

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079811.D
 Acq On : 10 Sep 2024 12:56
 Operator : RP/MD
 Sample : VSTD05040
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 11 05:55:38 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	8.775	114	203539	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	200602	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	95813	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	431577	48.762	ug/L	0.00
7) Chloroethane-d5	2.799	69	331222	47.268	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	80648	50.188	ug/L	0.00
21) 2-Butanone-d5	6.987	46	82273	100.050	ug/L	0.00
24) Chloroform-d	7.563	84	322895	48.261	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	171842	49.117	ug/L	0.00
32) Benzene-d6	8.199	84	707471	49.954	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	213498	49.221	ug/L	0.00
41) Toluene-d8	10.269	98	649078	52.083	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	93764	50.280	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	76238	107.823	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	155839	48.893	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	178292	49.343	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	199284	51.347	ug/L	100
3) Chloromethane	2.146	50	338348	49.732	ug/L	98
5) Vinyl chloride	2.281	62	415946	49.892	ug/L	99
6) Bromomethane	2.693	94	214448	51.413	ug/L	100
8) Chloroethane	2.834	64	259282	47.074	ug/L	98
9) Trichlorofluoromethane	3.170	101	283945	47.369	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	159827	48.170	ug/L	99
12) 1,1-Dichloroethene	3.940	96	155455	50.303	ug/L	87
13) Acetone	4.022	43	110920	110.638	ug/L	97
14) Carbon disulfide	4.264	76	465650	46.322	ug/L	100
15) Methyl Acetate	4.569	43	77610	48.598	ug/L #	78
16) Methylene chloride	4.799	84	179122	44.537	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	162498	49.313	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	399095	53.839	ug/L	99
19) 1,1-Dichloroethane	6.116	63	319508	48.815	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	185160	51.034	ug/L	96
22) 2-Butanone	7.081	43	128044	108.878	ug/L	97
23) Bromochloromethane	7.428	128	75318	48.912	ug/L	97
25) Chloroform	7.593	83	324499	47.628	ug/L	91
27) 1,2-Dichloroethane	8.328	62	199562	47.923	ug/L	99
29) Cyclohexane	7.875	56	262777	52.959	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	264348	48.344	ug/L	98
31) Carbon tetrachloride	7.987	117	234135	48.328	ug/L	100
33) Benzene	8.252	78	747534	50.045	ug/L	100
34) Trichloroethene	9.028	95	167948	48.571	ug/L	97
35) Methylcyclohexane	9.275	83	291429	52.322	ug/L	99
37) 1,2-Dichloropropane	9.305	63	205378	50.417	ug/L #	100
38) Bromodichloromethane	9.581	83	231761	48.827	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	307197	53.702	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	228902	107.344	ug/L	99
42) Toluene	10.334	91	810064	51.484	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	269361	53.431	ug/L	100

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 Response via : Initial Calibration

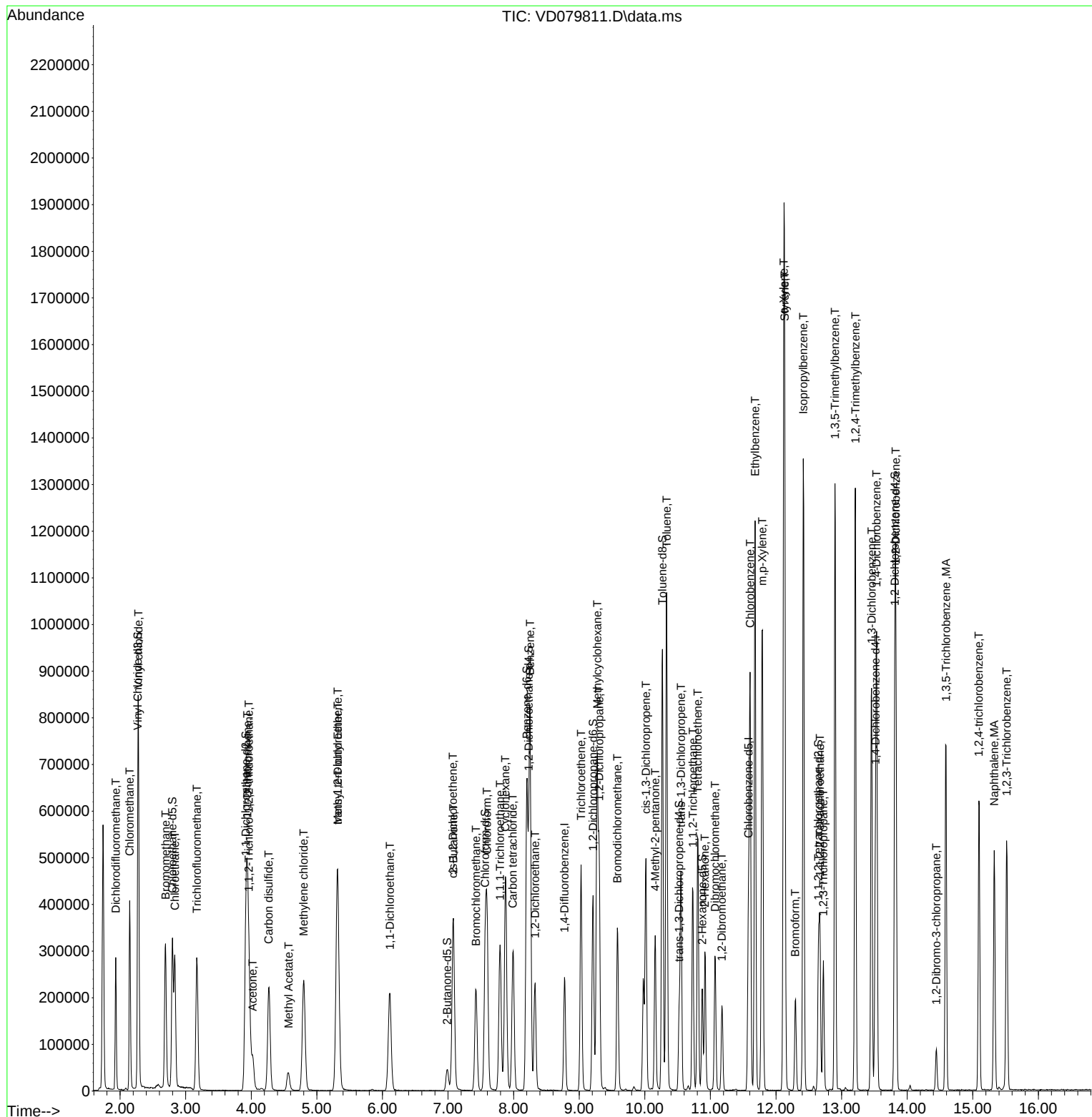
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	138818	49.878	ug/L	96
46) Tetrachloroethene	10.804	164	115304	49.208	ug/L	98
48) 2-Hexanone	10.916	43	192365	110.903	ug/L	98
49) Dibromochloromethane	11.069	129	147731	48.631	ug/L	97
50) 1,2-Dibromoethane	11.175	107	118011	49.093	ug/L	95
51) Chlorobenzene	11.604	112	464427	49.185	ug/L	98
52) Ethylbenzene	11.681	91	854658	51.707	ug/L	98
53) m,p-Xylene	11.793	106	322594	51.528	ug/L	94
54) o-Xylene	12.116	106	319959	52.124	ug/L	98
55) Styrene	12.134	104	574883	53.288	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	162299	49.750	ug/L	99
59) Bromoform	12.293	173	82127	49.654	ug/L	98
60) Isopropylbenzene	12.416	105	854754	51.671	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	112937	47.954	ug/L	99
62) 1,3,5-Trimethylbenzene	12.898	105	679000	56.126	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	677390	53.393	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	339992	49.735	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	347152	48.415	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	308526	49.933	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	24072	49.955	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	208100	50.204	ug/L	98
70) 1,2,4-trichlorobenzene	15.092	180	177848	50.960	ug/L	99
71) Naphthalene	15.328	128	415815	53.345	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	165719	53.085	ug/L	99

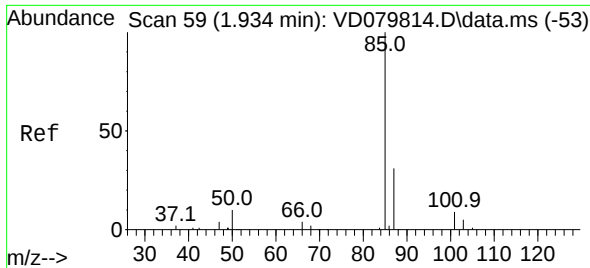
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QLast Update : Wed Sep 11 05:52:36 2024
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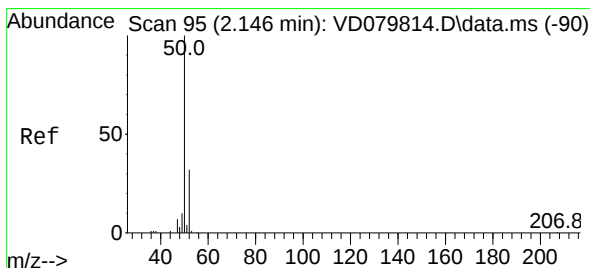
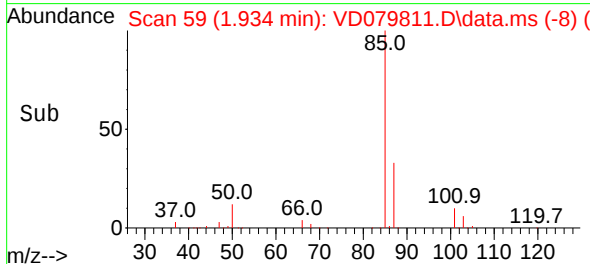
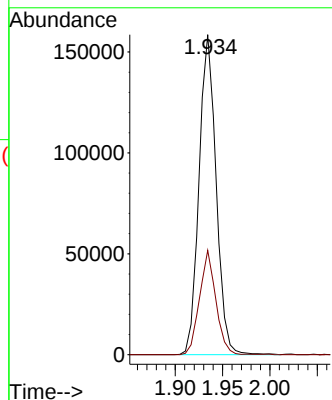
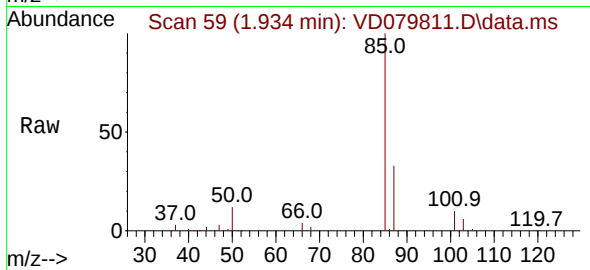




#2
 Dichlorodifluoromethane
 Concen: 51.347 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079811.D
 Acq: 10 Sep 2024 12:56

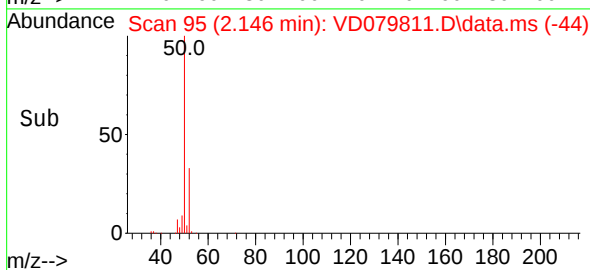
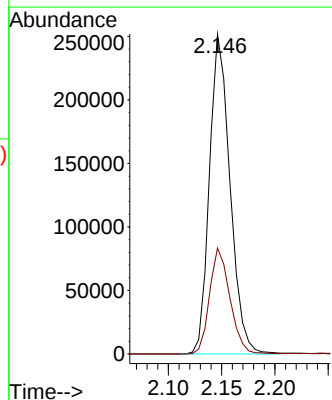
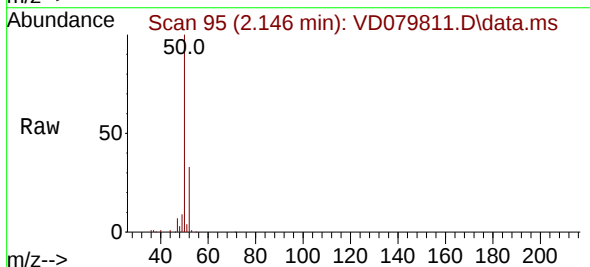
Instrument :
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 ClientSampleId :

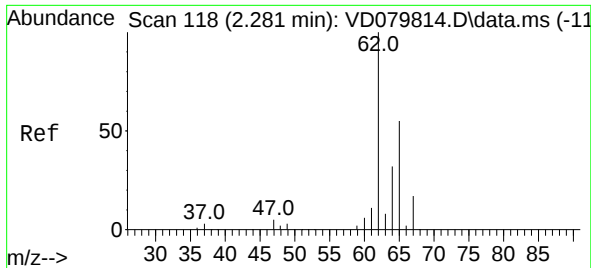
Tgt Ion: 85 Resp: 199284
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.0 37.6



#3
 Chloromethane
 Concen: 49.732 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079811.D
 Acq: 10 Sep 2024 12:56

Tgt Ion: 50 Resp: 338348
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.4 41.6

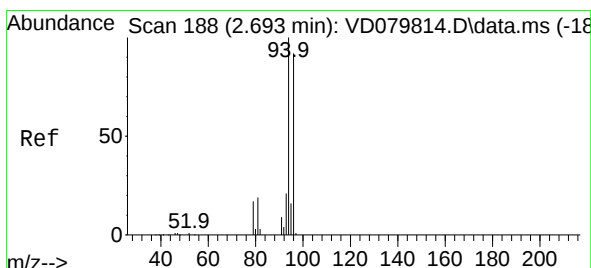
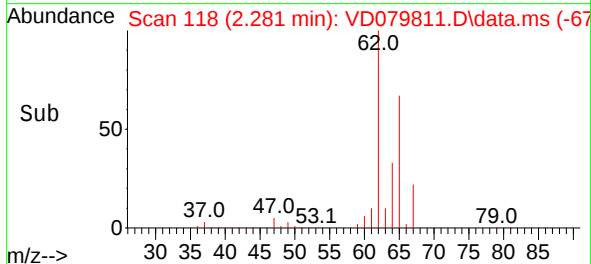
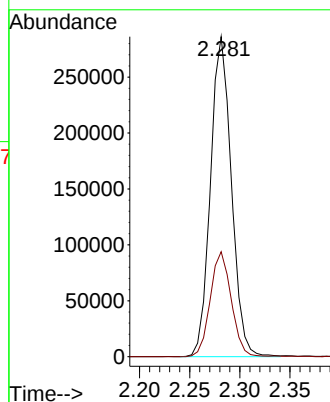
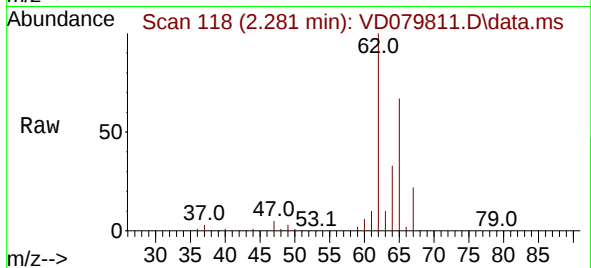




#5
 Vinyl chloride
 Concen: 49.892 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079811.D
 Acq: 10 Sep 2024 12:56

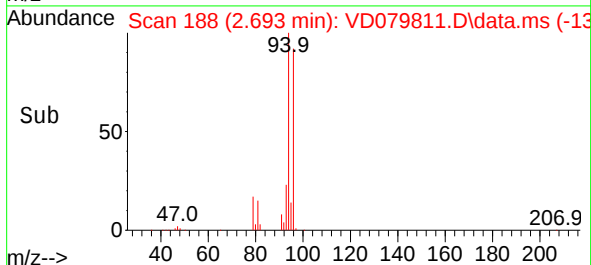
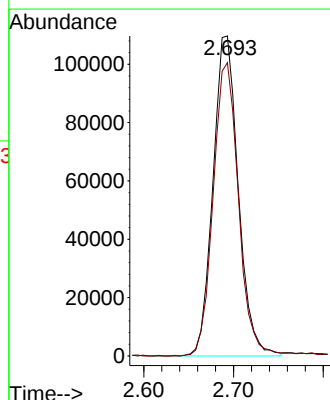
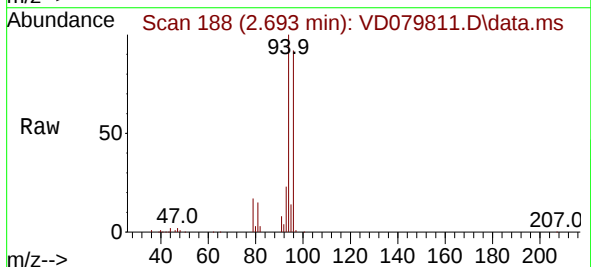
Instrument :
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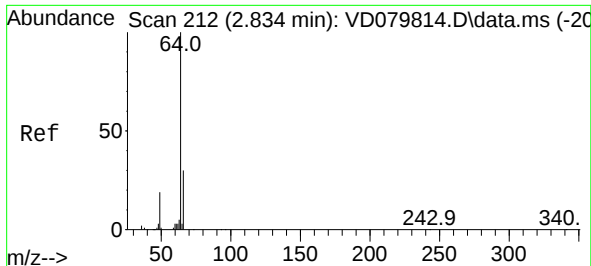
Tgt Ion: 62 Resp: 415946
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.6 42.0



#6
 Bromomethane
 Concen: 51.413 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079811.D
 Acq: 10 Sep 2024 12:56

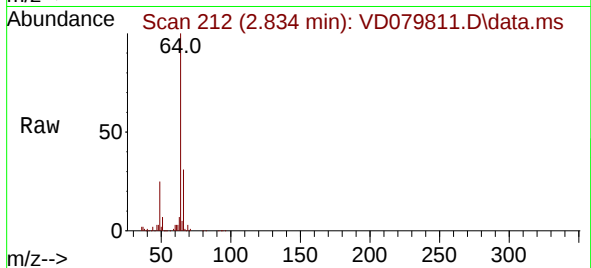
Tgt Ion: 94 Resp: 214448
 Ion Ratio Lower Upper
 94 100
 96 91.6 64.3 119.5



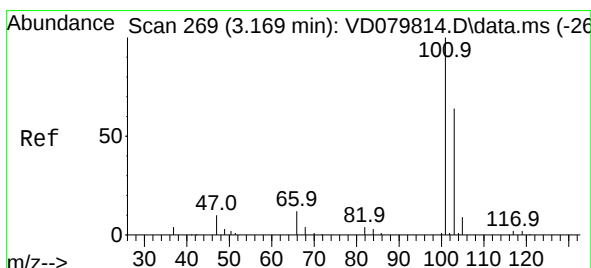
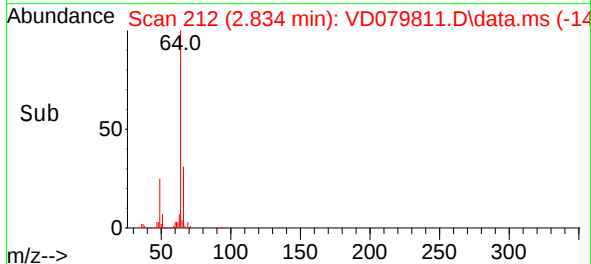
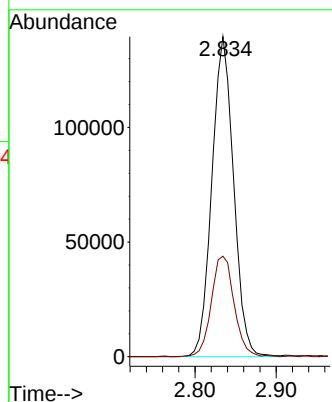


#8
Chloroethane
Concen: 47.074 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

Instrument :
MSVOA_D
ClientSampleId :

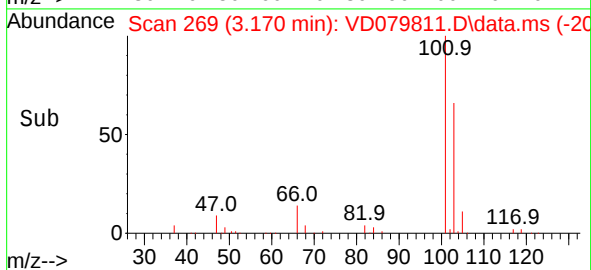
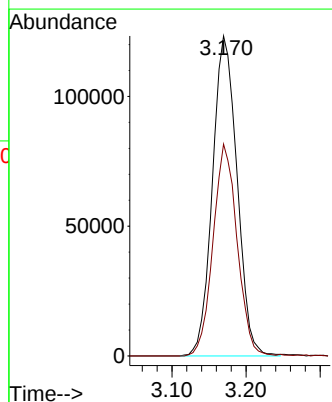
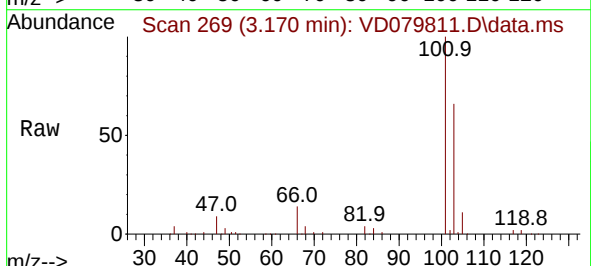


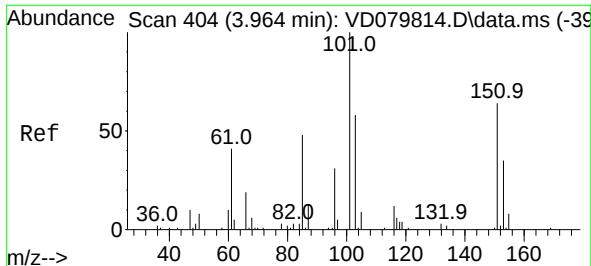
Tgt Ion: 64 Resp: 259282
Ion Ratio Lower Upper
64 100
66 31.4 21.3 39.6



#9
Trichlorofluoromethane
Concen: 47.369 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

Tgt Ion: 101 Resp: 283945
Ion Ratio Lower Upper
101 100
103 64.8 50.5 75.7

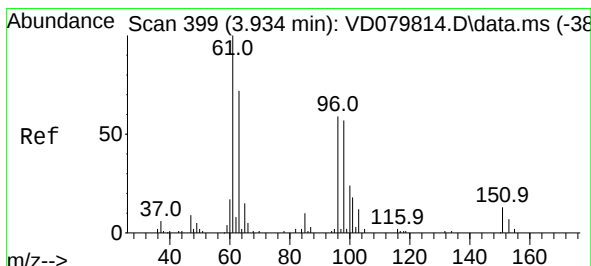
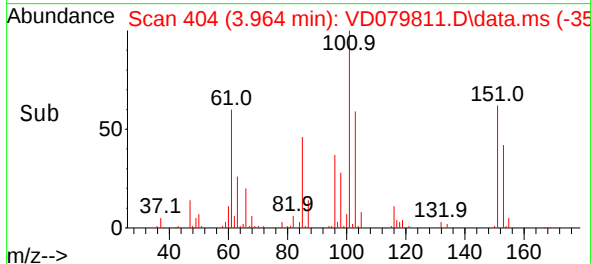
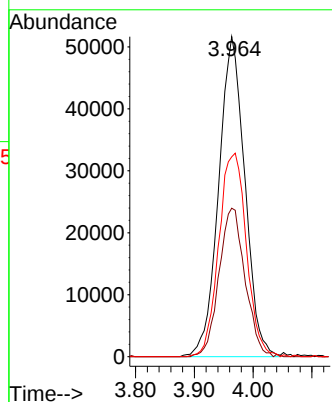
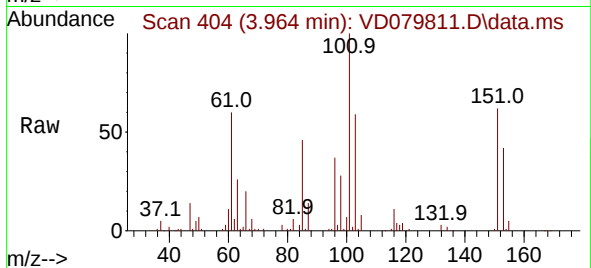




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.170 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD079811.D
 Acq: 10 Sep 2024 12:56

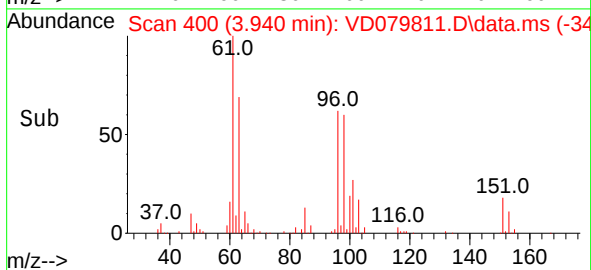
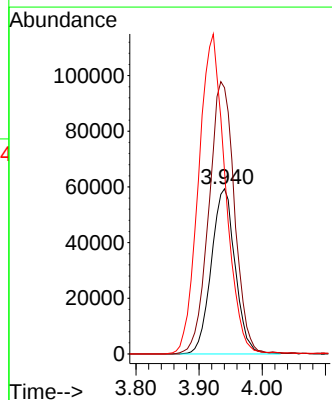
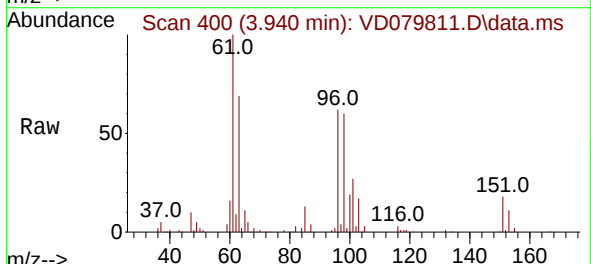
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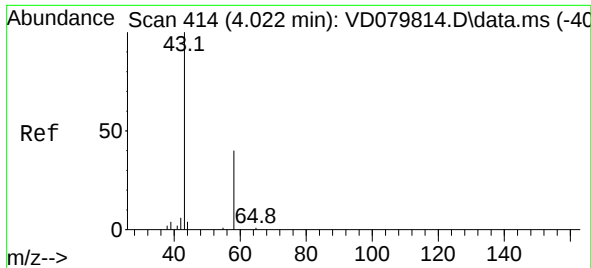
Tgt Ion:101 Resp: 159827
 Ion Ratio Lower Upper
 101 100
 85 46.1 37.8 56.8
 151 67.0 54.2 81.4



#12
 1,1-Dichloroethene
 Concen: 50.303 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.006 min
 Lab File: VD079811.D
 Acq: 10 Sep 2024 12:56

Tgt Ion: 96 Resp: 155455
 Ion Ratio Lower Upper
 96 100
 61 161.3 119.8 222.4
 63 110.7 93.9 174.3





#13

Acetone

Concen: 110.638 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

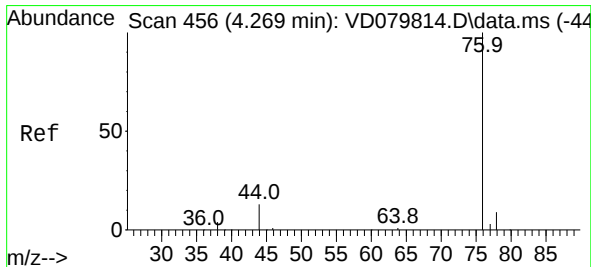
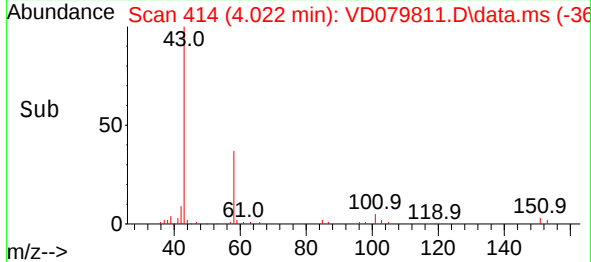
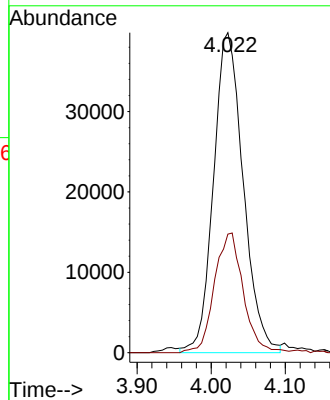
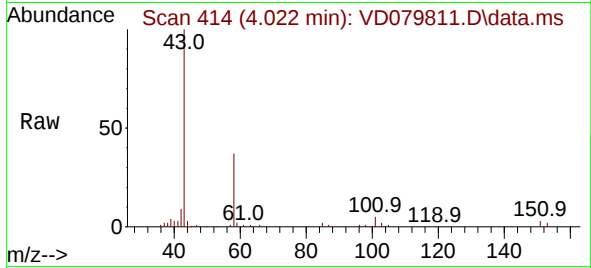
ClientSampleId :

Tgt Ion: 43 Resp: 110920

Ion Ratio Lower Upper

43 100

58 35.9 0.0 75.8



#14

Carbon disulfide

Concen: 46.322 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD079811.D

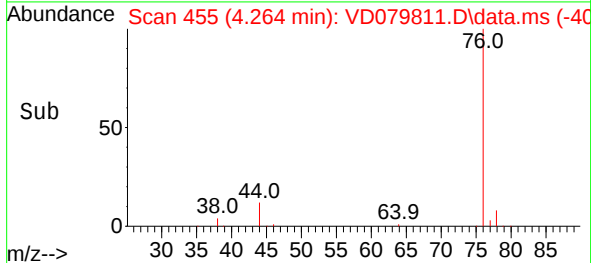
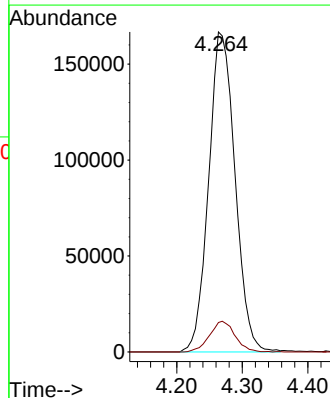
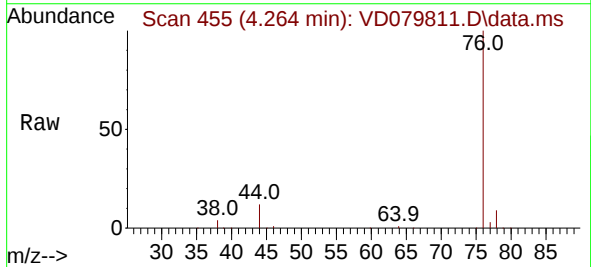
Acq: 10 Sep 2024 12:56

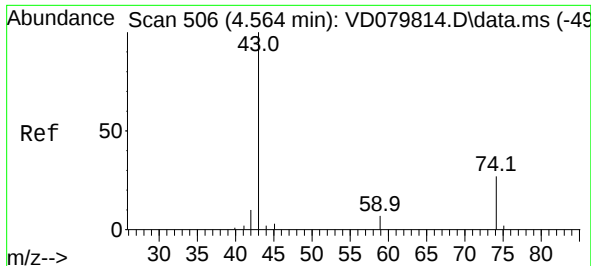
Tgt Ion: 76 Resp: 465650

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 48.598 ug/L

RT: 4.569 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

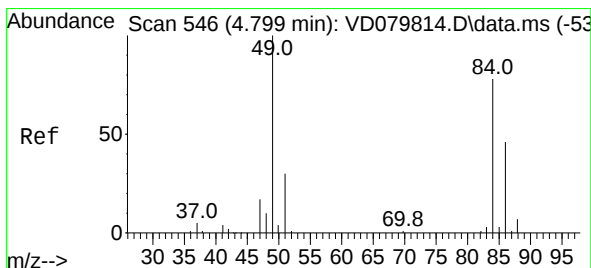
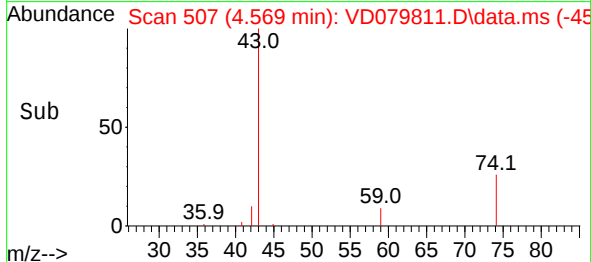
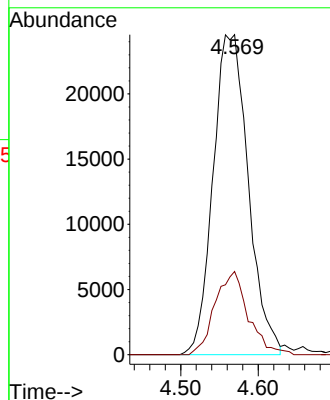
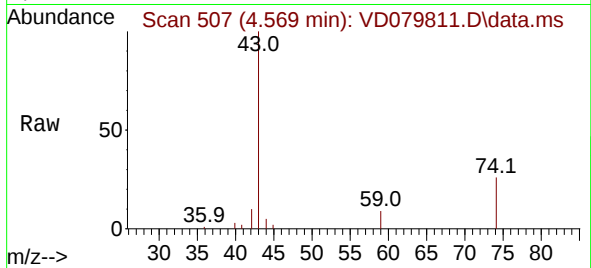
ClientSampleId :

Tgt Ion: 43 Resp: 77610

Ion Ratio Lower Upper

43 100

74 24.0 11.9 17.9#



#16

Methylene chloride

Concen: 44.537 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

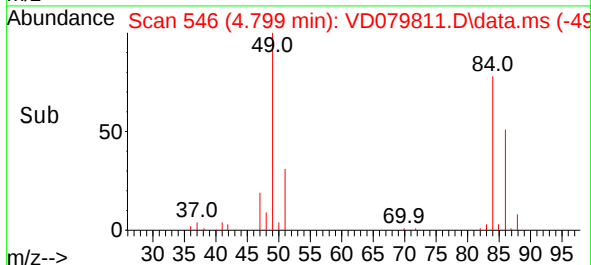
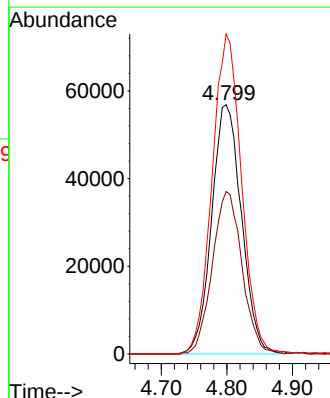
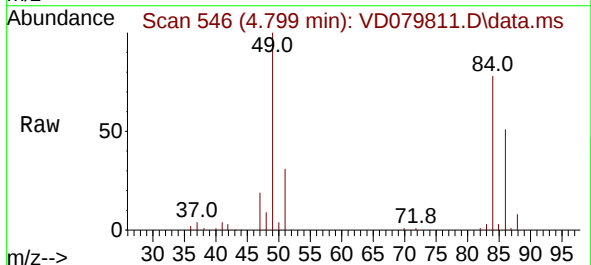
Tgt Ion: 84 Resp: 179122

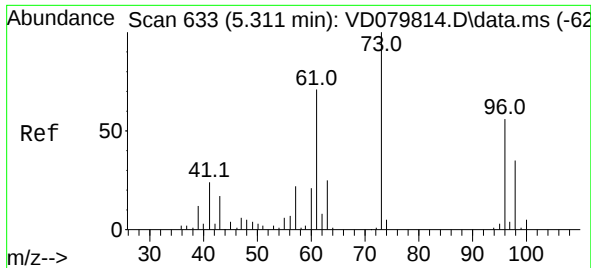
Ion Ratio Lower Upper

84 100

86 65.1 41.0 76.2

49 128.3 90.0 167.2

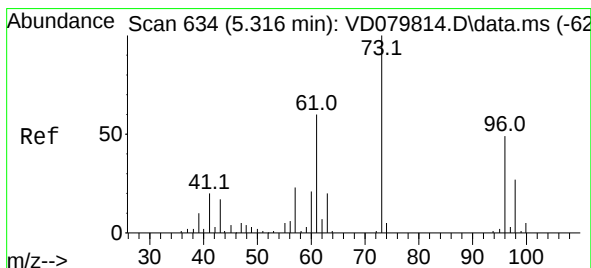
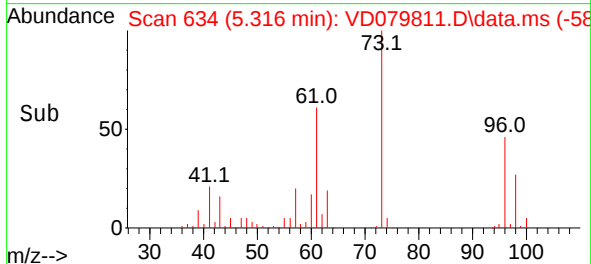
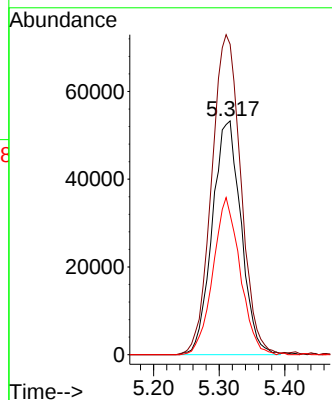
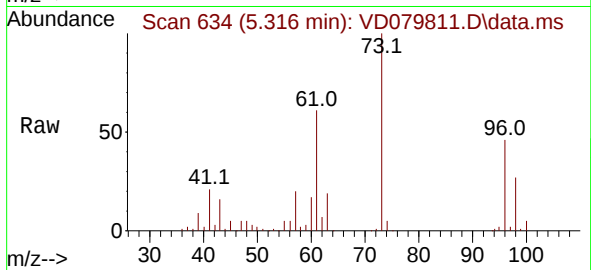




#17
trans-1,2-Dichloroethene
Concen: 49.313 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

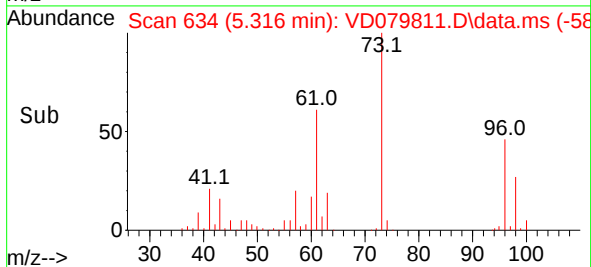
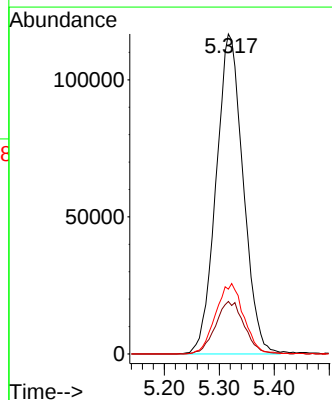
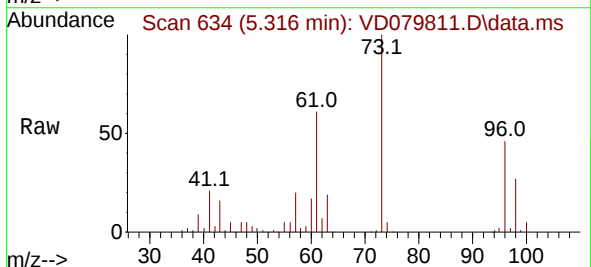
Instrument :
MSVOA_D
ClientSampleId :

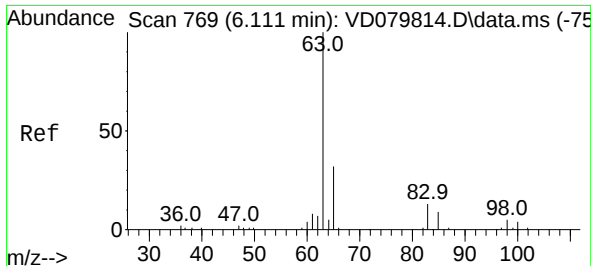
Tgt Ion: 96 Resp: 162498
Ion Ratio Lower Upper
96 100
61 132.8 88.7 164.7
98 60.0 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 53.839 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

Tgt Ion: 73 Resp: 399095
Ion Ratio Lower Upper
73 100
43 17.4 14.5 21.7
57 22.9 18.8 28.2

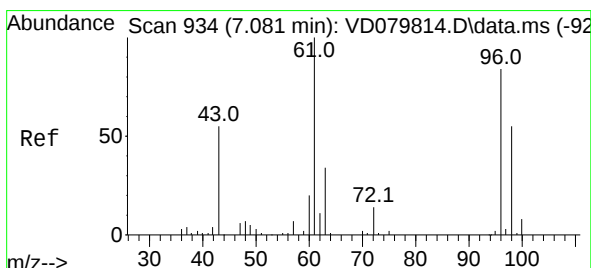
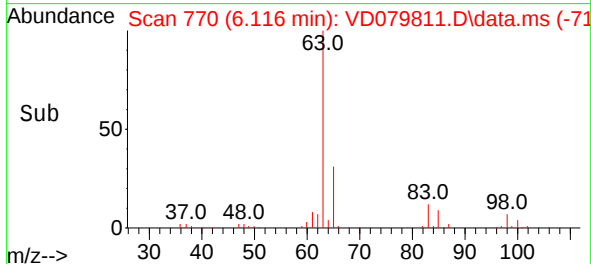
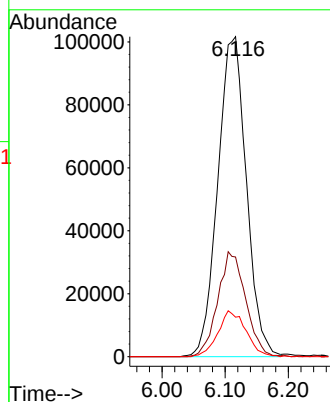
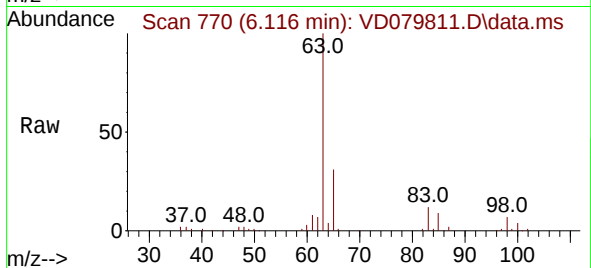




#19
1,1-Dichloroethane
Concen: 48.815 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

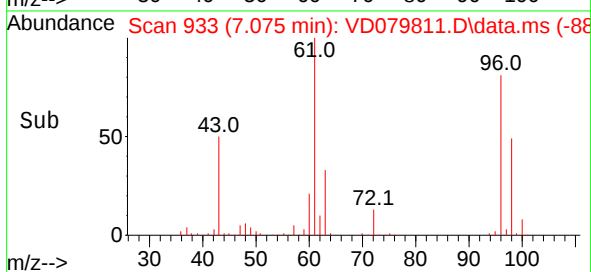
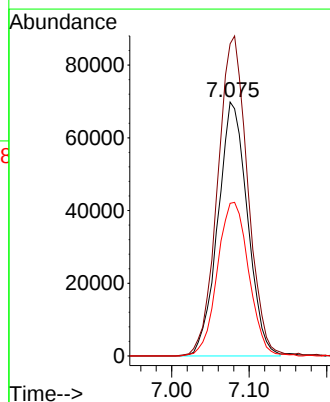
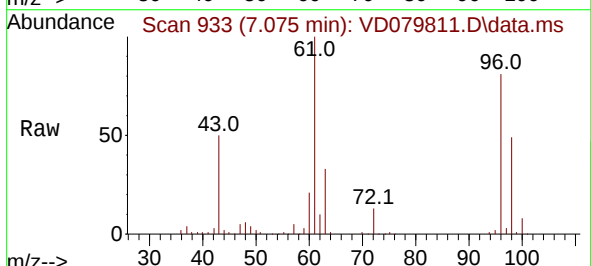
Instrument :
MSVOA_D
ClientSampleId :

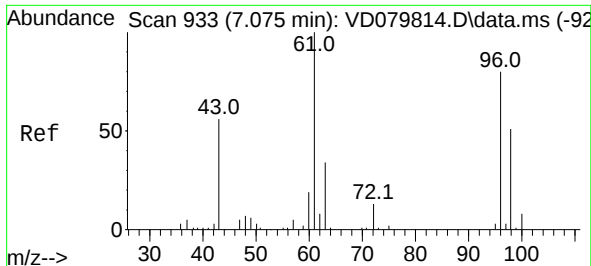
Tgt Ion: 63 Resp: 319508
Ion Ratio Lower Upper
63 100
65 31.1 22.6 42.0
83 12.4 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 51.034 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

Tgt Ion: 96 Resp: 185160
Ion Ratio Lower Upper
96 100
61 122.9 83.8 155.6
98 60.1 45.9 85.3

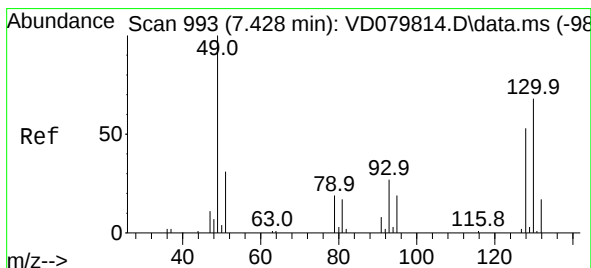
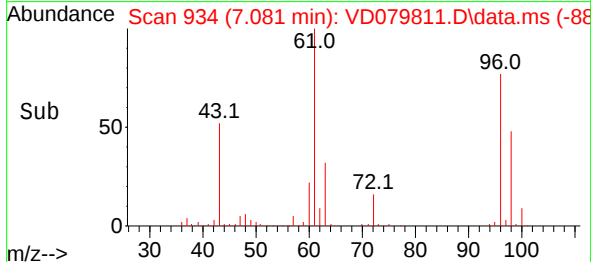
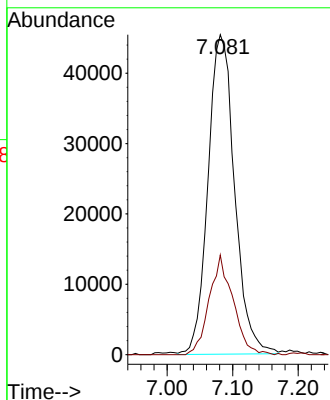
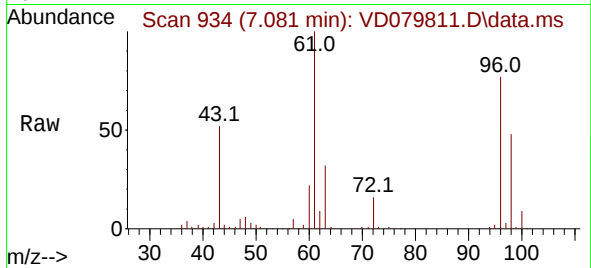




#22
2-Butanone
Concen: 108.878 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

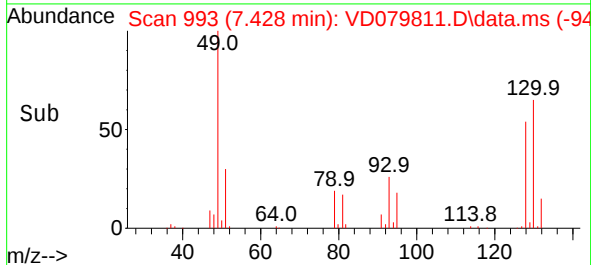
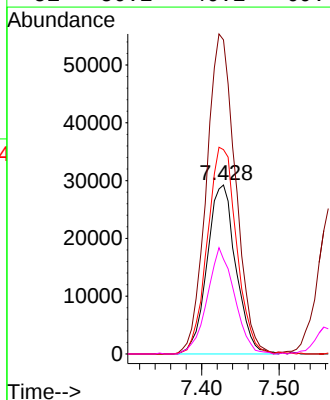
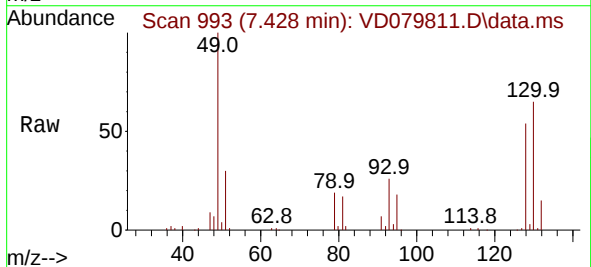
Instrument :
MSVOA_D
ClientSampleId :

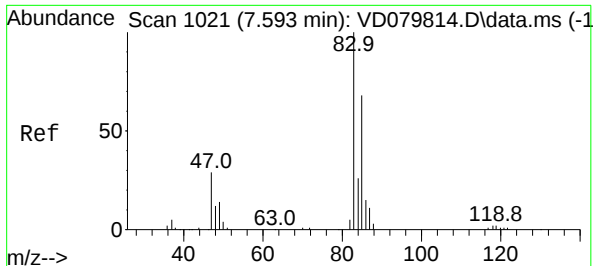
Tgt Ion: 43 Resp: 128044
Ion Ratio Lower Upper
43 100
72 27.6 13.1 39.3



#23
Bromochloromethane
Concen: 48.912 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

Tgt Ion:128 Resp: 75318
Ion Ratio Lower Upper
128 100
49 185.8 132.3 245.7
130 120.9 89.4 166.0
51 56.2 46.2 69.4

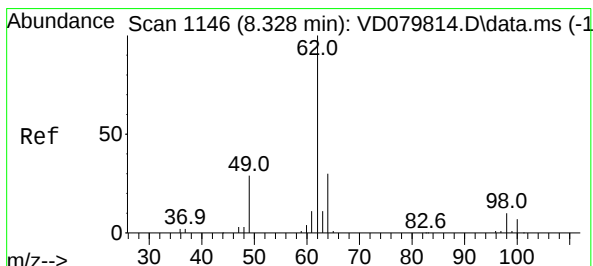
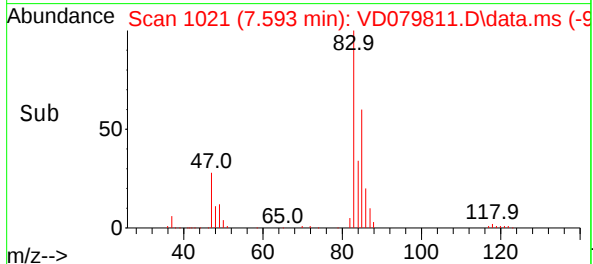
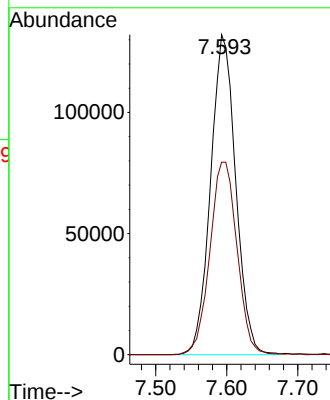
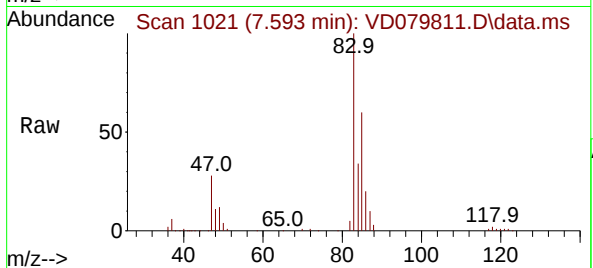




#25
Chloroform
Concen: 47.628 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

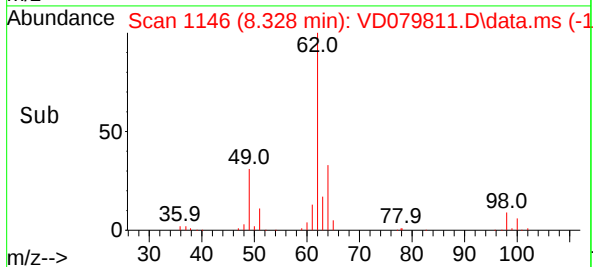
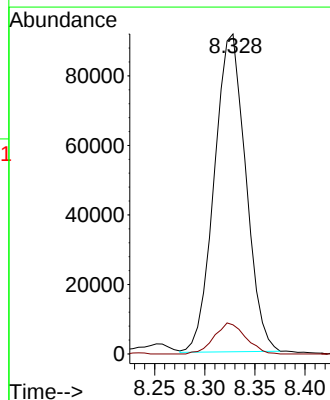
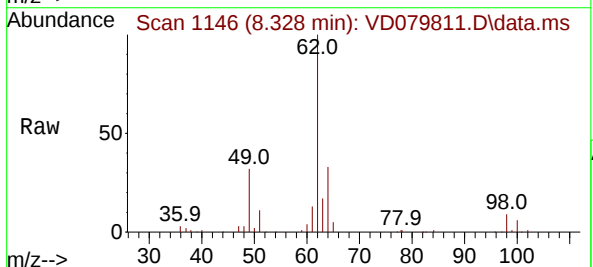
Instrument :
MSVOA_D
ClientSampleId :

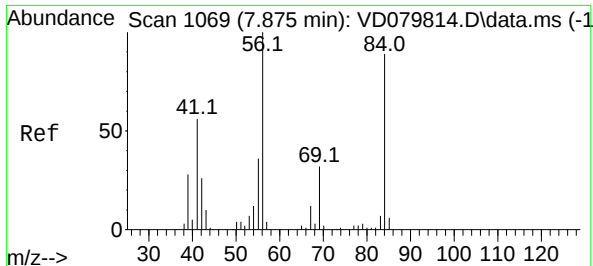
Tgt Ion: 83 Resp: 324499
Ion Ratio Lower Upper
83 100
85 60.2 47.3 87.9



#27
1,2-Dichloroethane
Concen: 47.923 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

Tgt Ion: 62 Resp: 199562
Ion Ratio Lower Upper
62 100
98 9.1 7.5 11.3





#29

Cyclohexane

Concen: 52.959 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

ClientSampleId :

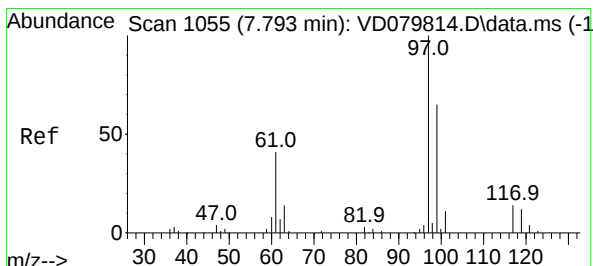
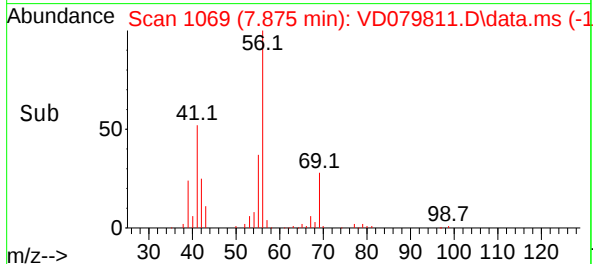
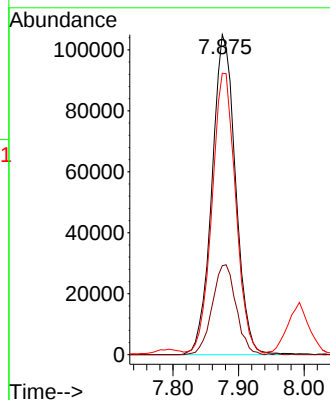
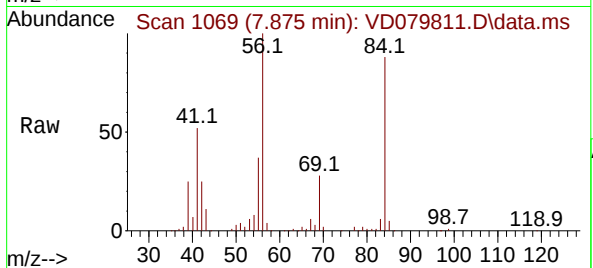
Tgt Ion: 56 Resp: 262777

Ion Ratio Lower Upper

56 100

69 28.3 22.8 34.2

84 88.4 69.1 103.7



#30

1,1,1-Trichloroethane

Concen: 48.344 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

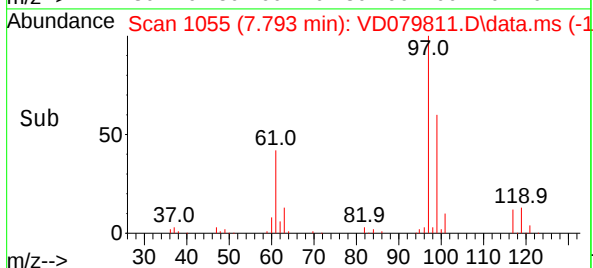
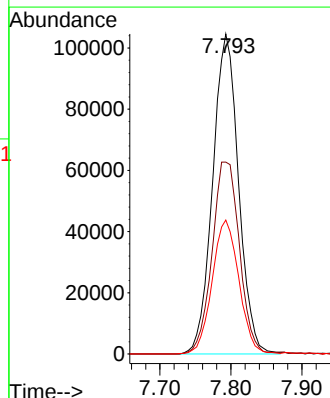
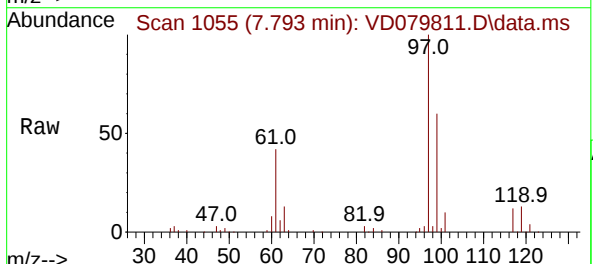
Tgt Ion: 97 Resp: 264348

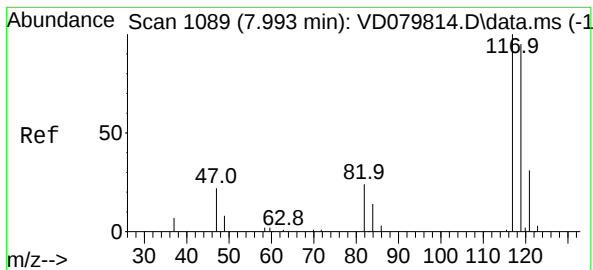
Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 43.3 35.4 53.2

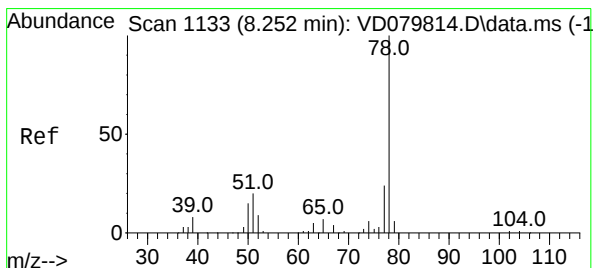
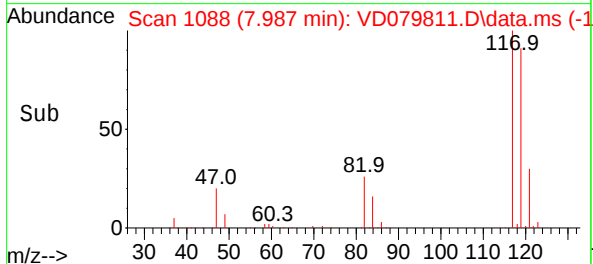
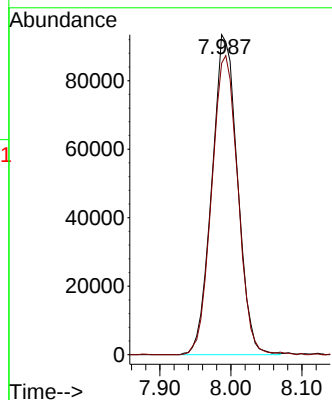
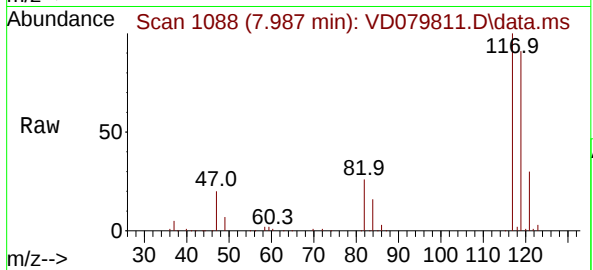




#31
Carbon tetrachloride
Concen: 48.328 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

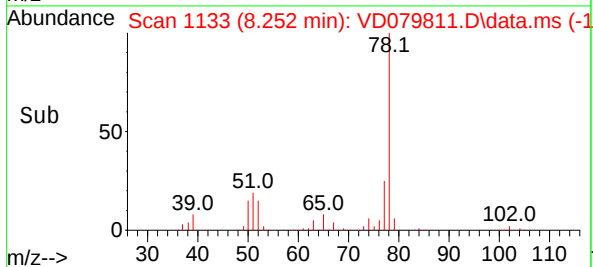
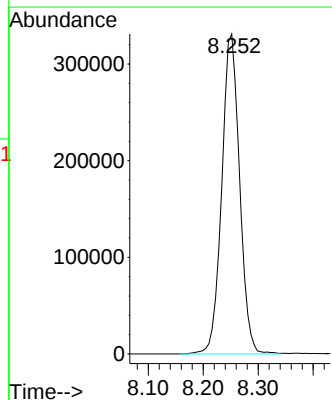
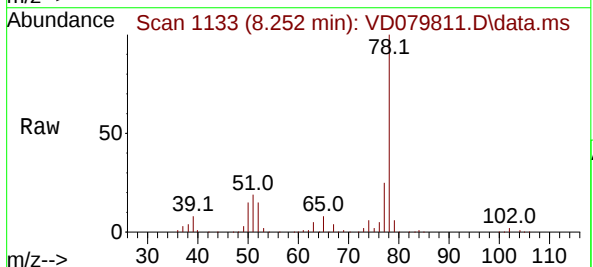
Instrument :
MSVOA_D
ClientSampleId :

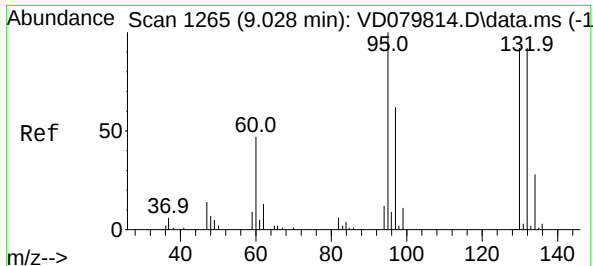
Tgt Ion:117 Resp: 234135
Ion Ratio Lower Upper
117 100
119 95.1 76.0 114.0



#33
Benzene
Concen: 50.045 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

Tgt Ion: 78 Resp: 747534

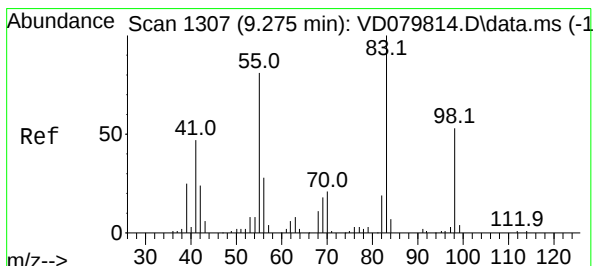
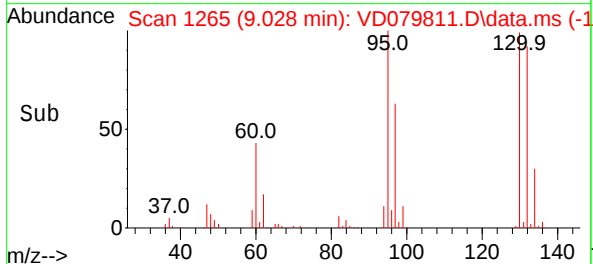
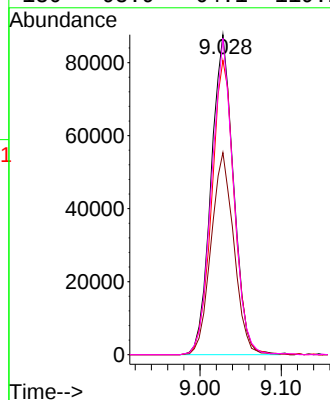
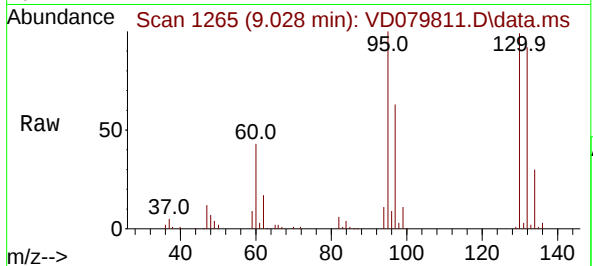




#34
Trichloroethene
Concen: 48.571 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

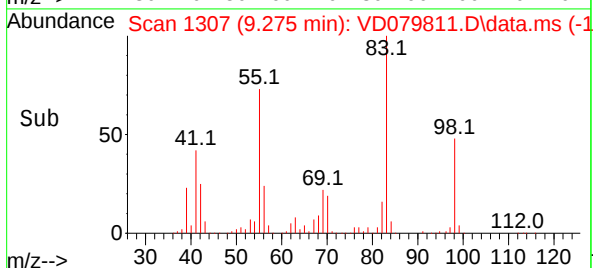
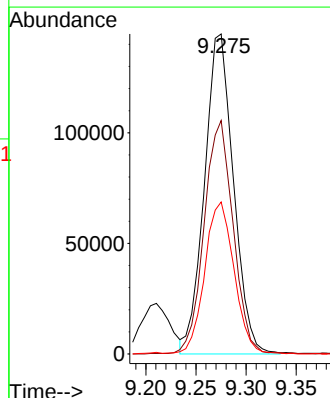
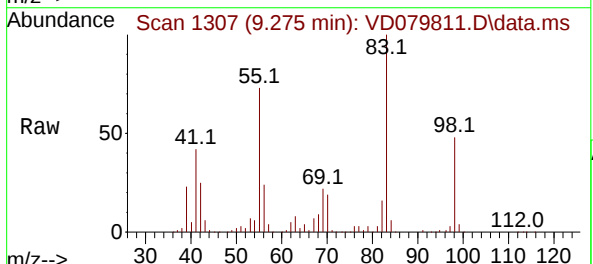
Instrument :
MSVOA_D
ClientSampleId :

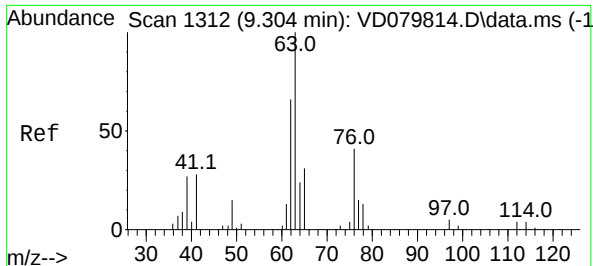
Tgt Ion: 95 Resp: 167948
Ion Ratio Lower Upper
95 100
97 63.2 43.5 80.7
132 92.0 64.5 119.7
130 98.9 64.1 119.1



#35
Methylcyclohexane
Concen: 52.322 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

Tgt Ion: 83 Resp: 291429
Ion Ratio Lower Upper
83 100
55 72.7 58.9 88.3
98 48.2 38.6 58.0

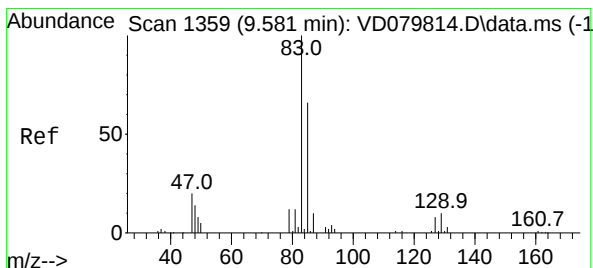
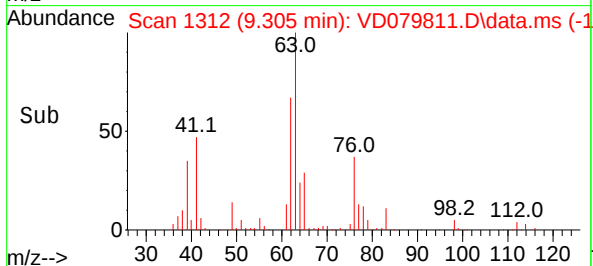
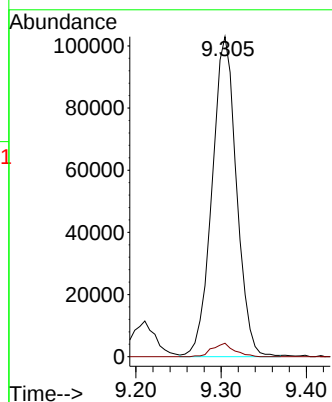
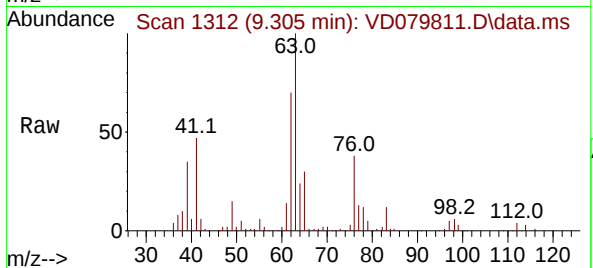




#37
1,2-Dichloropropane
Concen: 50.417 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

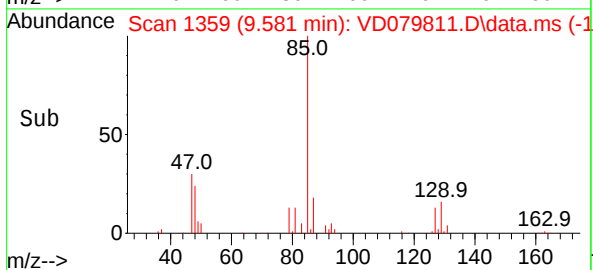
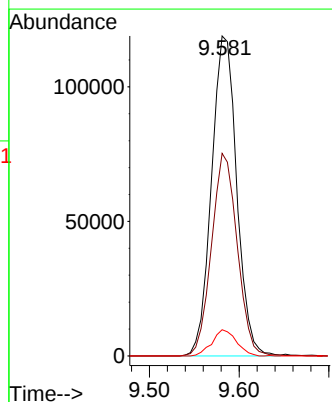
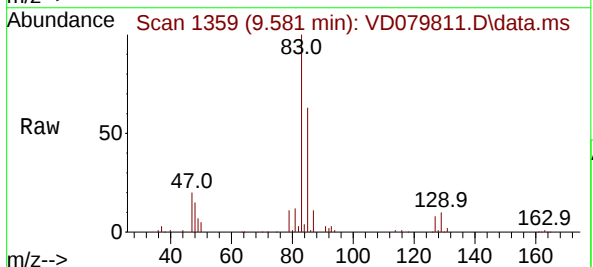
Instrument :
MSVOA_D
ClientSampleId :

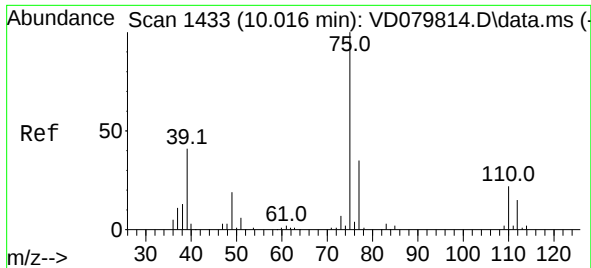
Tgt Ion: 63 Resp: 205378
Ion Ratio Lower Upper
63 100
112 3.8 0.0 0.0#



#38
Bromodichloromethane
Concen: 48.827 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

Tgt Ion: 83 Resp: 231761
Ion Ratio Lower Upper
83 100
85 63.3 45.9 85.3
127 8.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 53.702 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

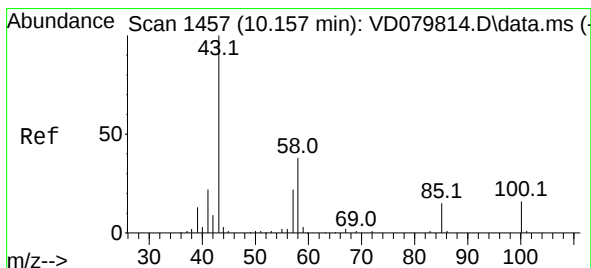
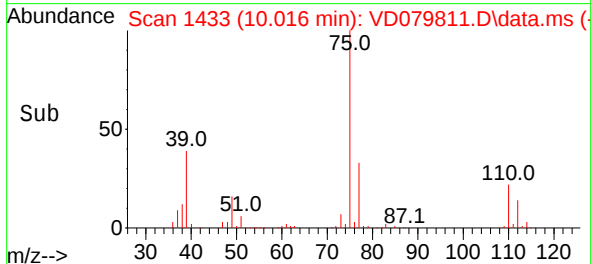
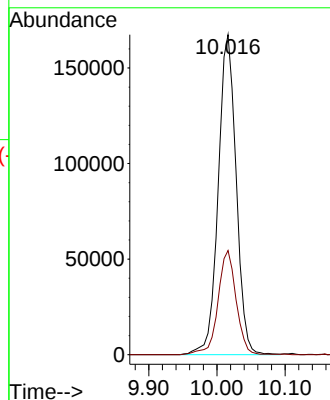
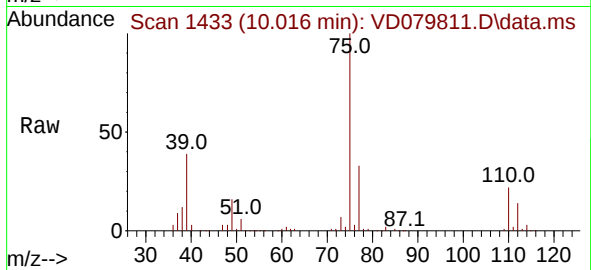
ClientSampleId :

Tgt Ion: 75 Resp: 307197

Ion Ratio Lower Upper

75 100

77 32.6 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 107.344 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

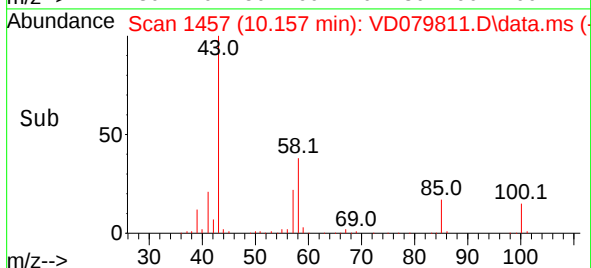
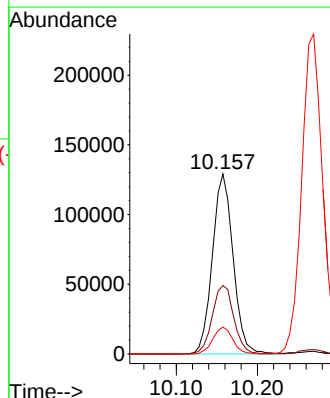
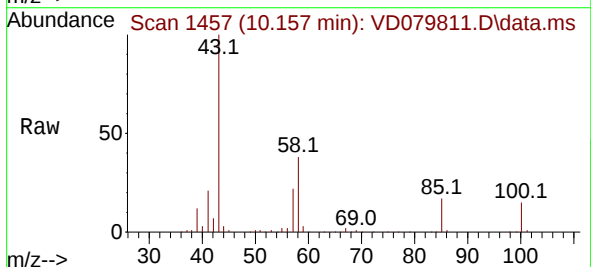
Tgt Ion: 43 Resp: 228902

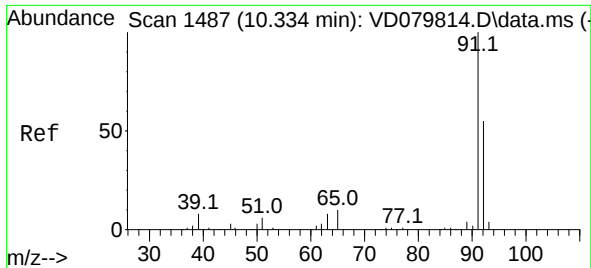
Ion Ratio Lower Upper

43 100

58 39.7 31.1 46.7

100 14.3 11.8 17.6





#42

Toluene

Concen: 51.484 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

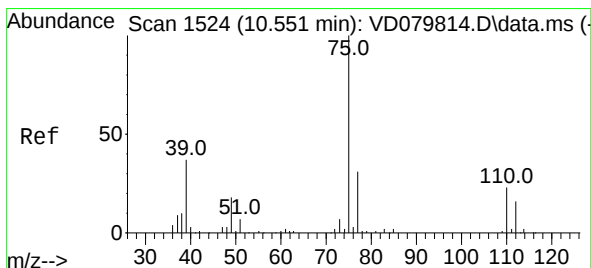
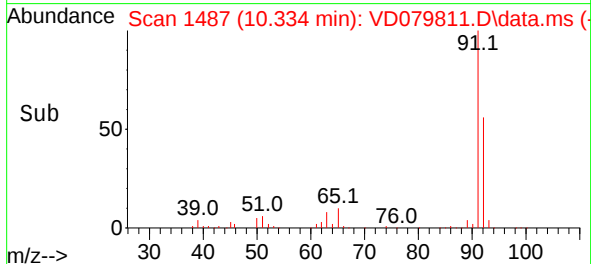
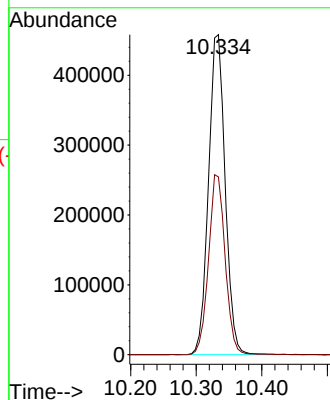
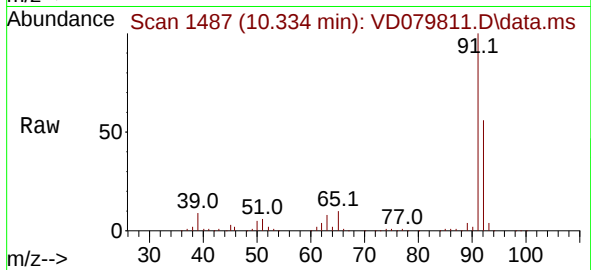
ClientSampleId :

Tgt Ion: 91 Resp: 810064

Ion Ratio Lower Upper

91 100

92 55.5 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 53.431 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079811.D

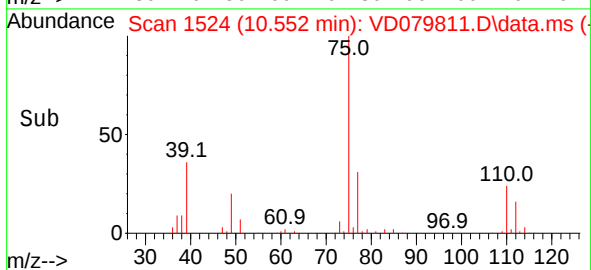
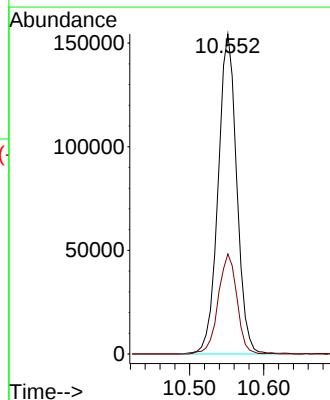
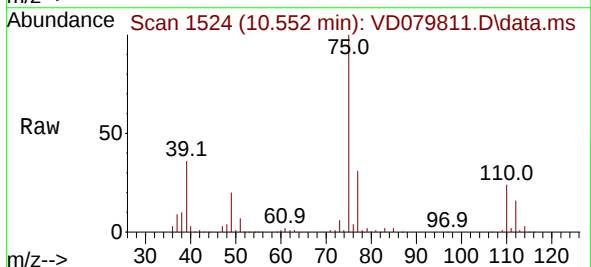
Acq: 10 Sep 2024 12:56

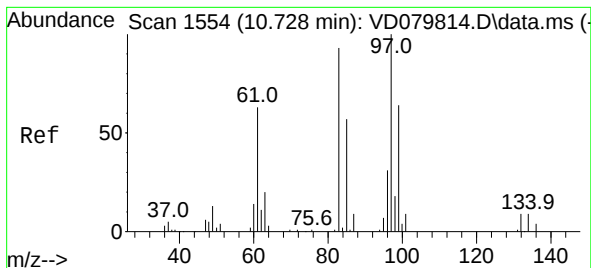
Tgt Ion: 75 Resp: 269361

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 49.878 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

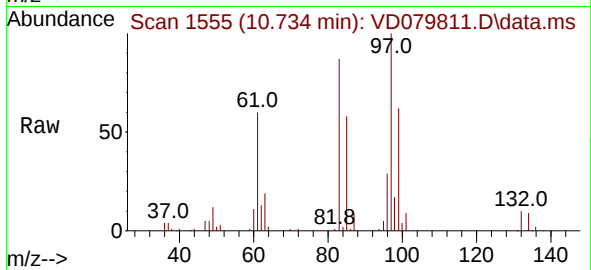
Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 138818

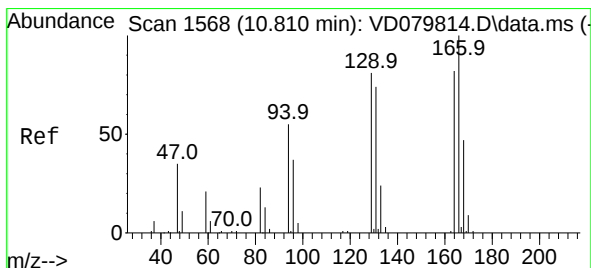
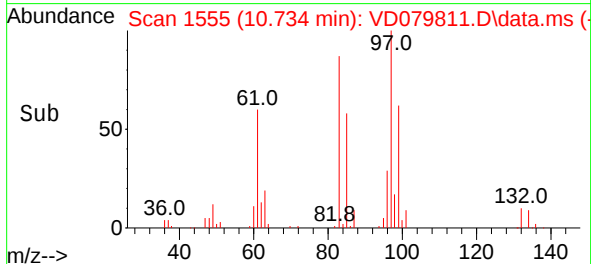
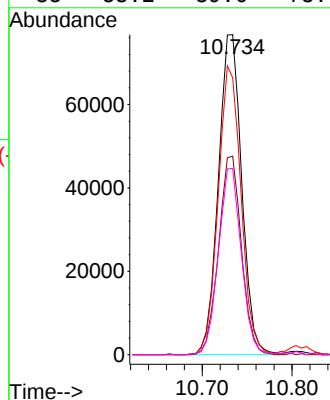
Ion Ratio Lower Upper

97 100

99 62.1 45.1 83.7

83 86.5 65.2 121.0

85 58.2 39.6 73.6



#46

Tetrachloroethene

Concen: 49.208 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Tgt Ion:164 Resp: 115304

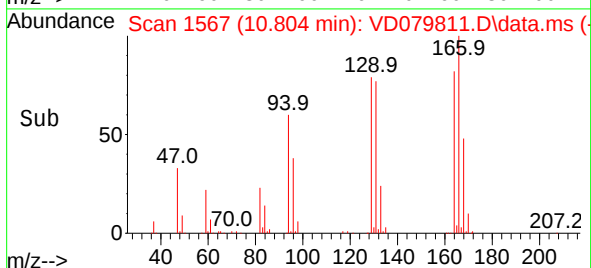
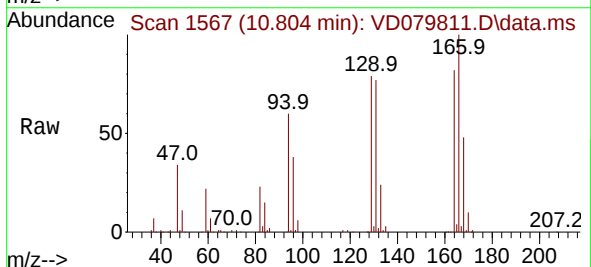
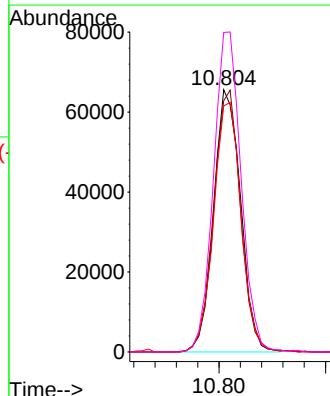
Ion Ratio Lower Upper

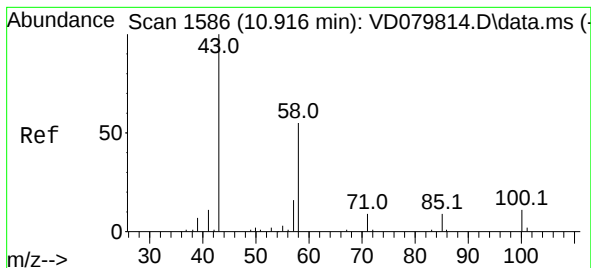
164 100

129 95.8 68.7 127.5

131 93.8 62.5 116.1

166 121.8 85.0 157.8





#48

2-Hexanone

Concen: 110.903 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. 0.000 min

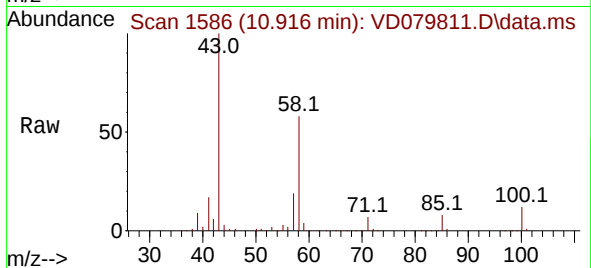
Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 192365

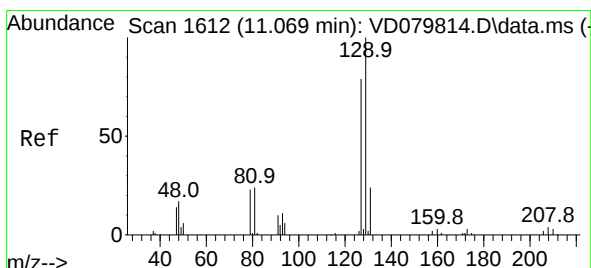
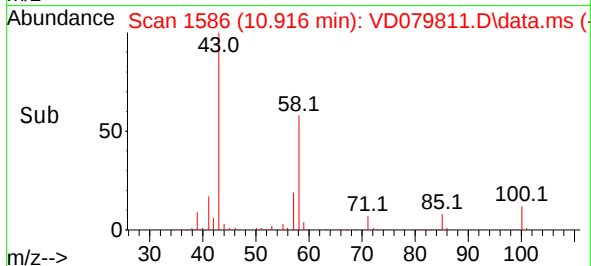
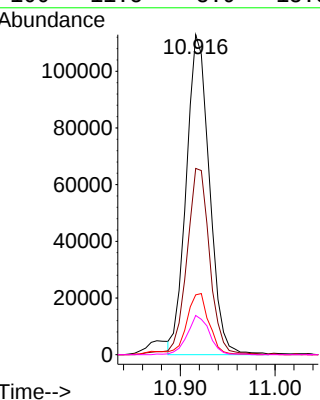
Ion Ratio Lower Upper

43 100

58 56.9 44.7 67.1

57 18.2 13.6 20.4

100 11.5 8.9 13.3



#49

Dibromochloromethane

Concen: 48.631 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VD079811.D

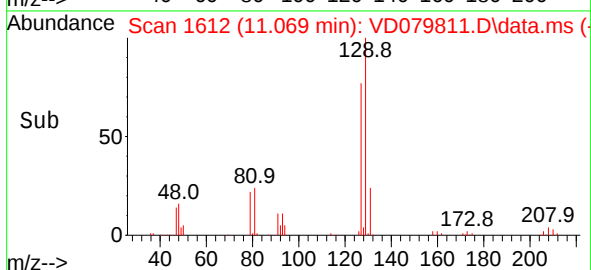
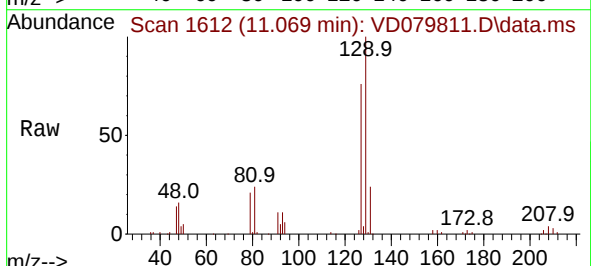
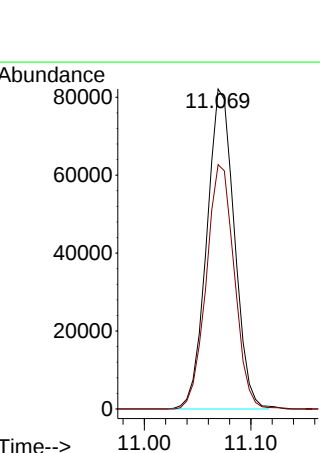
Acq: 10 Sep 2024 12:56

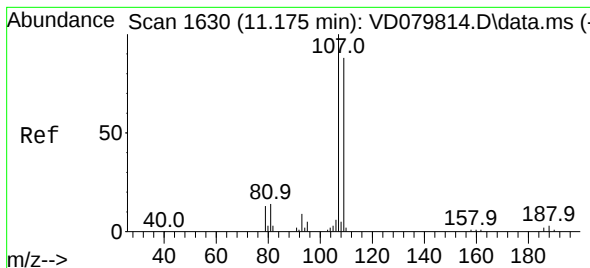
Tgt Ion:129 Resp: 147731

Ion Ratio Lower Upper

129 100

127 76.4 55.2 102.6





#50

1,2-Dibromoethane

Concen: 49.093 ug/L

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

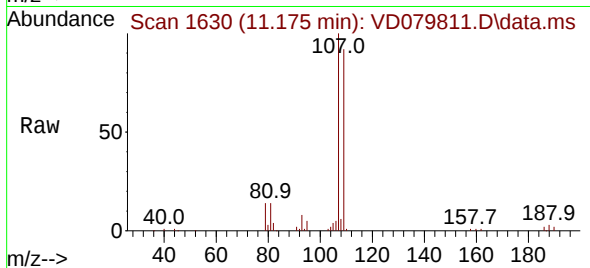
Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

ClientSampleId :



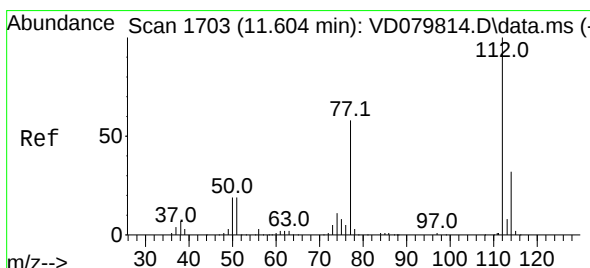
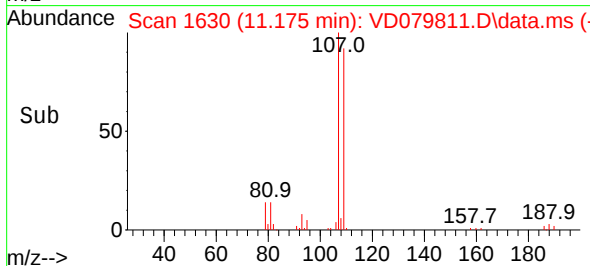
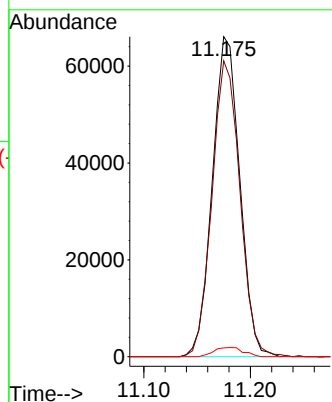
Tgt Ion:107 Resp: 118011

Ion Ratio Lower Upper

107 100

109 92.4 61.5 114.1

188 2.7 2.3 3.5



#51

Chlorobenzene

Concen: 49.185 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

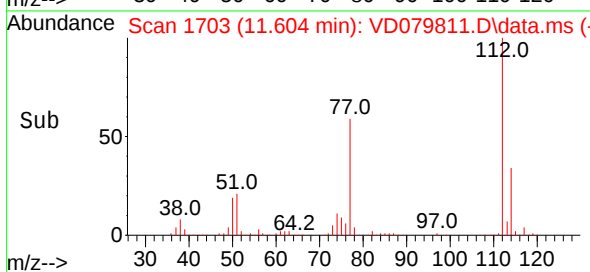
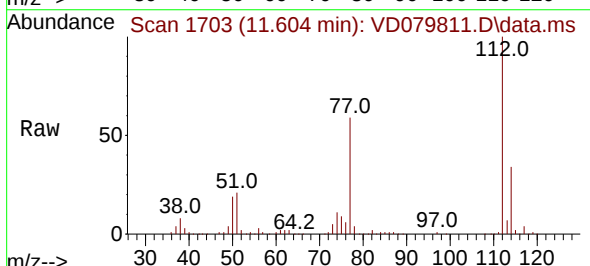
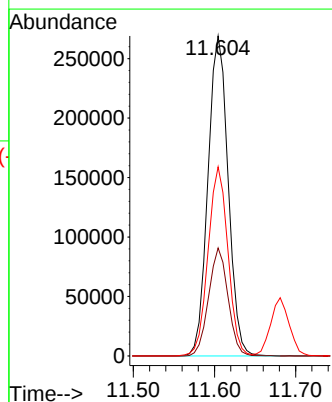
Tgt Ion:112 Resp: 464427

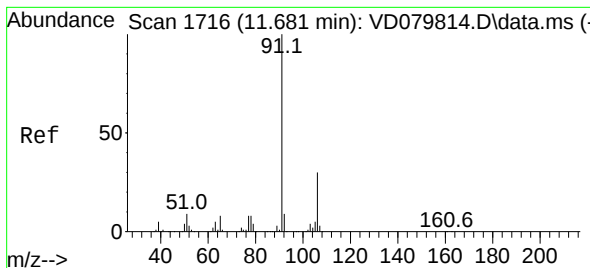
Ion Ratio Lower Upper

112 100

114 33.7 22.0 41.0

77 59.1 46.7 70.1





#52

Ethylbenzene

Concen: 51.707 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

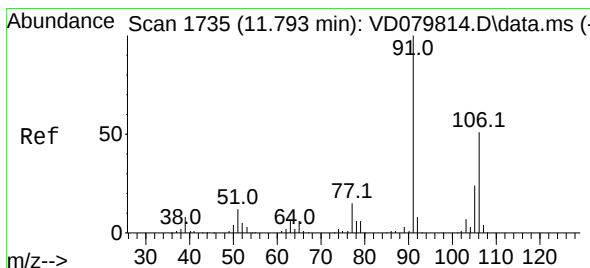
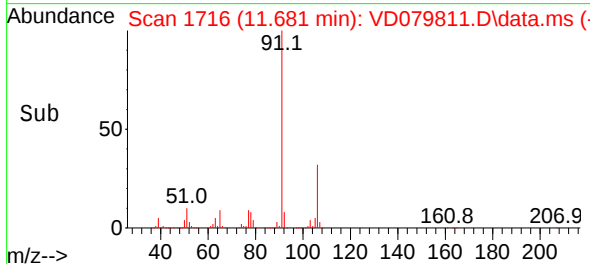
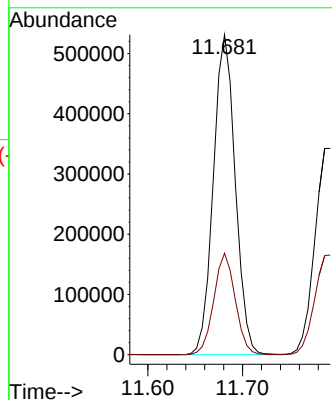
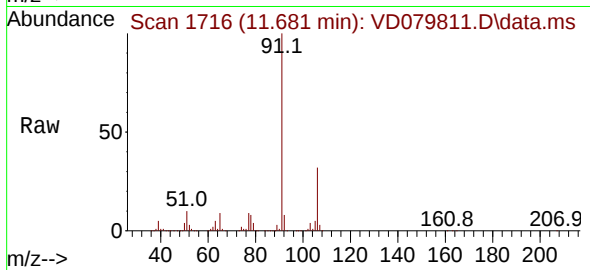
ClientSampleId :

Tgt Ion: 91 Resp: 854658

Ion Ratio Lower Upper

91 100

106 31.7 21.3 39.5



#53

m,p-Xylene

Concen: 51.528 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079811.D

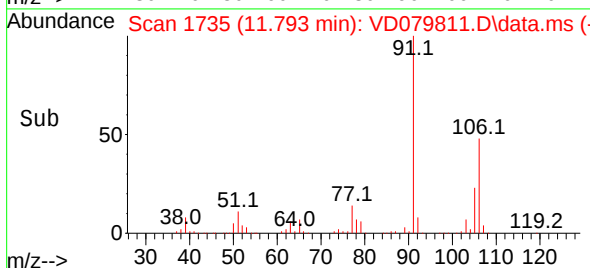
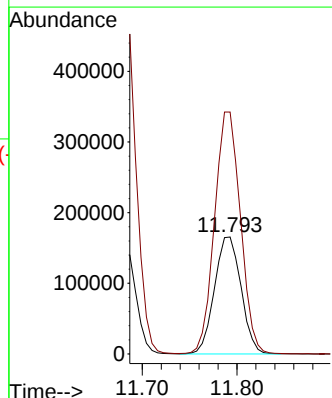
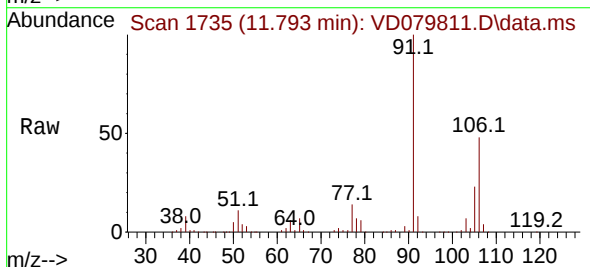
Acq: 10 Sep 2024 12:56

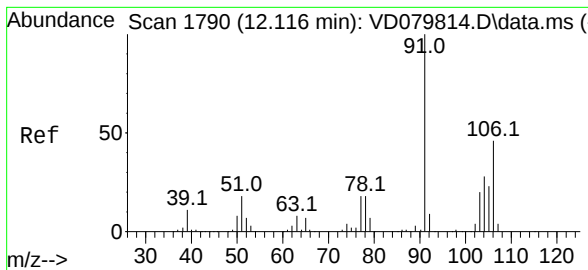
Tgt Ion:106 Resp: 322594

Ion Ratio Lower Upper

106 100

91 206.8 138.3 256.9

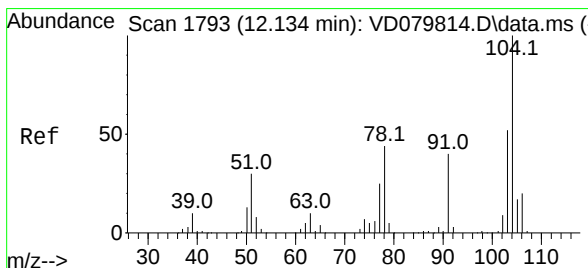
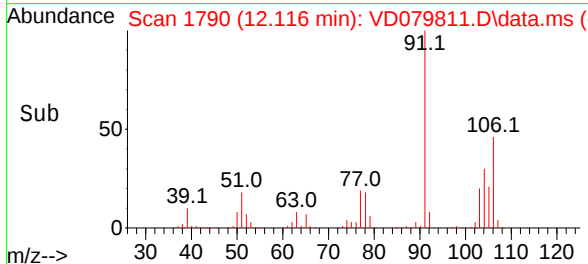
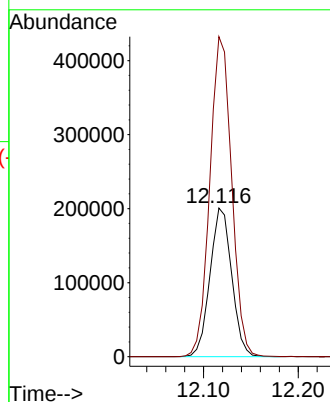
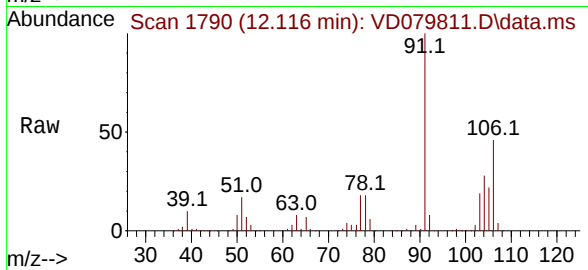




#54
o-Xylene
Concen: 52.124 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

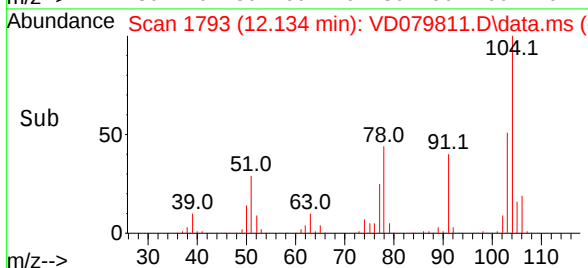
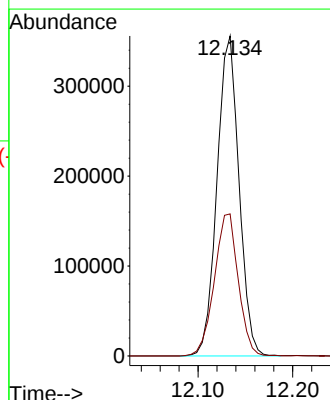
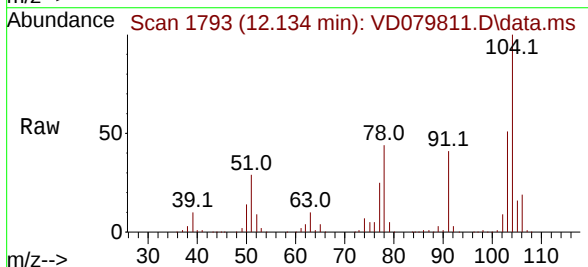
Instrument :
MSVOA_D
ClientSampleId :

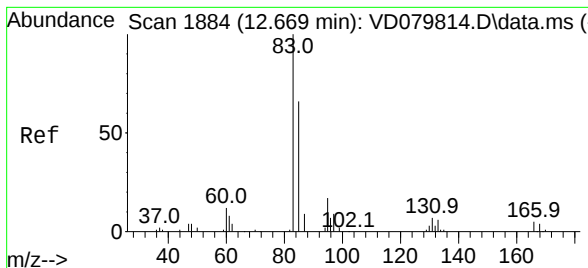
Tgt Ion:106 Resp: 319959
Ion Ratio Lower Upper
106 100
91 215.2 152.6 283.4



#55
Styrene
Concen: 53.288 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

Tgt Ion:104 Resp: 574883
Ion Ratio Lower Upper
104 100
78 44.4 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 49.750 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

ClientSampleId :

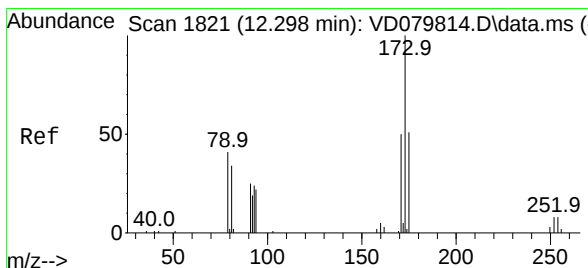
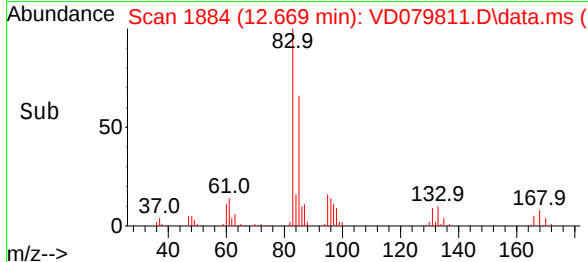
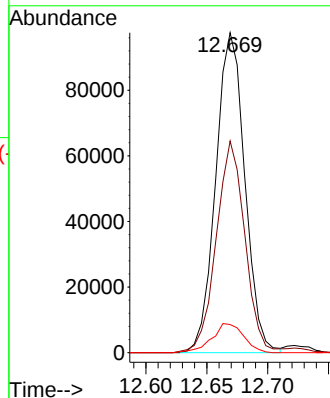
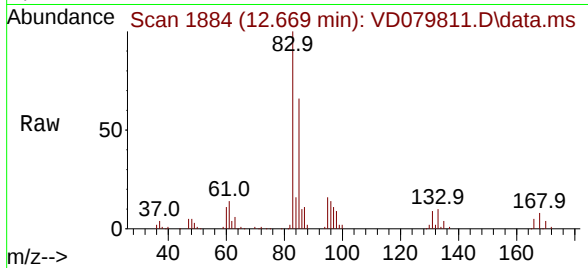
Tgt Ion: 83 Resp: 162299

Ion Ratio Lower Upper

83 100

85 66.2 46.8 87.0

131 8.8 6.5 9.7



#59

Bromoform

Concen: 49.654 ug/L

RT: 12.293 min Scan# 1820

Delta R.T. -0.006 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

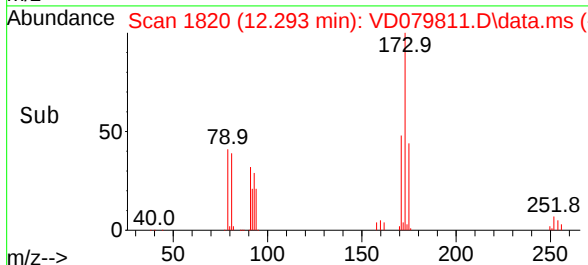
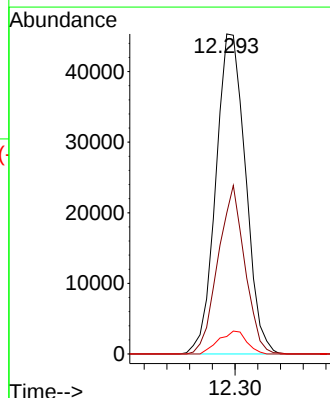
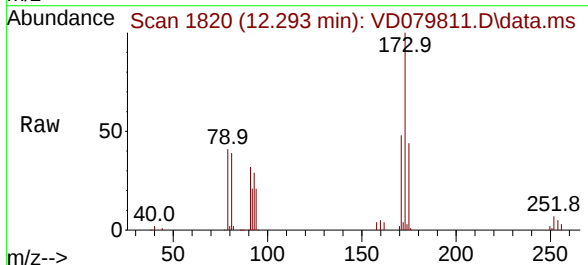
Tgt Ion:173 Resp: 82127

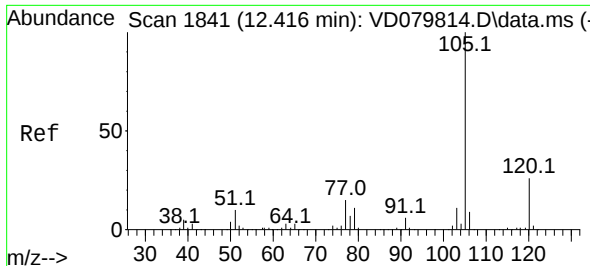
Ion Ratio Lower Upper

173 100

175 47.7 39.2 58.8

254 6.8 5.5 8.3

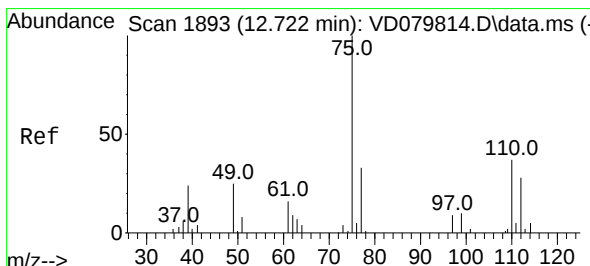
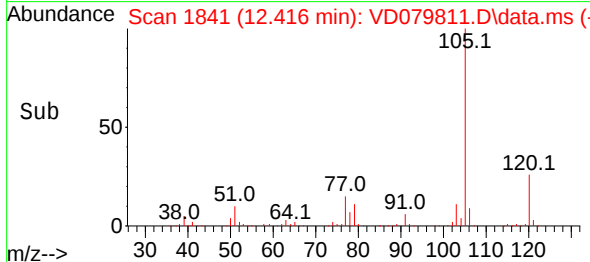
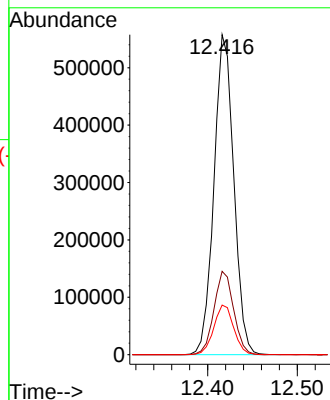
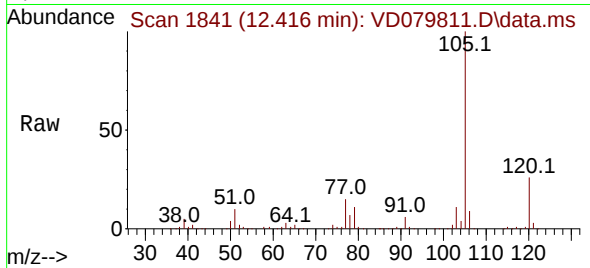




#60
Isopropylbenzene
Concen: 51.671 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

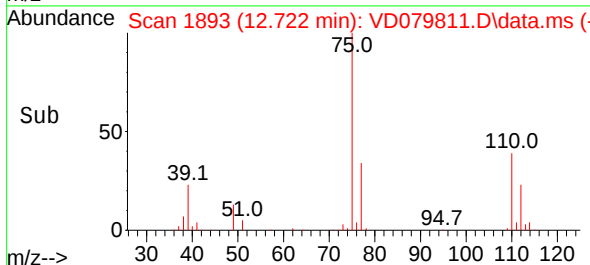
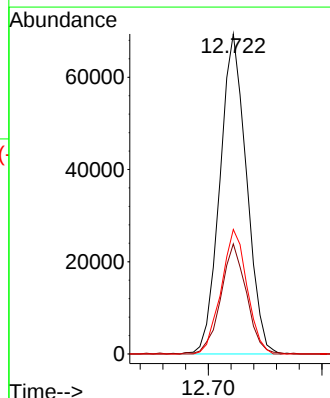
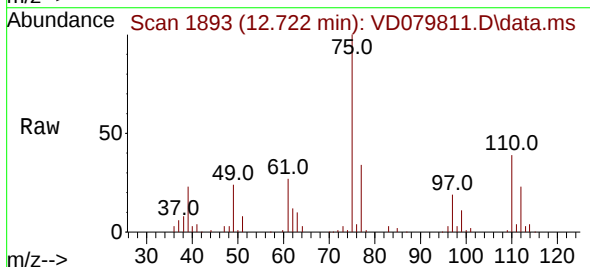
Instrument :
MSVOA_D
ClientSampleId :

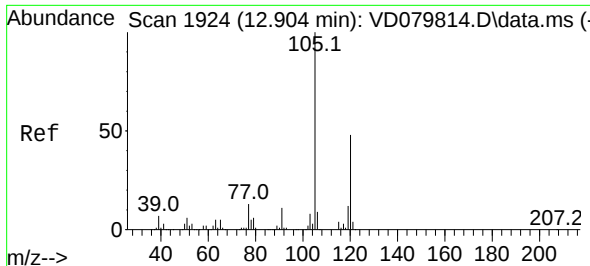
Tgt Ion:105 Resp: 854754
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 47.954 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079811.D
Acq: 10 Sep 2024 12:56

Tgt Ion: 75 Resp: 112937
Ion Ratio Lower Upper
75 100
77 32.9 25.1 37.7
110 37.7 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 56.126 ug/L

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

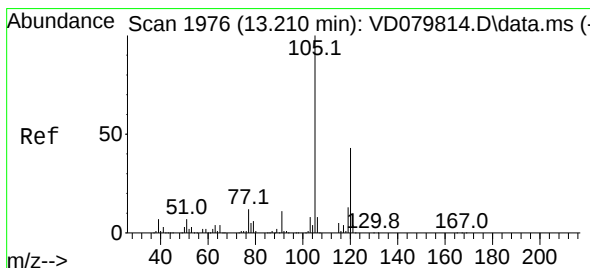
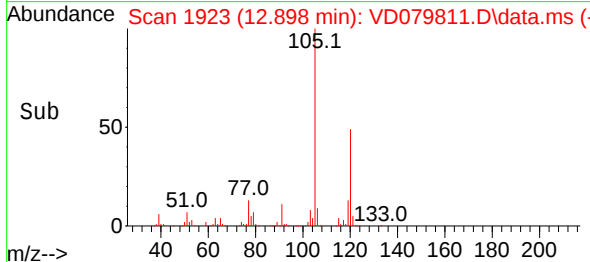
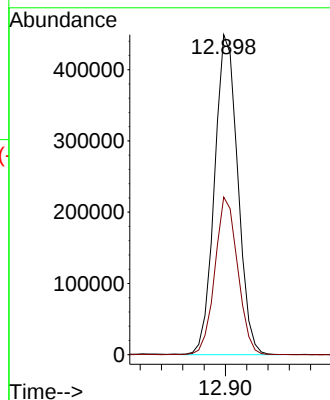
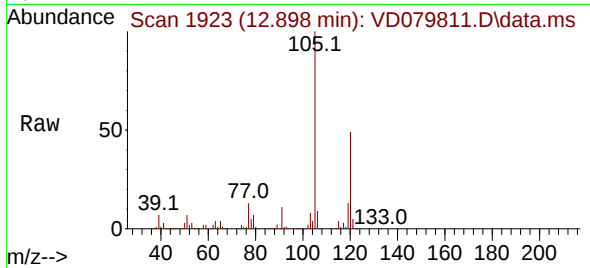
ClientSampleId :

Tgt Ion:105 Resp: 679000

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 53.393 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079811.D

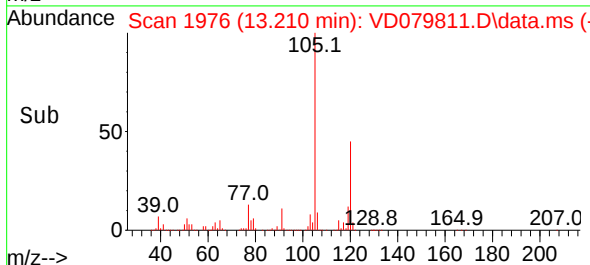
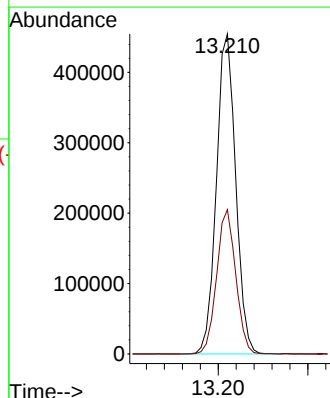
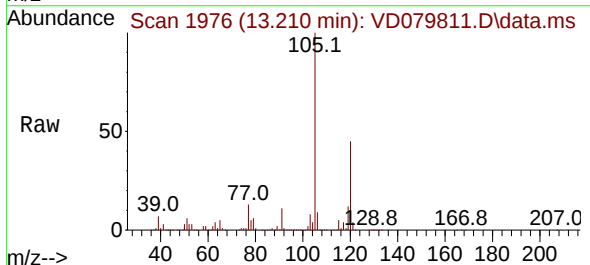
Acq: 10 Sep 2024 12:56

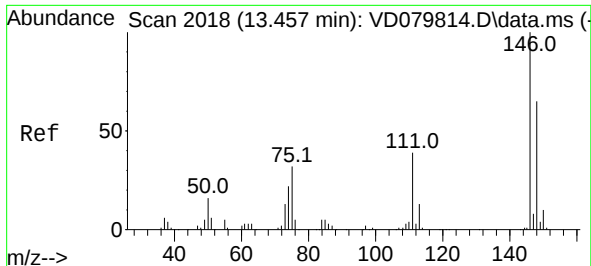
Tgt Ion:105 Resp: 677390

Ion Ratio Lower Upper

105 100

120 44.7 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 49.735 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

ClientSampleId :

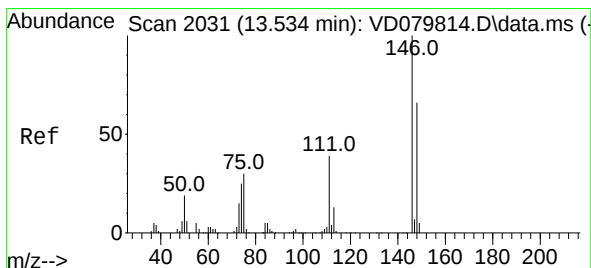
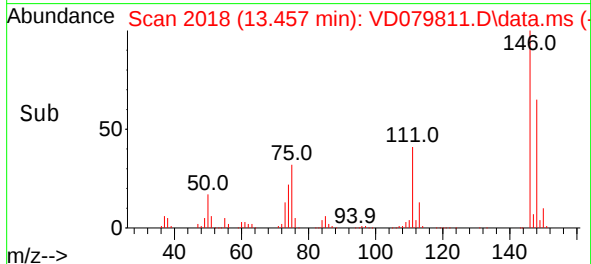
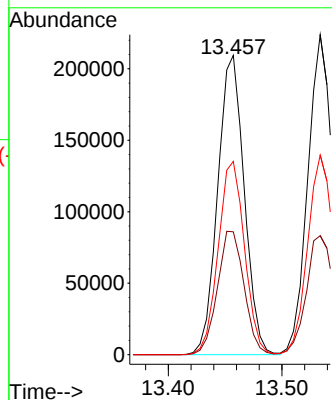
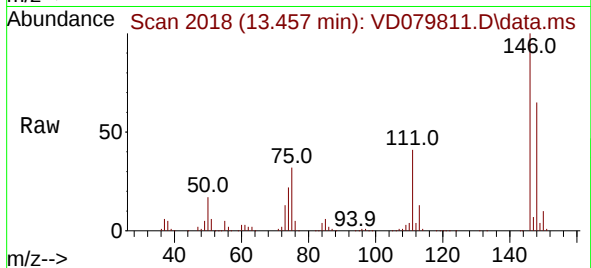
Tgt Ion:146 Resp: 339992

Ion Ratio Lower Upper

146 100

111 41.1 27.4 50.8

148 64.5 45.6 84.8



#65

1,4-Dichlorobenzene

Concen: 48.415 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

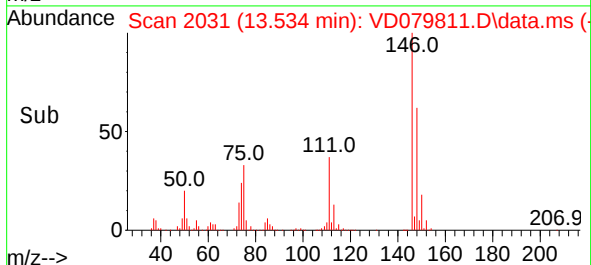
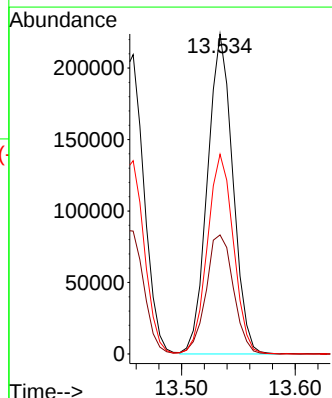
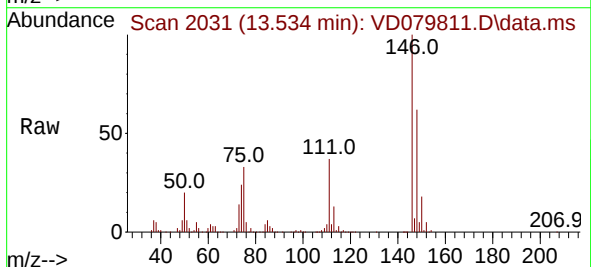
Tgt Ion:146 Resp: 347152

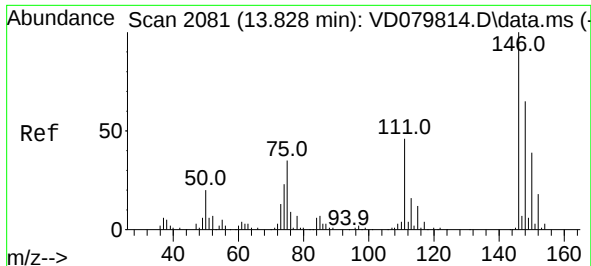
Ion Ratio Lower Upper

146 100

111 37.2 27.6 51.4

148 62.4 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 49.933 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

ClientSampleId :

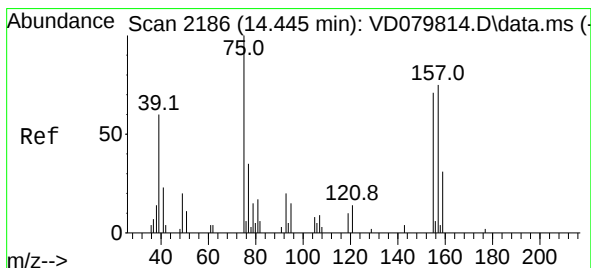
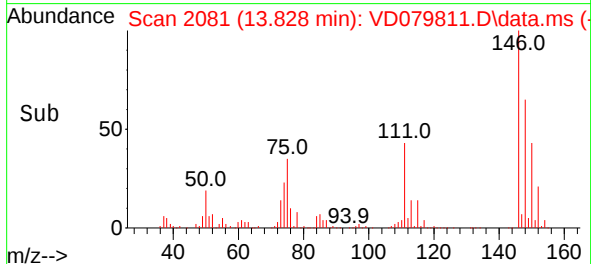
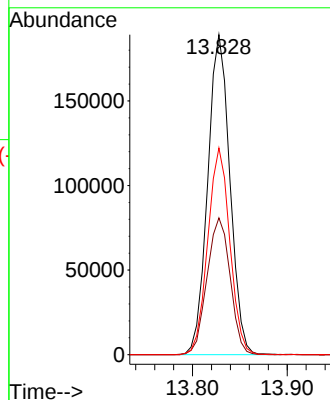
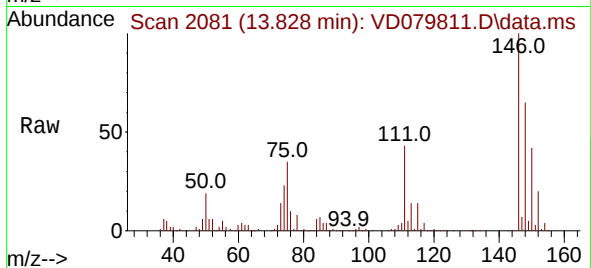
Tgt Ion:146 Resp: 308526

Ion Ratio Lower Upper

146 100

111 42.8 36.9 55.3

148 64.6 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 49.955 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

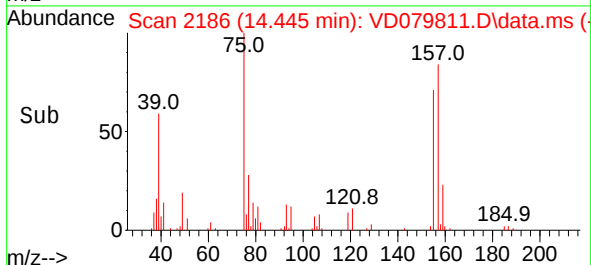
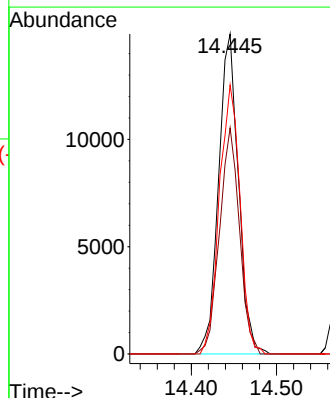
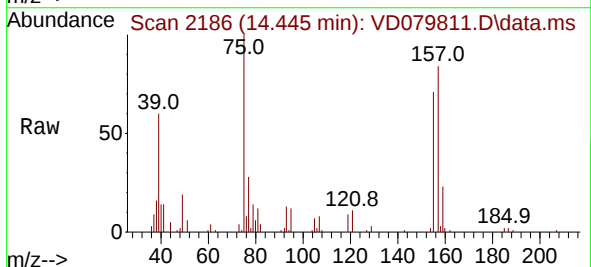
Tgt Ion: 75 Resp: 24072

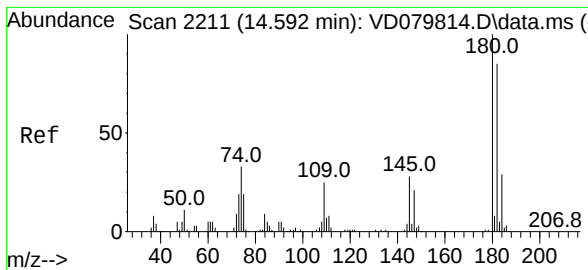
Ion Ratio Lower Upper

75 100

155 70.7 57.2 85.8

157 84.1 59.7 89.5





#69

1,3,5-Trichlorobenzene

Concen: 50.204 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

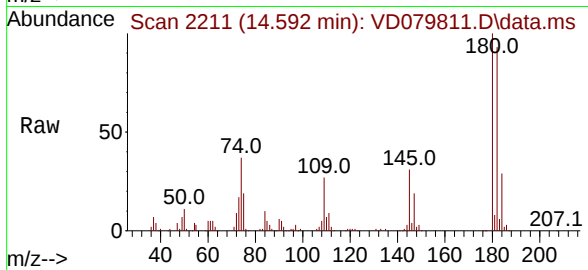
Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 208100

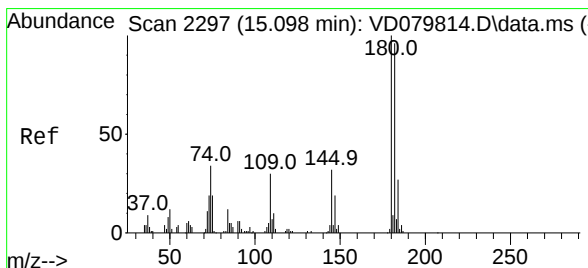
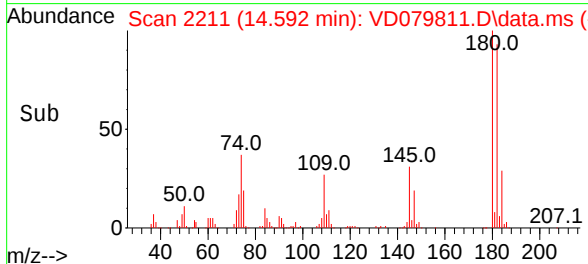
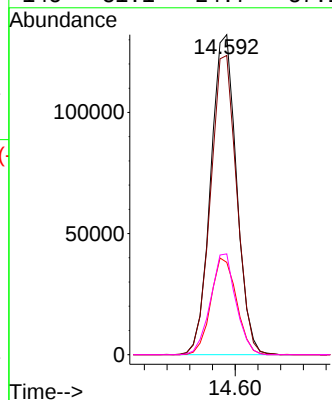
Ion Ratio Lower Upper

180 100

182 94.5 72.6 109.0

184 30.2 24.2 36.2

145 31.1 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 50.960 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. -0.006 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

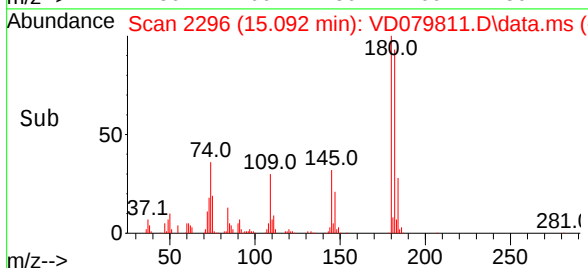
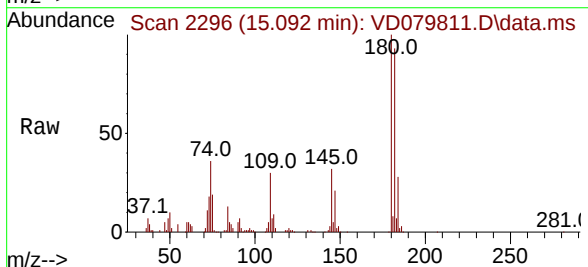
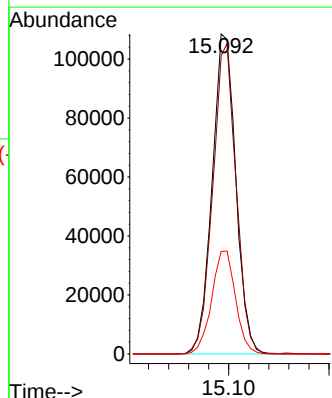
Tgt Ion:180 Resp: 177848

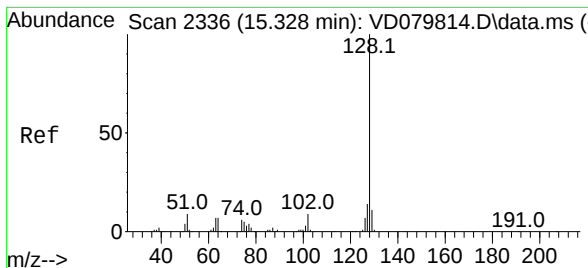
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 32.5 26.6 40.0





#71

Naphthalene

Concen: 53.345 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Instrument :

MSVOA_D

ClientSampleId :

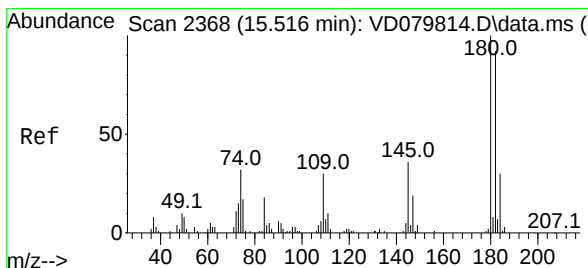
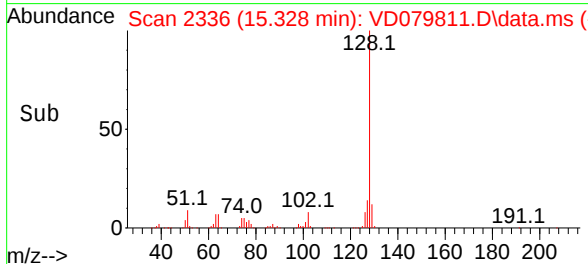
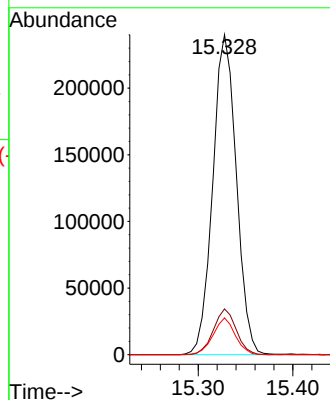
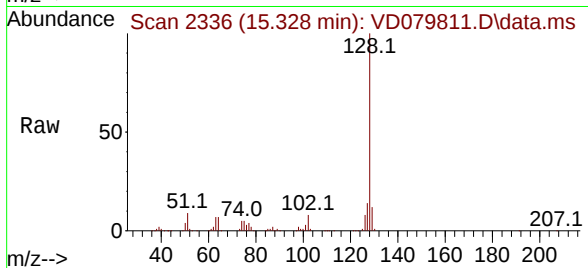
Tgt Ion:128 Resp: 415815

Ion Ratio Lower Upper

128 100

127 13.8 11.2 16.8

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 53.085 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079811.D

Acq: 10 Sep 2024 12:56

Tgt Ion:180 Resp: 165719

Ion Ratio Lower Upper

180 100

182 93.7 74.1 111.1

145 33.2 26.4 39.6

