

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079809.D
 Acq On : 10 Sep 2024 10:37
 Operator : RP/MD
 Sample : VSTD00538
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 11 05:55:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 05:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	162568	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	160811	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	71361	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	38813	5.491	ug/L	0.00
7) Chloroethane-d5	2.805	69	31029	5.544	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	3628	2.827	ug/L	0.00
21) 2-Butanone-d5	6.993	46	6118	9.315	ug/L	0.00
24) Chloroform-d	7.563	84	27290	5.107	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	13353	4.779	ug/L	0.00
32) Benzene-d6	8.205	84	57375	5.054	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.216	67	17569	5.053	ug/L	0.00
41) Toluene-d8	10.269	98	46900	4.695	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	7372	4.931	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	5202	9.178	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	13418	5.251	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	13317	4.948	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	16248	5.242	ug/L	99
3) Chloromethane	2.146	50	28038	5.160	ug/L	98
5) Vinyl chloride	2.281	62	34812	5.228	ug/L	100
6) Bromomethane	2.693	94	15517	4.658	ug/L	100
8) Chloroethane	2.834	64	23900	5.433	ug/L	98
9) Trichlorofluoromethane	3.170	101	24929	5.207	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	13865	5.232	ug/L	90
12) 1,1-Dichloroethene	3.940	96	12158	4.926	ug/L #	77
13) Acetone	4.022	43	3591	4.485	ug/L	91
14) Carbon disulfide	4.269	76	44793	5.579	ug/L	99
15) Methyl Acetate	4.564	43	6401	5.018	ug/L #	91
16) Methylene chloride	4.805	84	17343	5.399	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	12968	4.927	ug/L	83
18) Methyl tert-butyl Ether	5.311	73	12265	2.072	ug/L #	83
19) 1,1-Dichloroethane	6.111	63	25985	4.971	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	13277	4.582	ug/L	90
22) 2-Butanone	7.081	43	5409	5.758	ug/L	84
23) Bromochloromethane	7.428	128	6631	5.391	ug/L	86
25) Chloroform	7.599	83	26579	4.884	ug/L	93
27) 1,2-Dichloroethane	8.328	62	16951	5.097	ug/L #	94
29) Cyclohexane	7.875	56	18479	4.646	ug/L	96
30) 1,1,1-Trichloroethane	7.799	97	21584	4.924	ug/L	98
31) Carbon tetrachloride	7.987	117	19693	5.071	ug/L	98
33) Benzene	8.252	78	57586	4.809	ug/L	100
34) Trichloroethene	9.028	95	13503	4.871	ug/L	90
35) Methylcyclohexane	9.275	83	19794	4.433	ug/L	94
37) 1,2-Dichloropropane	9.310	63	16340	5.004	ug/L #	100
38) Bromodichloromethane	9.581	83	18322	4.815	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	20904	4.559	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	14843	8.683	ug/L	95
42) Toluene	10.334	91	59624	4.727	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	18309	4.530	ug/L	100

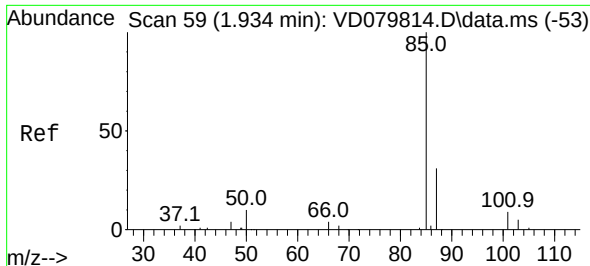
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079809.D
 Acq On : 10 Sep 2024 10:37
 Operator : RP/MD
 Sample : VSTD00538
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Quant Time: Sep 11 05:55:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 05:52:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.728	97	11123	4.985	ug/L	88
46) Tetrachloroethene	10.810	164	10021	5.335	ug/L	88
48) 2-Hexanone	10.916	43	11584	8.331	ug/L #	95
49) Dibromochloromethane	11.069	129	12037	4.943	ug/L	91
50) 1,2-Dibromoethane	11.175	107	9573	4.968	ug/L #	93
51) Chlorobenzene	11.604	112	36676	4.845	ug/L	97
52) Ethylbenzene	11.681	91	59072	4.458	ug/L	99
53) m,p-Xylene	11.793	106	22727	4.528	ug/L	88
54) o-Xylene	12.122	106	22255	4.523	ug/L	72
55) Styrene	12.134	104	37707	4.360	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	12886	4.927	ug/L #	86
59) Bromoform	12.298	173	6217	5.047	ug/L #	94
60) Isopropylbenzene	12.422	105	55710	4.522	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	8850	5.045	ug/L	96
62) 1,3,5-Trimethylbenzene	12.898	105	34411	3.819	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	41017	4.341	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	23998	4.713	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	25959	4.861	ug/L	92
67) 1,2-Dichlorobenzene	13.828	146	21066	4.578	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	1560	4.347	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.587	180	14530	4.707	ug/L	94
70) 1,2,4-trichlorobenzene	15.098	180	11581	4.455	ug/L #	93
71) Naphthalene	15.328	128	25599	4.409	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	10691	4.598	ug/L	94

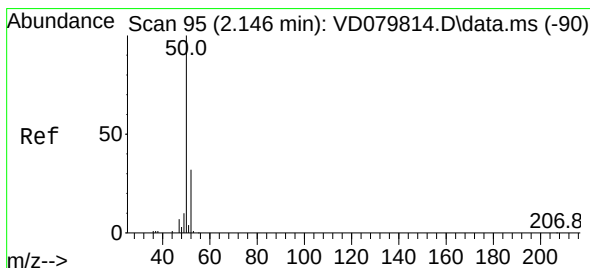
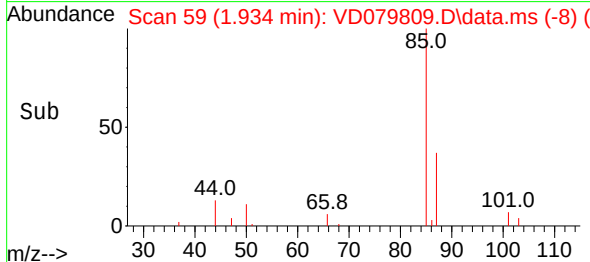
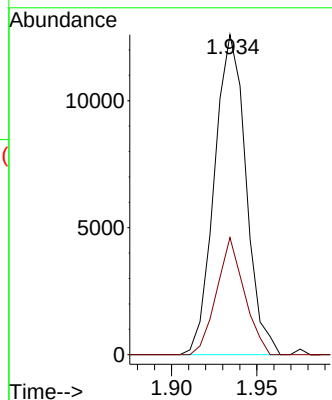
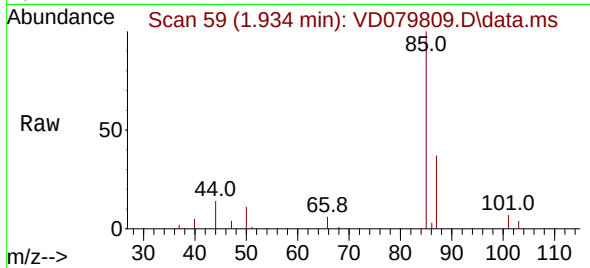
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#2
Dichlorodifluoromethane
Concen: 5.242 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

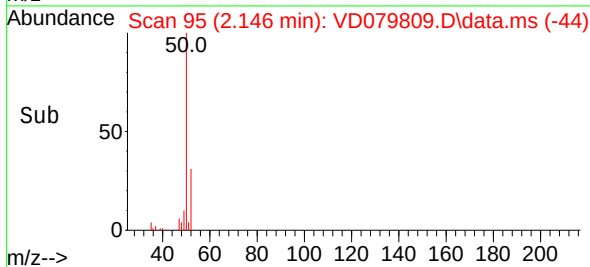
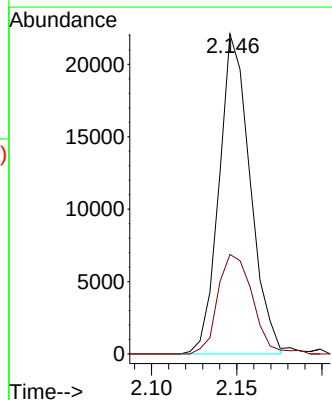
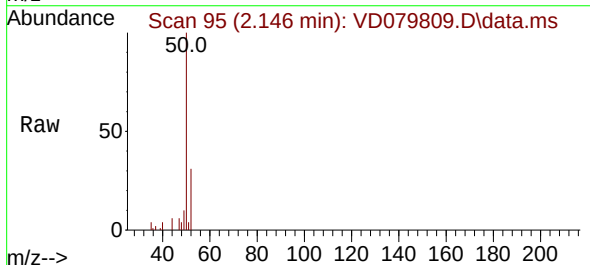
Instrument :
MSVOA_D
ClientSampleId :

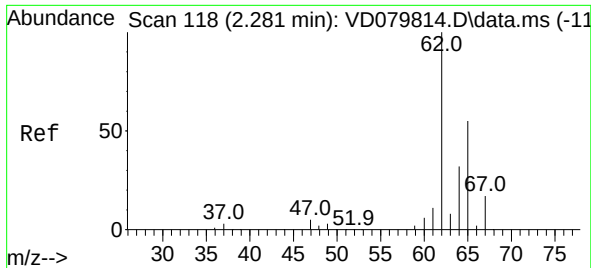
Tgt Ion: 85 Resp: 16248
Ion Ratio Lower Upper
85 100
87 32.1 25.0 37.6



#3
Chloromethane
Concen: 5.160 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 50 Resp: 28038
Ion Ratio Lower Upper
50 100
52 31.1 22.4 41.6

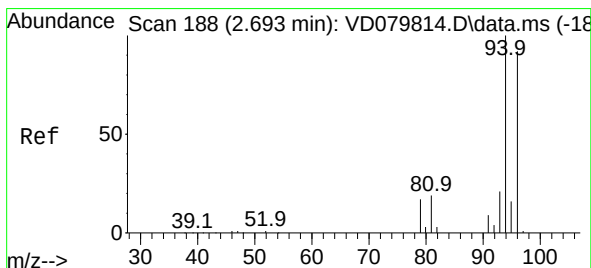
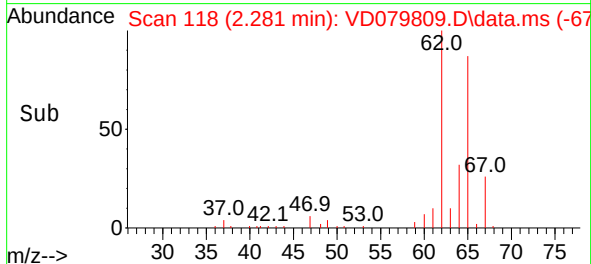
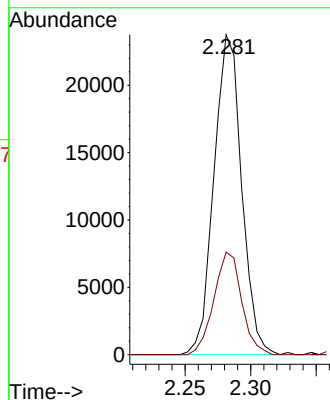
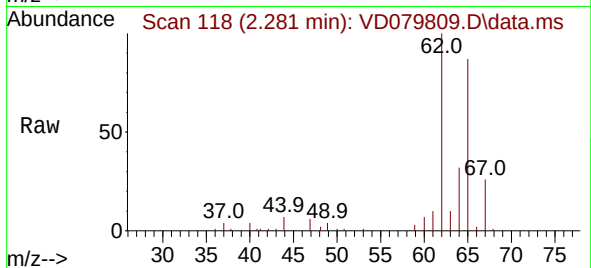




#5
 Vinyl chloride
 Concen: 5.228 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079809.D
 Acq: 10 Sep 2024 10:37

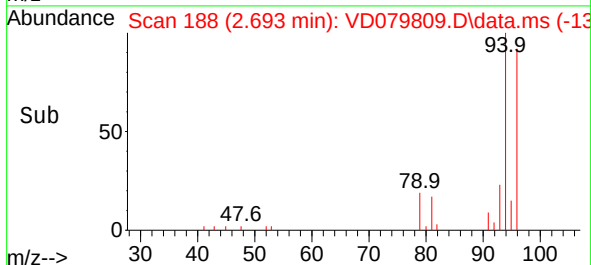
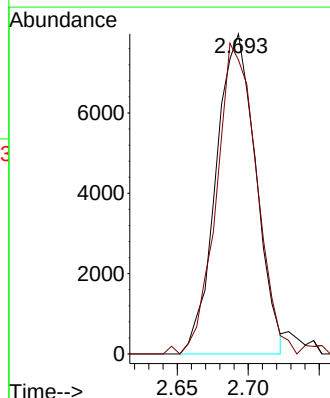
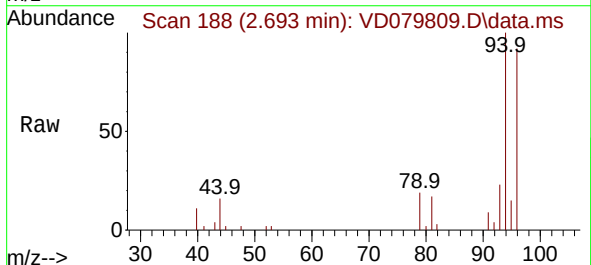
Instrument :
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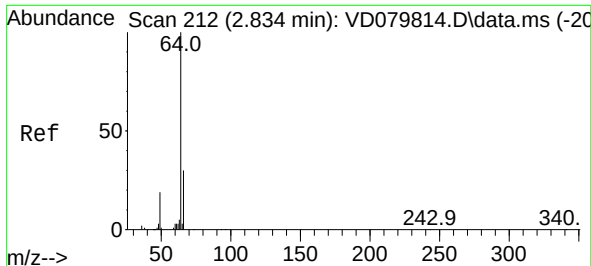
Tgt Ion: 62 Resp: 34812
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.6 42.0



#6
 Bromomethane
 Concen: 4.658 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079809.D
 Acq: 10 Sep 2024 10:37

Tgt Ion: 94 Resp: 15517
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.3 119.5

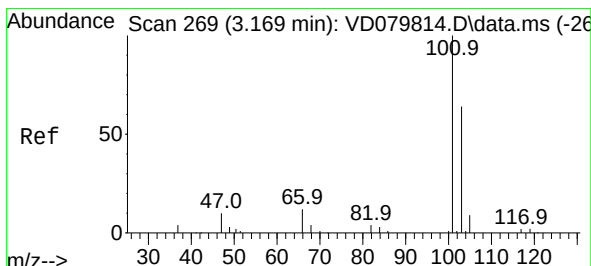
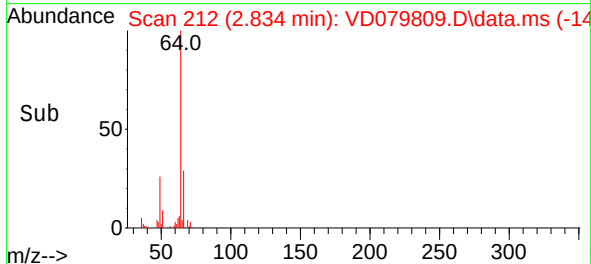
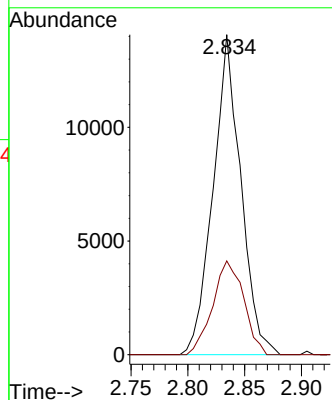
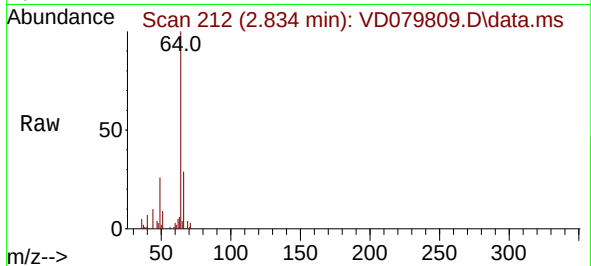




#8
Chloroethane
Concen: 5.433 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

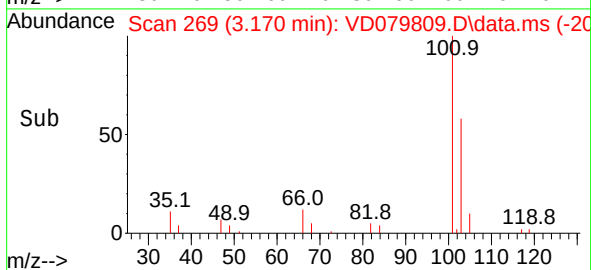
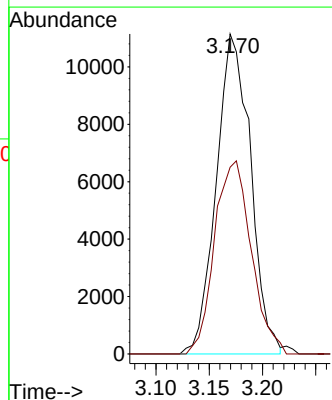
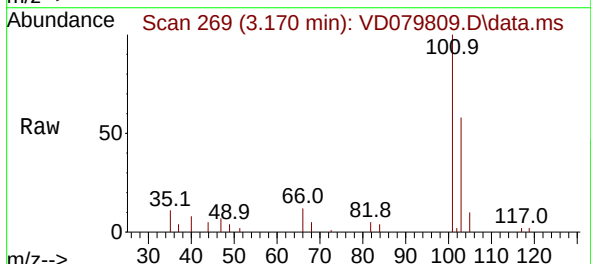
Instrument :
MSVOA_D
ClientSampleId :

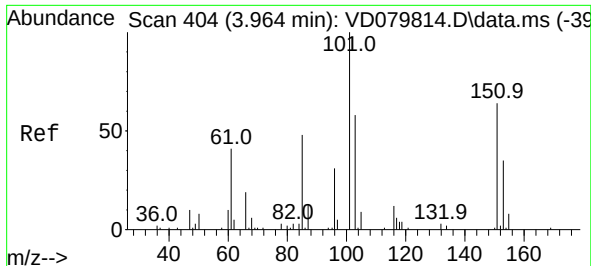
Tgt Ion: 64 Resp: 23900
Ion Ratio Lower Upper
64 100
66 29.3 21.3 39.6



#9
Trichlorofluoromethane
Concen: 5.207 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion:101 Resp: 24929
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7





#10

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

Concen: 5.232 ug/L

RT: 3.958 min Scan# 404

Delta R.T. -0.006 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

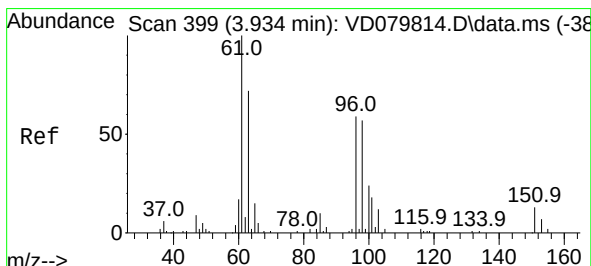
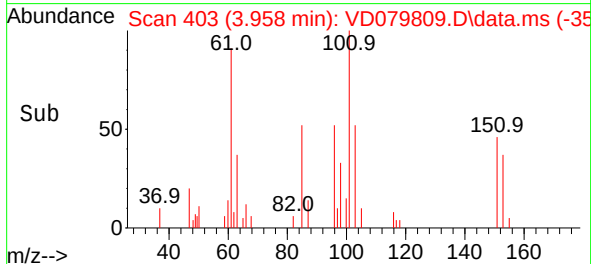
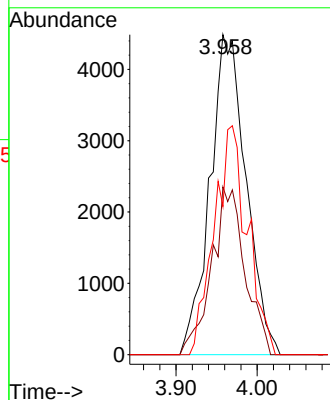
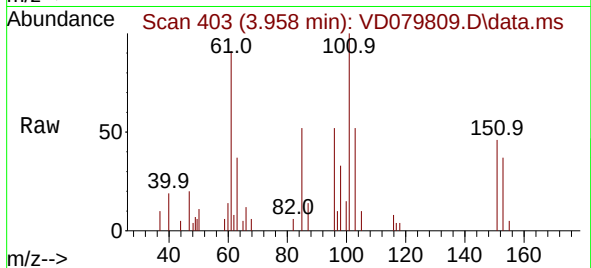
Tgt Ion:101 Resp: 13865

Ion Ratio Lower Upper

101 100

85 48.5 37.8 56.8

151 55.5 54.2 81.4



#12

1,1-Dichloroethene

Concen: 4.926 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

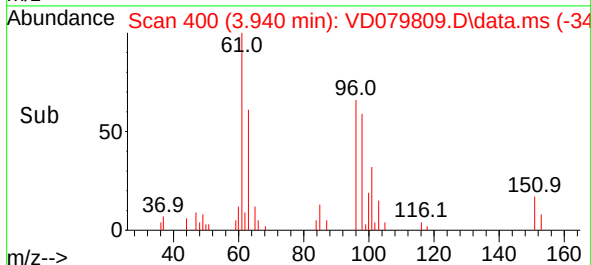
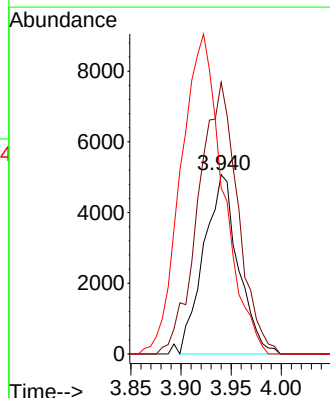
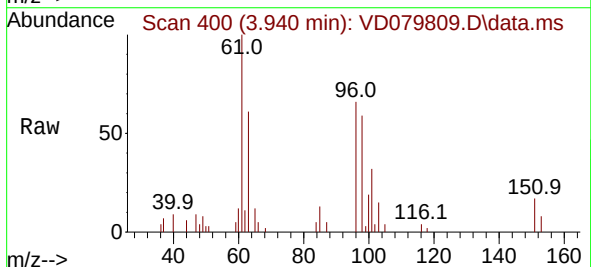
Tgt Ion: 96 Resp: 12158

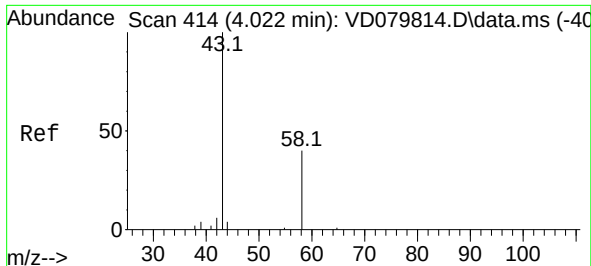
Ion Ratio Lower Upper

96 100

61 151.5 119.8 222.4

63 92.6 93.9 174.3#





#13

Acetone

Concen: 4.485 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

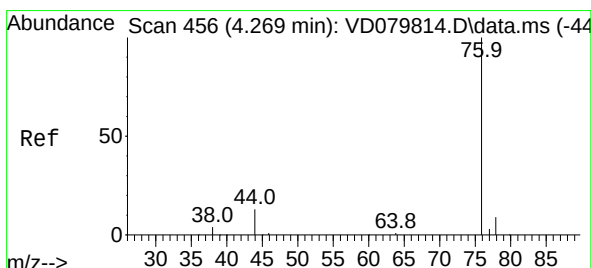
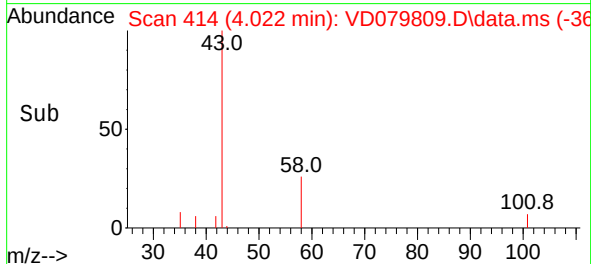
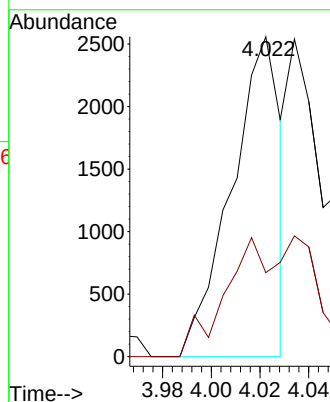
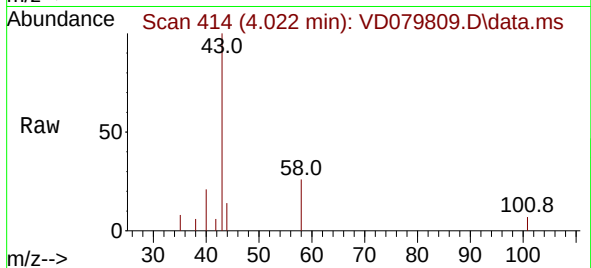
ClientSampleId :

Tgt Ion: 43 Resp: 3591

Ion Ratio Lower Upper

43 100

58 32.2 0.0 75.8



#14

Carbon disulfide

Concen: 5.579 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079809.D

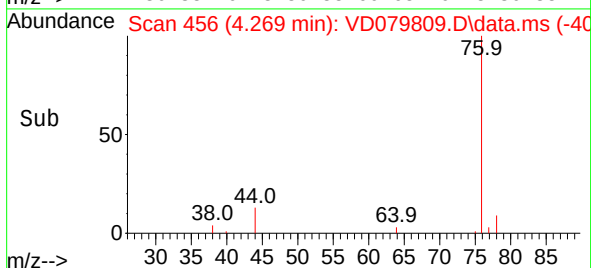
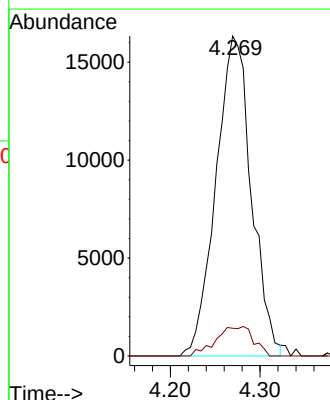
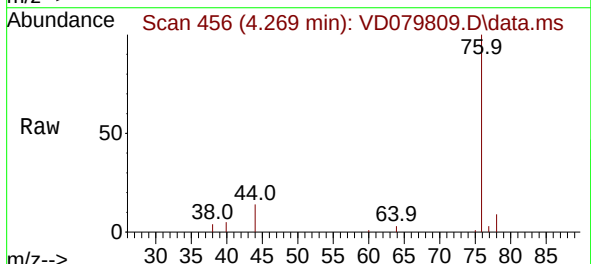
Acq: 10 Sep 2024 10:37

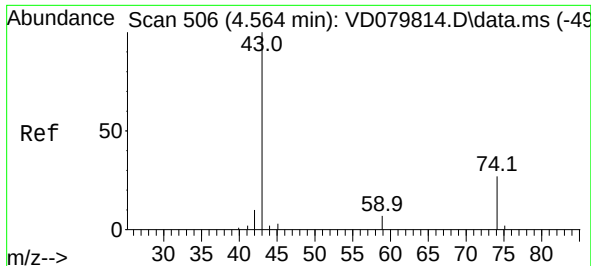
Tgt Ion: 76 Resp: 44793

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

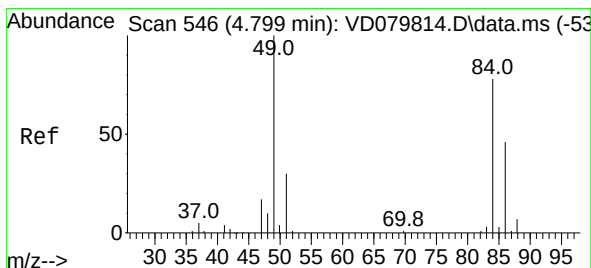
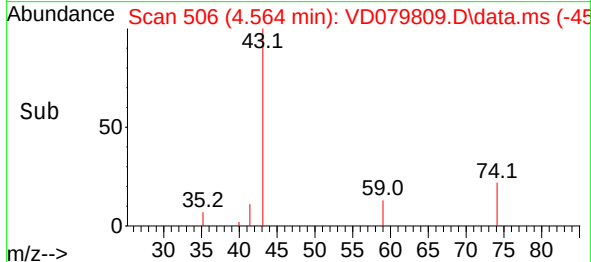
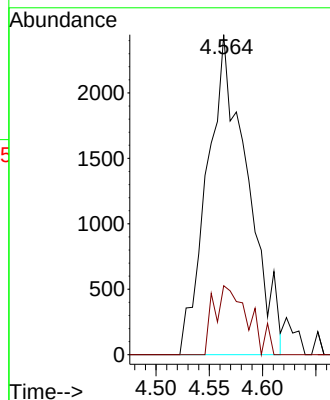
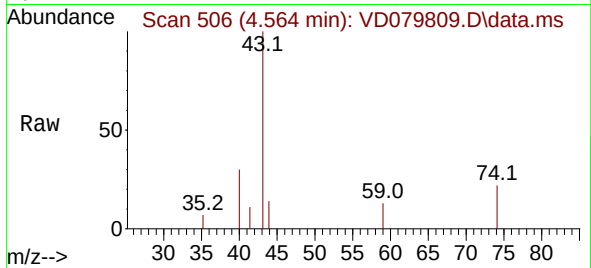




#15
Methyl Acetate
Concen: 5.018 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

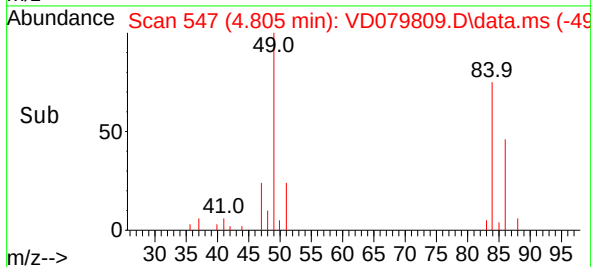
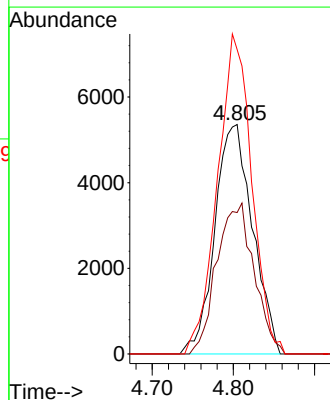
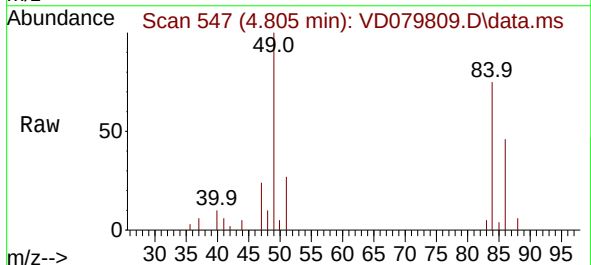
Instrument :
MSVOA_D
ClientSampleId :

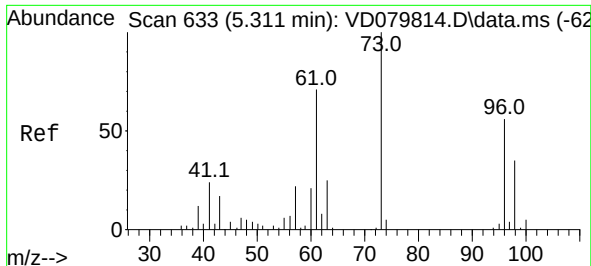
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Ion Ratio Lower Upper
43 100
74 11.0 11.9 17.9#



#16
Methylene chloride
Concen: 5.399 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

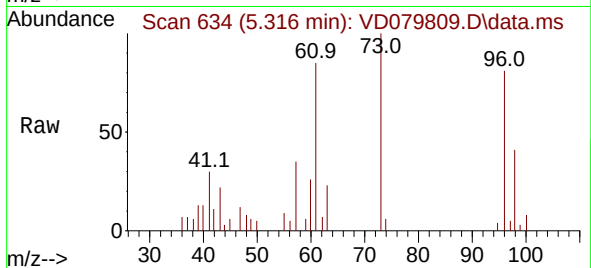
Tgt Ion: 84 Resp: 17343
Ion Ratio Lower Upper
84 100
86 61.6 41.0 76.2
49 132.6 90.0 167.2





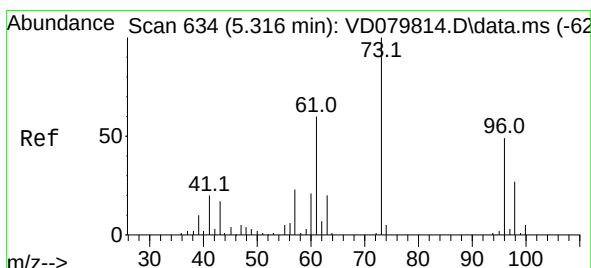
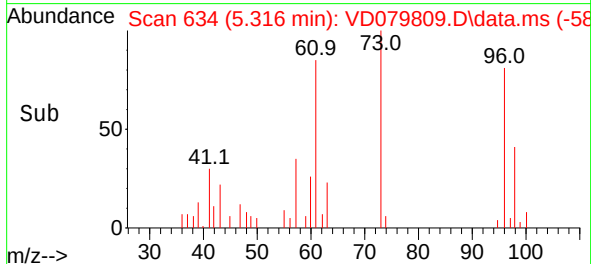
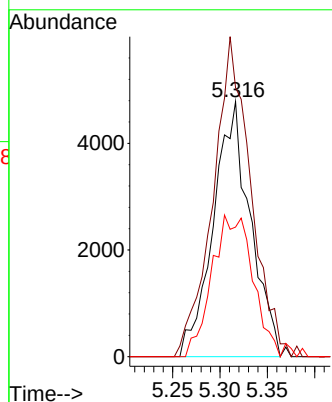
#17
trans-1,2-Dichloroethene
Concen: 4.927 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 12968

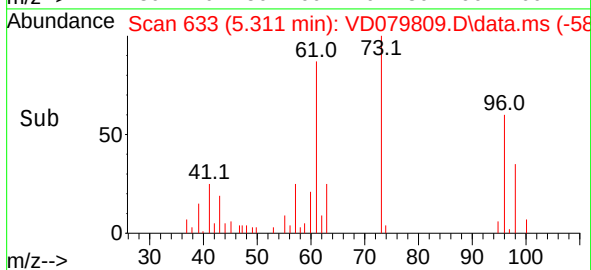
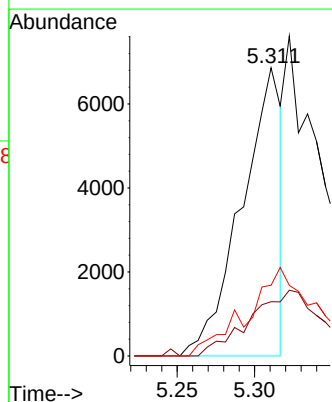
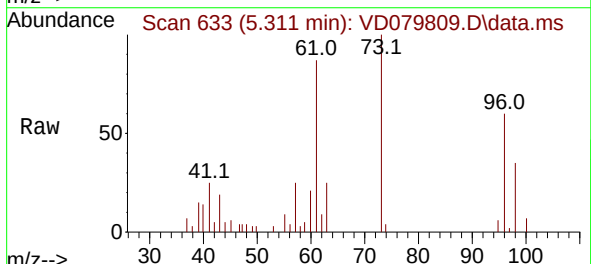
Ion	Ratio	Lower	Upper
96	100		
61	105.4	88.7	164.7
98	50.8	43.8	81.3

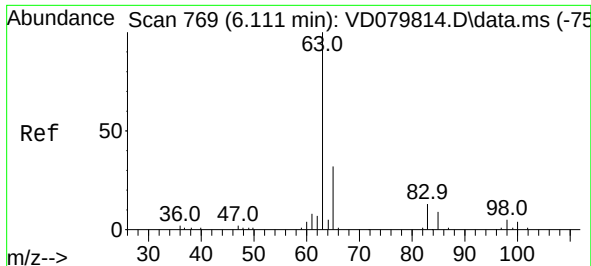


#18
Methyl tert-butyl Ether
Concen: 2.072 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 73 Resp: 12265

Ion	Ratio	Lower	Upper
73	100		
43	19.9	14.5	21.7
57	9.9	18.8	28.2

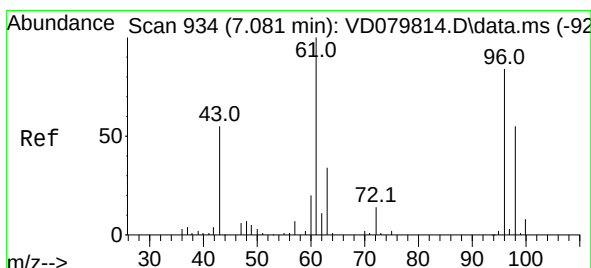
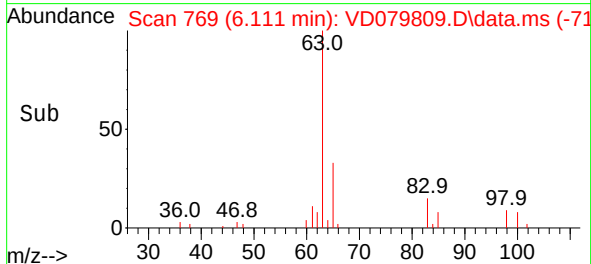
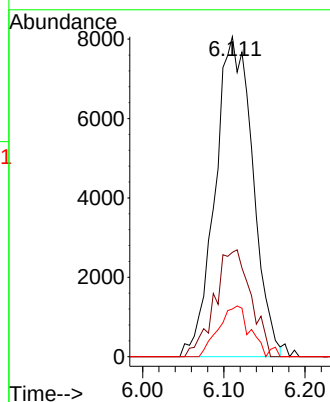
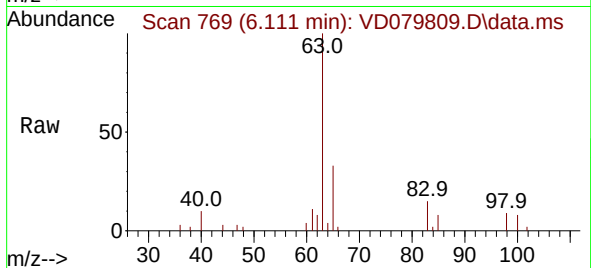




#19
1,1-Dichloroethane
Concen: 4.971 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

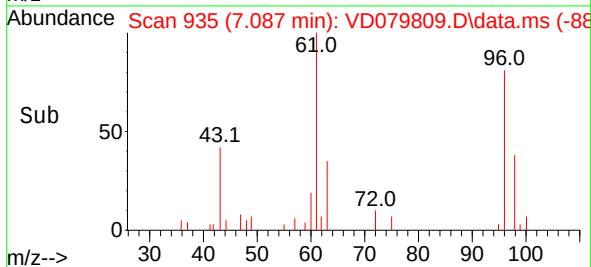
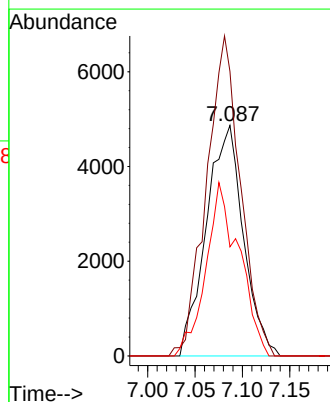
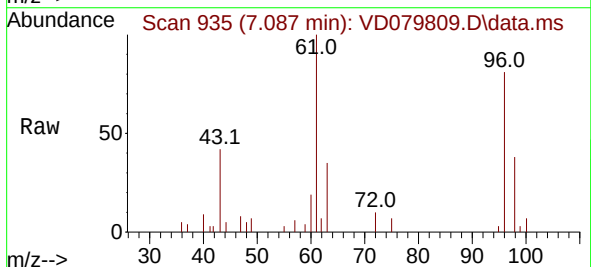
Instrument :
MSVOA_D
ClientSampleId :

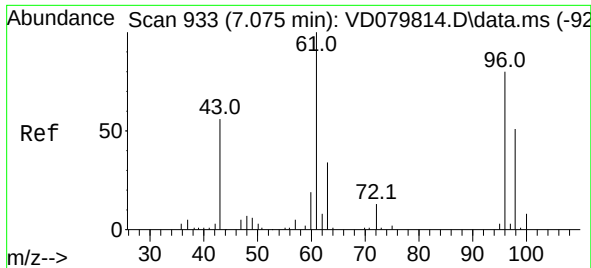
Tgt Ion: 63	Resp: 25985
Ion Ratio	Lower Upper
63 100	
65 32.6	22.6 42.0
83 14.9	9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 4.582 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 96	Resp: 13277
Ion Ratio	Lower Upper
96 100	
61 123.4	83.8 155.6
98 47.4	45.9 85.3

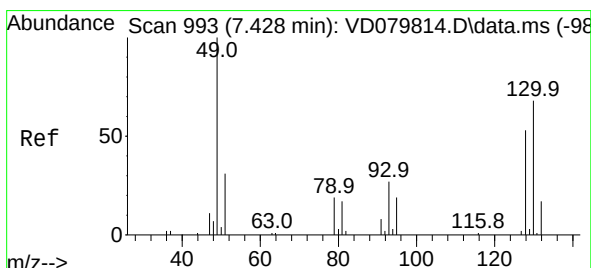
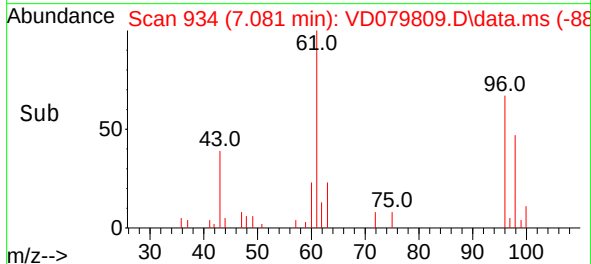
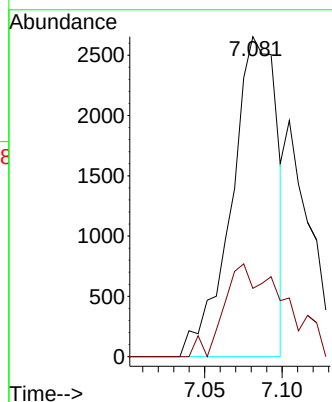
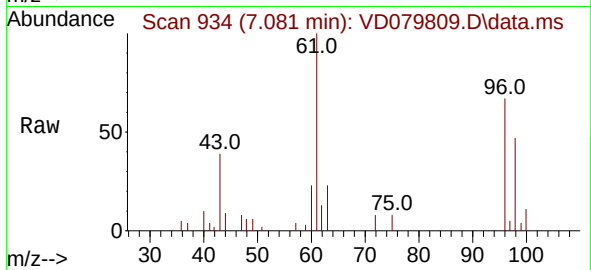




#22
2-Butanone
Concen: 5.758 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

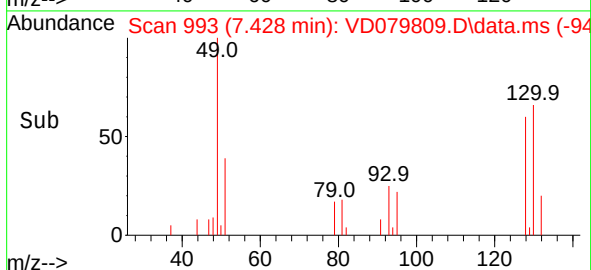
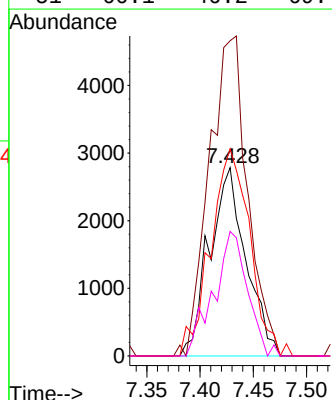
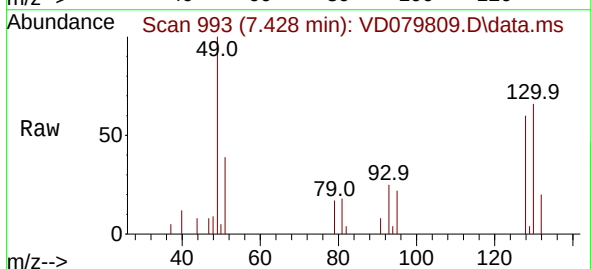
Instrument :
MSVOA_D
ClientSampleId :

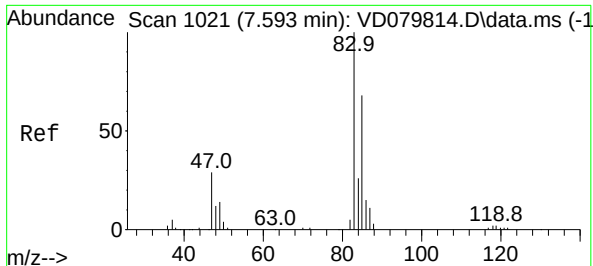
Tgt Ion: 43 Resp: 5409
Ion Ratio Lower Upper
43 100
72 17.8 13.1 39.3



#23
Bromochloromethane
Concen: 5.391 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 128 Resp: 6631
Ion Ratio Lower Upper
128 100
49 167.4 132.3 245.7
130 110.1 89.4 166.0
51 66.1 46.2 69.4

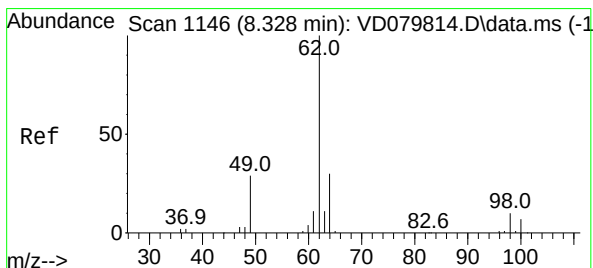
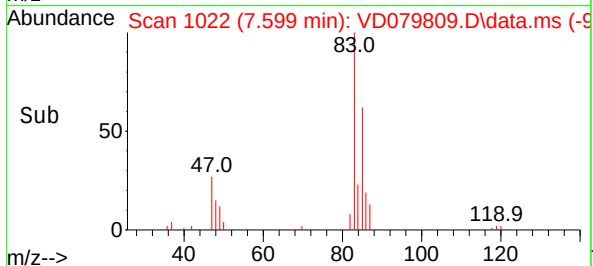
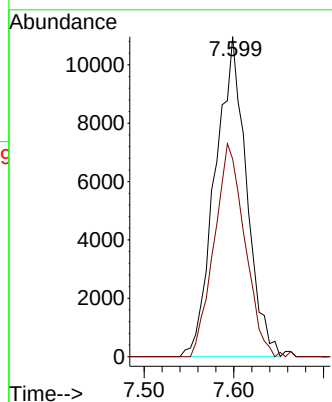
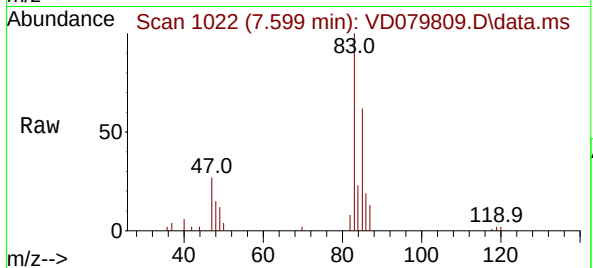




#25
Chloroform
Concen: 4.884 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

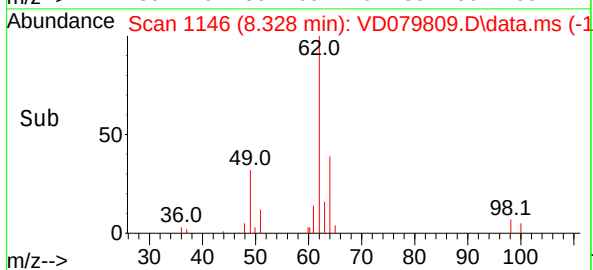
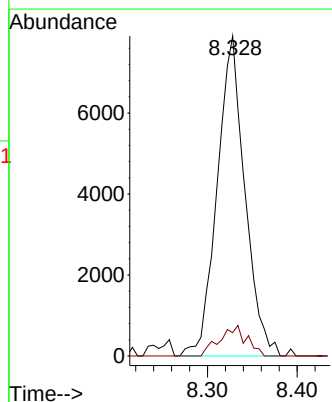
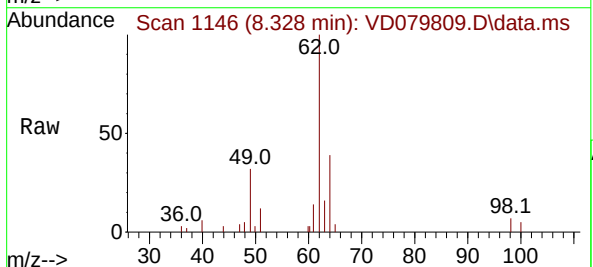
Instrument :
MSVOA_D
ClientSampleId :

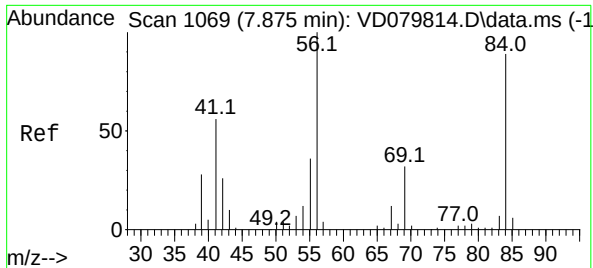
Tgt Ion: 83 Resp: 26579
Ion Ratio Lower Upper
83 100
85 61.7 47.3 87.9



#27
1,2-Dichloroethane
Concen: 5.097 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 62 Resp: 16951
Ion Ratio Lower Upper
62 100
98 7.3 7.5 11.3#





#29

Cyclohexane

Concen: 4.646 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

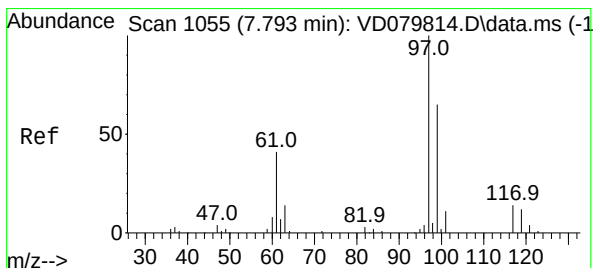
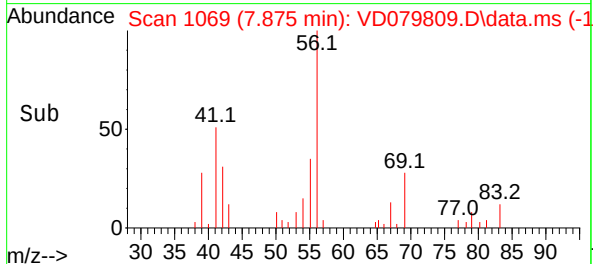
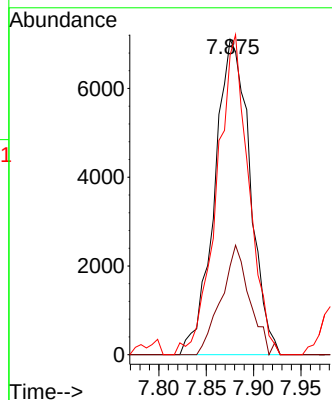
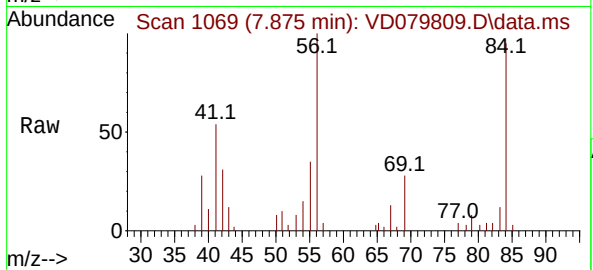
Tgt Ion: 56 Resp: 18479

Ion Ratio Lower Upper

56 100

69 27.5 22.8 34.2

84 90.8 69.1 103.7



#30

1,1,1-Trichloroethane

Concen: 4.924 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

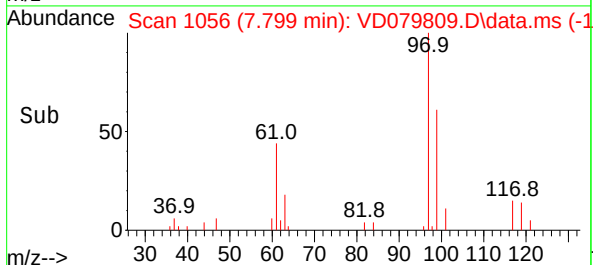
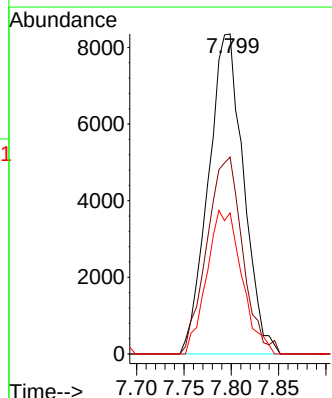
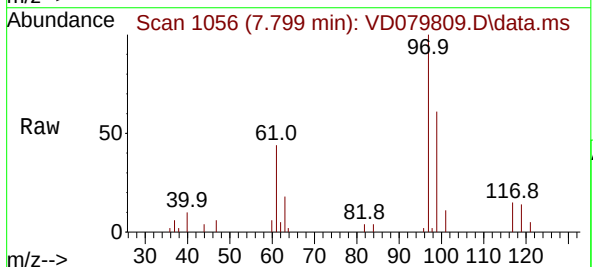
Tgt Ion: 97 Resp: 21584

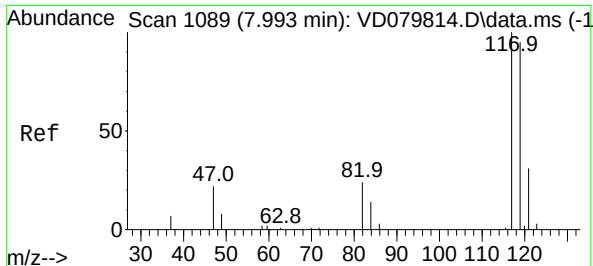
Ion Ratio Lower Upper

97 100

99 61.8 51.9 77.9

61 44.6 35.4 53.2

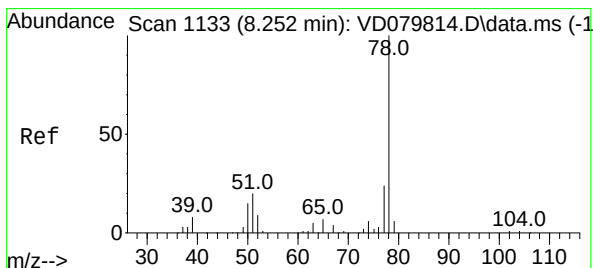
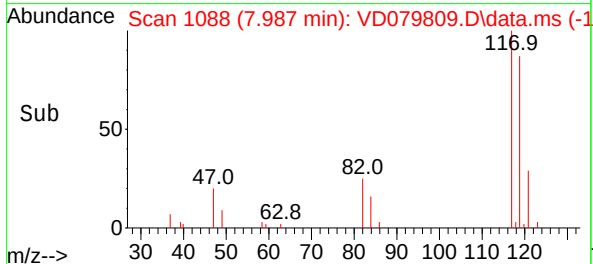
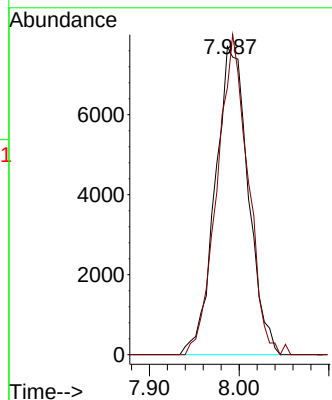
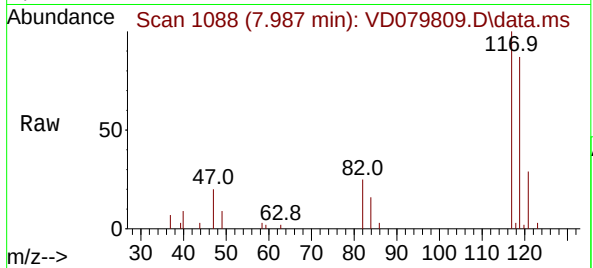




#31
Carbon tetrachloride
Concen: 5.071 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

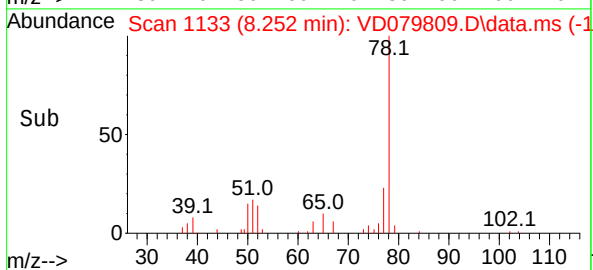
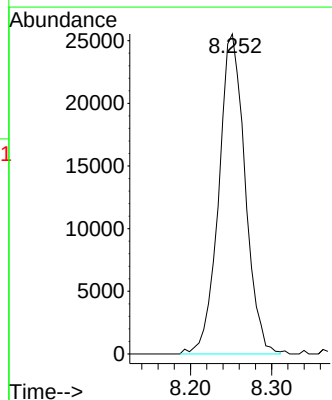
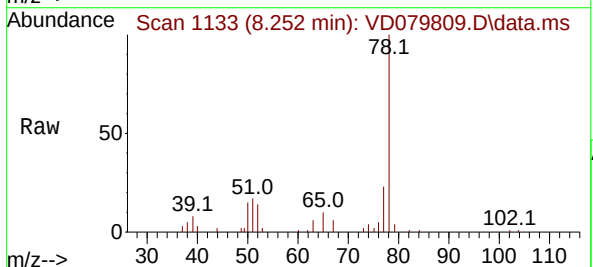
Instrument :
MSVOA_D
ClientSampleId :

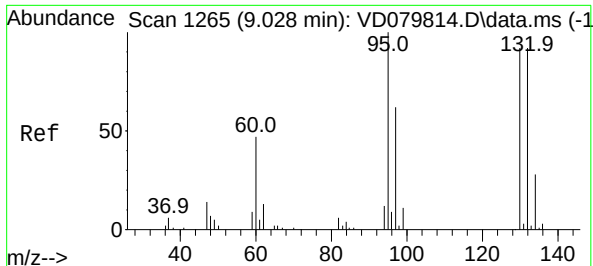
Tgt Ion:117 Resp: 19693
Ion Ratio Lower Upper
117 100
119 96.9 76.0 114.0



#33
Benzene
Concen: 4.809 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 78 Resp: 57586





#34

Trichloroethene

Concen: 4.871 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 13503

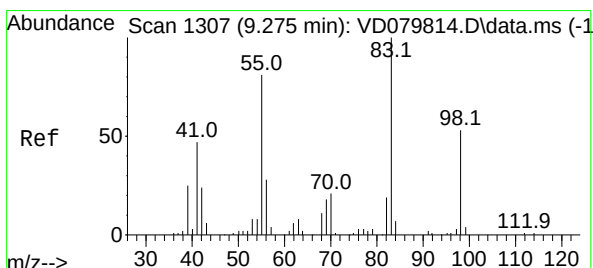
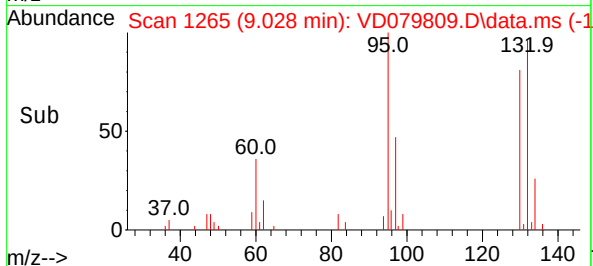
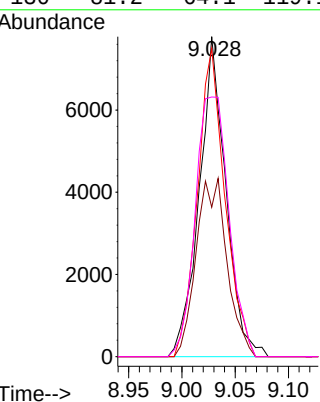
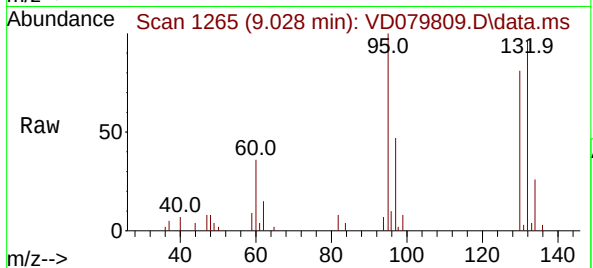
Ion Ratio Lower Upper

95 100

97 49.1 43.5 80.7

132 96.3 64.5 119.7

130 81.2 64.1 119.1



#35

Methylcyclohexane

Concen: 4.433 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

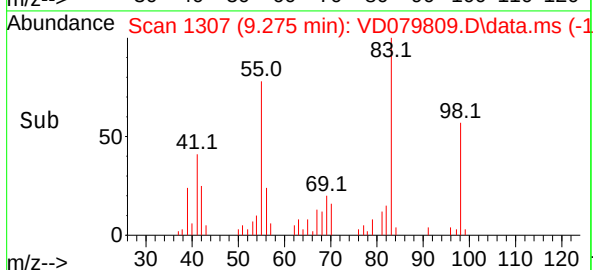
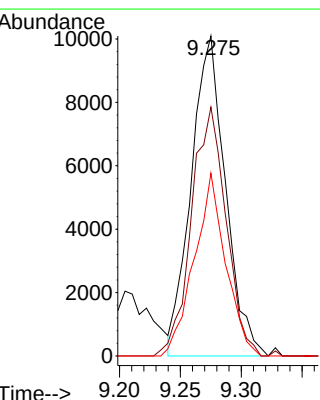
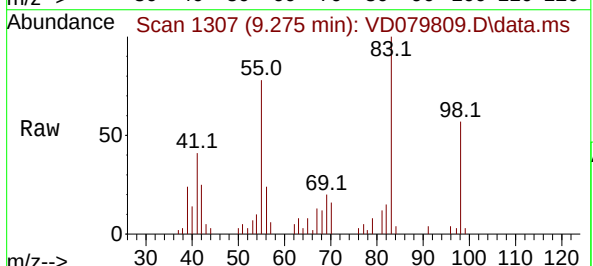
Tgt Ion: 83 Resp: 19794

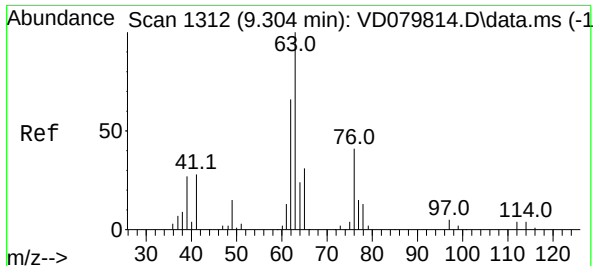
Ion Ratio Lower Upper

83 100

55 78.4 58.9 88.3

98 52.4 38.6 58.0

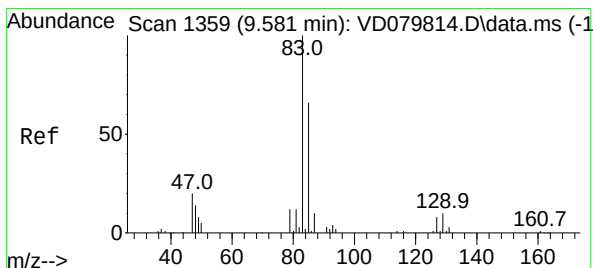
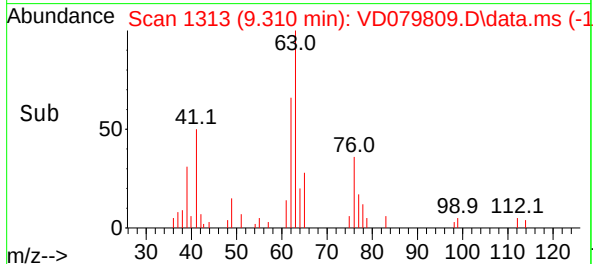
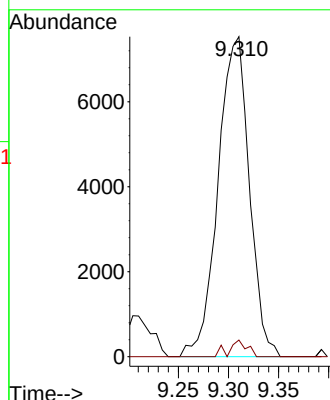
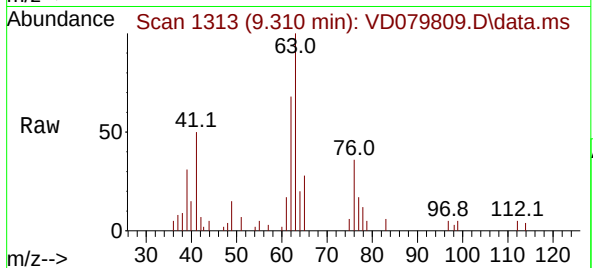




#37
1,2-Dichloropropane
Concen: 5.004 ug/L
RT: 9.310 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

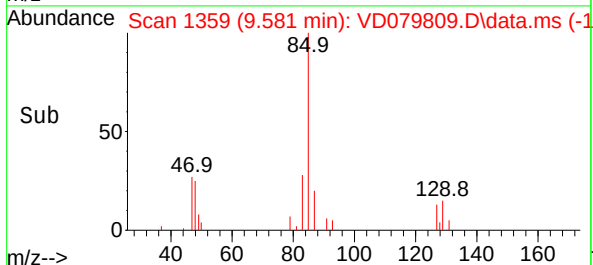
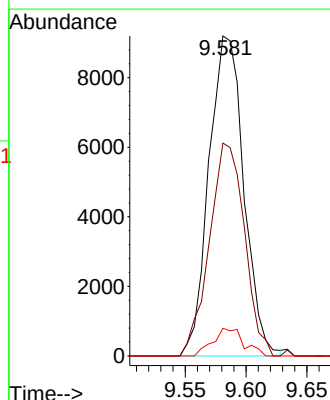
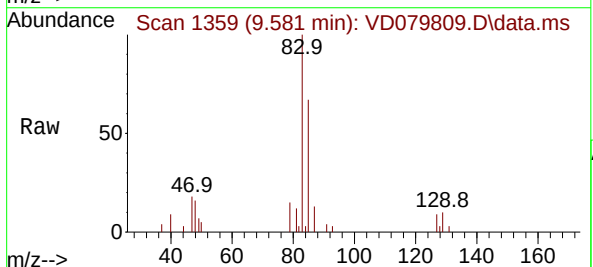
Instrument :
MSVOA_D
ClientSampleId :

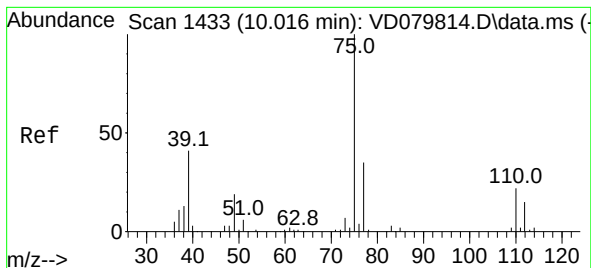
Tgt Ion: 63 Resp: 16340
Ion Ratio Lower Upper
63 100
112 2.4 0.0 0.0#



#38
Bromodichloromethane
Concen: 4.815 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 83 Resp: 18322
Ion Ratio Lower Upper
83 100
85 66.6 45.9 85.3
127 8.7 6.7 10.1

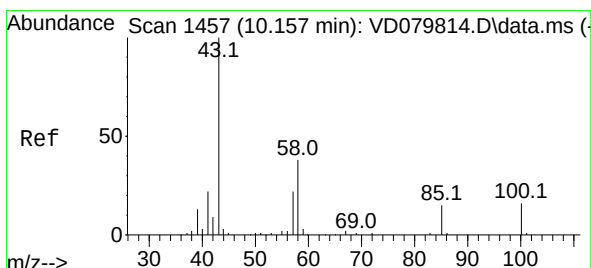
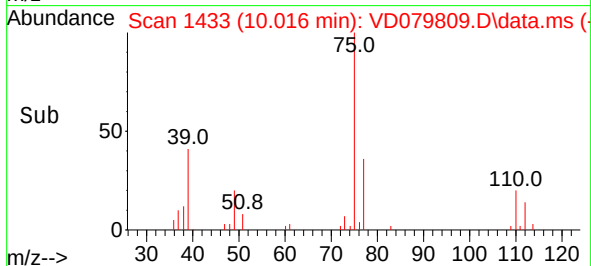
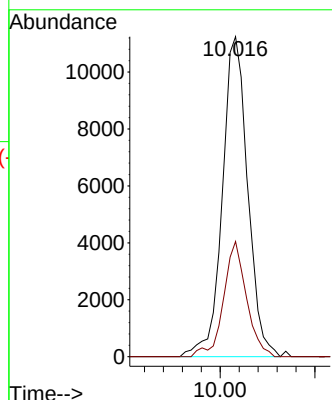
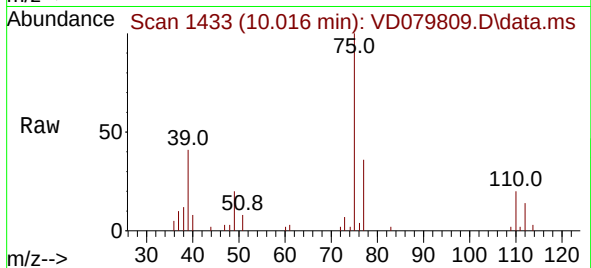




#39
 cis-1,3-Dichloropropene
 Concen: 4.559 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079809.D
 Acq: 10 Sep 2024 10:37

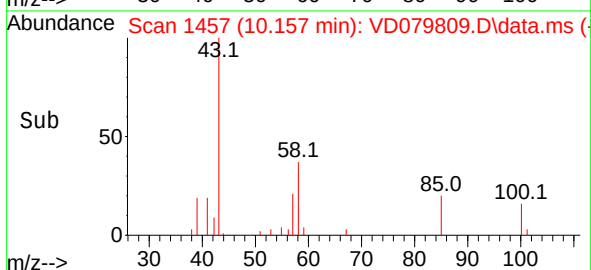
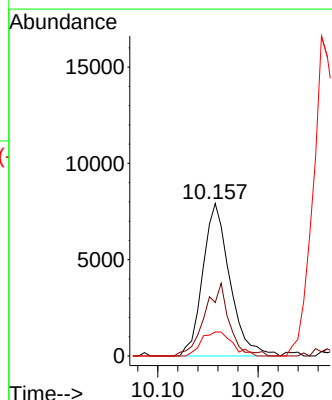
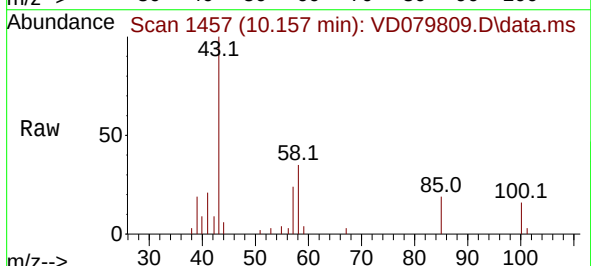
Instrument :
 MSVOA_D
 ClientSampleId :

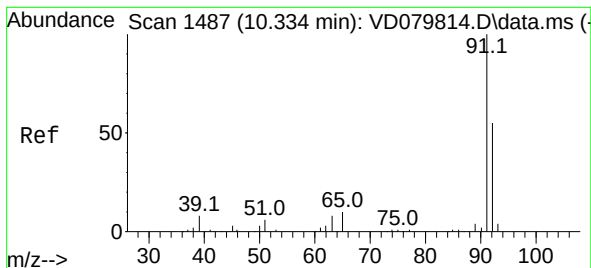
Tgt Ion: 75 Resp: 20904
 Ion Ratio Lower Upper
 75 100
 77 36.0 24.1 44.8



#40
 4-Methyl-2-pentanone
 Concen: 8.683 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD079809.D
 Acq: 10 Sep 2024 10:37

Tgt Ion: 43 Resp: 14843
 Ion Ratio Lower Upper
 43 100
 58 41.8 31.1 46.7
 100 16.8 11.8 17.6





#42

Toluene

Concen: 4.727 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

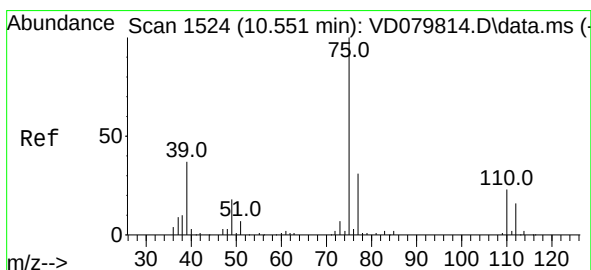
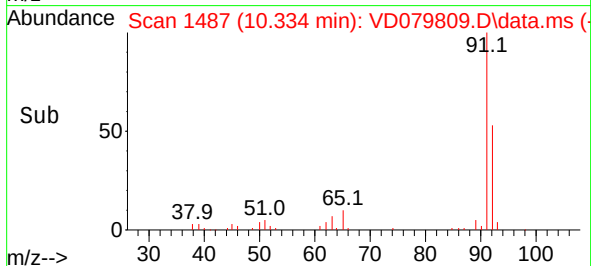
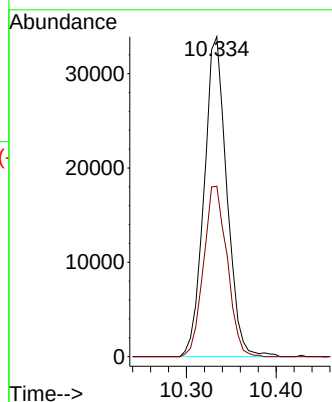
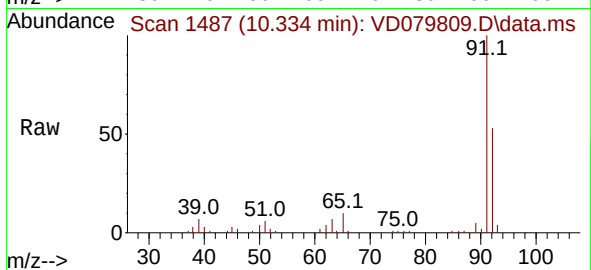
ClientSampleId :

Tgt Ion: 91 Resp: 59624

Ion Ratio Lower Upper

91 100

92 53.2 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 4.530 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079809.D

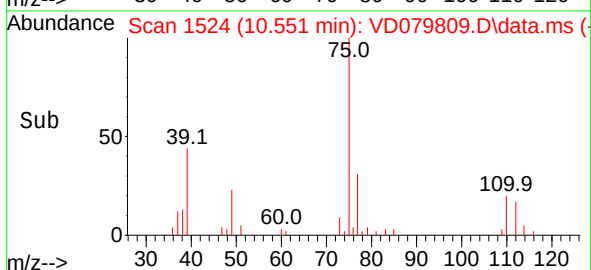
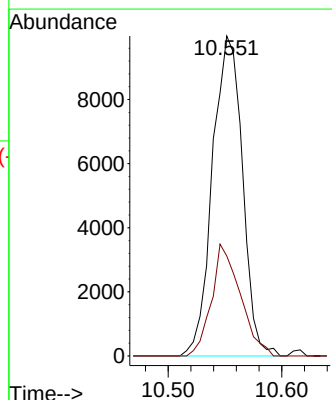
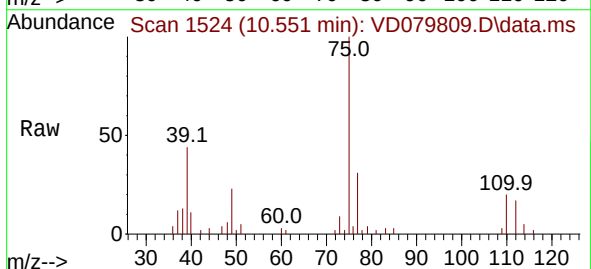
Acq: 10 Sep 2024 10:37

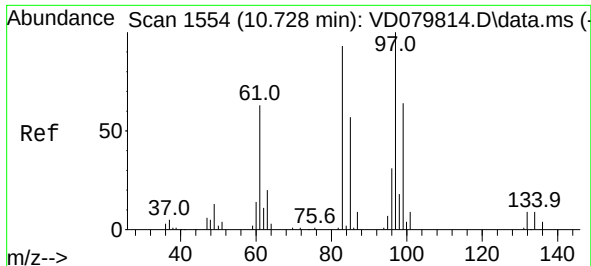
Tgt Ion: 75 Resp: 18309

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 4.985 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

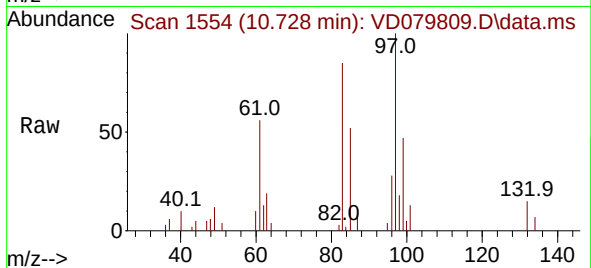
Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 11123

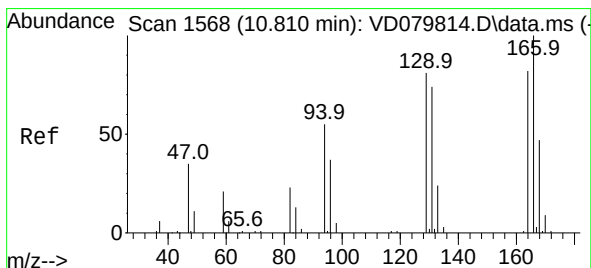
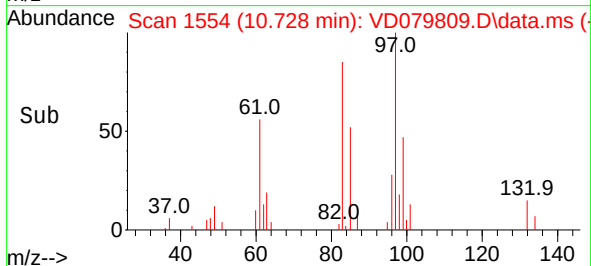
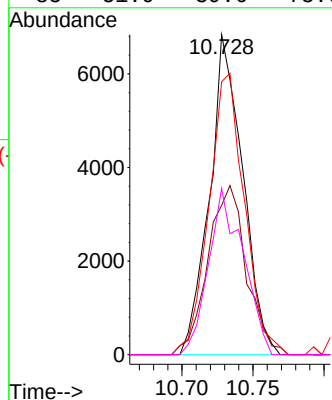
Ion Ratio Lower Upper

97 100

99 46.7 45.1 83.7

83 85.3 65.2 121.0

85 51.9 39.6 73.6



#46

Tetrachloroethene

Concen: 5.335 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Tgt Ion: 164 Resp: 10021

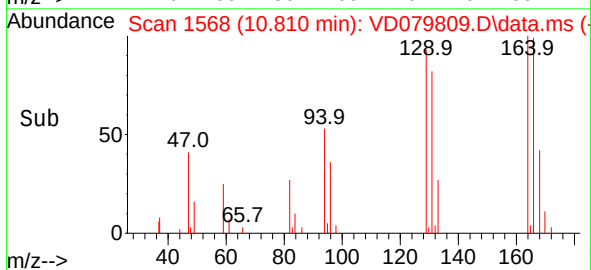
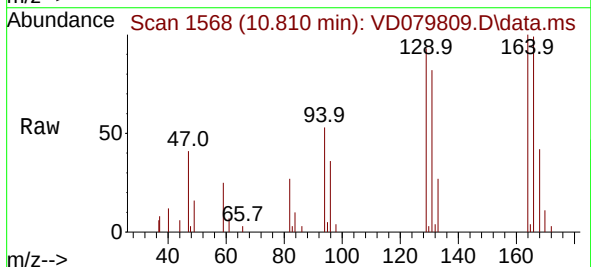
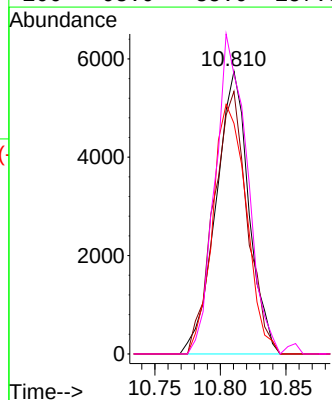
Ion Ratio Lower Upper

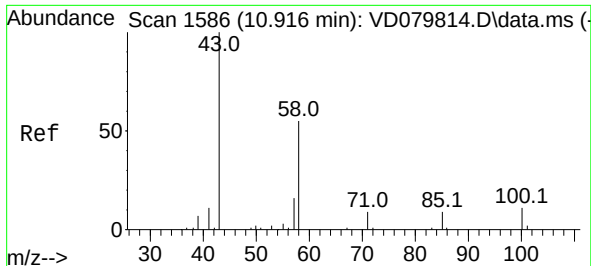
164 100

129 92.9 68.7 127.5

131 81.6 62.5 116.1

166 98.9 85.0 157.8

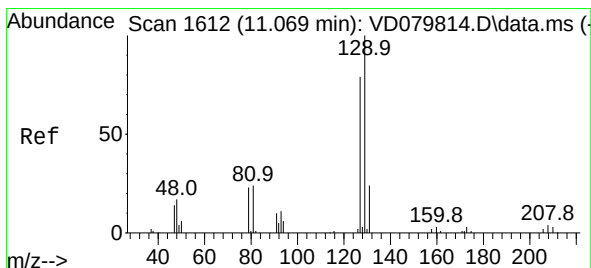
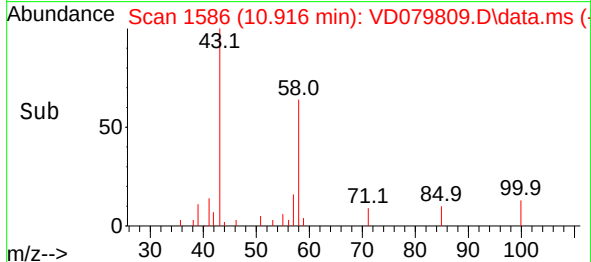
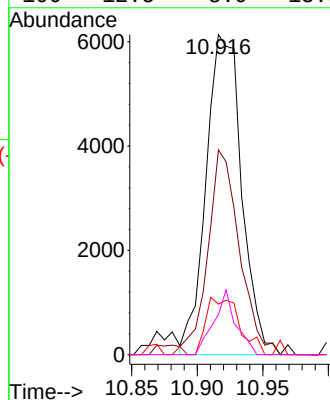
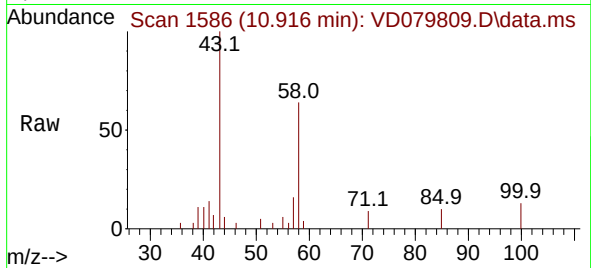




#48
2-Hexanone
Concen: 8.331 ug/L
RT: 10.916 min Scan# 11584
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

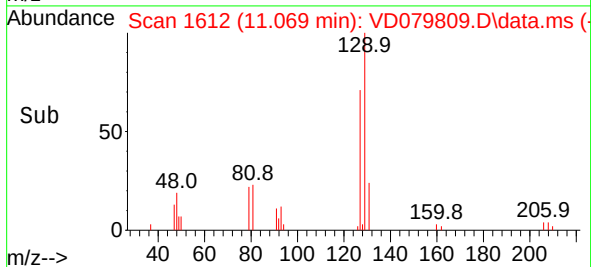
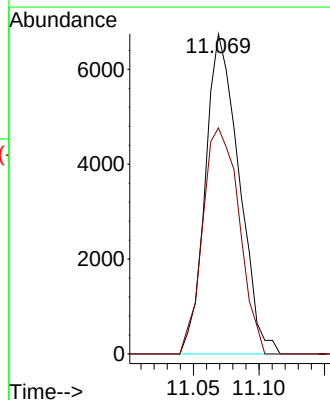
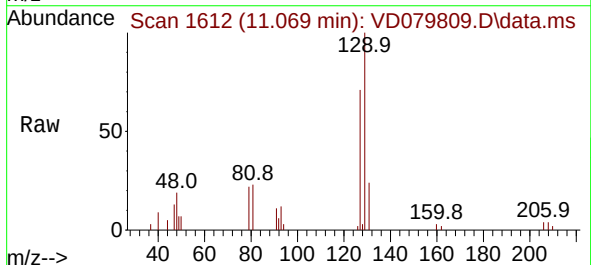
Instrument :
MSVOA_D
ClientSampleId :

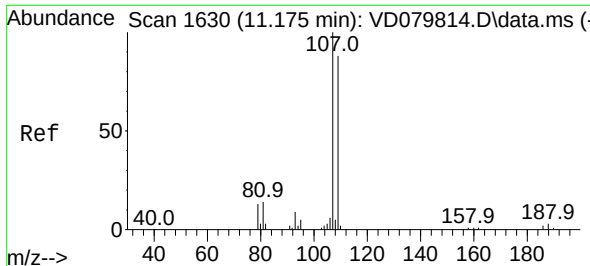
Tgt Ion: 43	Resp: 11584
Ion Ratio	Lower Upper
43 100	
58 56.6	44.7 67.1
57 7.6	13.6 20.4#
100 12.5	8.9 13.3



#49
Dibromochloromethane
Concen: 4.943 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion:129	Resp: 12037		
Ion Ratio	Lower	Upper	
129 100			
127 70.6	55.2	102.6	





#50

1,2-Dibromoethane

Concen: 4.968 ug/L

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079809.D

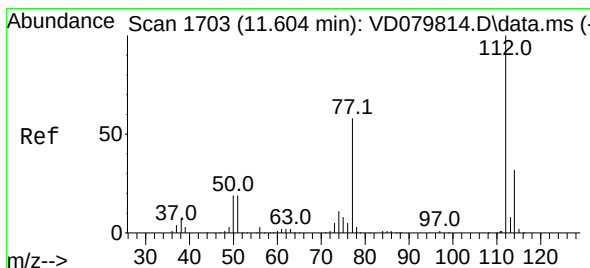
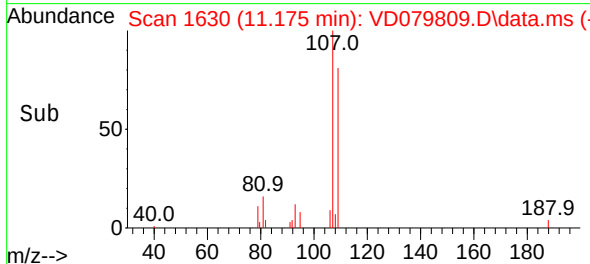
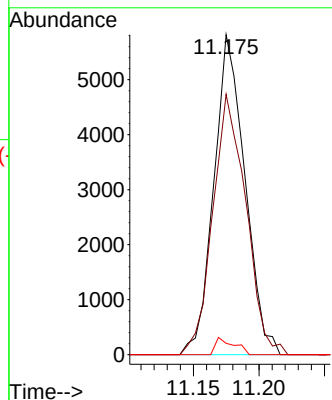
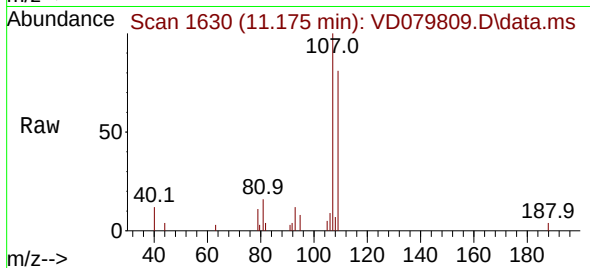
Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	9573
Ion	Ratio	Lower	Upper
107	100		
109	81.4	61.5	114.1
188	3.5	2.3	3.5#



#51

Chlorobenzene

Concen: 4.845 ug/L

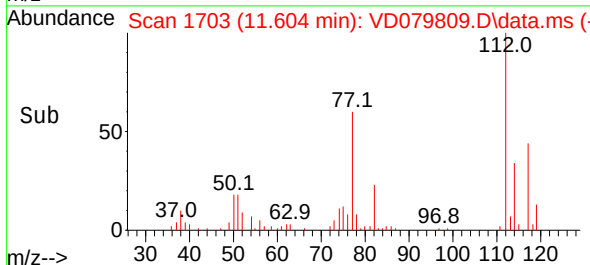
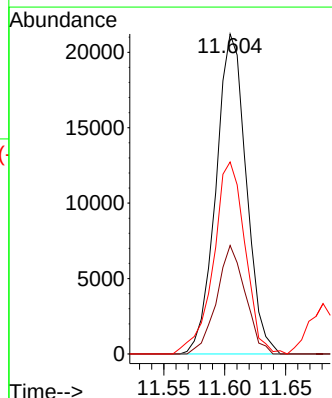
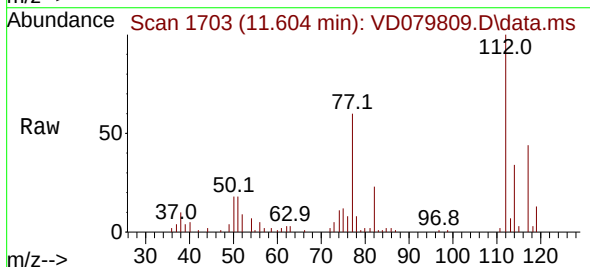
RT: 11.604 min Scan# 1703

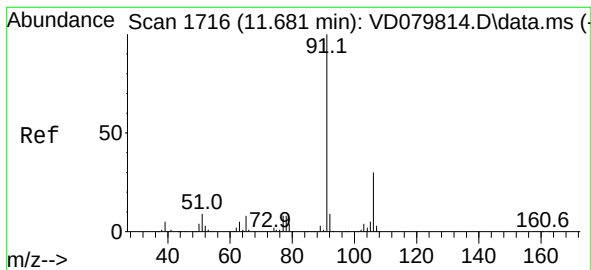
Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Tgt Ion:	112	Resp:	36676
Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.0	41.0
77	60.0	46.7	70.1





#52

Ethylbenzene

Concen: 4.458 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

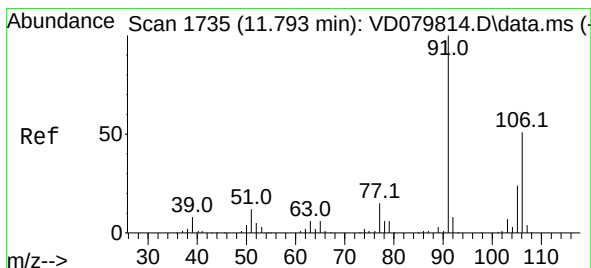
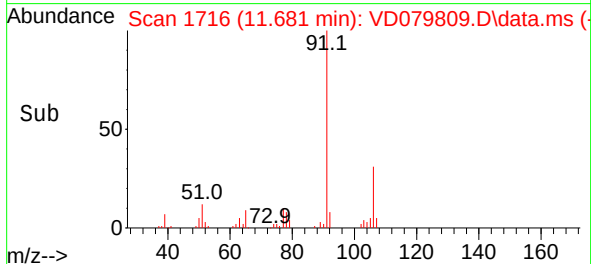
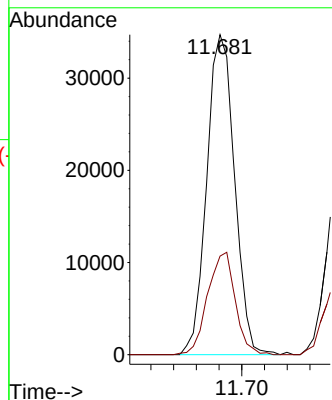
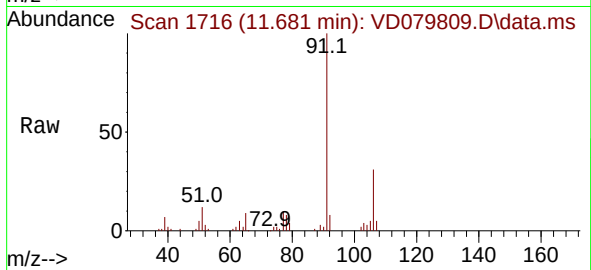
ClientSampleId :

Tgt Ion: 91 Resp: 59072

Ion Ratio Lower Upper

91 100

106 30.8 21.3 39.5



#53

m,p-Xylene

Concen: 4.528 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079809.D

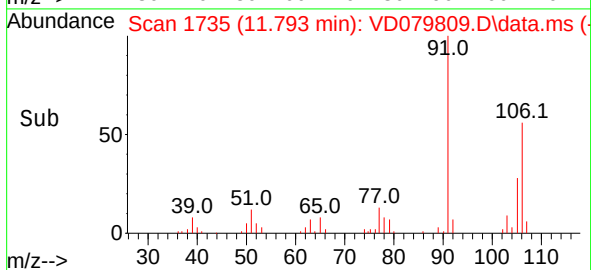
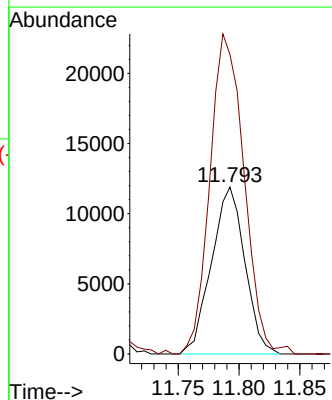
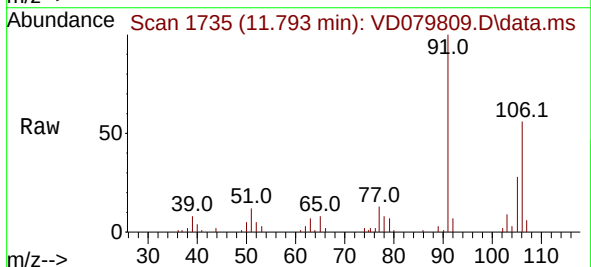
Acq: 10 Sep 2024 10:37

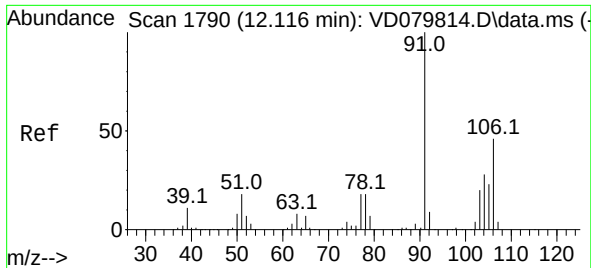
Tgt Ion:106 Resp: 22727

Ion Ratio Lower Upper

106 100

91 179.5 138.3 256.9

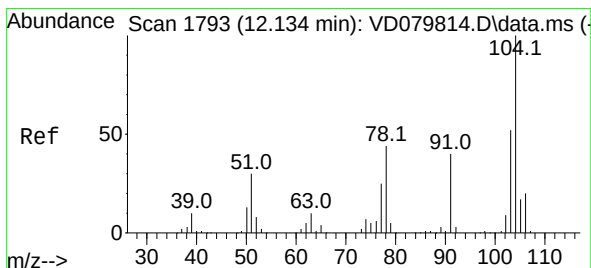
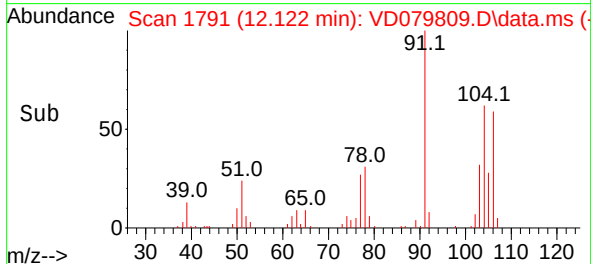
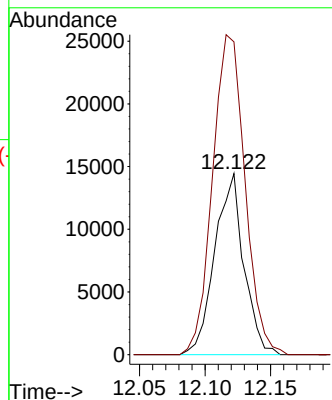
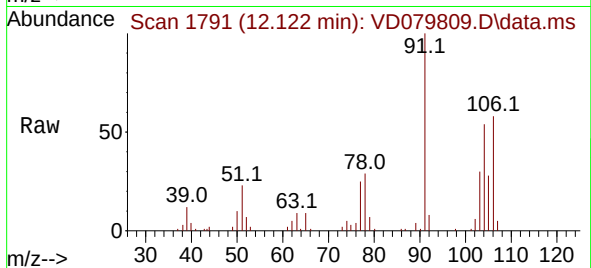




#54
o-Xylene
Concen: 4.523 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

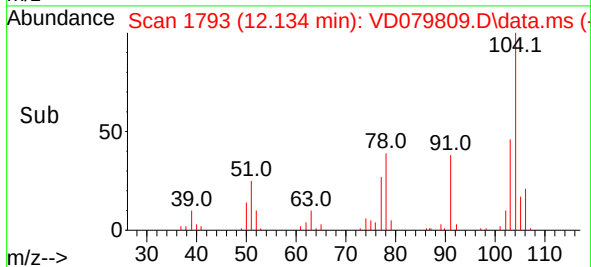
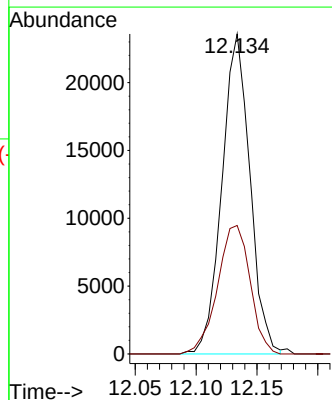
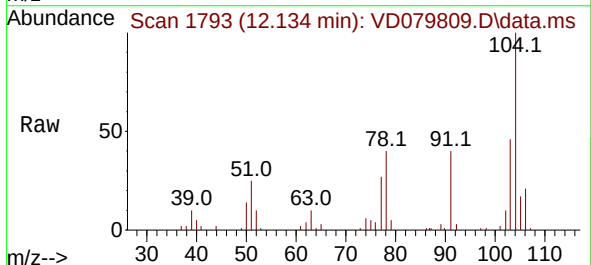
Instrument :
MSVOA_D
ClientSampleId :

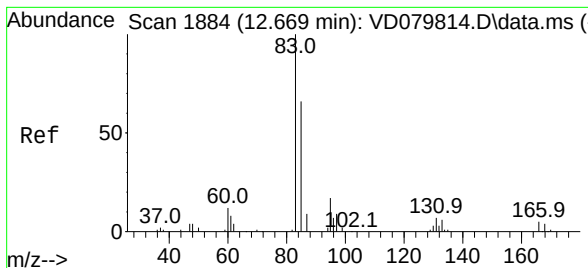
Tgt Ion:106 Resp: 22255
Ion Ratio Lower Upper
106 100
91 172.7 152.6 283.4



#55
Styrene
Concen: 4.360 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion:104 Resp: 37707
Ion Ratio Lower Upper
104 100
78 40.1 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.927 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079809.D

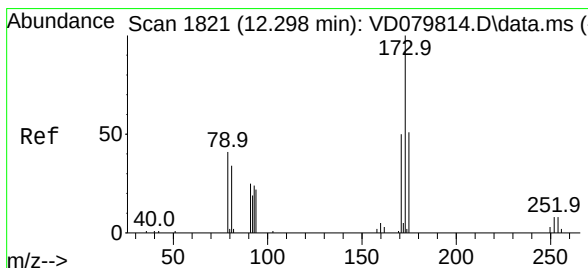
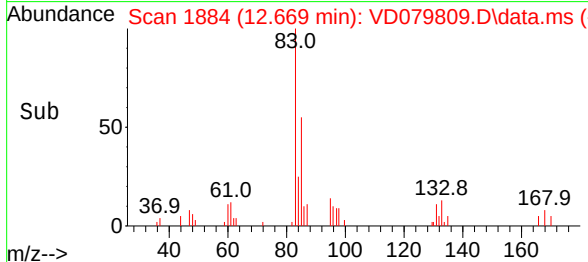
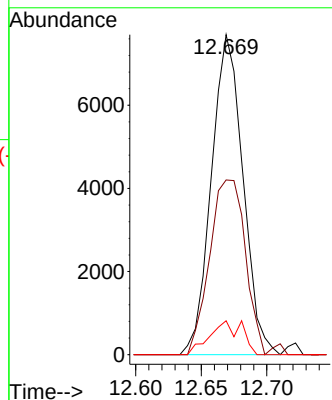
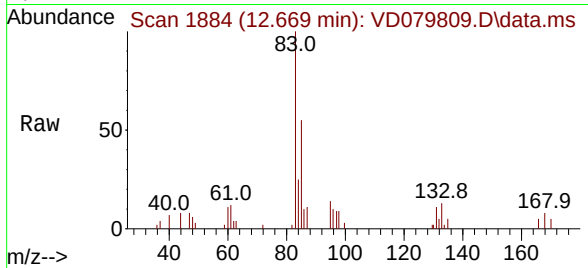
Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 12886
Ion Ratio	Lower Upper
83	100
85	54.6 46.8 87.0
131	10.6 6.5 9.7#



#59

Bromoform

Concen: 5.047 ug/L

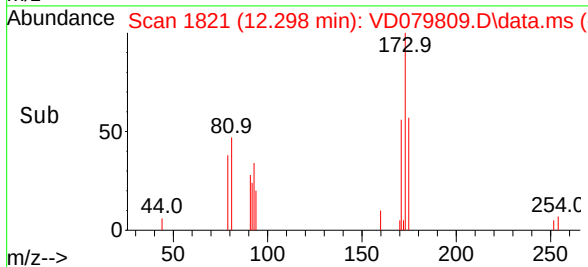
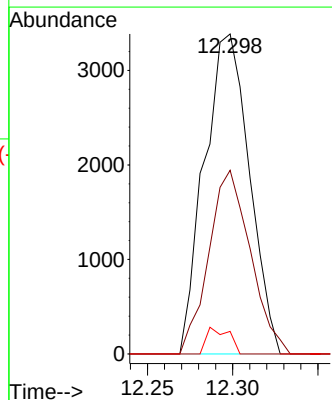
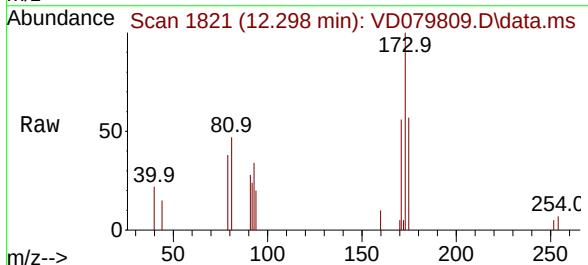
RT: 12.298 min Scan# 1821

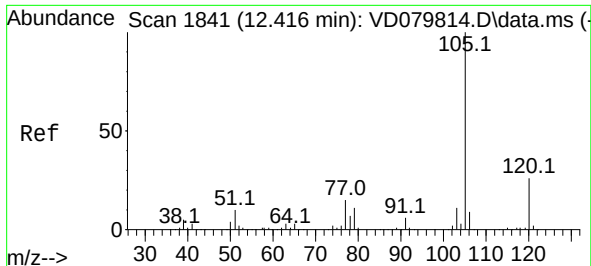
Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Tgt Ion: 173	Resp: 6217
Ion Ratio	Lower Upper
173	100
175	53.2 39.2 58.8
254	4.1 5.5 8.3#

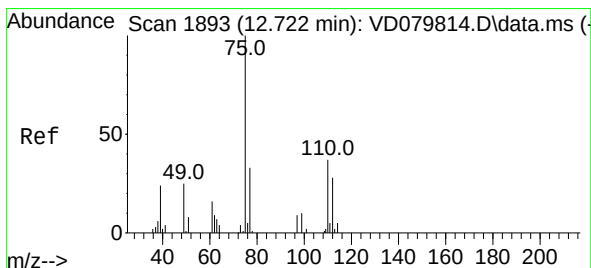
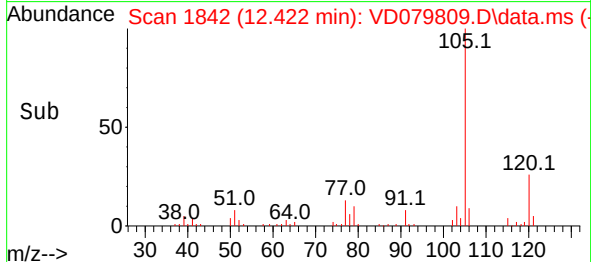
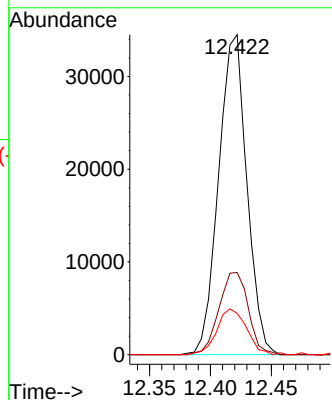
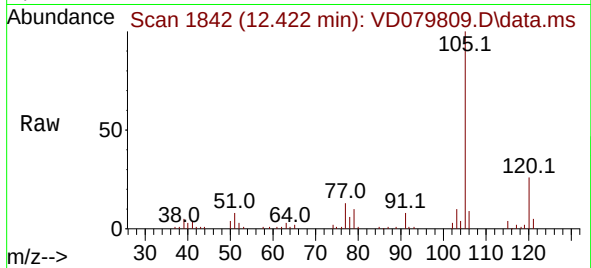




#60
Isopropylbenzene
Concen: 4.522 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

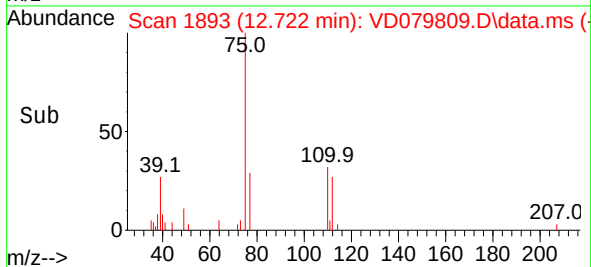
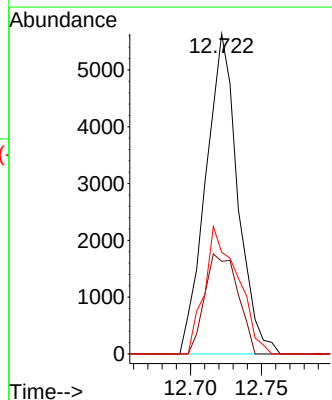
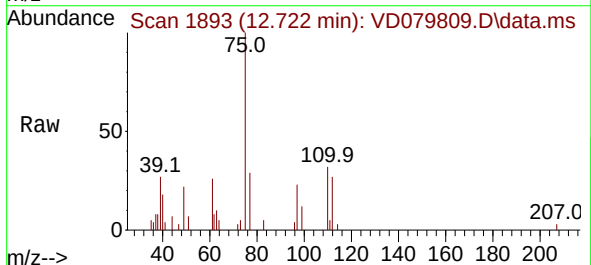
Instrument :
MSVOA_D
ClientSampleId :

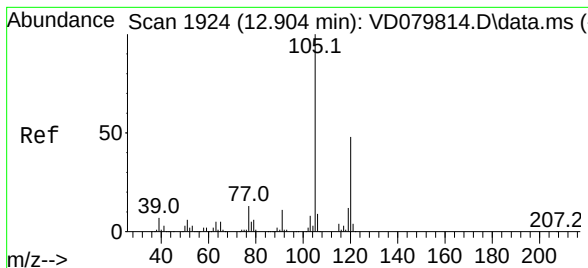
Tgt Ion:105 Resp: 55710
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 15.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.045 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion: 75 Resp: 8850
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
110 41.2 30.1 45.1

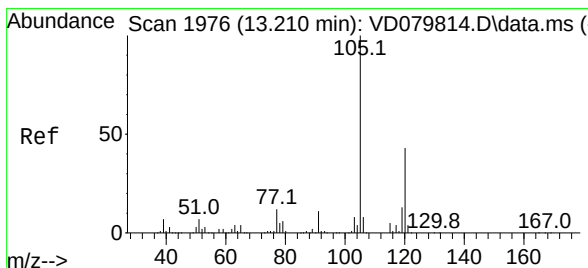
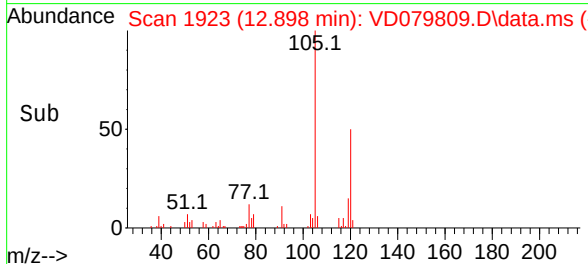
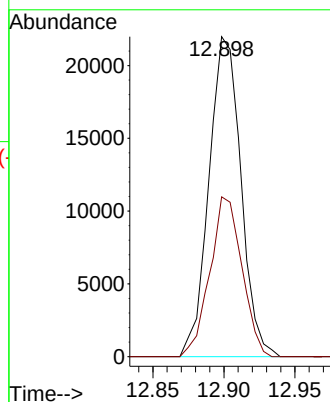
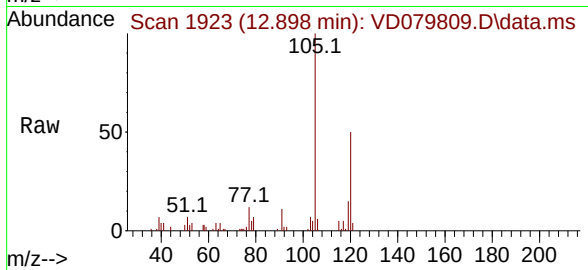




#62
1,3,5-Trimethylbenzene
Concen: 3.819 ug/L
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

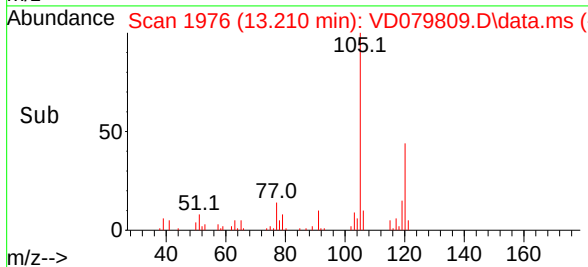
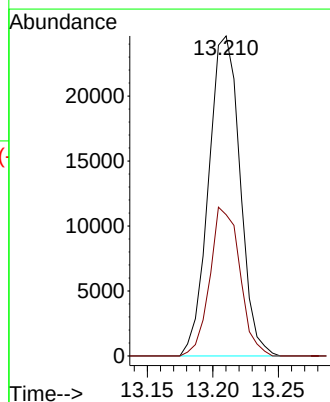
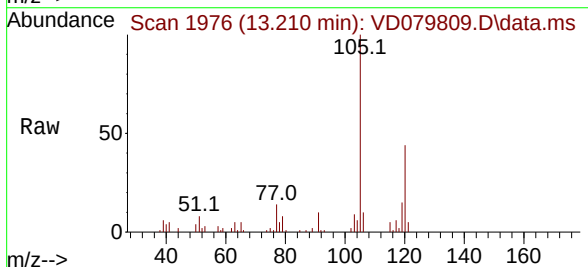
Instrument :
MSVOA_D
ClientSampleId :

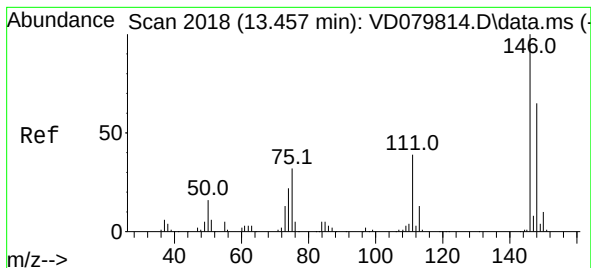
Tgt Ion:105 Resp: 34411
Ion Ratio Lower Upper
105 100
120 50.0 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.341 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079809.D
Acq: 10 Sep 2024 10:37

Tgt Ion:105 Resp: 41017
Ion Ratio Lower Upper
105 100
120 44.3 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 4.713 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

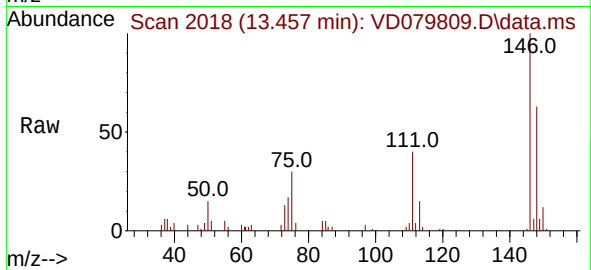
Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :



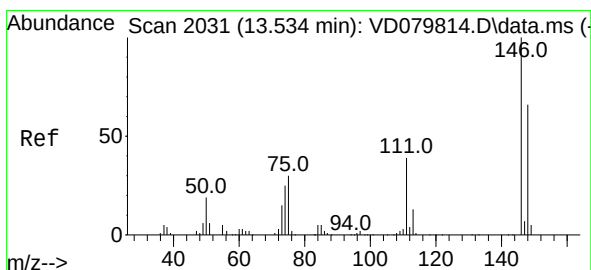
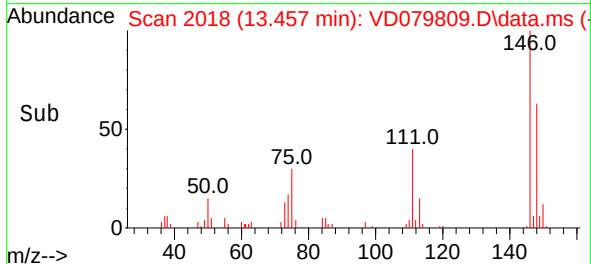
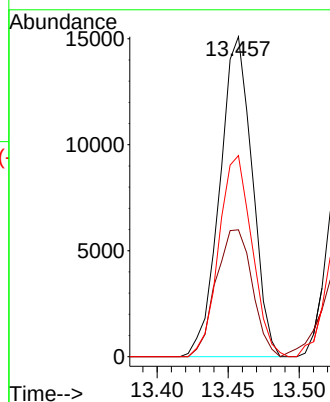
Tgt Ion:146 Resp: 23998

Ion Ratio Lower Upper

146 100

111 39.6 27.4 50.8

148 62.9 45.6 84.8



#65

1,4-Dichlorobenzene

Concen: 4.861 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

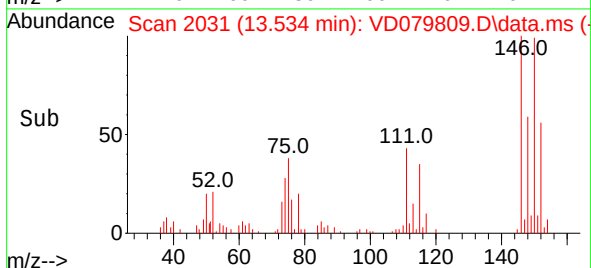
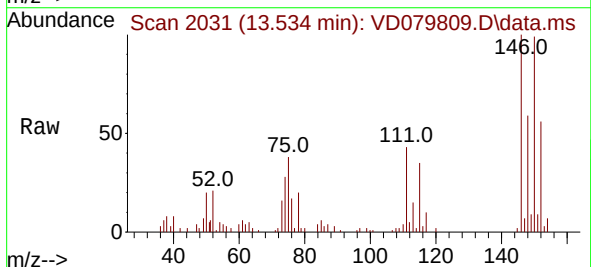
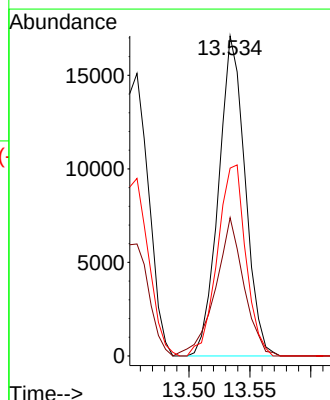
Tgt Ion:146 Resp: 25959

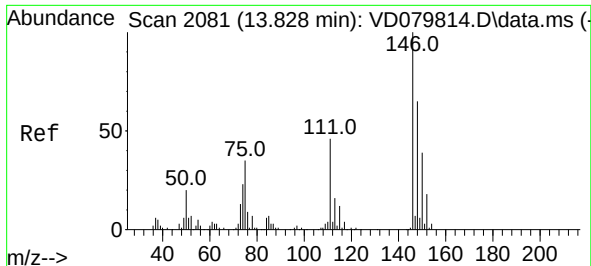
Ion Ratio Lower Upper

146 100

111 43.2 27.6 51.4

148 58.7 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 4.578 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

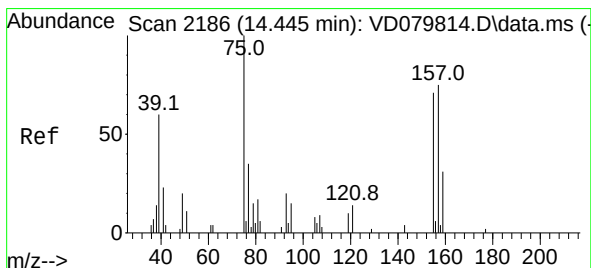
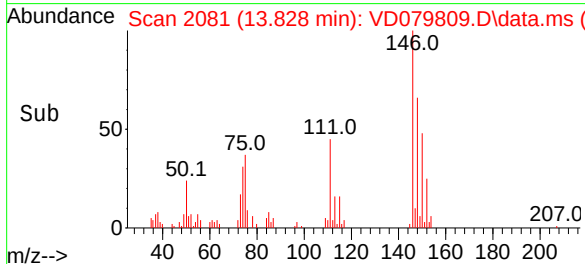
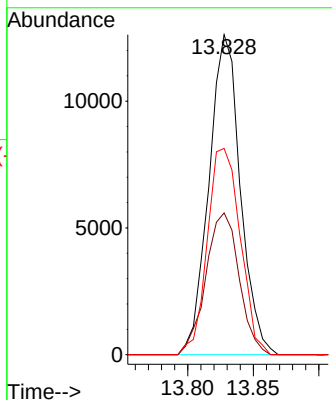
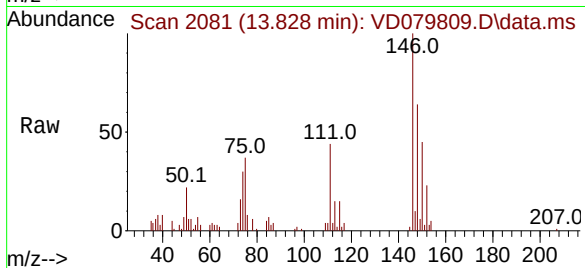
Tgt Ion:146 Resp: 21066

Ion Ratio Lower Upper

146 100

111 44.3 36.9 55.3

148 64.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.347 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

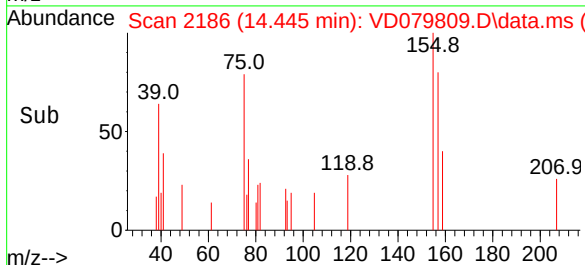
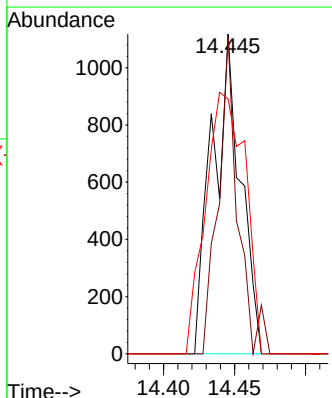
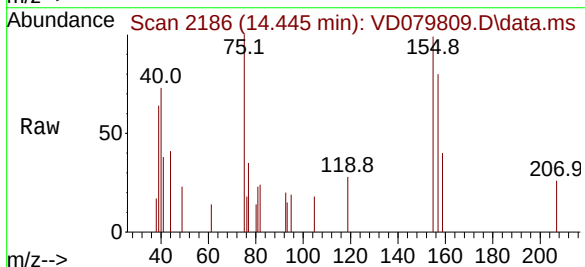
Tgt Ion: 75 Resp: 1560

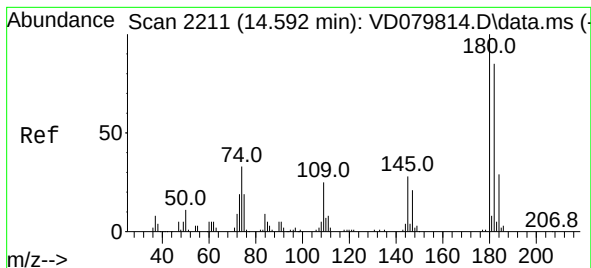
Ion Ratio Lower Upper

75 100

155 99.0 57.2 85.8#

157 79.7 59.7 89.5





#69

1,3,5-Trichlorobenzene

Concen: 4.707 ug/L

RT: 14.587 min Scan# 2211

Delta R.T. -0.006 min

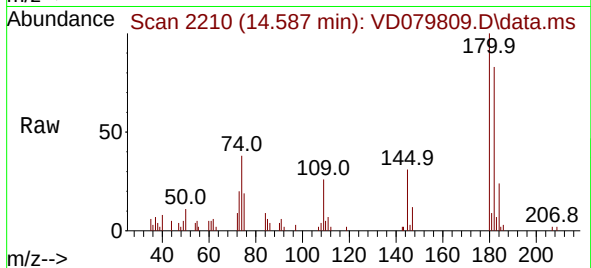
Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 14530

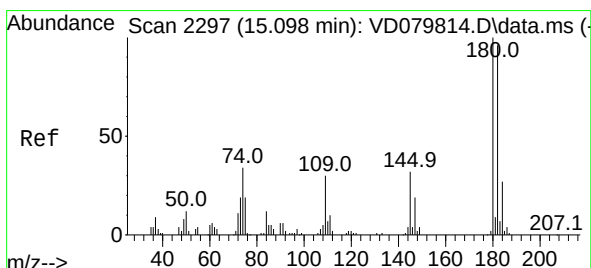
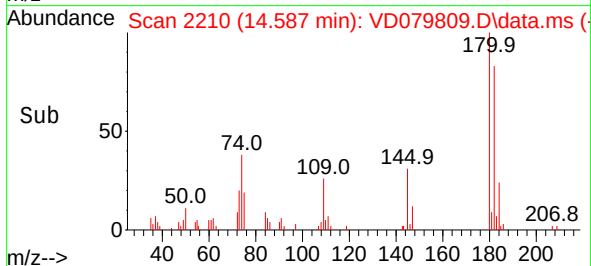
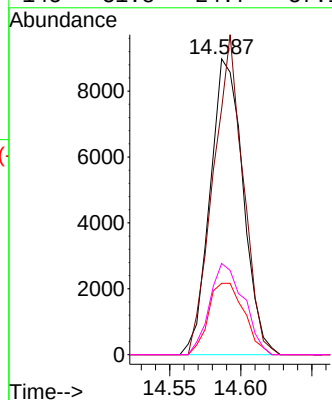
Ion Ratio Lower Upper

180 100

182 98.0 72.6 109.0

184 26.1 24.2 36.2

145 31.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 4.455 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

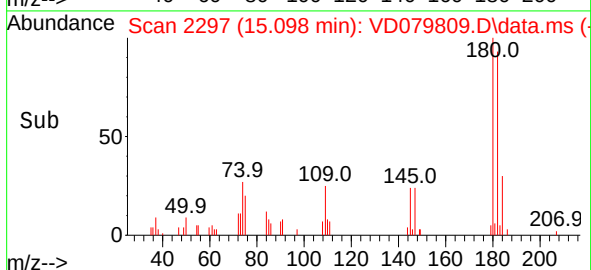
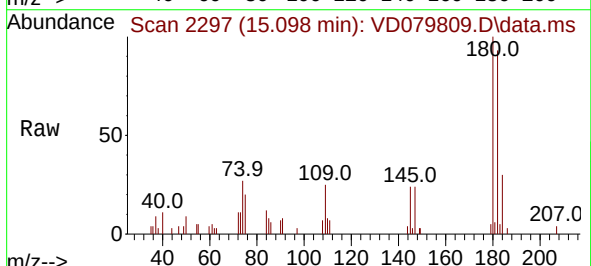
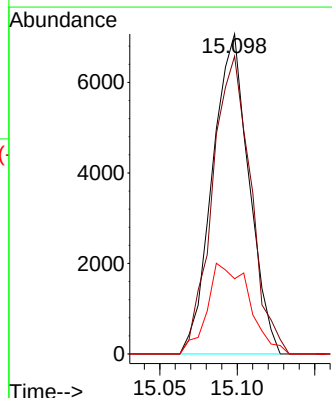
Tgt Ion:180 Resp: 11581

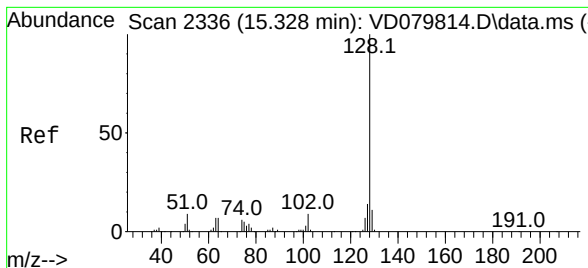
Ion Ratio Lower Upper

180 100

182 97.2 75.9 113.9

145 21.8 26.6 40.0#





#71

Naphthalene

Concen: 4.409 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079809.D

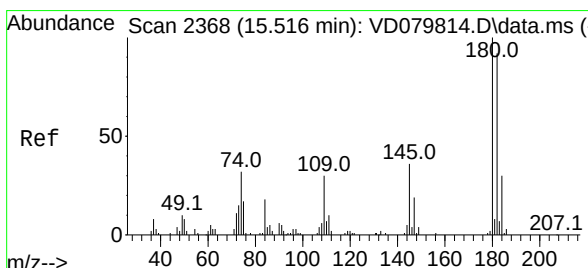
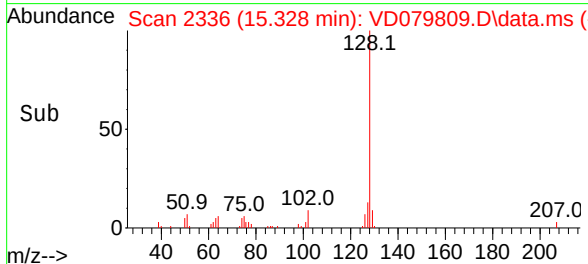
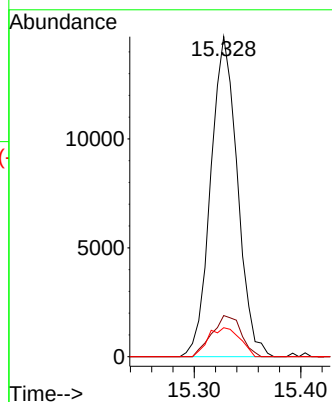
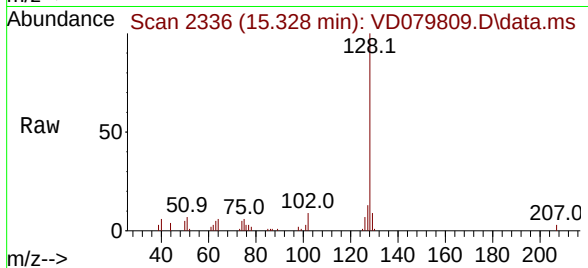
Acq: 10 Sep 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	25599
Ion Ratio	Lower	Upper
128	100	
127	14.1	11.2 16.8
129	10.7	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 4.598 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079809.D

Acq: 10 Sep 2024 10:37

Tgt Ion:180	Resp:	10691
Ion Ratio	Lower	Upper
180	100	
182	84.6	74.1 111.1
145	32.9	26.4 39.6

