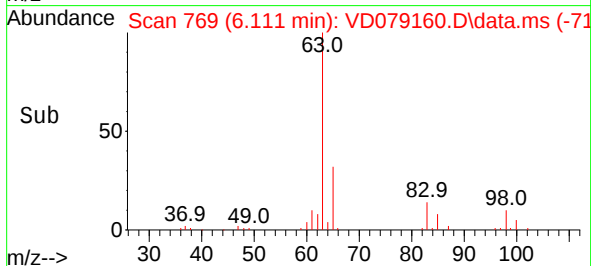
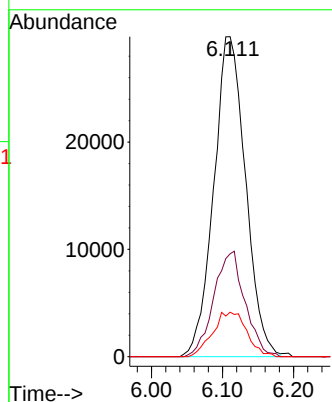
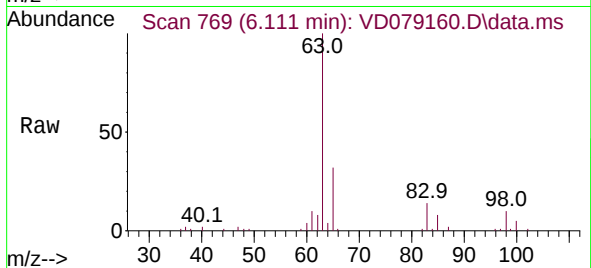




#19
1,1-Dichloroethane
Concen: 25.496 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

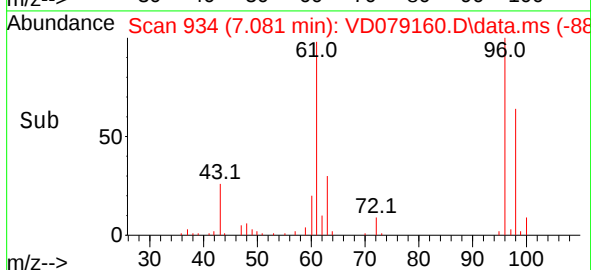
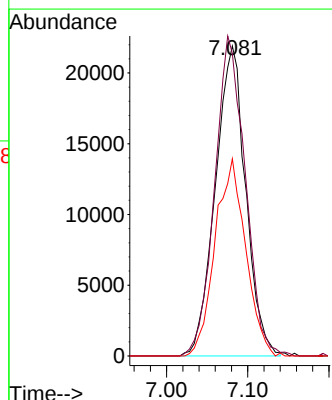
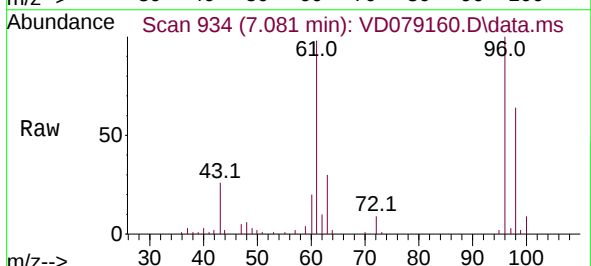
Instrument :
MSVOA_D
ClientSampleId :

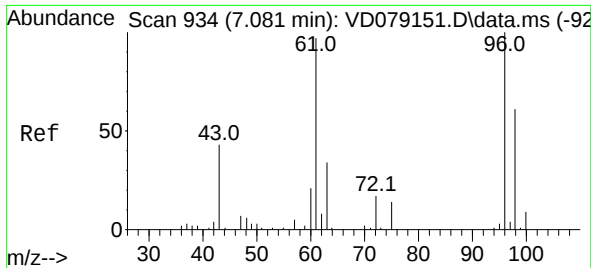
Tgt Ion: 63	Resp: 92703
Ion Ratio	Lower Upper
63 100	
65 32.2	22.8 42.4
83 13.9	8.6 16.0



#20
cis-1,2-Dichloroethene
Concen: 24.250 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Tgt Ion: 96	Resp: 57025
Ion Ratio	Lower Upper
96 100	
61 97.6	72.6 134.8
98 63.6	43.8 81.3





#22

2-Butanone

Concen: 30.665 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

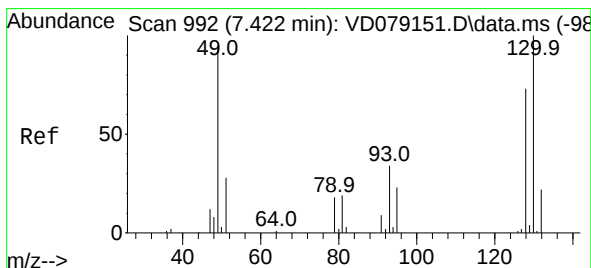
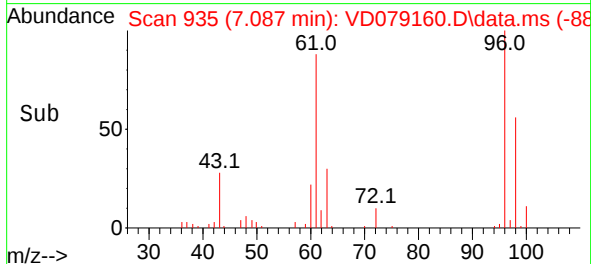
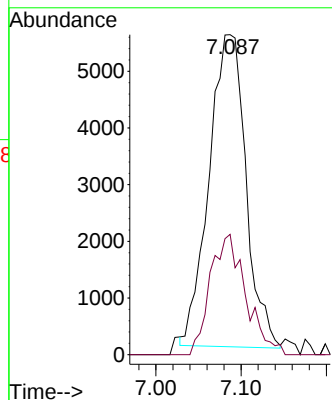
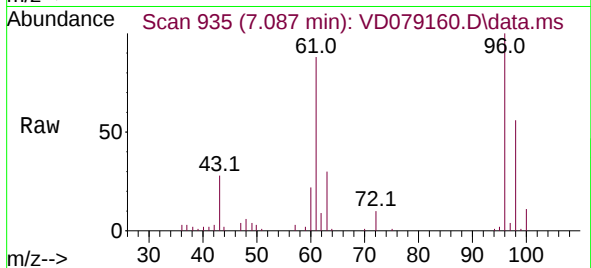
ClientSampleId :

Tgt Ion: 43 Resp: 16564

Ion Ratio Lower Upper

43 100

72 37.1 19.3 57.8



#23

Bromochloromethane

Concen: 23.863 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Tgt Ion:128 Resp: 28450

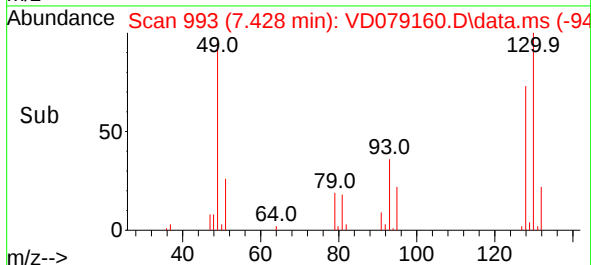
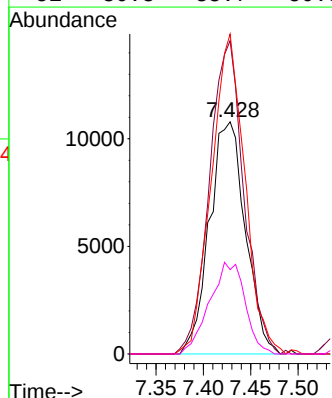
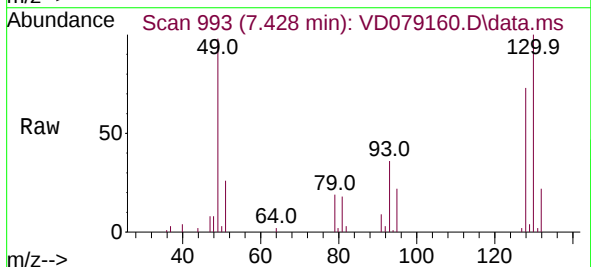
Ion Ratio Lower Upper

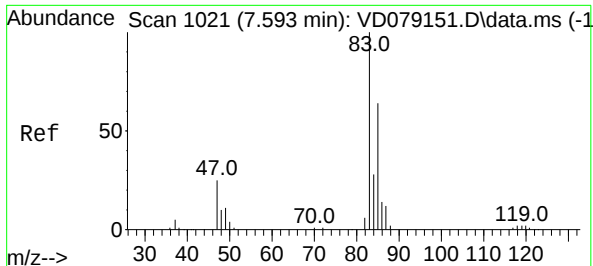
128 100

49 134.9 81.8 151.8

130 137.8 90.4 167.8

51 36.3 33.7 50.5

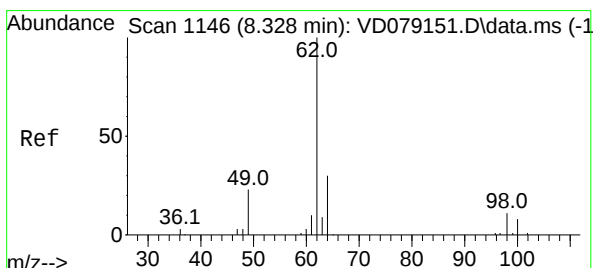
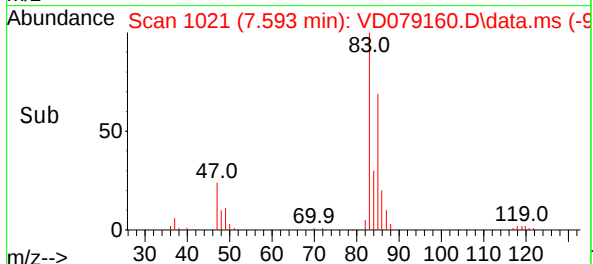
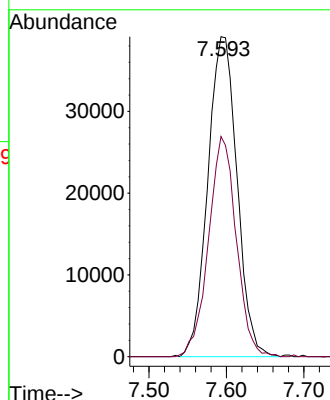
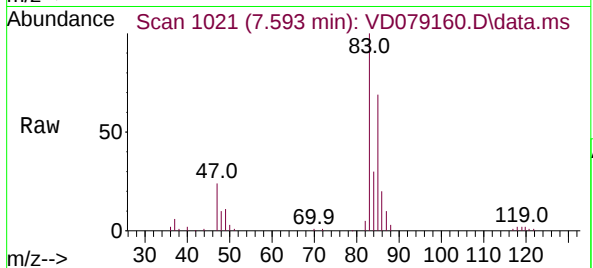




#25
Chloroform
Concen: 24.849 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

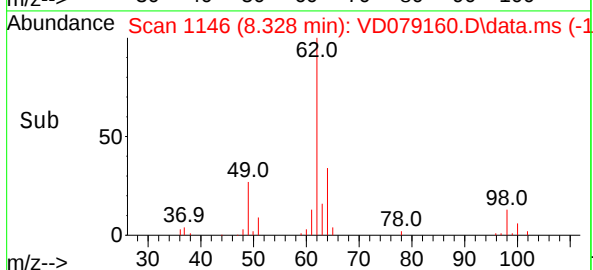
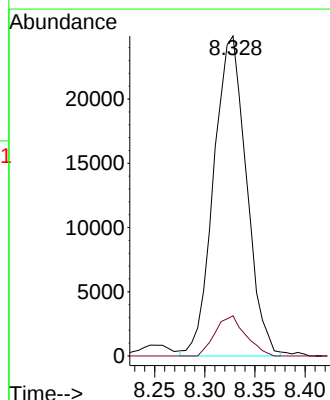
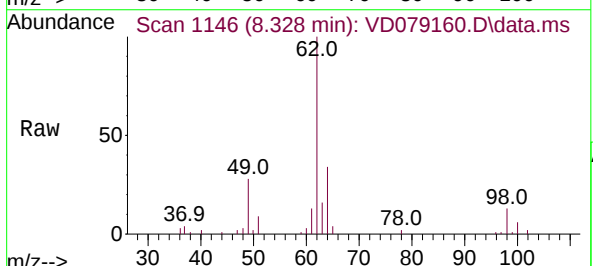
Instrument :
MSVOA_D
ClientSampleId :

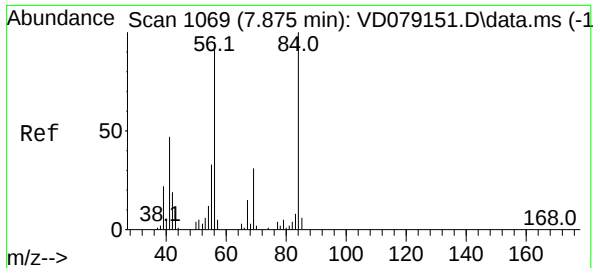
Tgt Ion: 83 Resp: 102580
Ion Ratio Lower Upper
83 100
85 68.8 47.9 89.1



#27
1,2-Dichloroethane
Concen: 23.594 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

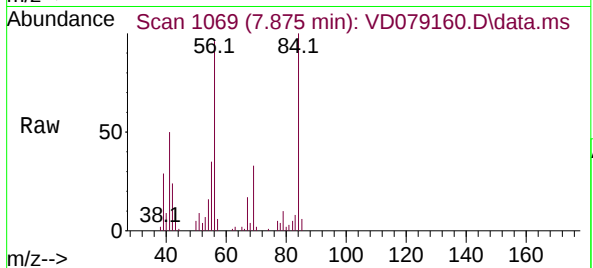
Tgt Ion: 62 Resp: 56541
Ion Ratio Lower Upper
62 100
98 12.5 8.2 12.4#



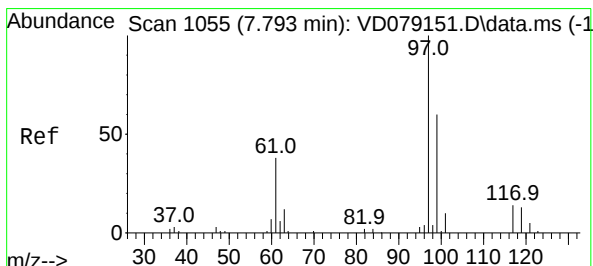
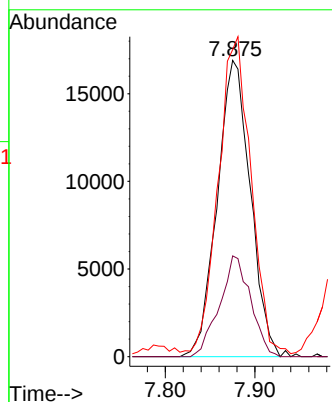
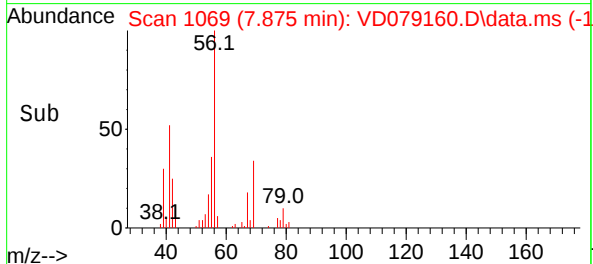


#29
Cyclohexane
Concen: 19.569 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Instrument :
MSVOA_D
ClientSampleId :

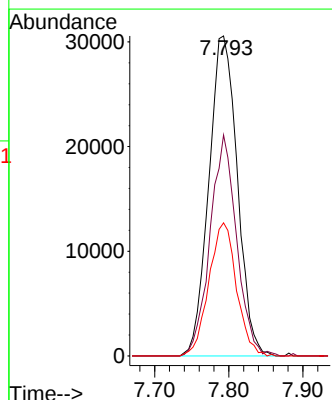
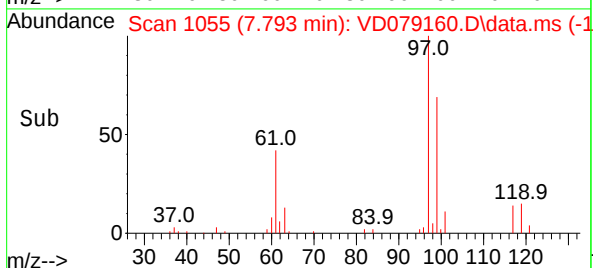
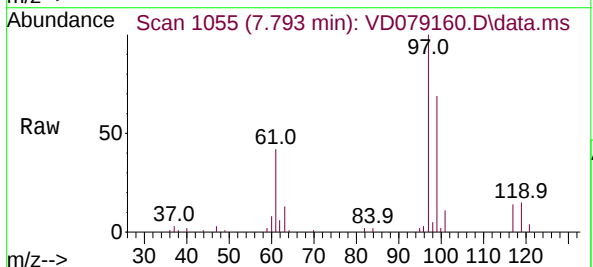


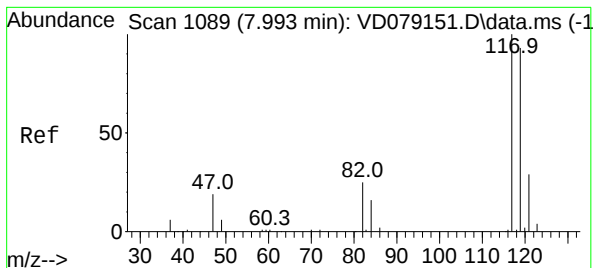
Tgt Ion: 56 Resp: 43214
Ion Ratio Lower Upper
56 100
69 32.0 26.6 40.0
84 107.5 87.5 131.3



#30
1,1,1-Trichloroethane
Concen: 28.205 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Tgt Ion: 97 Resp: 81731
Ion Ratio Lower Upper
97 100
99 63.9 52.3 78.5
61 40.3 31.7 47.5





#31

Carbon tetrachloride

Concen: 26.144 ug/L

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

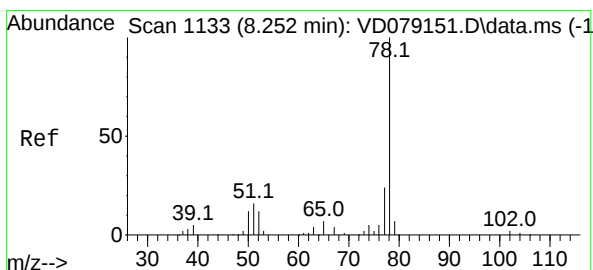
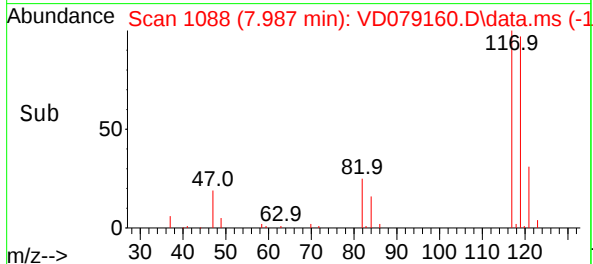
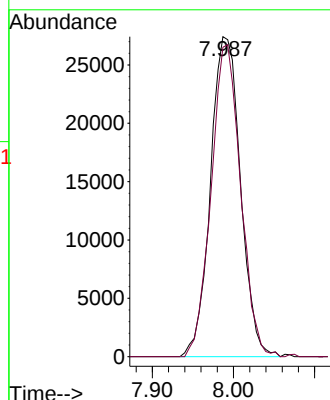
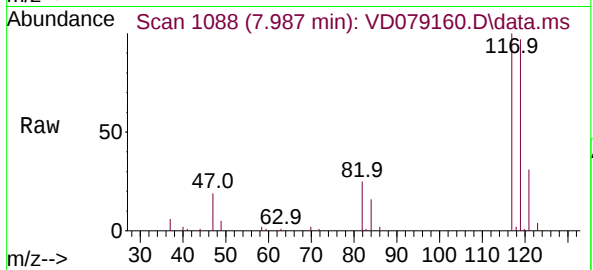
ClientSampleId :

Tgt Ion:117 Resp: 70401

Ion Ratio Lower Upper

117 100

119 95.6 79.6 119.4



#33

Benzene

Concen: 30.268 ug/L

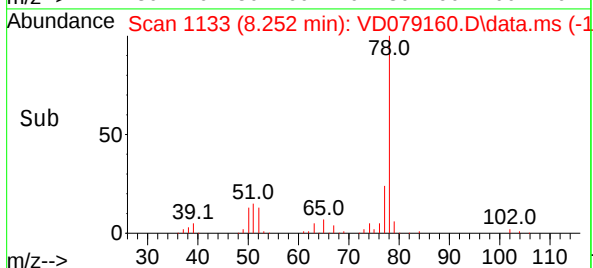
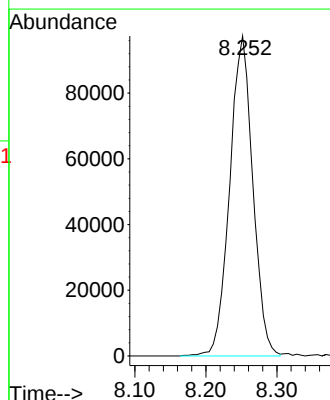
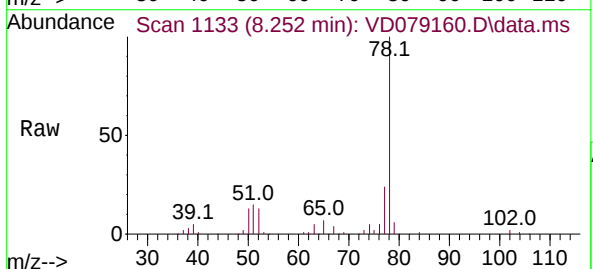
RT: 8.252 min Scan# 1133

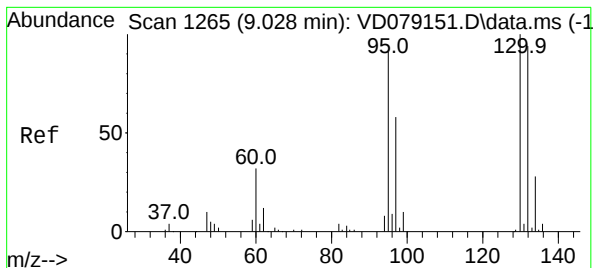
Delta R.T. 0.000 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Tgt Ion: 78 Resp: 220645





#34

Trichloroethene

Concen: 26.048 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.000 min

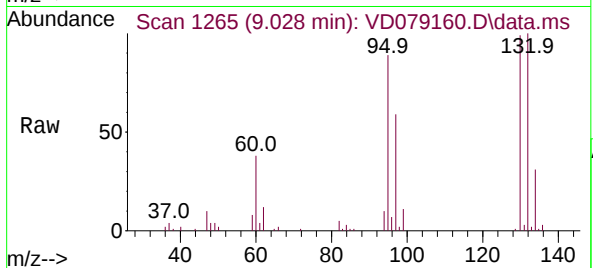
Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 48906

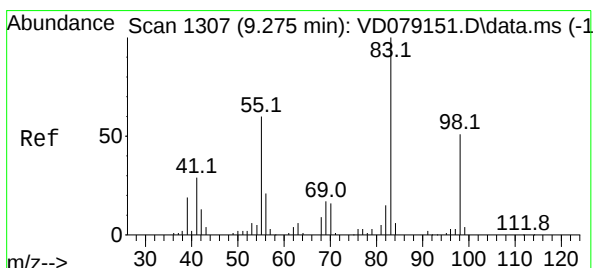
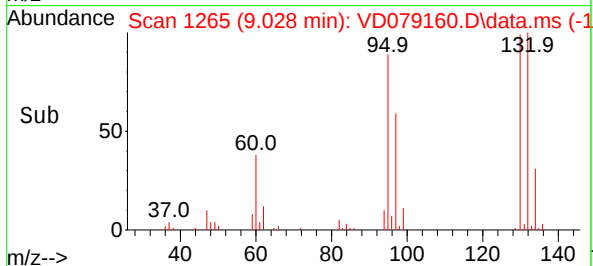
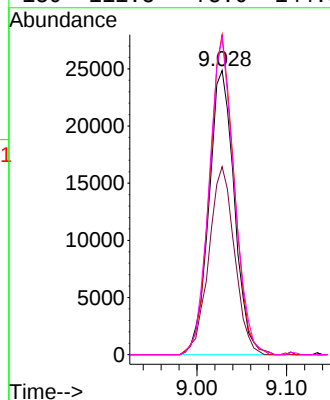
Ion Ratio Lower Upper

95 100

97 66.2 44.6 82.8

132 112.6 74.9 139.1

130 111.8 78.0 144.8



#35

Methylcyclohexane

Concen: 13.936 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

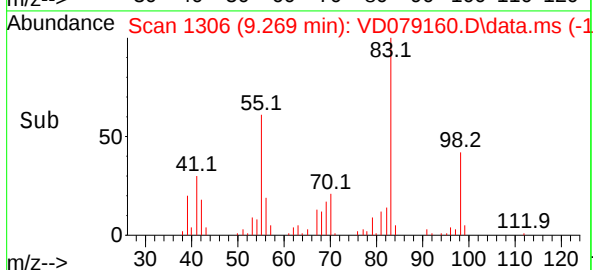
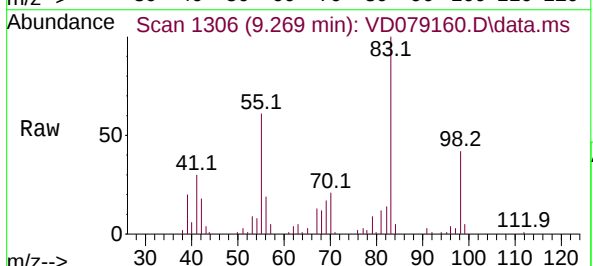
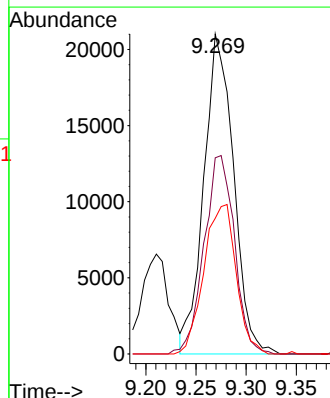
Tgt Ion: 83 Resp: 43355

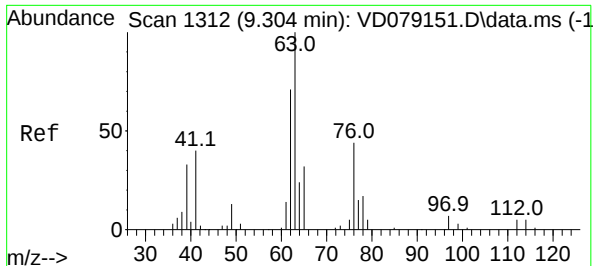
Ion Ratio Lower Upper

83 100

55 63.3 48.6 72.8

98 50.6 40.2 60.2

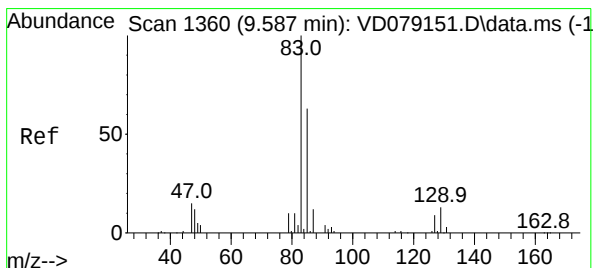
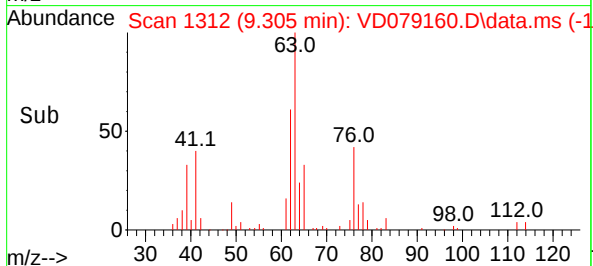
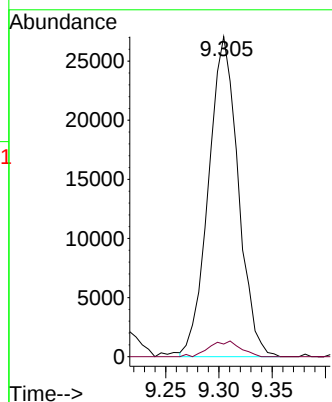
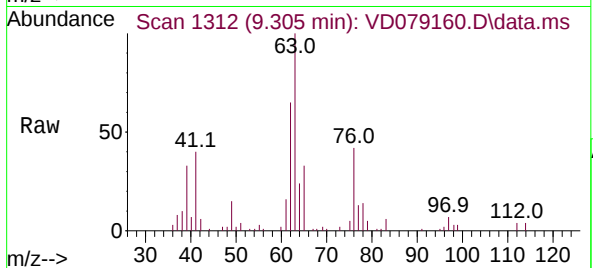




#37
1,2-Dichloropropane
Concen: 29.405 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

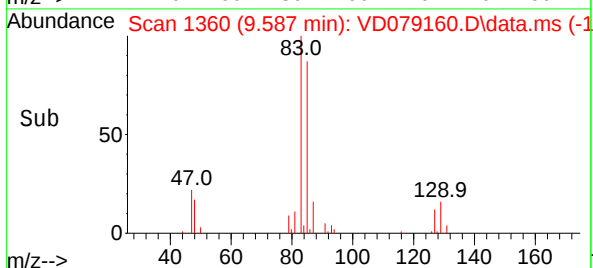
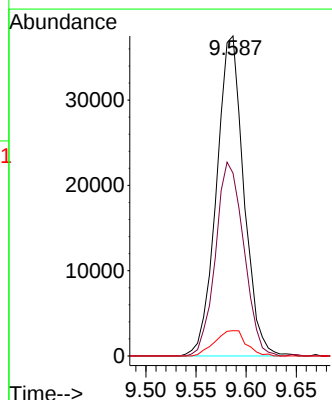
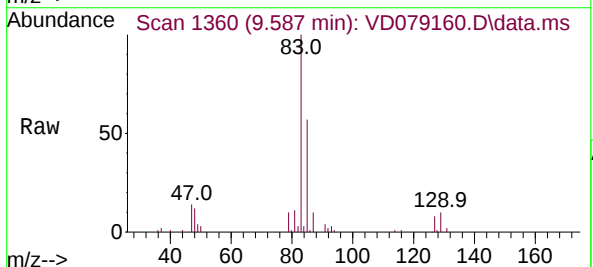
Instrument :
MSVOA_D
ClientSampleId :

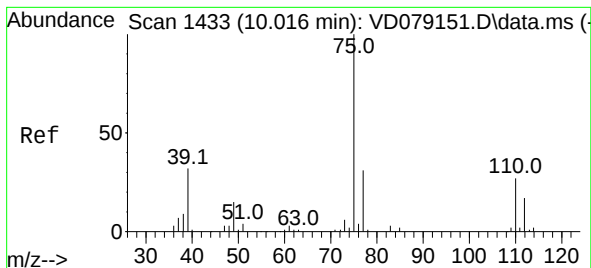
Tgt Ion: 63 Resp: 52504
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9



#38
Bromodichloromethane
Concen: 28.665 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Tgt Ion: 83 Resp: 71153
Ion Ratio Lower Upper
83 100
85 57.2 46.5 86.5
127 8.7 7.0 10.6

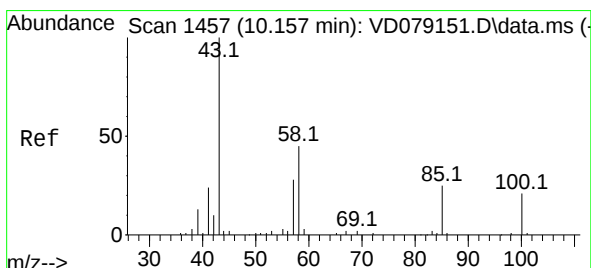
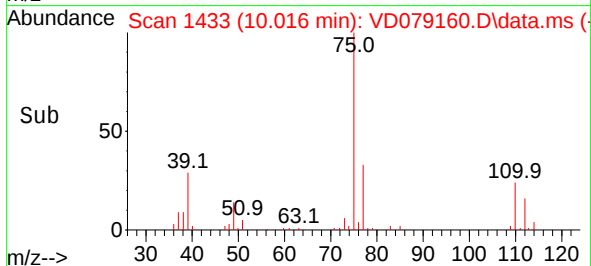
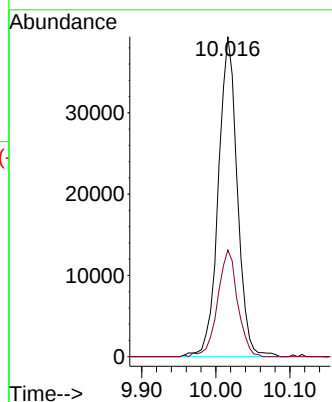
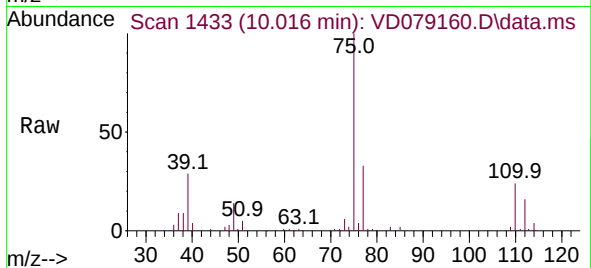




#39
cis-1,3-Dichloropropene
Concen: 25.160 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

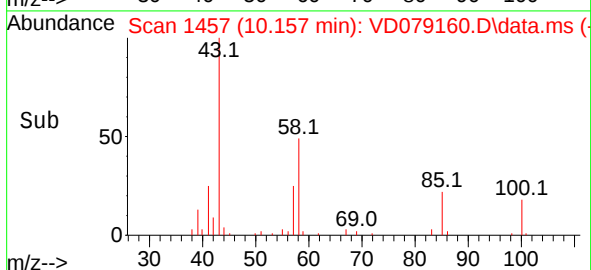
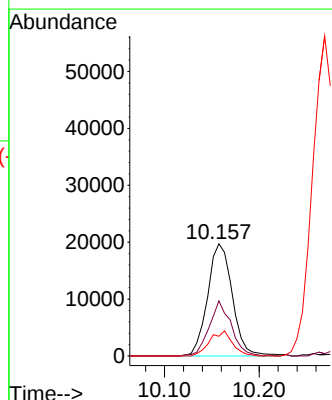
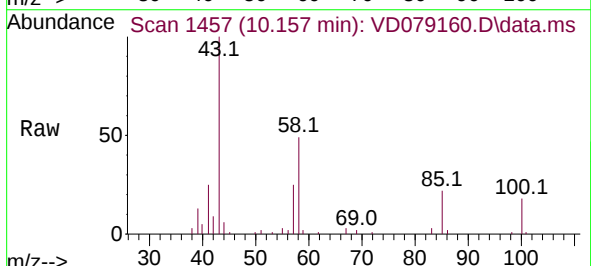
Instrument :
MSVOA_D
ClientSampleId :

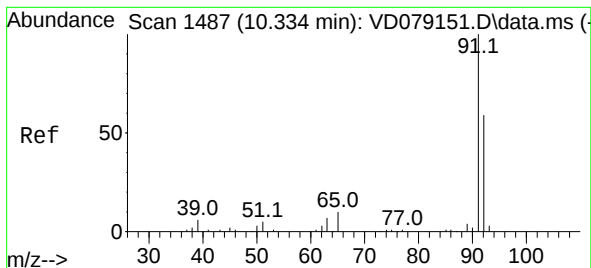
Tgt Ion: 75 Resp: 70131
Ion Ratio Lower Upper
75 100
77 33.3 23.4 43.4



#40
4-Methyl-2-pentanone
Concen: 48.043 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Tgt Ion: 43 Resp: 35810
Ion Ratio Lower Upper
43 100
58 43.8 34.0 51.0
100 20.5 16.9 25.3





#42

Toluene

Concen: 26.706 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

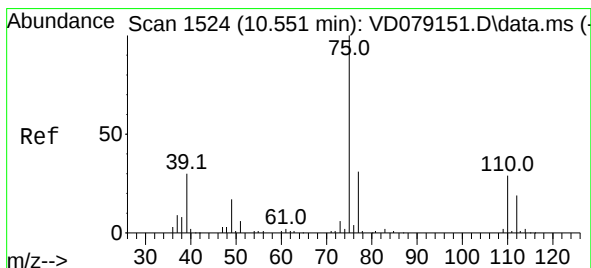
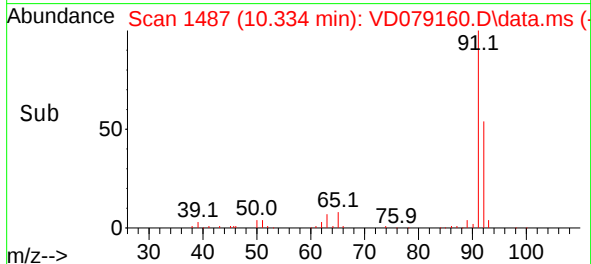
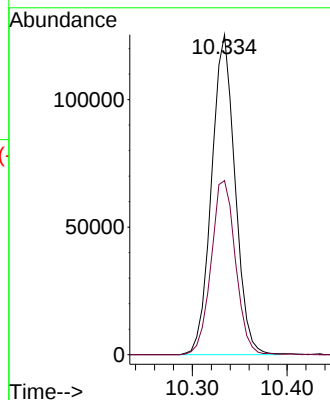
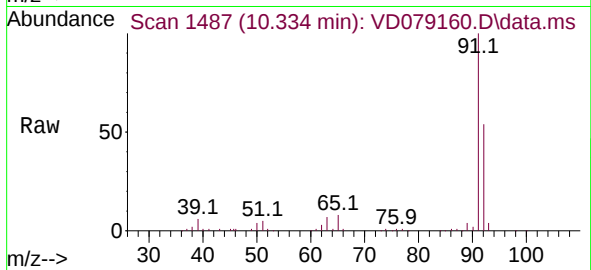
ClientSampleId :

Tgt Ion: 91 Resp: 216181

Ion Ratio Lower Upper

91 100

92 54.4 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 25.199 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079160.D

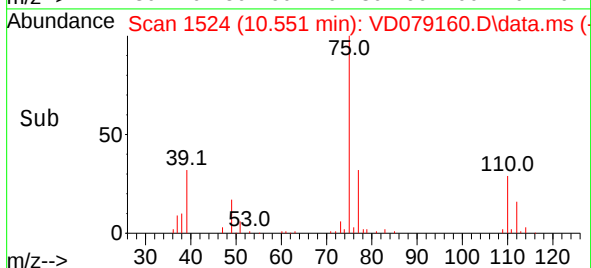
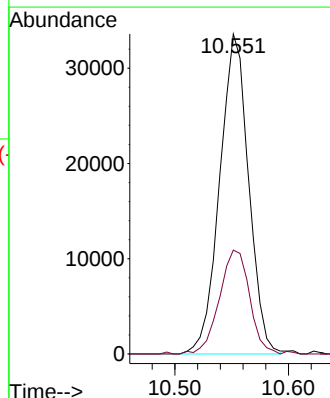
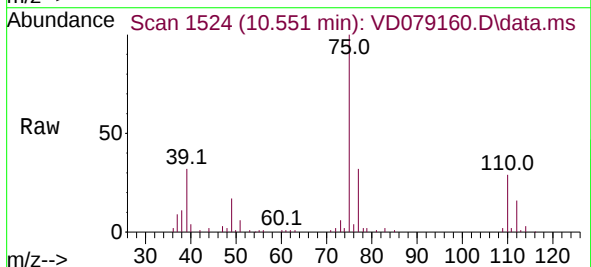
Acq: 10 Jun 2024 15:53

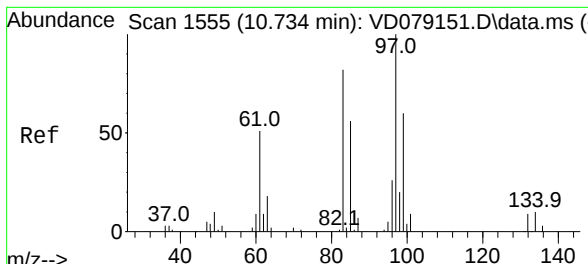
Tgt Ion: 75 Resp: 59395

Ion Ratio Lower Upper

75 100

77 32.4 24.3 45.1



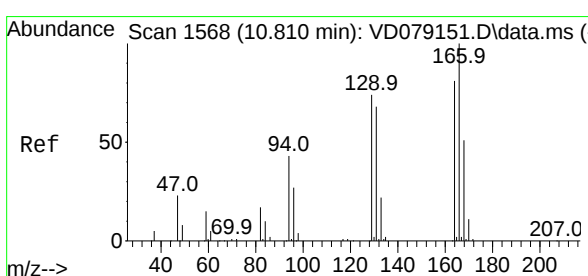
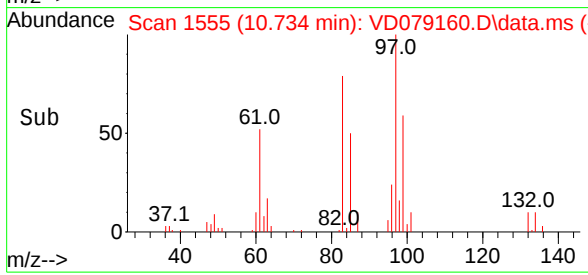
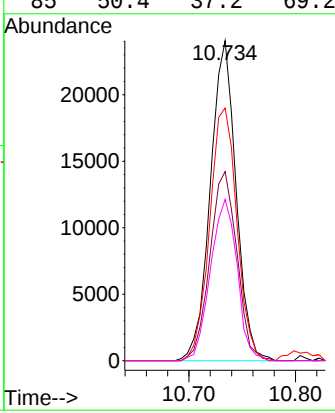
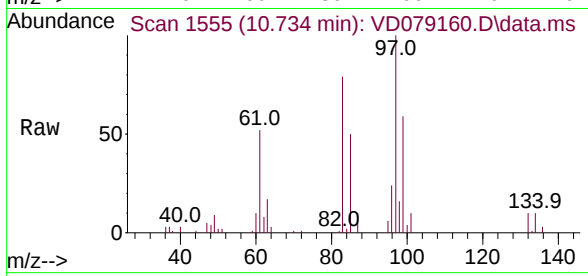


#45
 1,1,2-Trichloroethane
 Concen: 25.788 ug/L
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD079160.D
 Acq: 10 Jun 2024 15:53

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 97 Resp: 40397

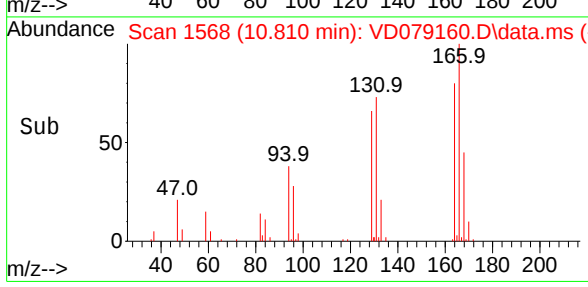
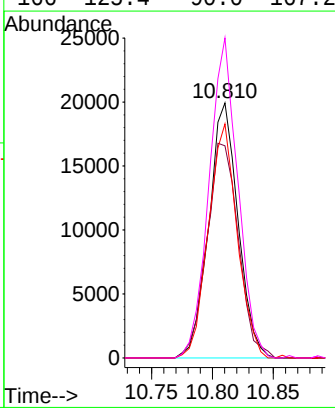
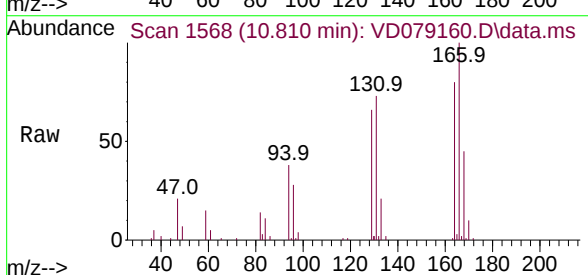
Ion	Ratio	Lower	Upper
97	100		
99	59.1	43.0	79.8
83	79.0	58.9	109.5
85	50.4	37.2	69.2

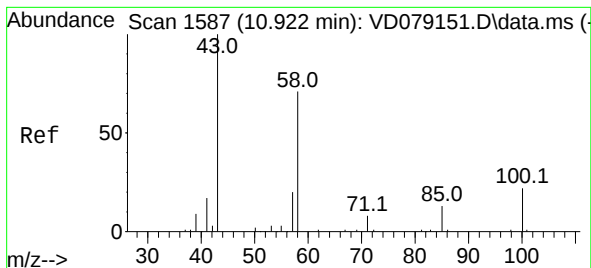


#46
 Tetrachloroethene
 Concen: 20.188 ug/L
 RT: 10.810 min Scan# 1568
 Delta R.T. 0.000 min
 Lab File: VD079160.D
 Acq: 10 Jun 2024 15:53

Tgt Ion: 164 Resp: 33375

Ion	Ratio	Lower	Upper
164	100		
129	83.2	64.3	119.5
131	91.8	61.2	113.8
166	125.4	90.0	167.2





#48

2-Hexanone

Concen: 35.704 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

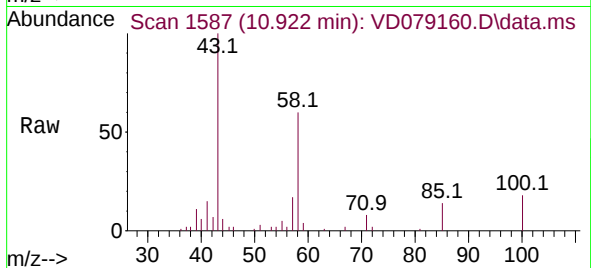
Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 23029

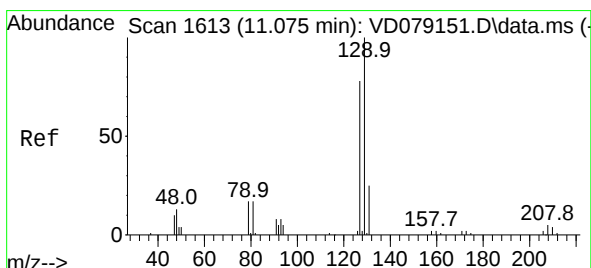
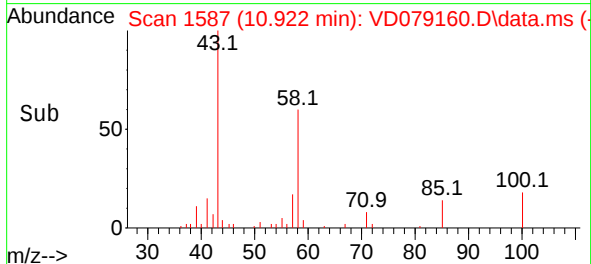
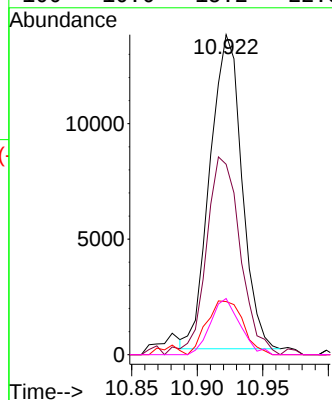
Ion Ratio Lower Upper

43 100

58 66.9 50.1 75.1

57 19.5 16.5 24.7

100 16.6 15.2 22.8



#49

Dibromochloromethane

Concen: 25.338 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD079160.D

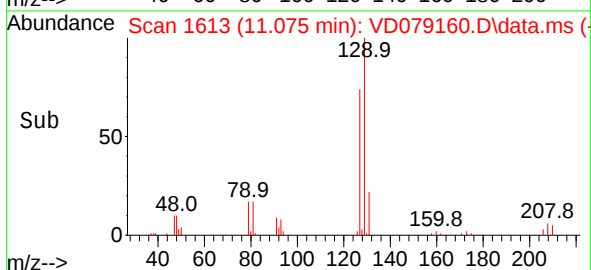
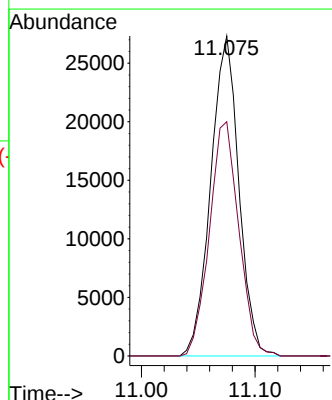
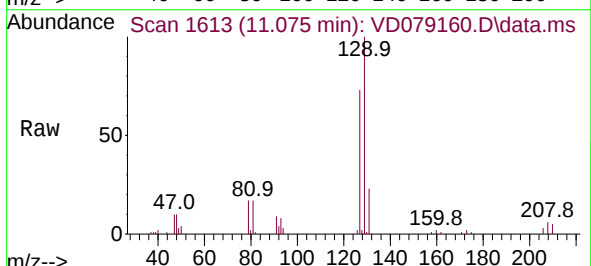
Acq: 10 Jun 2024 15:53

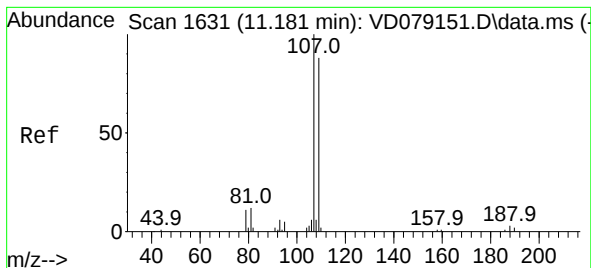
Tgt Ion: 129 Resp: 47003

Ion Ratio Lower Upper

129 100

127 73.2 56.4 104.7





#50

1,2-Dibromoethane

Concen: 24.672 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079160.D

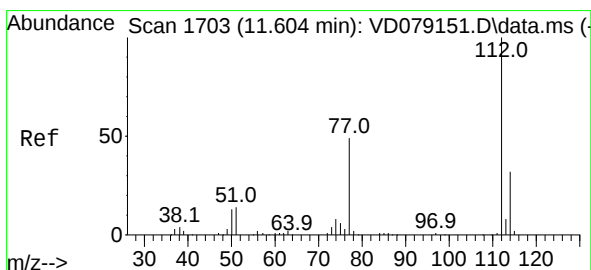
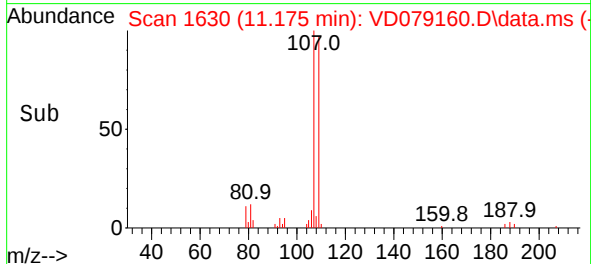
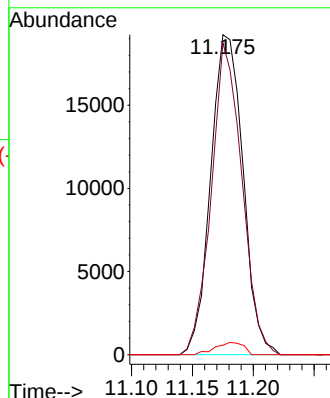
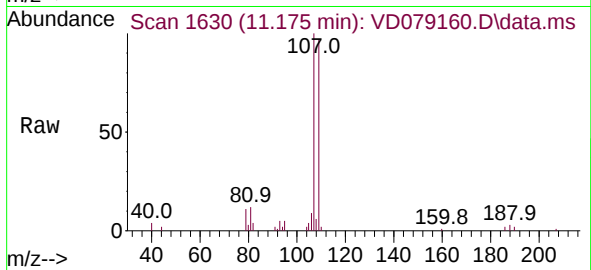
Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	35519
Ion Ratio	Lower	Upper
107	100	
109	97.4	64.5 119.7
188	2.9	2.6 3.8



#51

Chlorobenzene

Concen: 22.470 ug/L

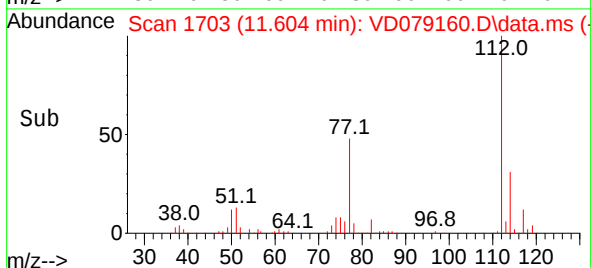
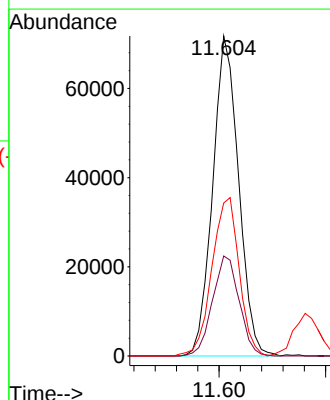
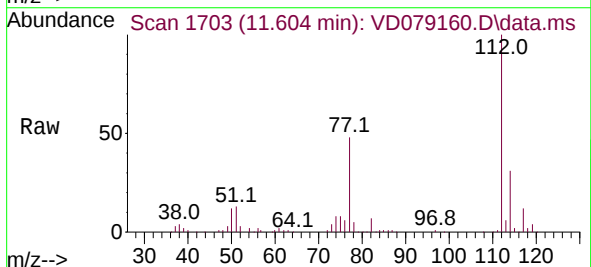
RT: 11.604 min Scan# 1703

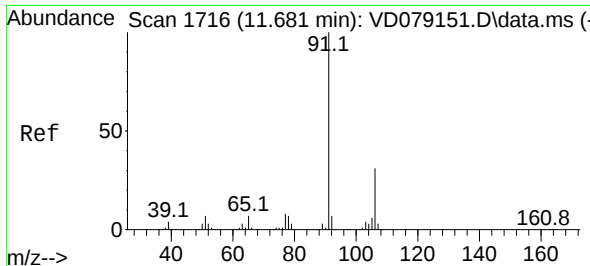
Delta R.T. 0.000 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Tgt Ion:112	Resp:	121021
Ion Ratio	Lower	Upper
112	100	
114	31.3	22.7 42.3
77	47.8	38.4 57.6





#52

Ethylbenzene

Concen: 21.772 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

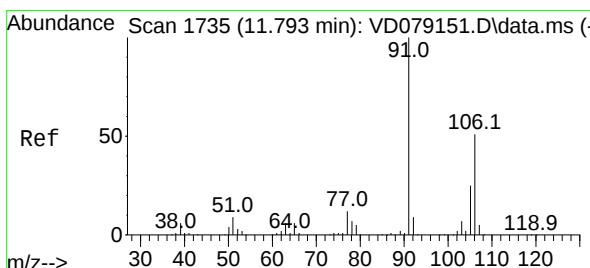
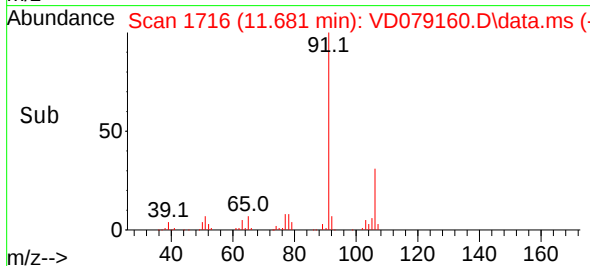
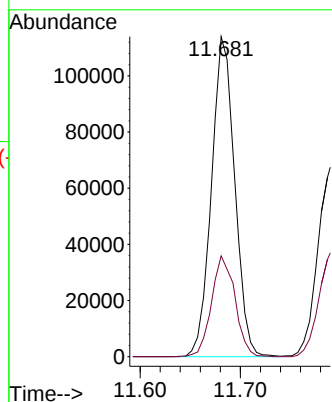
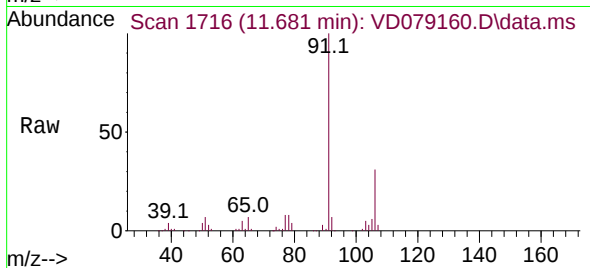
ClientSampleId :

Tgt Ion: 91 Resp: 183834

Ion Ratio Lower Upper

91 100

106 31.5 22.3 41.5



#53

m,p-Xylene

Concen: 22.085 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079160.D

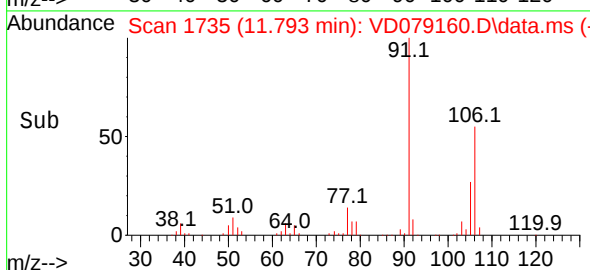
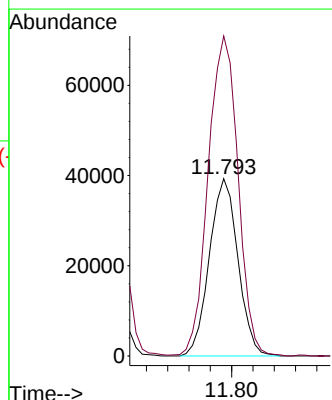
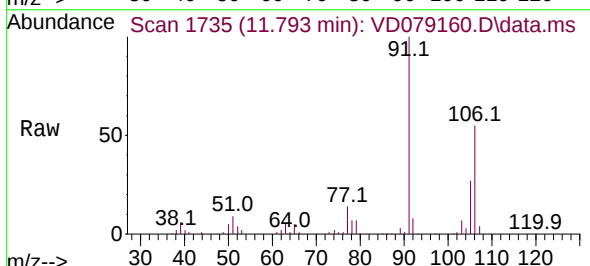
Acq: 10 Jun 2024 15:53

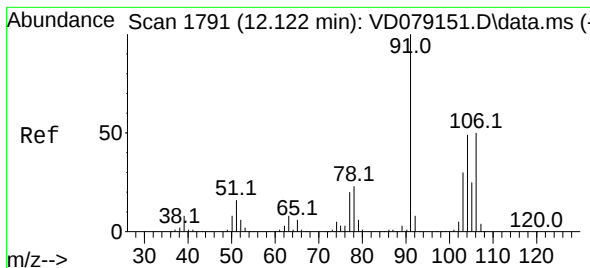
Tgt Ion:106 Resp: 73163

Ion Ratio Lower Upper

106 100

91 180.6 133.1 247.1

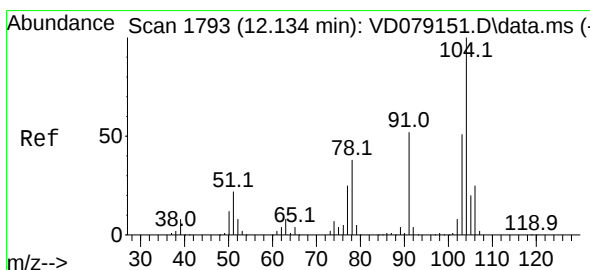
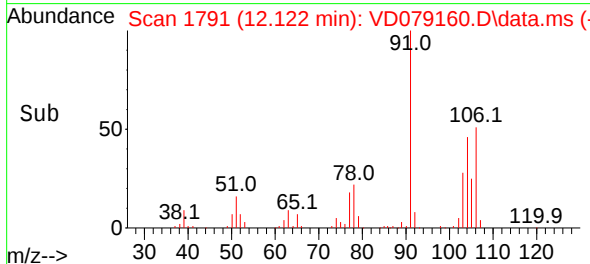
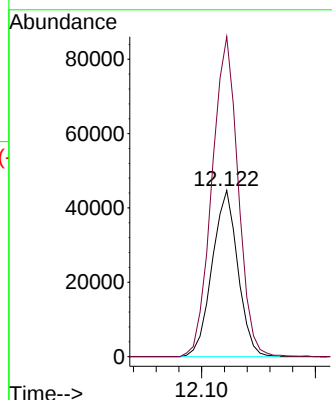
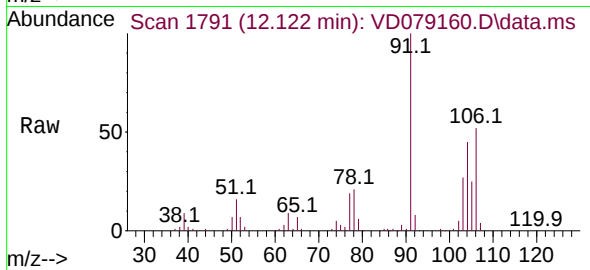




#54
o-Xylene
Concen: 21.963 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

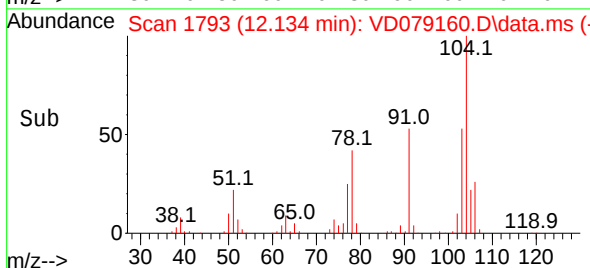
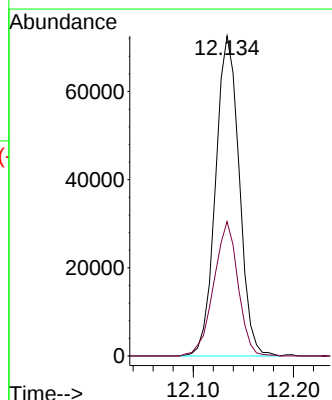
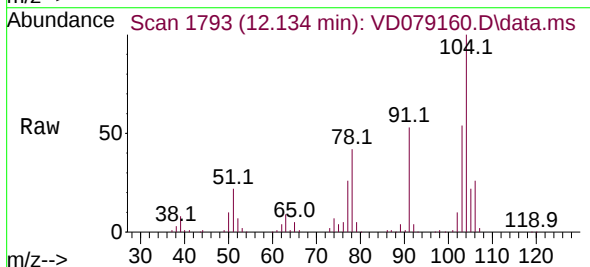
Instrument :
MSVOA_D
ClientSampleId :

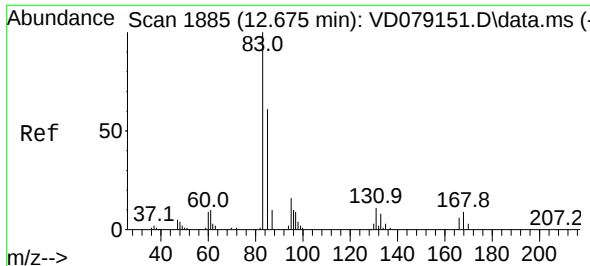
Tgt Ion:106 Resp: 70295
Ion Ratio Lower Upper
106 100
91 192.5 132.9 246.9



#55
Styrene
Concen: 20.947 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Tgt Ion:104 Resp: 118874
Ion Ratio Lower Upper
104 100
78 42.0 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 20.786 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD079160.D

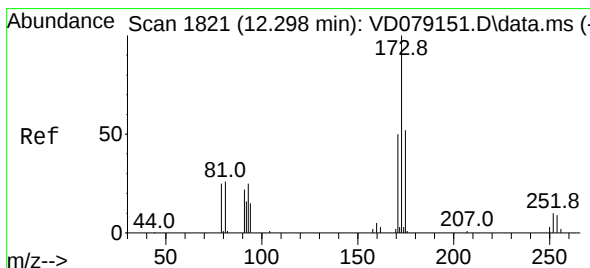
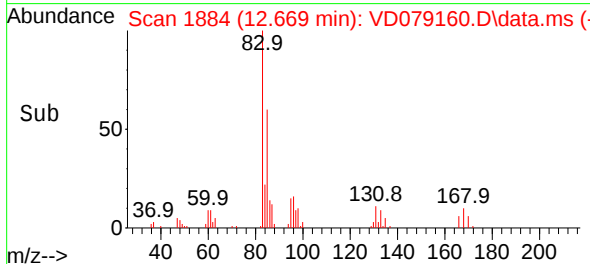
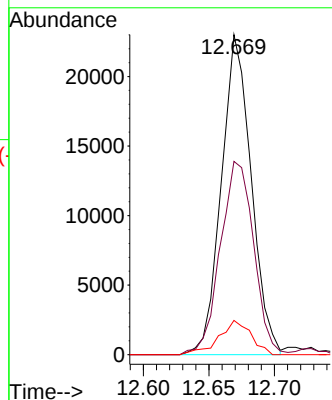
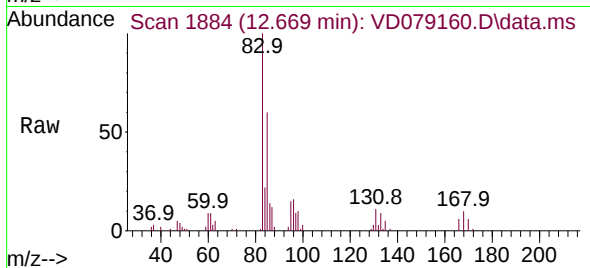
Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	36448
Ion Ratio	Lower	Upper	
83	100		
85	60.4	47.5	88.1
131	10.7	8.6	13.0



#59

Bromoform

Concen: 33.083 ug/L

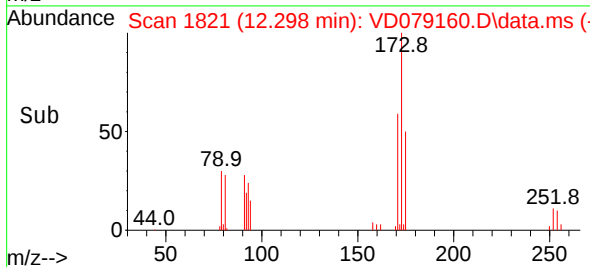
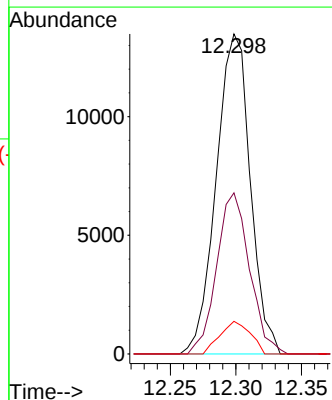
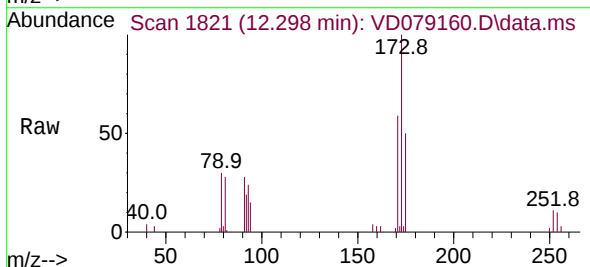
RT: 12.298 min Scan# 1821

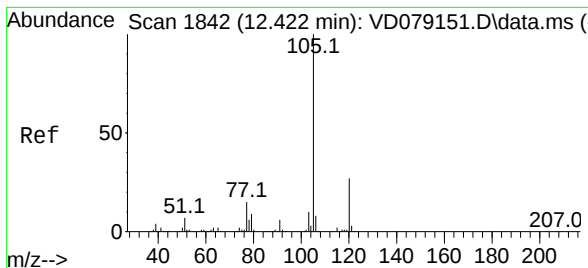
Delta R.T. 0.000 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Tgt Ion:	173	Resp:	24365
Ion Ratio	Lower	Upper	
173	100		
175	48.5	38.2	57.4
254	9.0	7.0	10.6





#60

Isopropylbenzene

Concen: 28.253 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

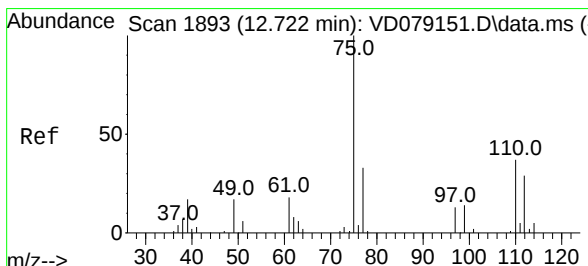
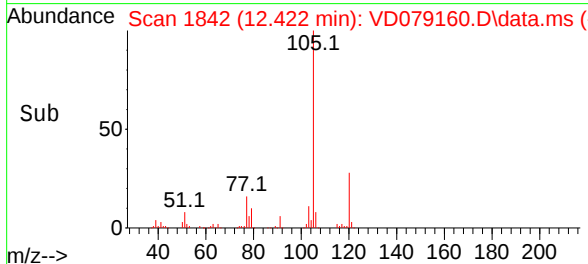
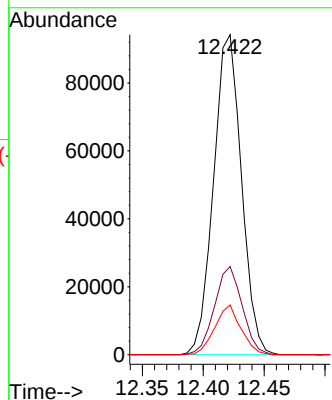
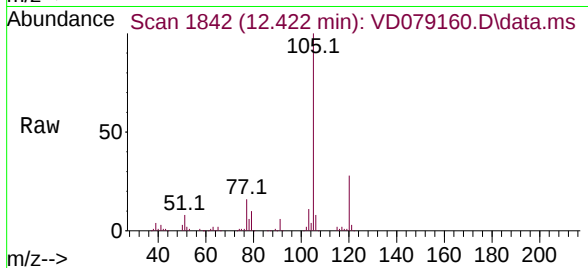
Tgt Ion:105 Resp: 150117

Ion Ratio Lower Upper

105 100

120 27.3 21.9 32.9

77 14.6 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 36.148 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

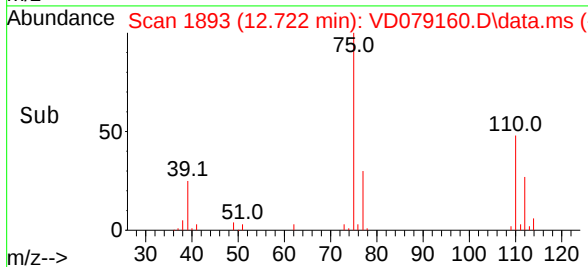
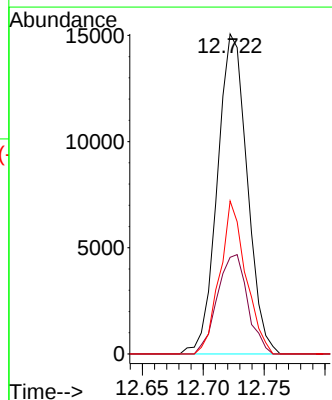
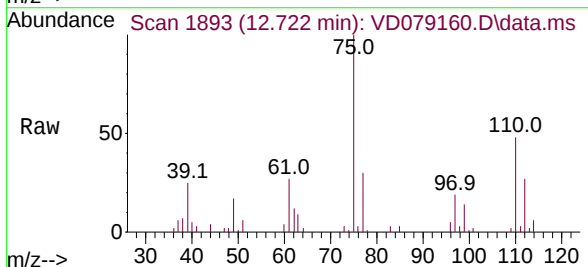
Tgt Ion: 75 Resp: 25645

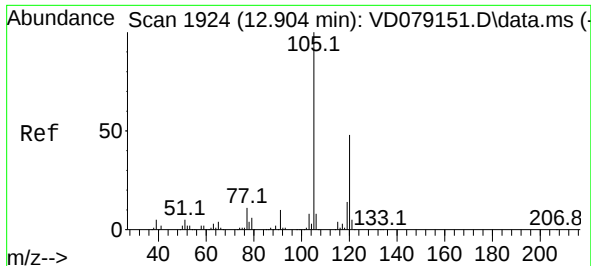
Ion Ratio Lower Upper

75 100

77 31.4 25.9 38.9

110 41.7 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 23.930 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

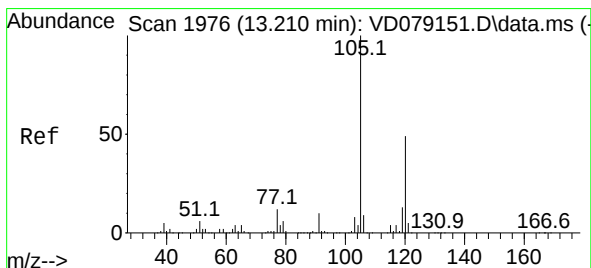
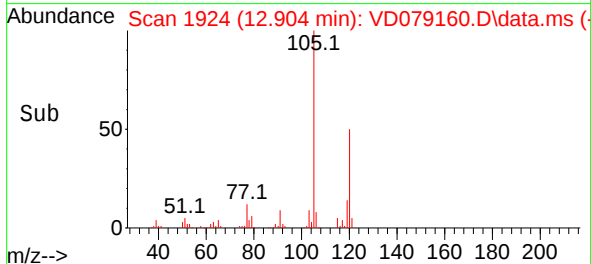
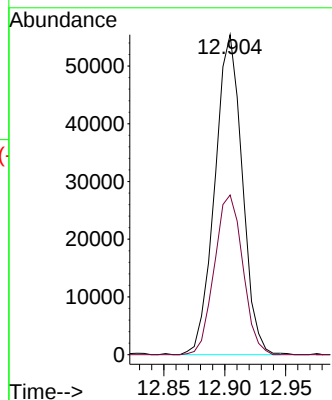
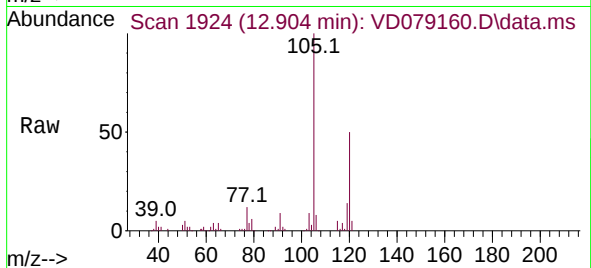
ClientSampleId :

Tgt Ion:105 Resp: 86938

Ion Ratio Lower Upper

105 100

120 51.6 40.7 61.1



#63

1,2,4-Trimethylbenzene

Concen: 24.909 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079160.D

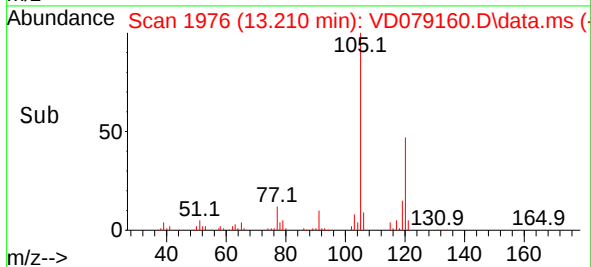
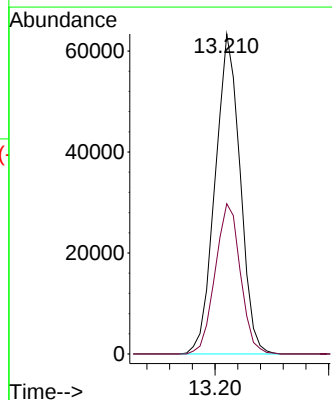
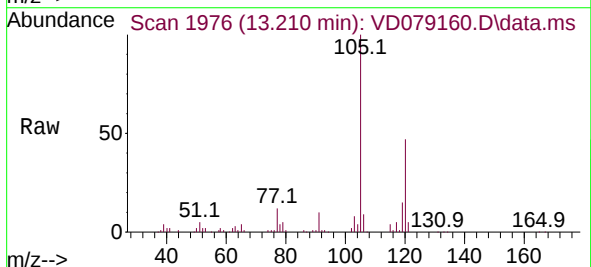
Acq: 10 Jun 2024 15:53

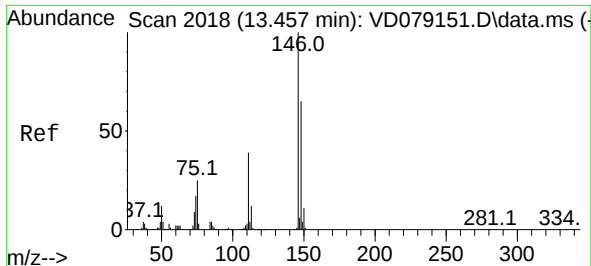
Tgt Ion:105 Resp: 96789

Ion Ratio Lower Upper

105 100

120 47.4 38.0 57.0

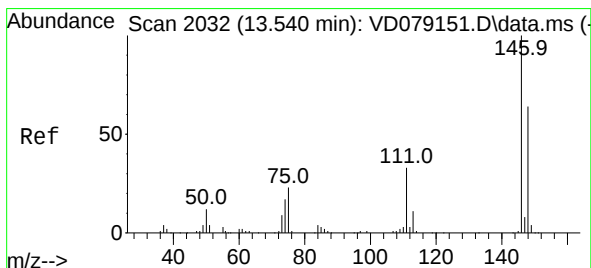
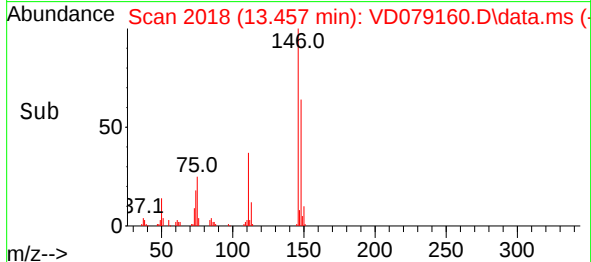
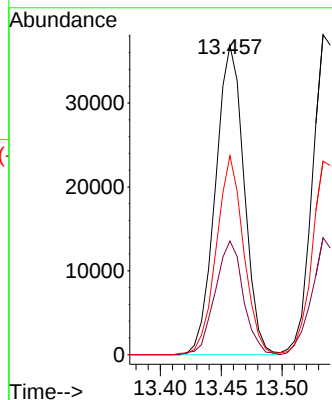
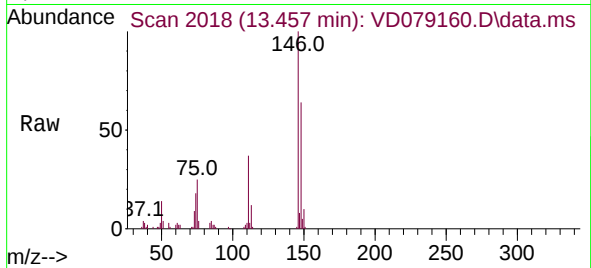




#64
1,3-Dichlorobenzene
Concen: 23.648 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

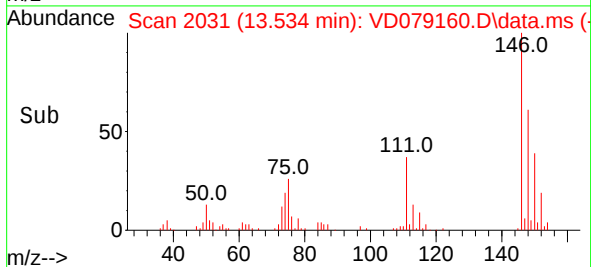
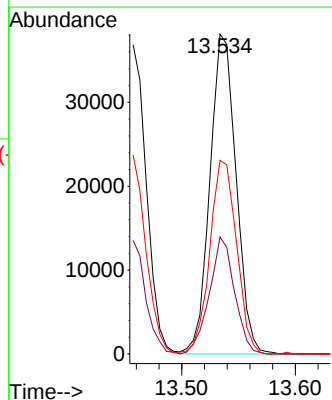
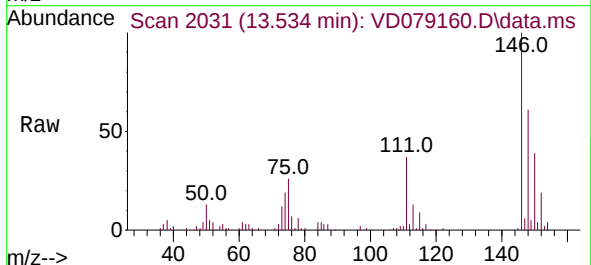
Instrument :
MSVOA_D
ClientSampleId :

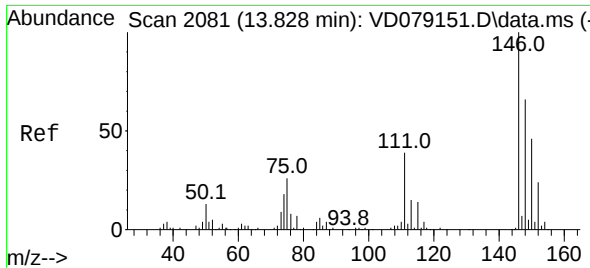
Tgt Ion:146 Resp: 60362
Ion Ratio Lower Upper
146 100
111 36.7 24.4 45.4
148 64.3 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 22.560 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Tgt Ion:146 Resp: 61017
Ion Ratio Lower Upper
146 100
111 36.5 26.3 48.9
148 60.5 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 20.965 ug/L

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

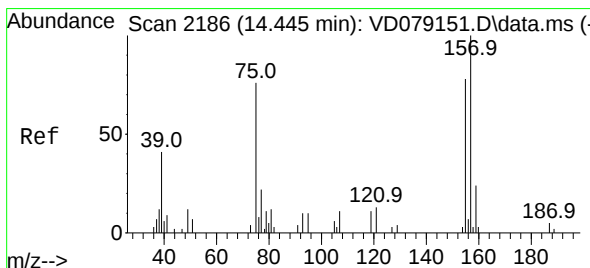
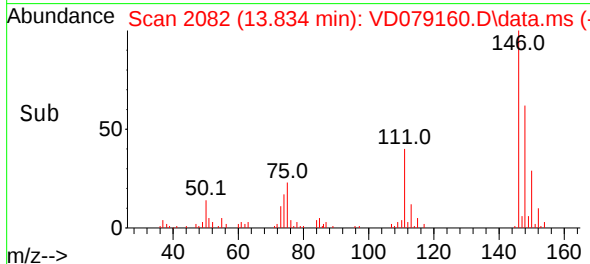
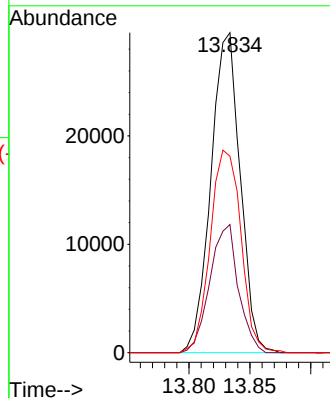
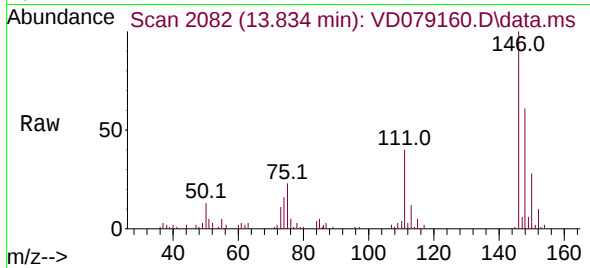
Tgt Ion:146 Resp: 49471

Ion Ratio Lower Upper

146 100

111 40.0 29.1 43.7

148 61.4 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 27.879 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

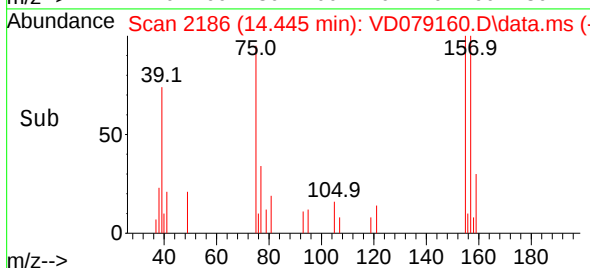
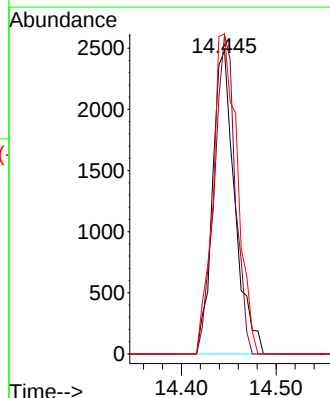
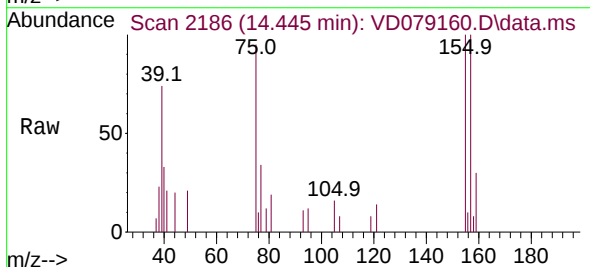
Tgt Ion: 75 Resp: 4066

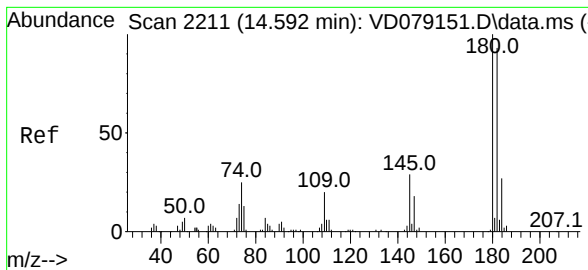
Ion Ratio Lower Upper

75 100

155 105.0 68.1 102.1#

157 105.4 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 13.376 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

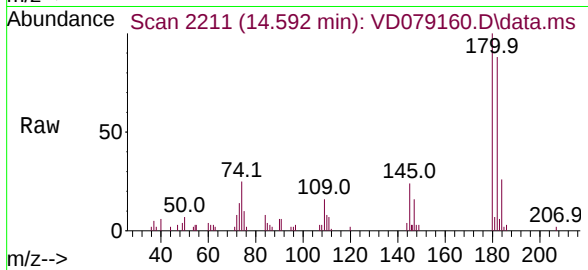
Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 21534

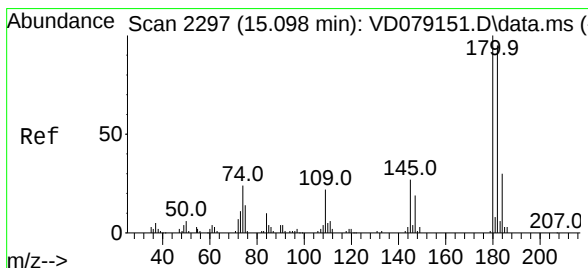
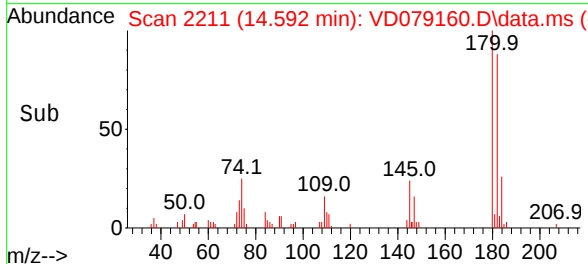
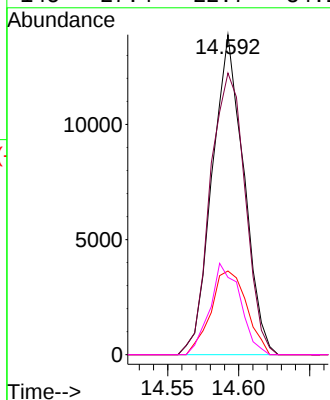
Ion Ratio Lower Upper

180 100

182 97.0 76.9 115.3

184 29.6 23.3 34.9

145 27.4 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 10.454 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079160.D

Acq: 10 Jun 2024 15:53

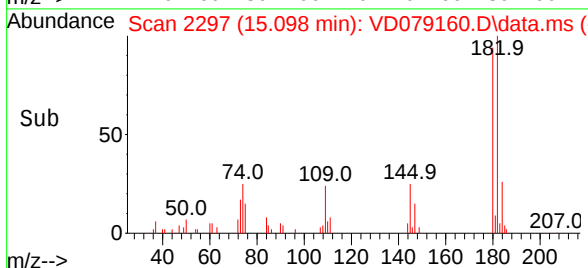
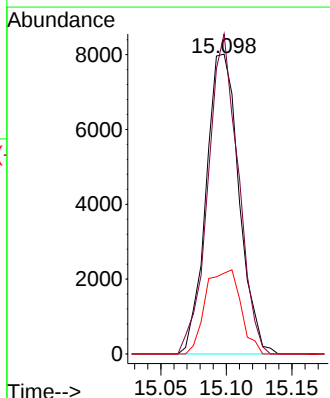
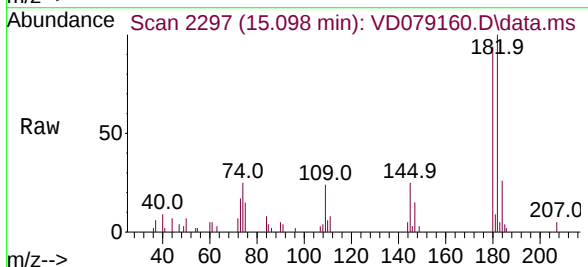
Tgt Ion:180 Resp: 13977

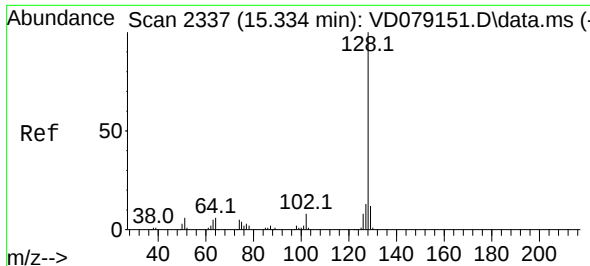
Ion Ratio Lower Upper

180 100

182 98.2 73.8 110.6

145 0.0 22.3 33.5#

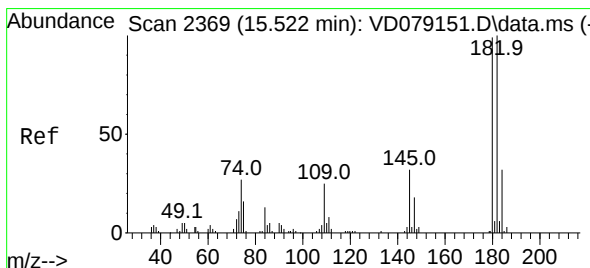
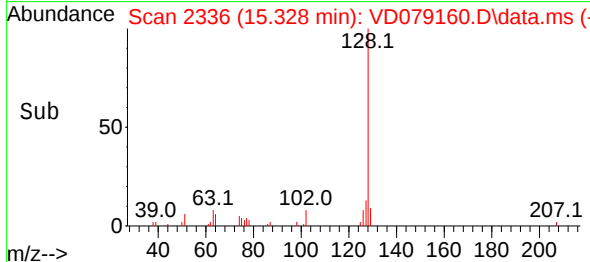
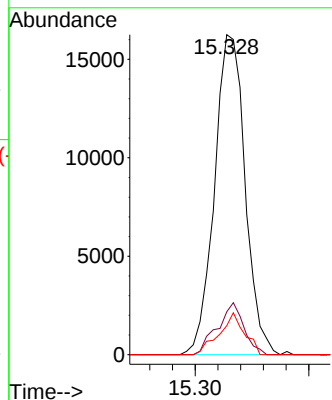
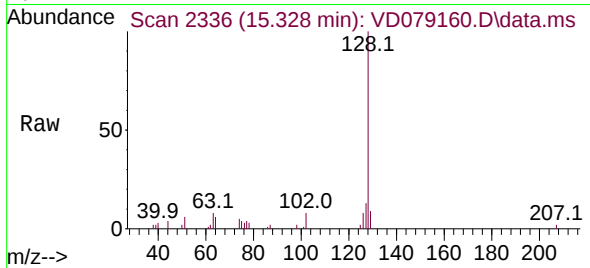




#71
Naphthalene
Concen: 12.161 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	30409
Ion Ratio	Lower	Upper
128	100	
127	14.1	10.8 16.2
129	10.8	8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 8.937 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079160.D
Acq: 10 Jun 2024 15:53

Tgt Ion:180	Resp:	10327
Ion Ratio	Lower	Upper
180	100	
182	103.1	79.4 119.2
145	28.2	24.7 37.1

