

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079808.D
 Acq On : 10 Sep 2024 10:09
 Operator : RP/MD
 Sample : VSTD2.537
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 11 05:54:32 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	157528	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	154083	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	64888	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	18464	2.696	ug/L	0.00
7) Chloroethane-d5	2.805	69	15301	2.821	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	3179	2.556	ug/L	0.00
21) 2-Butanone-d5	6.999	46	556	0.874	ug/L	0.01
24) Chloroform-d	7.563	84	14038	2.711	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	7531	2.781	ug/L	0.00
32) Benzene-d6	8.199	84	27322	2.512	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.205	67	8843	2.654	ug/L	0.00
41) Toluene-d8	10.263	98	22363	2.336	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	3691	2.577	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	2449	4.509	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	6184	2.526	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	6075	2.483	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	8155	2.715	ug/L	91
3) Chloromethane	2.152	50	14271	2.710	ug/L	95
5) Vinyl chloride	2.281	62	16612	2.575	ug/L	93
6) Bromomethane	2.693	94	7830	2.426	ug/L	91
8) Chloroethane	2.834	64	11562	2.712	ug/L	88
9) Trichlorofluoromethane	3.175	101	13605	2.933	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	7164	2.790	ug/L #	77
12) 1,1-Dichloroethene	3.934	96	6227	2.604	ug/L	99
13) Acetone	4.022	43	2287	2.947	ug/L	95
14) Carbon disulfide	4.264	76	22233	2.858	ug/L	99
15) Methyl Acetate	4.617	43	326	0.264	ug/L	95
16) Methylene chloride	4.793	84	9279	2.981	ug/L	92
17) trans-1,2-Dichloroethene	5.311	96	4559	1.788	ug/L	95
18) Methyl tert-butyl Ether	5.305	73	5165	0.900	ug/L #	84
19) 1,1-Dichloroethane	6.111	63	13544	2.674	ug/L	92
20) cis-1,2-Dichloroethene	7.087	96	3845	1.369	ug/L	85
22) 2-Butanone	7.081	43	1888	2.074	ug/L	88
23) Bromochloromethane	7.428	128	2943	2.469	ug/L #	85
25) Chloroform	7.593	83	15247	2.891	ug/L	88
27) 1,2-Dichloroethane	8.322	62	8684	2.694	ug/L #	79
29) Cyclohexane	7.869	56	5675	1.489	ug/L #	55
30) 1,1,1-Trichloroethane	7.793	97	11706	2.787	ug/L #	81
31) Carbon tetrachloride	7.993	117	9852	2.648	ug/L	100
33) Benzene	8.246	78	28634	2.496	ug/L	100
34) Trichloroethene	9.022	95	4025	1.515	ug/L	89
35) Methylcyclohexane	9.269	83	10439	2.440	ug/L	97
37) 1,2-Dichloropropane	9.299	63	7584	2.424	ug/L #	100
38) Bromodichloromethane	9.587	83	9663	2.650	ug/L #	87
39) cis-1,3-Dichloropropene	10.016	75	9245	2.104	ug/L	93
40) 4-Methyl-2-pentanone	10.157	43	7218	4.407	ug/L #	97
42) Toluene	10.334	91	27902	2.309	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	8475	2.189	ug/L	87

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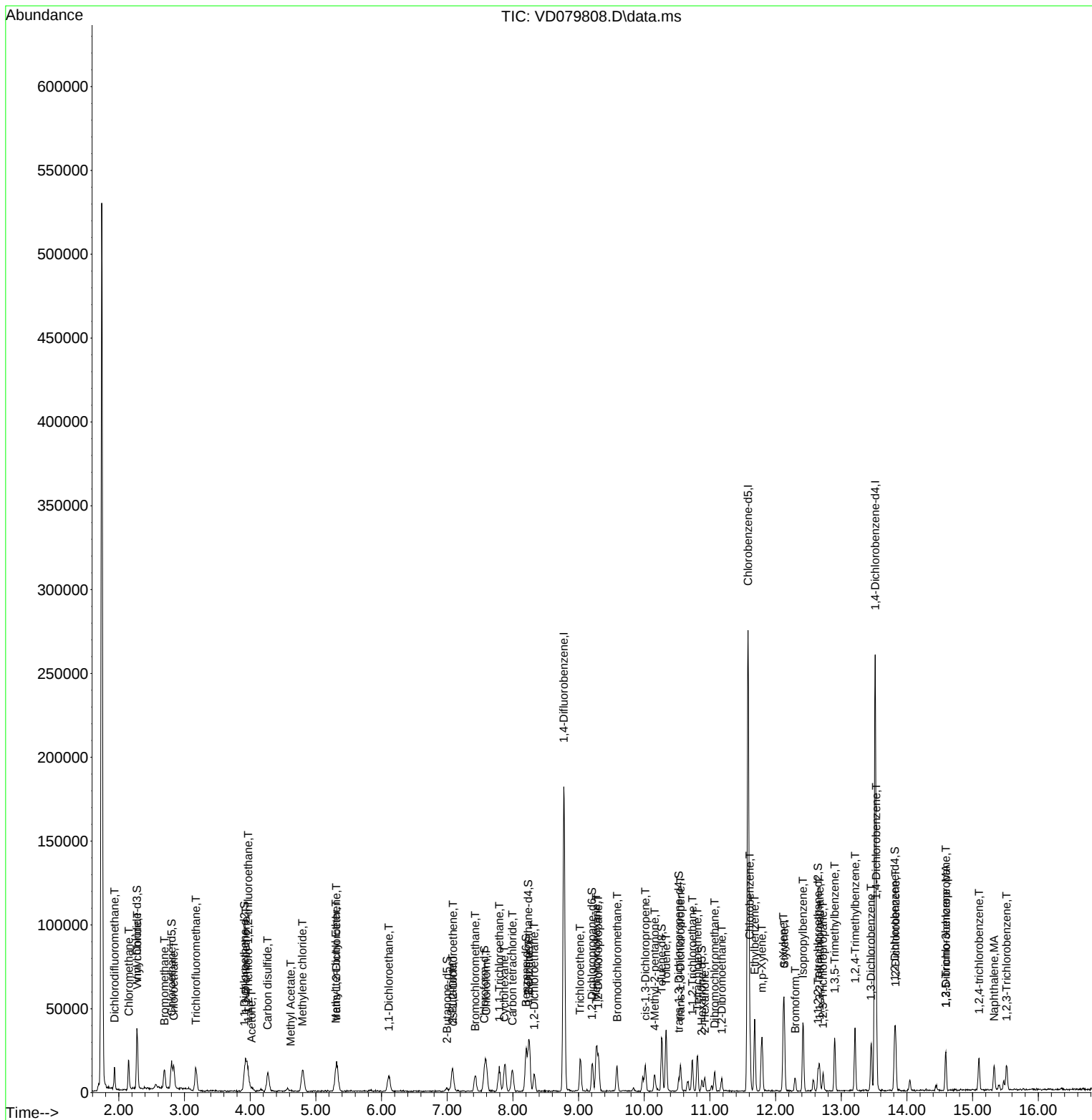
Quant Time: Sep 11 05:54:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 05:52:36 2024
 Response via : Initial Calibration

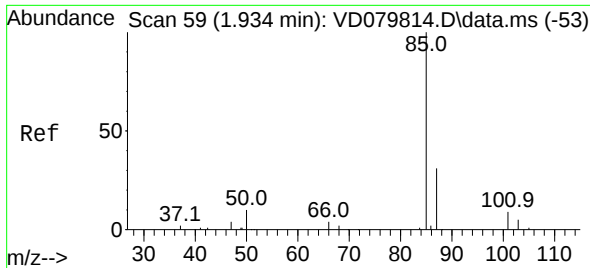
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.734	97	5245	2.454	ug/L	89
46) Tetrachloroethene	10.810	164	4302	2.390	ug/L	94
48) 2-Hexanone	10.922	43	5549	4.165	ug/L #	95
49) Dibromochloromethane	11.069	129	5961	2.555	ug/L	100
50) 1,2-Dibromoethane	11.181	107	4599	2.491	ug/L #	78
51) Chlorobenzene	11.604	112	18248	2.516	ug/L #	87
52) Ethylbenzene	11.681	91	29265	2.305	ug/L	97
53) m,p-Xylene	11.793	106	10970	2.281	ug/L	96
54) o-Xylene	12.116	106	10234	2.171	ug/L	85
55) Styrene	12.134	104	17227	2.079	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.669	83	6289	2.510	ug/L #	95
59) Bromoform	12.299	173	2932	2.618	ug/L #	97
60) Isopropylbenzene	12.416	105	26794	2.392	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	4391	2.753	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.898	105	16619	2.028	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	18492	2.152	ug/L	98
64) 1,3-Dichlorobenzene	13.451	146	11551	2.495	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	12681	2.611	ug/L	90
67) 1,2-Dichlorobenzene	13.828	146	10318	2.466	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.593	75	1298	3.977	ug/L #	13
69) 1,3,5-Trichlorobenzene	14.593	180	6941	2.473	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	6143	2.599	ug/L	94
71) Naphthalene	15.328	128	12486	2.365	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.516	180	4872	2.304	ug/L	97

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

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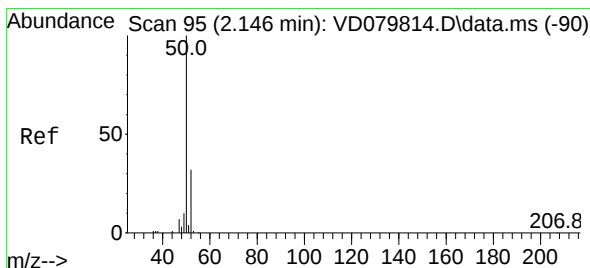
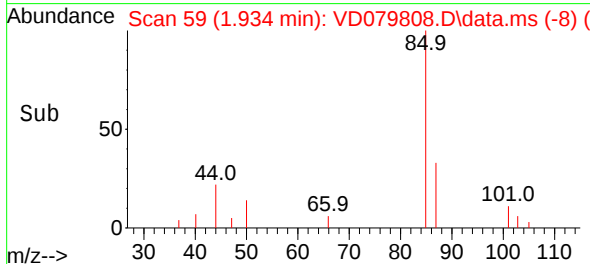
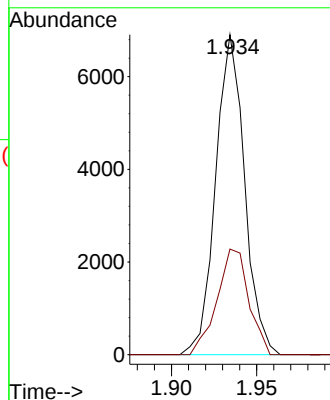
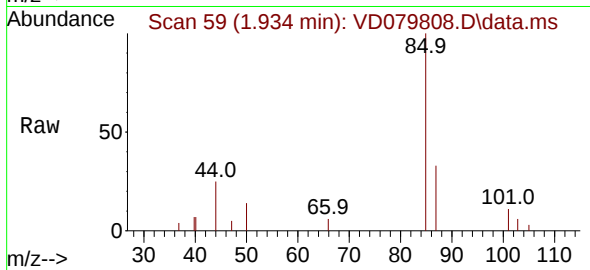




#2
 Dichlorodifluoromethane
 Concen: 2.715 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079808.D
 Acq: 10 Sep 2024 10:09

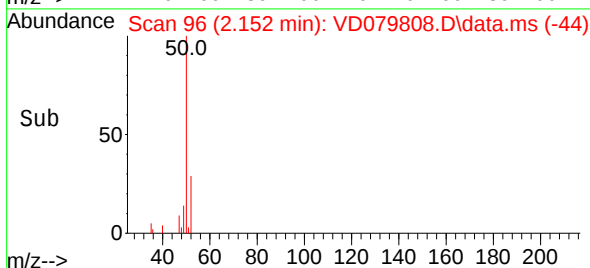
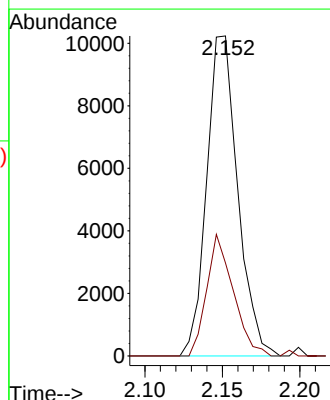
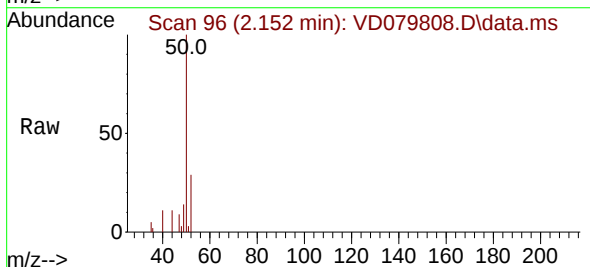
Instrument :
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 ClientSampleId :

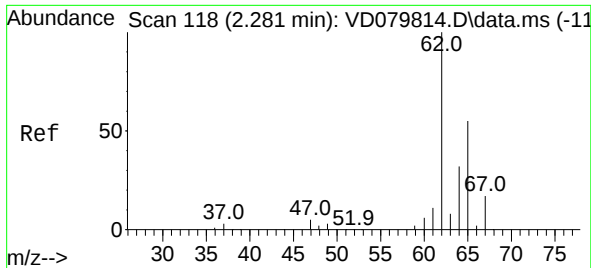
Tgt Ion: 85 Resp: 8155
 Ion Ratio Lower Upper
 85 100
 87 36.3 25.0 37.6



#3
 Chloromethane
 Concen: 2.710 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VD079808.D
 Acq: 10 Sep 2024 10:09

Tgt Ion: 50 Resp: 14271
 Ion Ratio Lower Upper
 50 100
 52 29.1 22.4 41.6

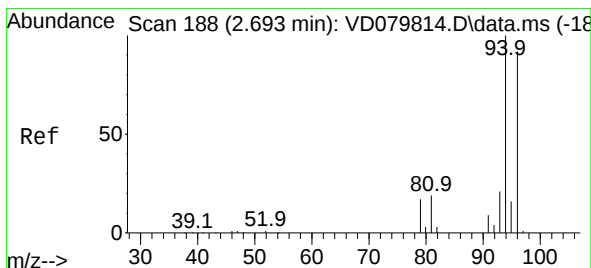
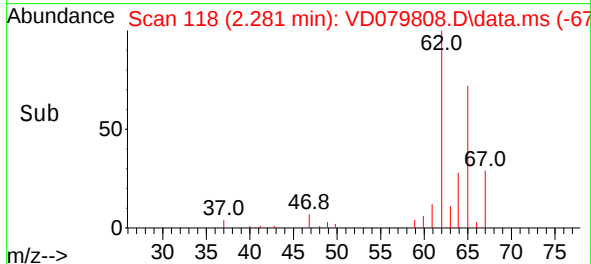
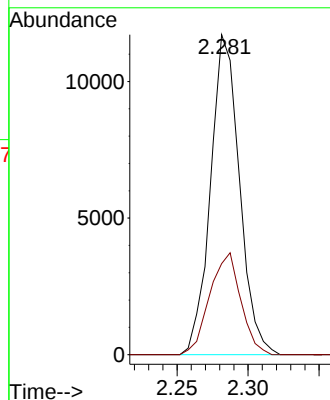
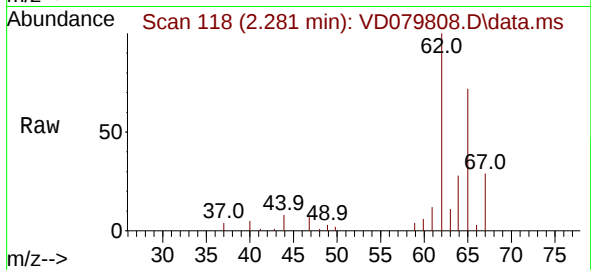




#5
 Vinyl chloride
 Concen: 2.575 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079808.D
 Acq: 10 Sep 2024 10:09

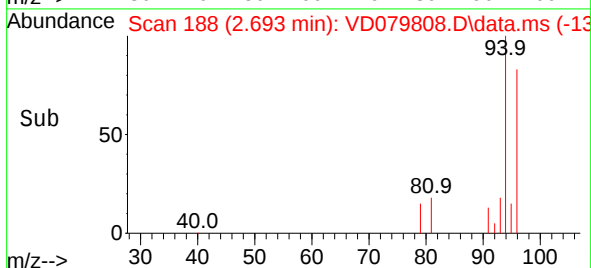
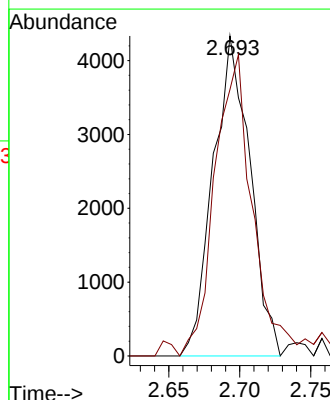
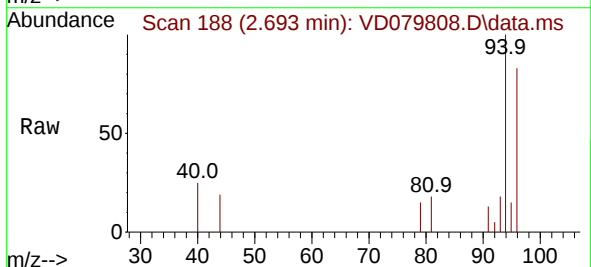
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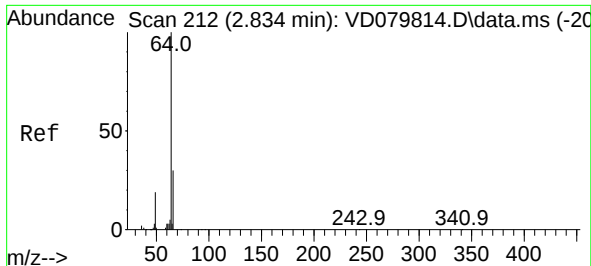
Tgt Ion: 62 Resp: 16612
 Ion Ratio Lower Upper
 62 100
 64 28.4 22.6 42.0



#6
 Bromomethane
 Concen: 2.426 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079808.D
 Acq: 10 Sep 2024 10:09

Tgt Ion: 94 Resp: 7830
 Ion Ratio Lower Upper
 94 100
 96 83.3 64.3 119.5

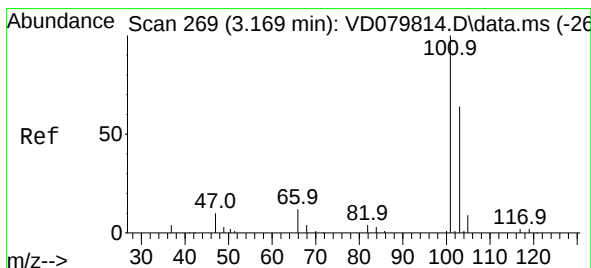
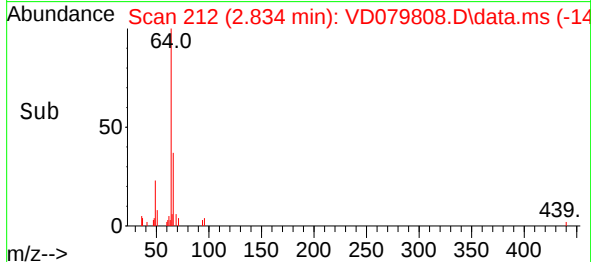
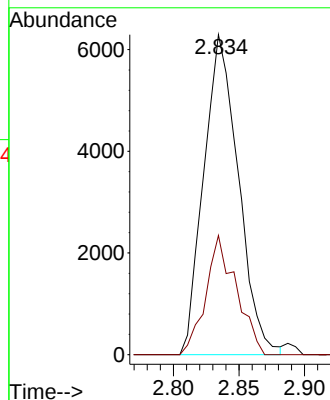
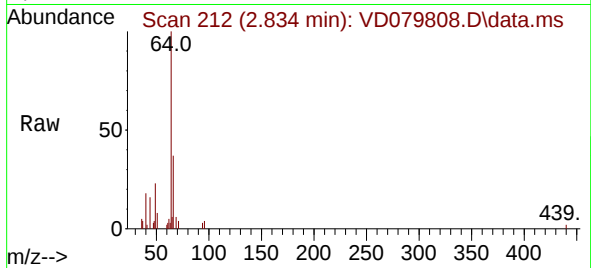




#8
Chloroethane
Concen: 2.712 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

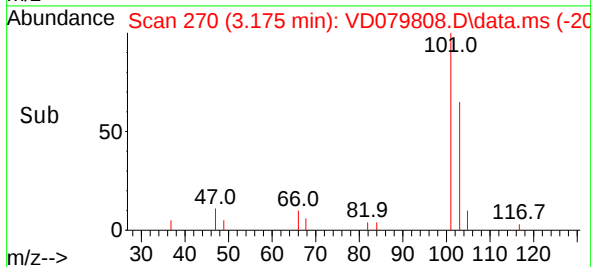
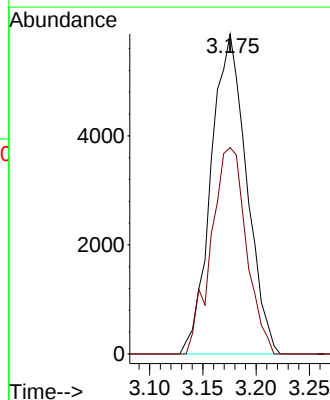
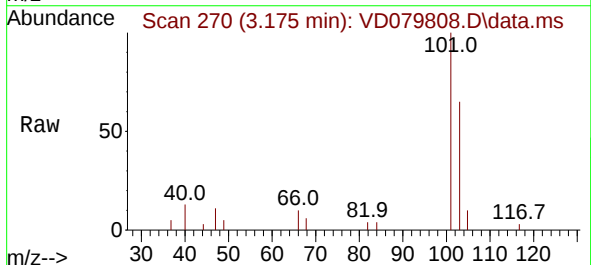
Instrument :
MSVOA_D
ClientSampleId :

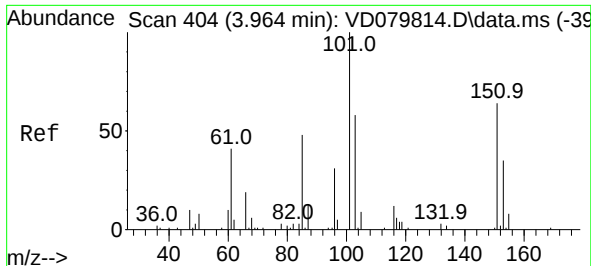
Tgt Ion: 64 Resp: 11562
Ion Ratio Lower Upper
64 100
66 37.3 21.3 39.6



#9
Trichlorofluoromethane
Concen: 2.933 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.006 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Tgt Ion:101 Resp: 13605
Ion Ratio Lower Upper
101 100
103 63.9 50.5 75.7

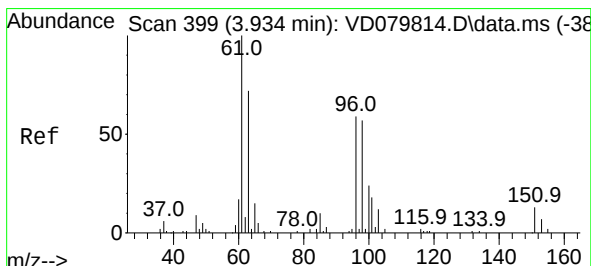
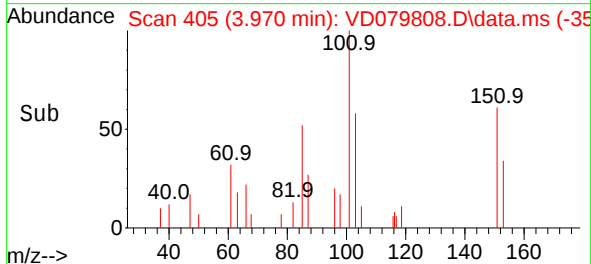
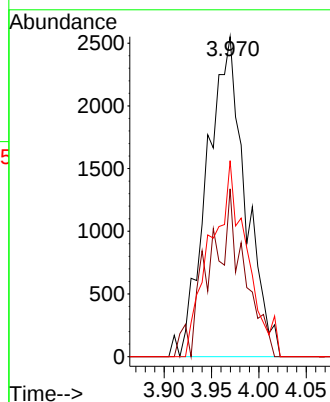
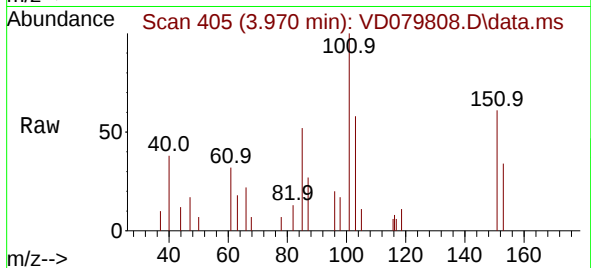




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.790 ug/L
 RT: 3.970 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VD079808.D
 Acq: 10 Sep 2024 10:09

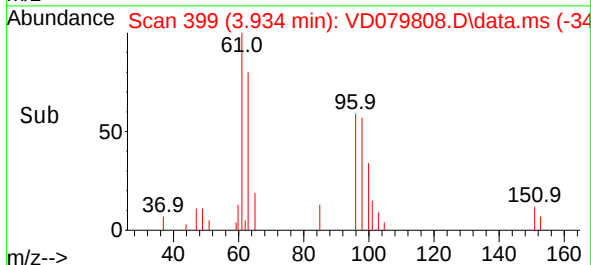
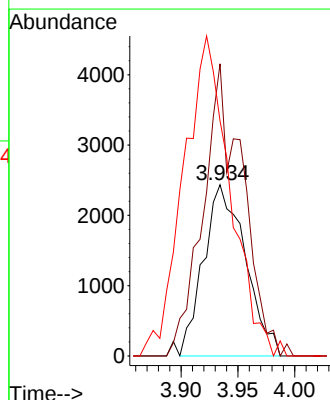
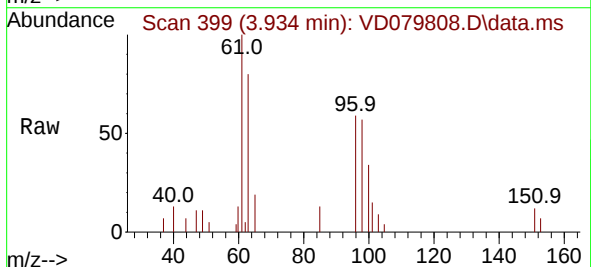
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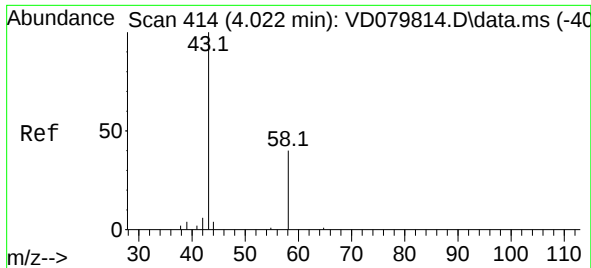
Tgt Ion:101 Resp: 7164
 Ion Ratio Lower Upper
 101 100
 85 23.6 37.8 56.8#
 151 56.2 54.2 81.4



#12
 1,1-Dichloroethene
 Concen: 2.604 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VD079808.D
 Acq: 10 Sep 2024 10:09

Tgt Ion: 96 Resp: 6227
 Ion Ratio Lower Upper
 96 100
 61 170.7 119.8 222.4
 63 137.3 93.9 174.3

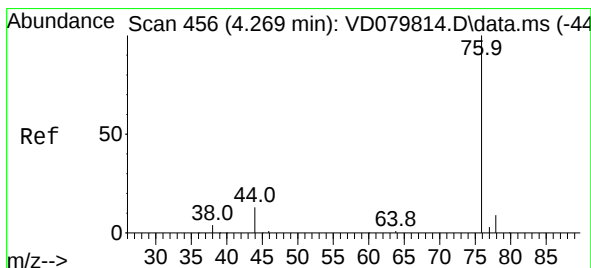
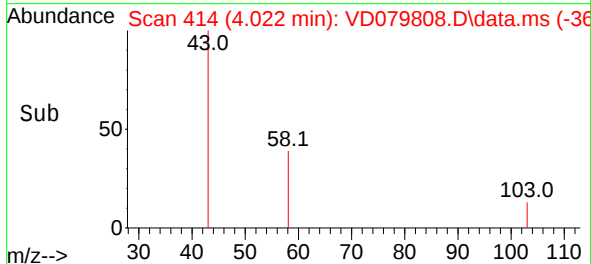
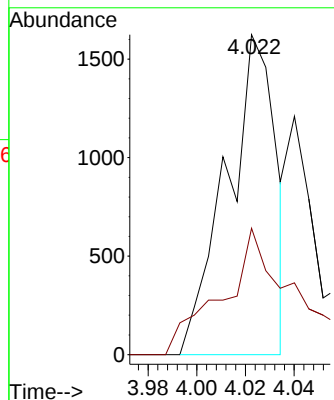
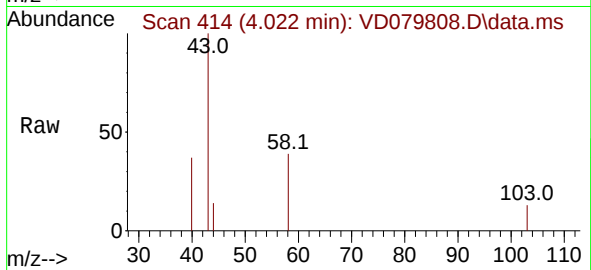




#13
Acetone
Concen: 2.947 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

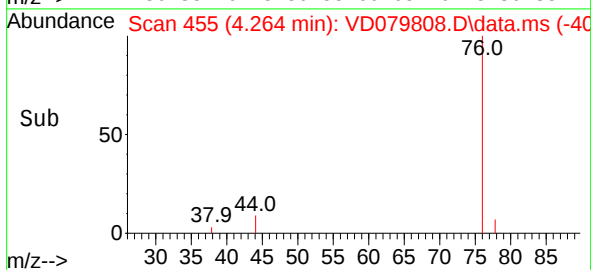
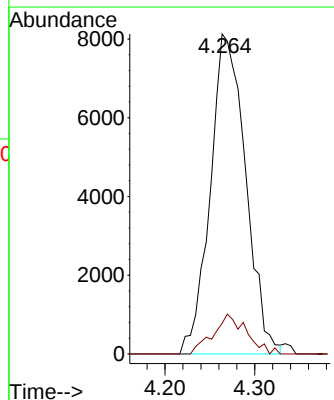
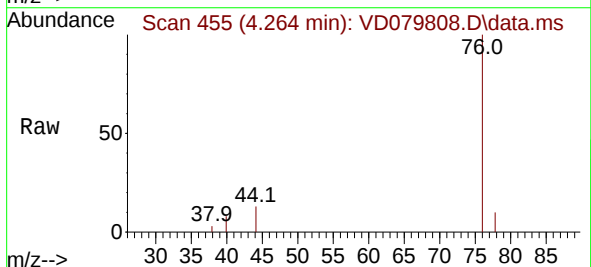
Instrument :
MSVOA_D
ClientSampleId :

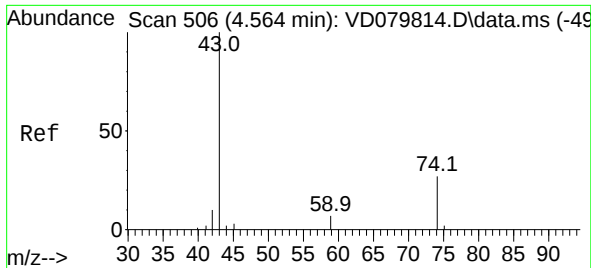
Tgt Ion: 43 Resp: 2287
Ion Ratio Lower Upper
43 100
58 41.0 0.0 75.8



#14
Carbon disulfide
Concen: 2.858 ug/L
RT: 4.264 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Tgt Ion: 76 Resp: 22233
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

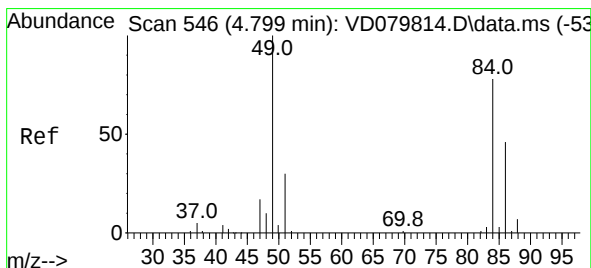
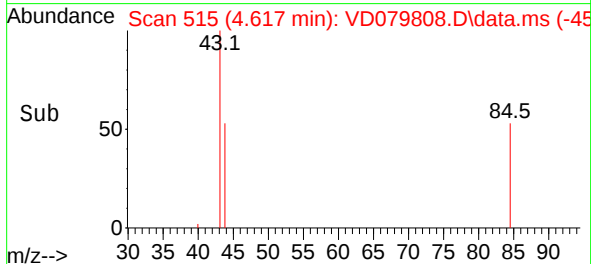
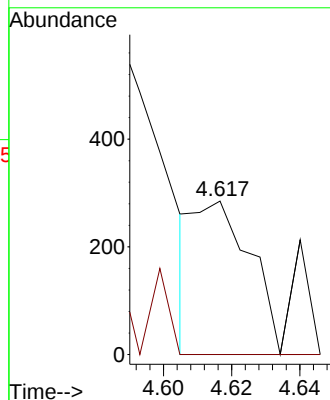
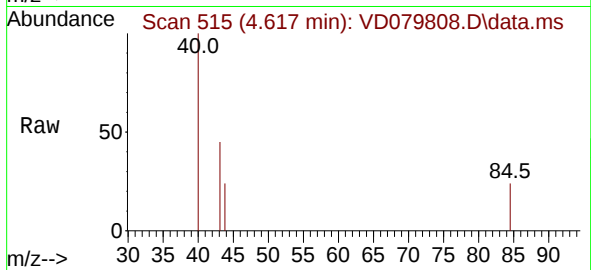




#15
Methyl Acetate
Concen: 0.264 ug/L
RT: 4.617 min Scan# 515
Delta R.T. 0.053 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

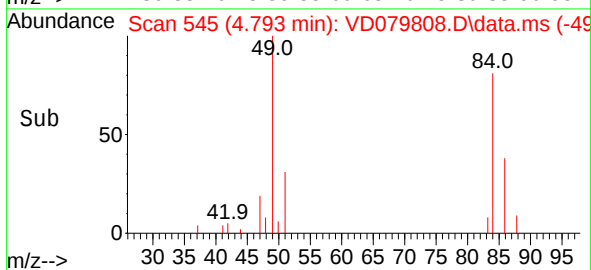
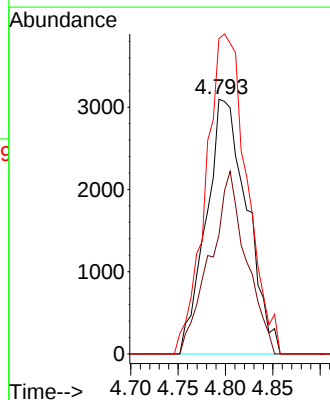
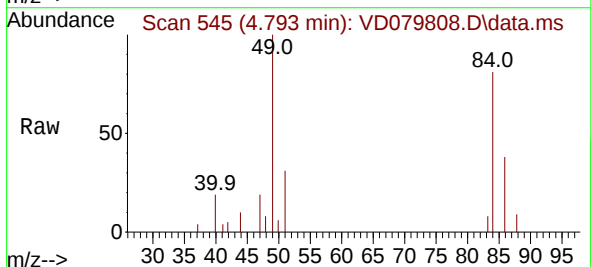
Instrument :
MSVOA_D
ClientSampleId :

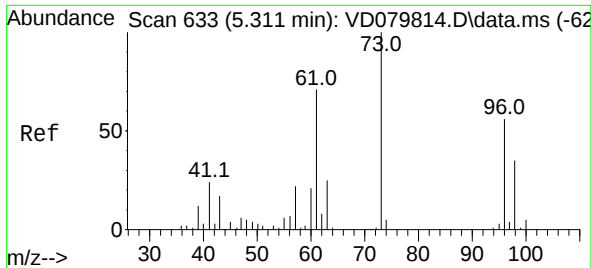
Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
74 17.2 11.9 17.9



#16
Methylene chloride
Concen: 2.981 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Tgt Ion: 84 Resp: 9279
Ion Ratio Lower Upper
84 100
86 46.6 41.0 76.2
49 123.8 90.0 167.2

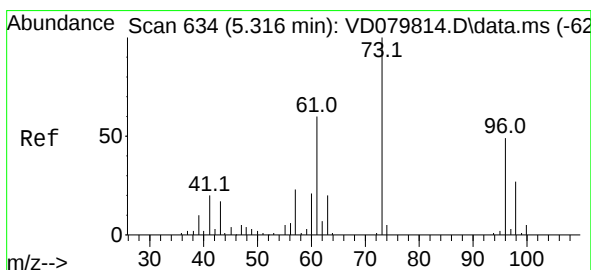
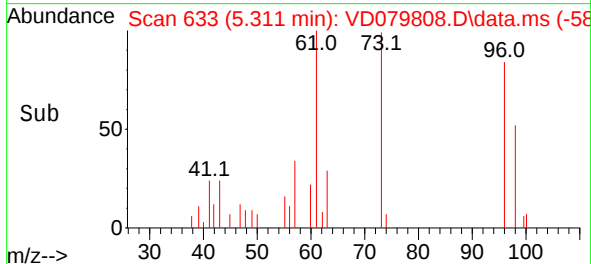
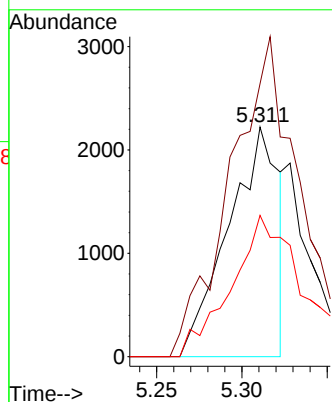
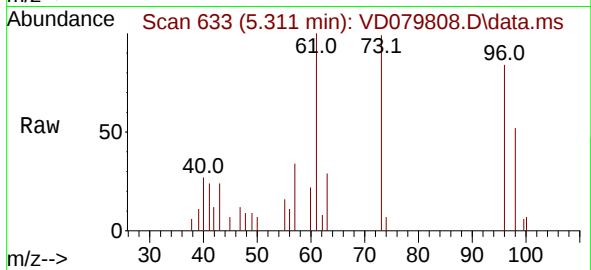




#17
trans-1,2-Dichloroethene
Concen: 1.788 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

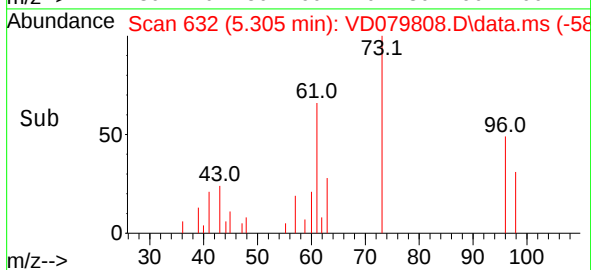
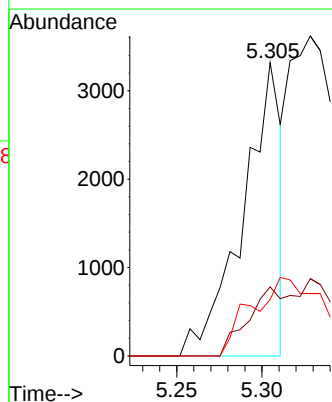
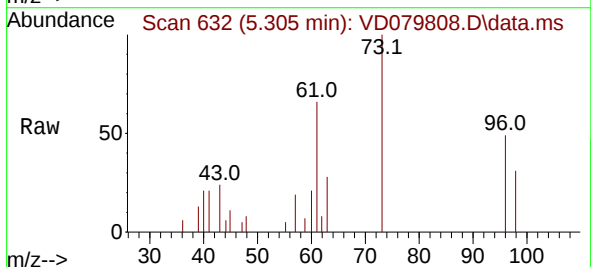
Instrument :
MSVOA_D
ClientSampleId :

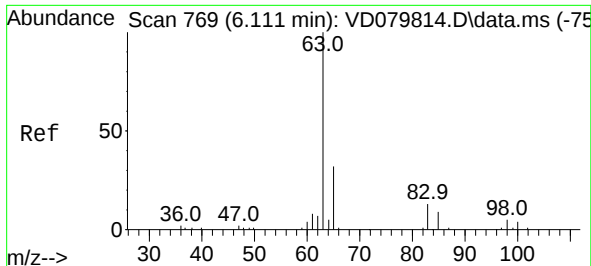
Tgt Ion: 96 Resp: 4559
Ion Ratio Lower Upper
96 100
61 118.9 88.7 164.7
98 61.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 0.900 ug/L
RT: 5.305 min Scan# 632
Delta R.T. -0.012 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Tgt Ion: 73 Resp: 5165
Ion Ratio Lower Upper
73 100
43 20.8 14.5 21.7
57 12.0 18.8 28.2#

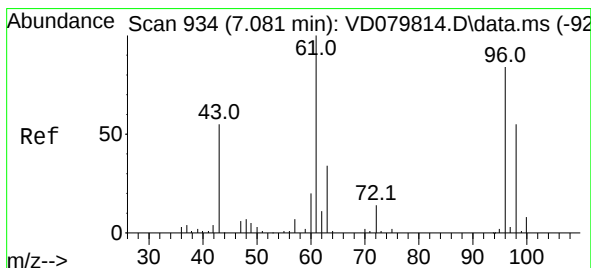
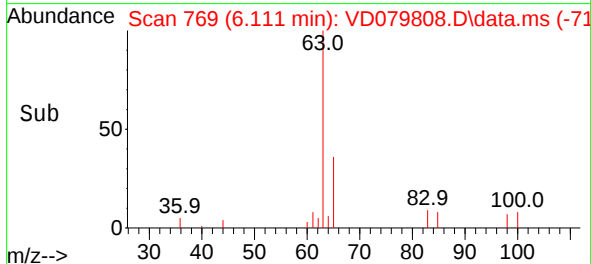
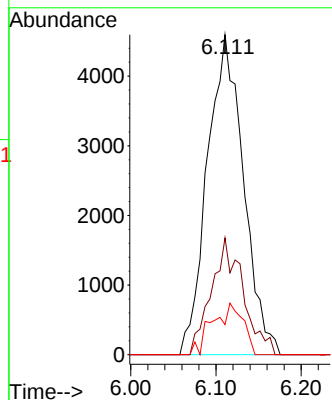
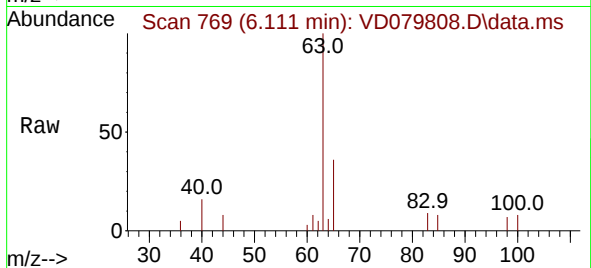




#19
1,1-Dichloroethane
Concen: 2.674 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

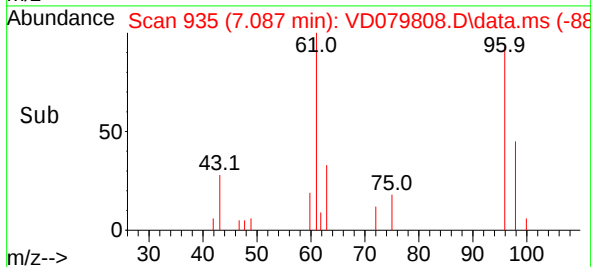
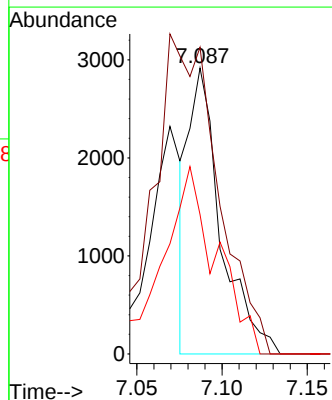
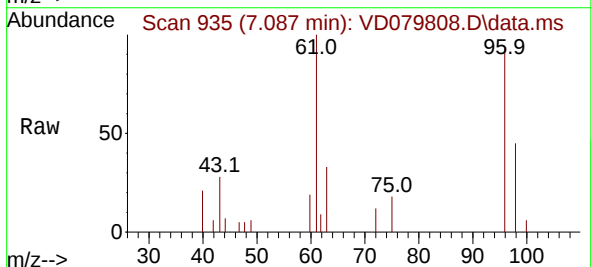
Instrument :
MSVOA_D
ClientSampleId :

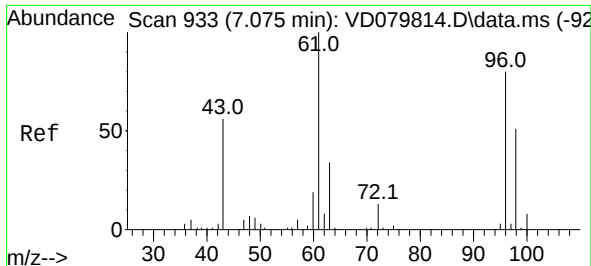
Tgt Ion:	63	Resp:	13544
Ion	Ratio	Lower	Upper
63	100		
65	36.5	22.6	42.0
83	9.4	9.0	16.8



#20
cis-1,2-Dichloroethene
Concen: 1.369 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Tgt Ion:	96	Resp:	3845
Ion	Ratio	Lower	Upper
96	100		
61	107.3	83.8	155.6
98	48.8	45.9	85.3

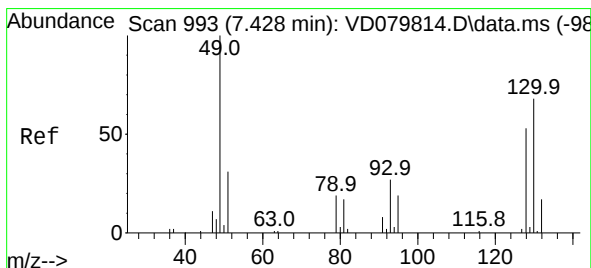
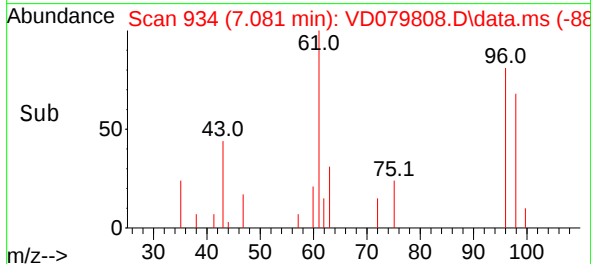
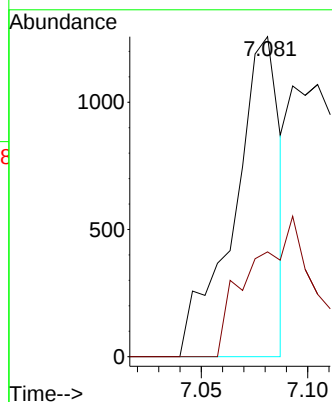
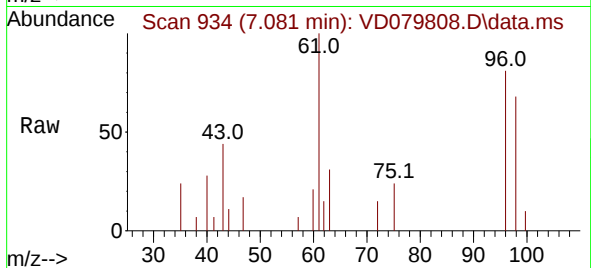




#22
2-Butanone
Concen: 2.074 ug/L
RT: 7.081 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

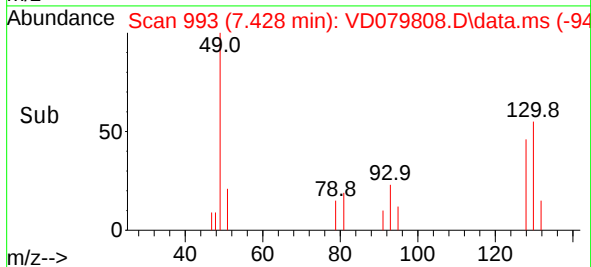
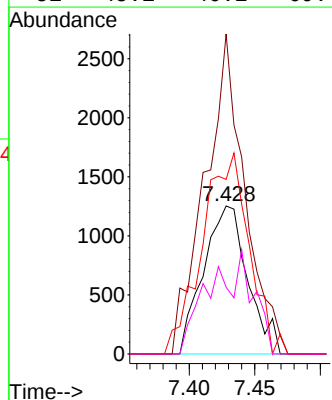
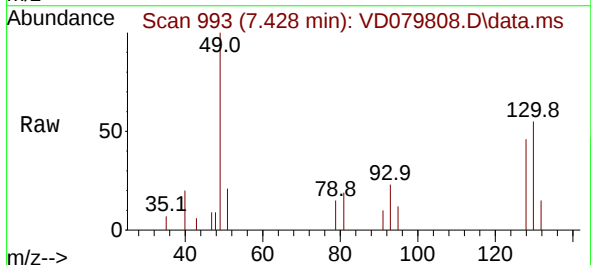
Instrument :
MSVOA_D
ClientSampleId :

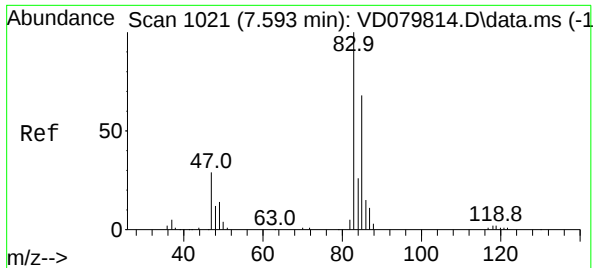
Tgt Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
72 32.5 13.1 39.3



#23
Bromochloromethane
Concen: 2.469 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Tgt Ion:128 Resp: 2943
Ion Ratio Lower Upper
128 100
49 216.3 132.3 245.7
130 118.0 89.4 166.0
51 45.1 46.2 69.4#

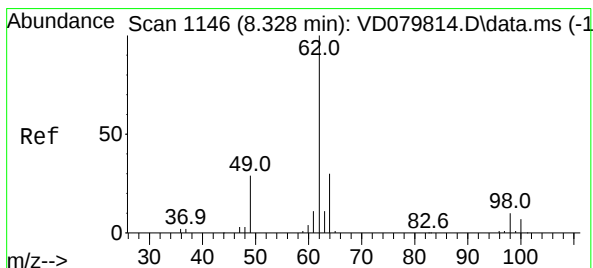
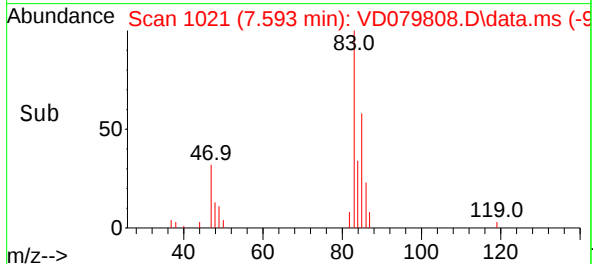
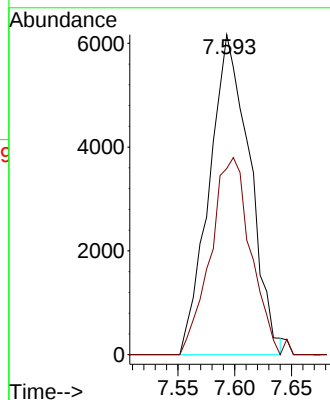
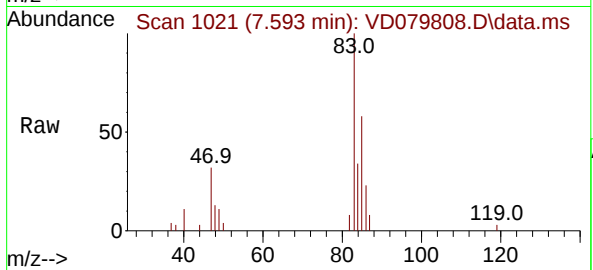




#25
Chloroform
Concen: 2.891 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

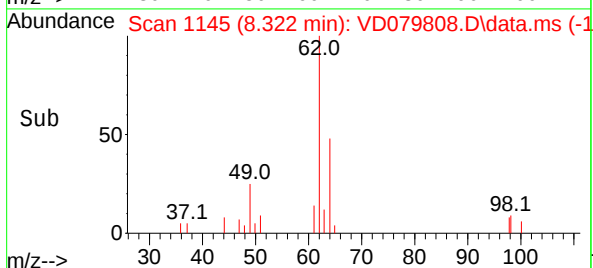
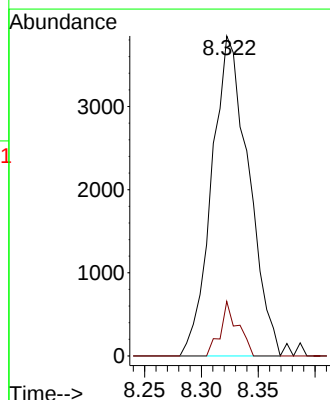
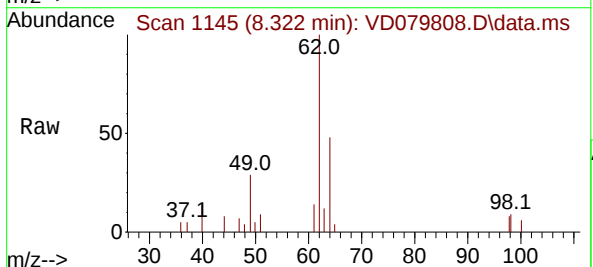
Instrument :
MSVOA_D
ClientSampleId :

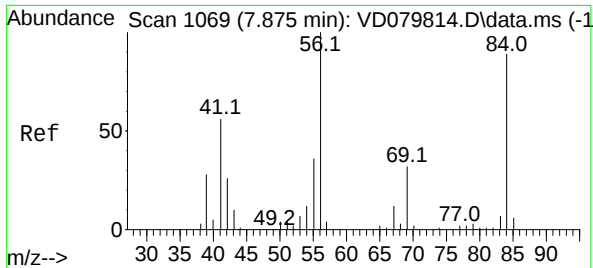
Tgt Ion: 83 Resp: 15247
Ion Ratio Lower Upper
83 100
85 58.2 47.3 87.9



#27
1,2-Dichloroethane
Concen: 2.694 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Tgt Ion: 62 Resp: 8684
Ion Ratio Lower Upper
62 100
98 17.1 7.5 11.3#





#29

Cyclohexane

Concen: 1.489 ug/L

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Instrument :

MSVOA_D

ClientSampleId :

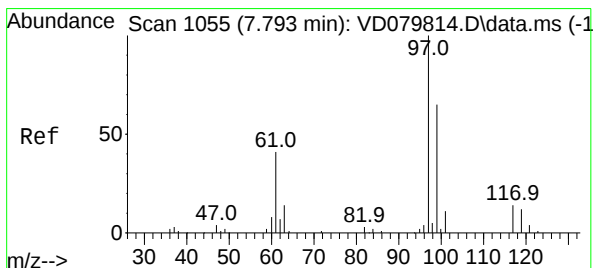
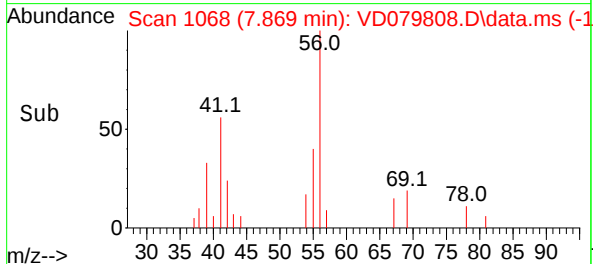
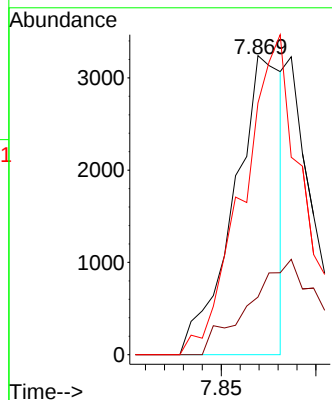
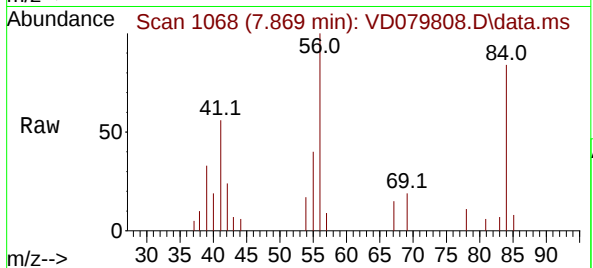
Tgt Ion: 56 Resp: 5675

Ion Ratio Lower Upper

56 100

69 38.5 22.8 34.2#

84 136.2 69.1 103.7#



#30

1,1,1-Trichloroethane

Concen: 2.787 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

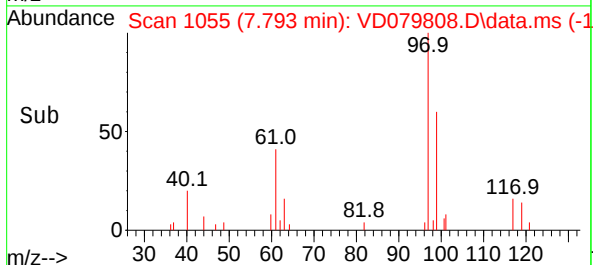
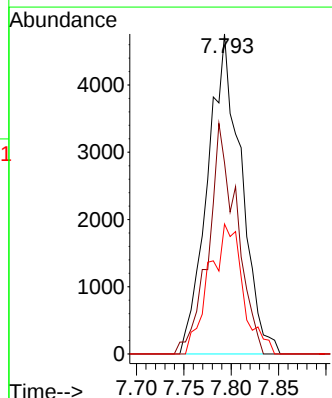
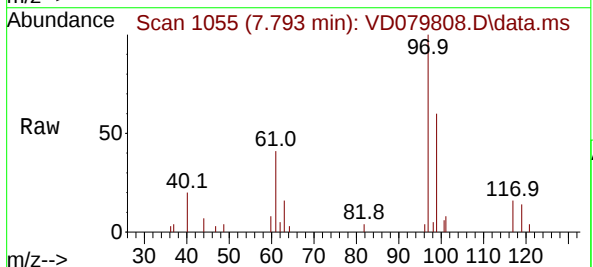
Tgt Ion: 97 Resp: 11706

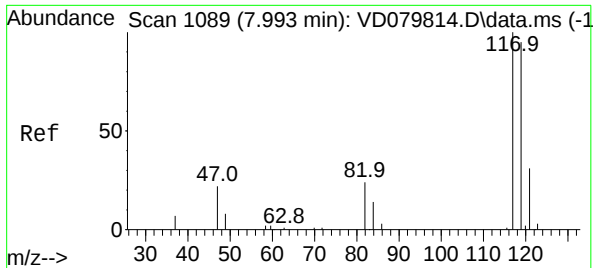
Ion Ratio Lower Upper

97 100

99 61.0 51.9 77.9

61 17.8 35.4 53.2#





#31

Carbon tetrachloride

Concen: 2.648 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Instrument :

MSVOA_D

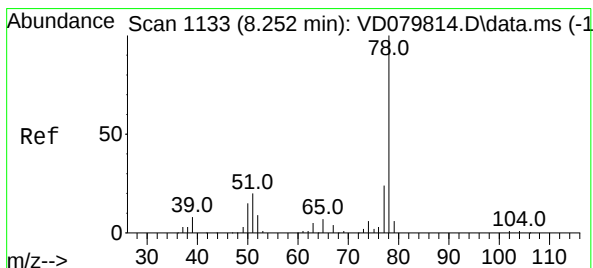
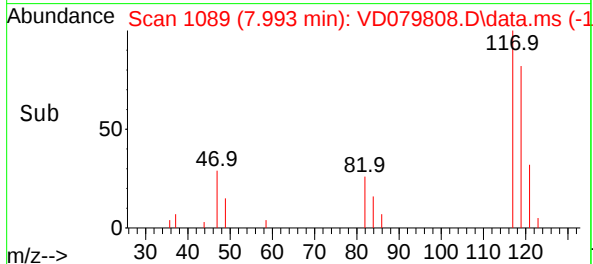
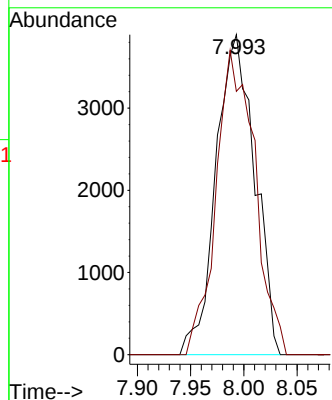
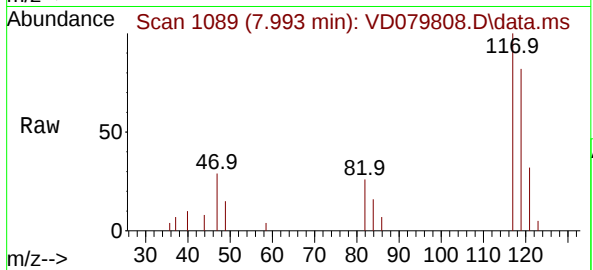
ClientSampleId :

Tgt Ion:117 Resp: 9852

Ion Ratio Lower Upper

117 100

119 94.9 76.0 114.0



#33

Benzene

Concen: 2.496 ug/L

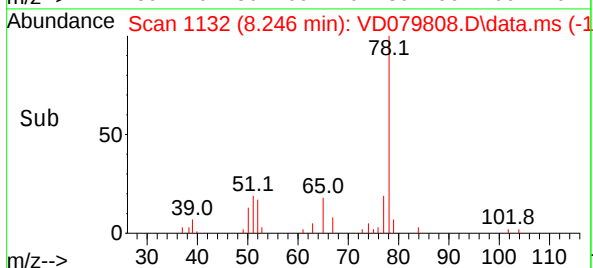
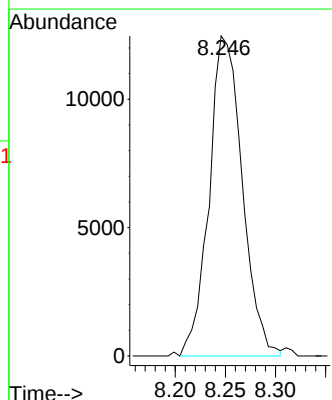
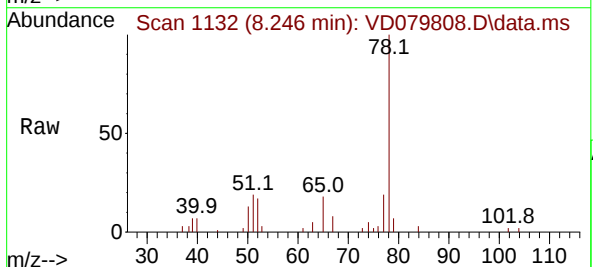
RT: 8.246 min Scan# 1132

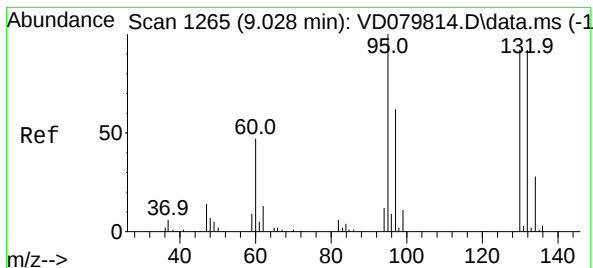
Delta R.T. -0.006 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Tgt Ion: 78 Resp: 28634





#34

Trichloroethene

Concen: 1.515 ug/L

RT: 9.022 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 4025

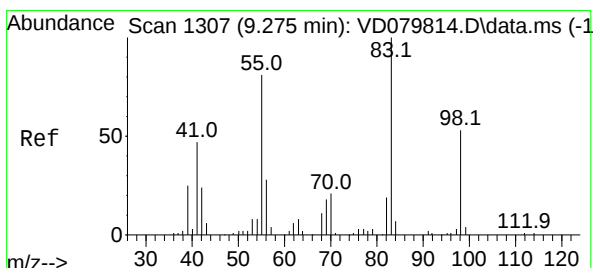
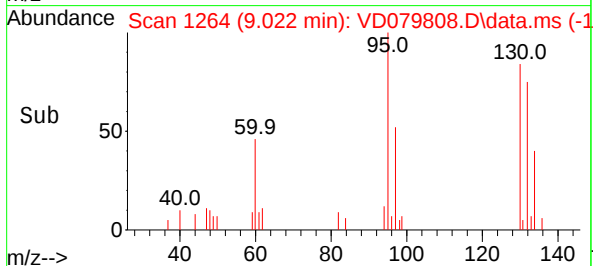
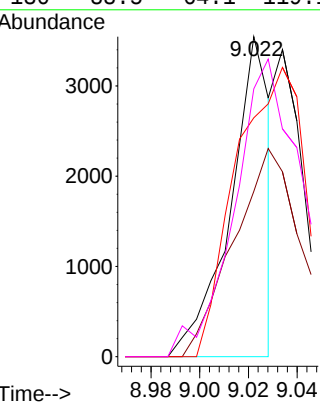
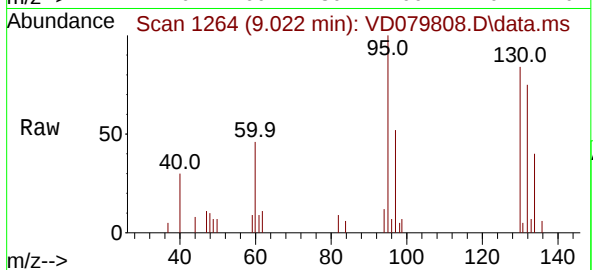
Ion Ratio Lower Upper

95 100

97 51.6 43.5 80.7

132 74.7 64.5 119.7

130 88.5 64.1 119.1



#35

Methylcyclohexane

Concen: 2.440 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

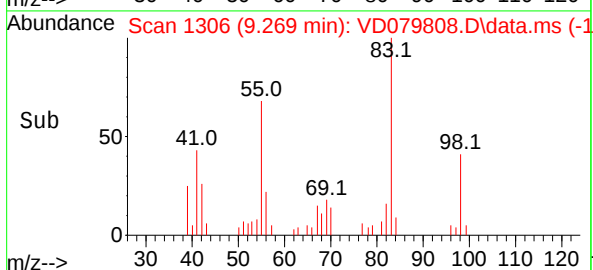
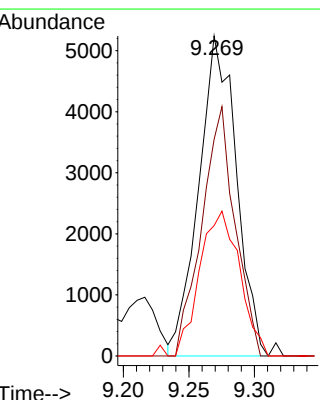
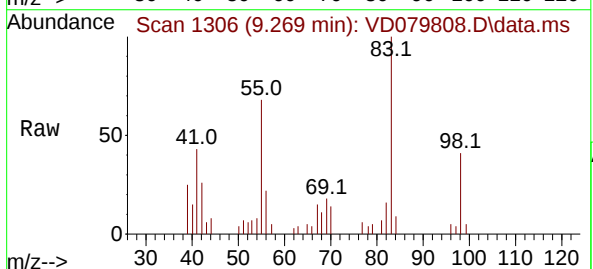
Tgt Ion: 83 Resp: 10439

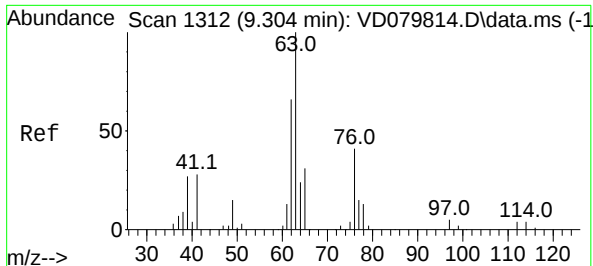
Ion Ratio Lower Upper

83 100

55 69.1 58.9 88.3

98 48.1 38.6 58.0

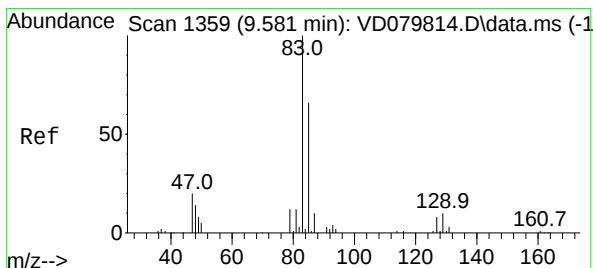
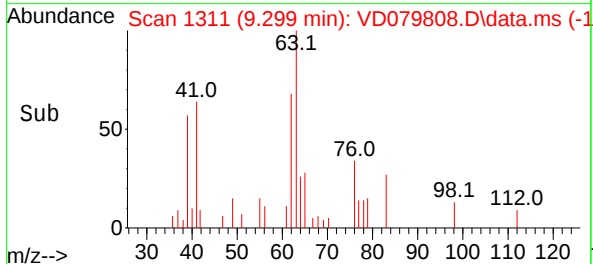
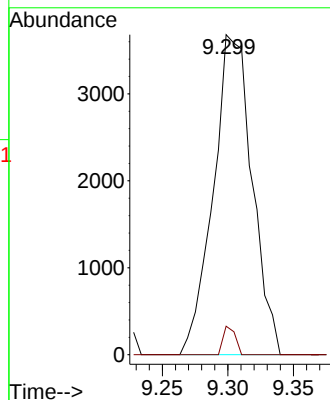
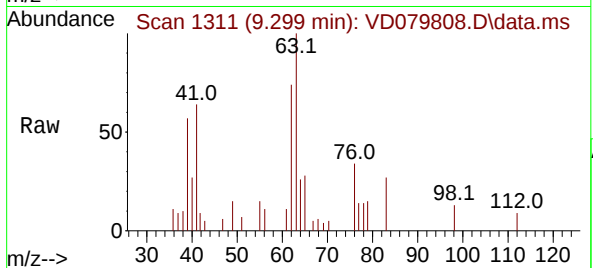




#37
1,2-Dichloropropane
Concen: 2.424 ug/L
RT: 9.299 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

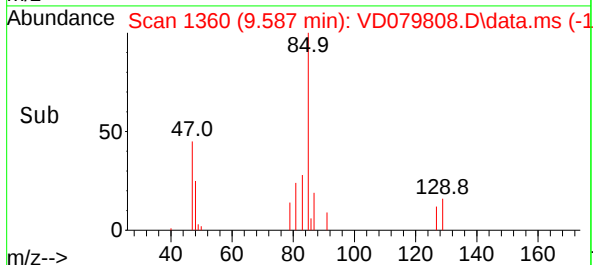
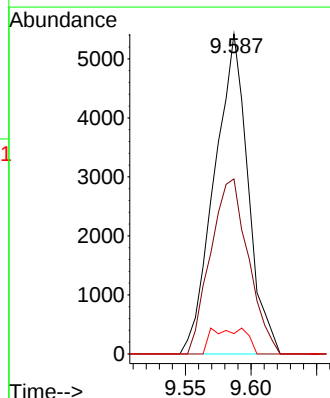
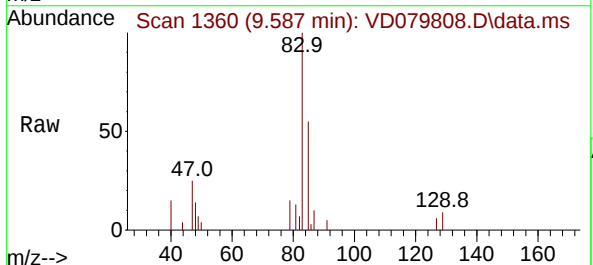
Instrument :
MSVOA_D
ClientSampleId :

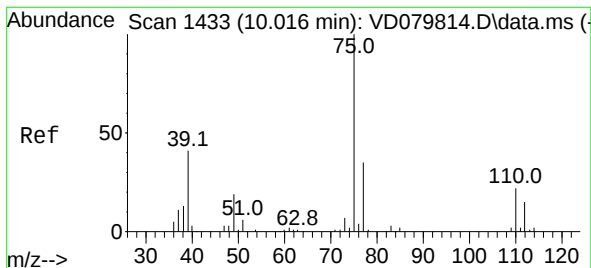
Tgt Ion: 63 Resp: 7584
Ion Ratio Lower Upper
63 100
112 2.8 0.0 0.0#



#38
Bromodichloromethane
Concen: 2.650 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Tgt Ion: 83 Resp: 9663
Ion Ratio Lower Upper
83 100
85 54.7 45.9 85.3
127 6.3 6.7 10.1#

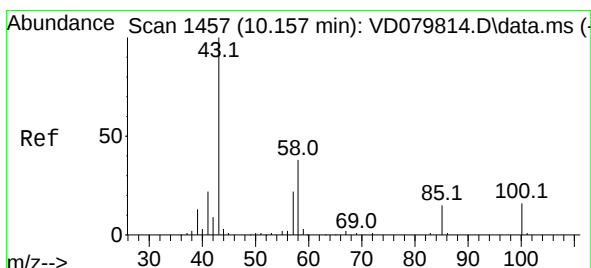
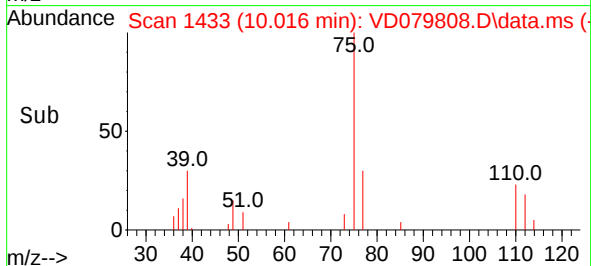
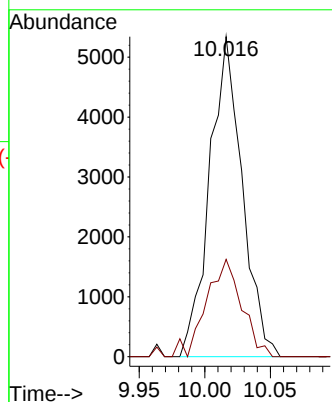
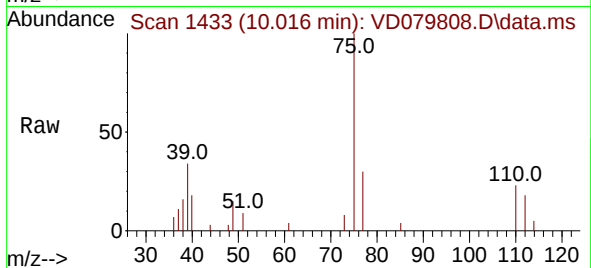




#39
cis-1,3-Dichloropropene
Concen: 2.104 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

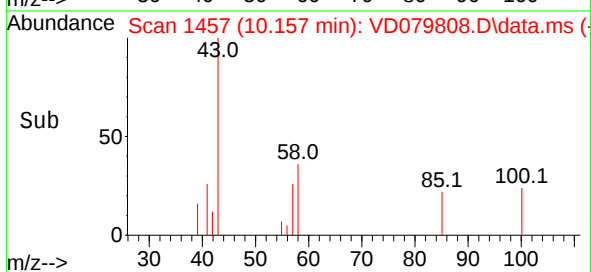
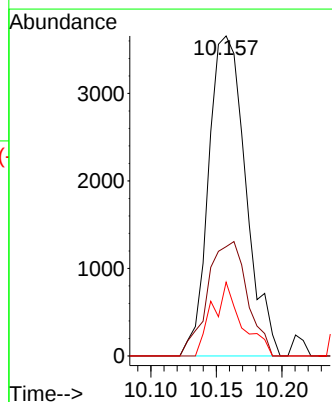
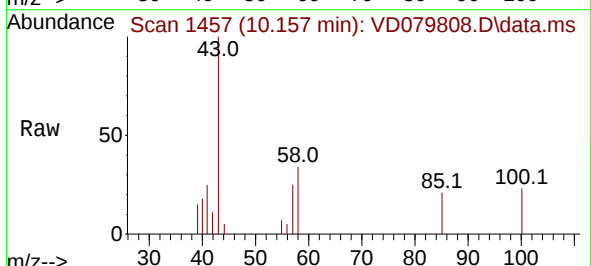
Instrument :
MSVOA_D
ClientSampleId :

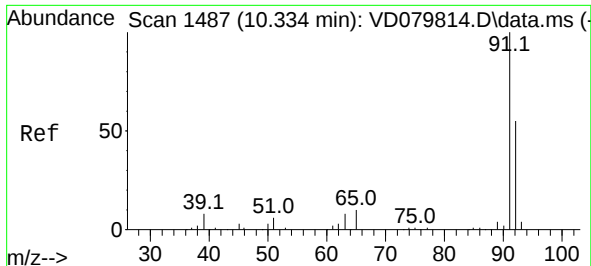
Tgt Ion: 75 Resp: 9245
Ion Ratio Lower Upper
75 100
77 30.4 24.1 44.8



#40
4-Methyl-2-pentanone
Concen: 4.407 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Tgt Ion: 43 Resp: 7218
Ion Ratio Lower Upper
43 100
58 38.2 31.1 46.7
100 18.3 11.8 17.6#





#42

Toluene

Concen: 2.309 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Instrument :

MSVOA_D

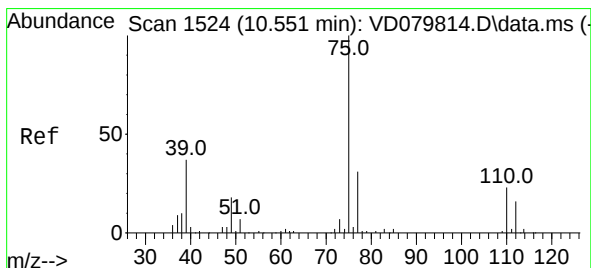
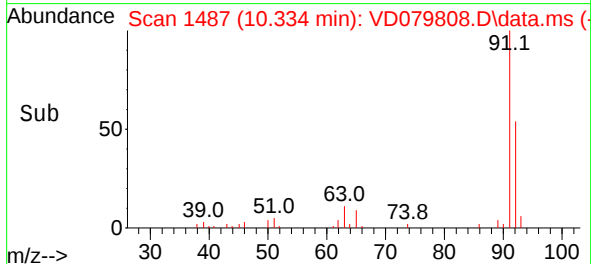
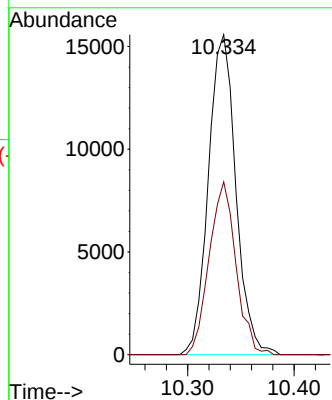
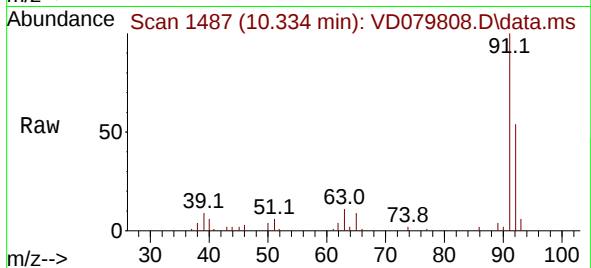
ClientSampleId :

Tgt Ion: 91 Resp: 27902

Ion Ratio Lower Upper

91 100

92 54.0 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 2.189 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079808.D

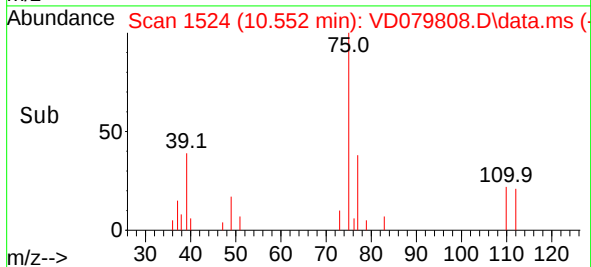
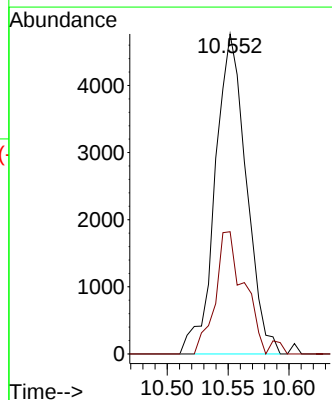
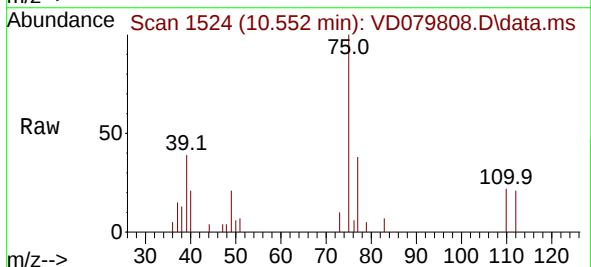
Acq: 10 Sep 2024 10:09

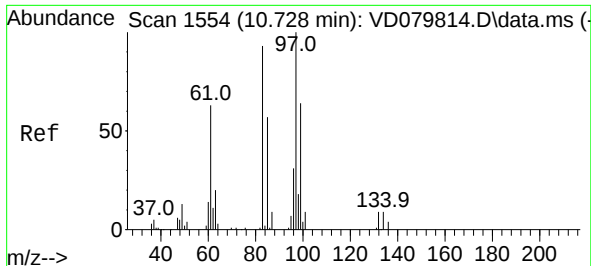
Tgt Ion: 75 Resp: 8475

Ion Ratio Lower Upper

75 100

77 38.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 2.454 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 5245

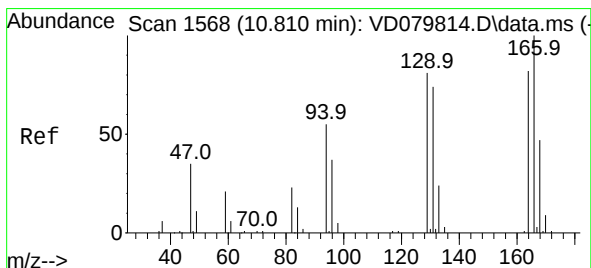
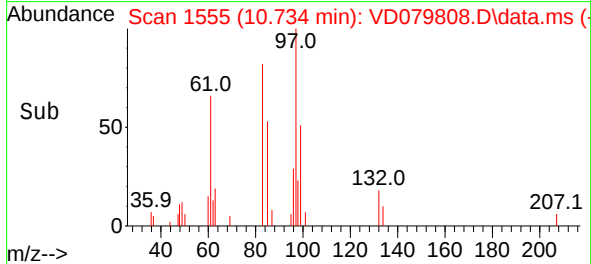
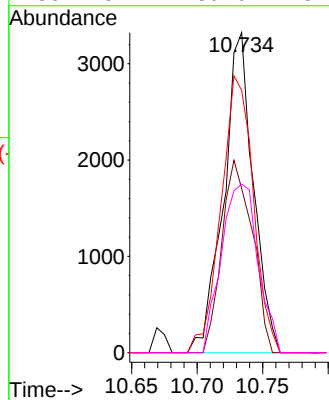
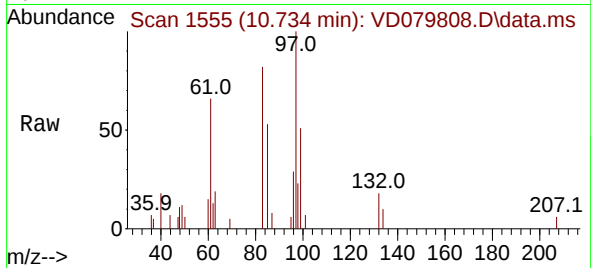
Ion Ratio Lower Upper

97 100

99 51.3 45.1 83.7

83 82.0 65.2 121.0

85 52.7 39.6 73.6



#46

Tetrachloroethene

Concen: 2.390 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Tgt Ion:164 Resp: 4302

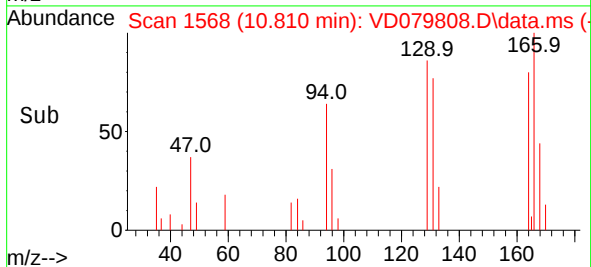
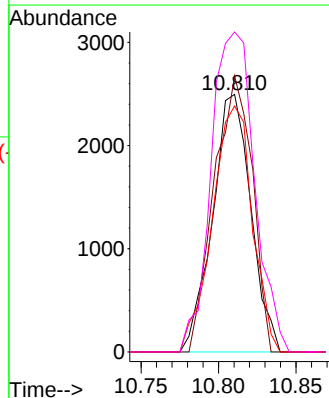
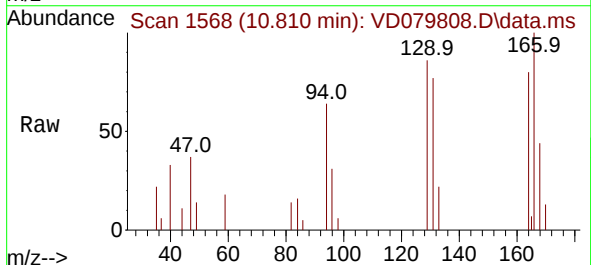
Ion Ratio Lower Upper

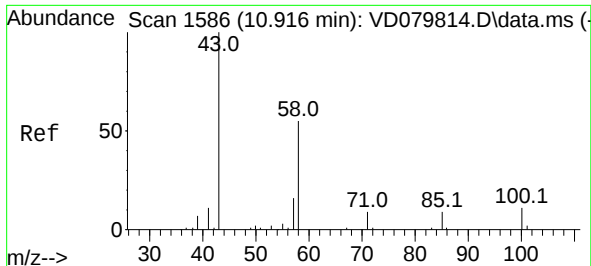
164 100

129 107.2 68.7 127.5

131 95.5 62.5 116.1

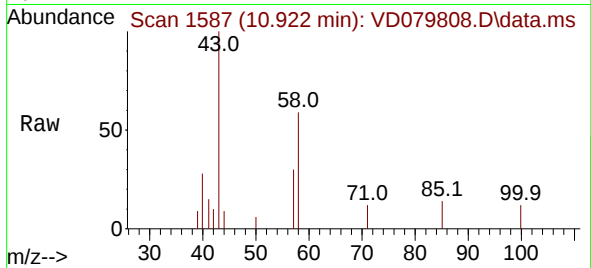
166 124.2 85.0 157.8



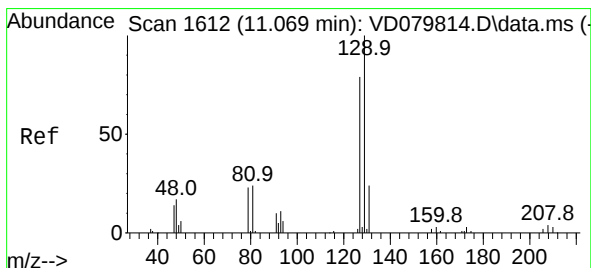
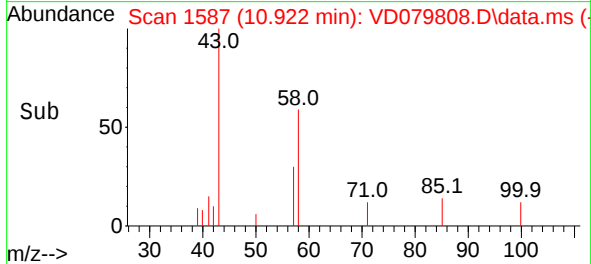
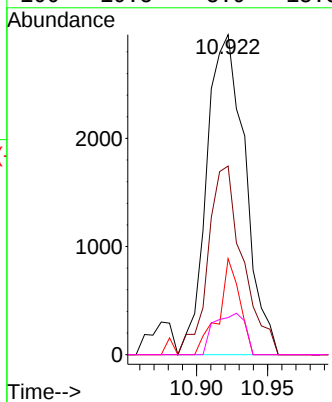


#48
2-Hexanone
Concen: 4.165 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Instrument :
MSVOA_D
ClientSampleId :

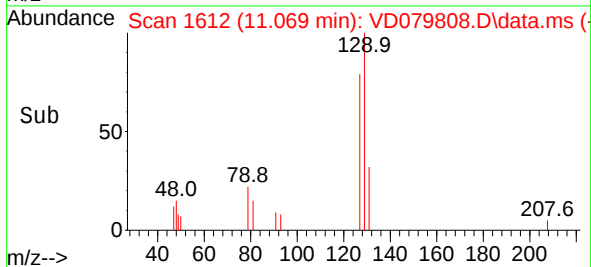
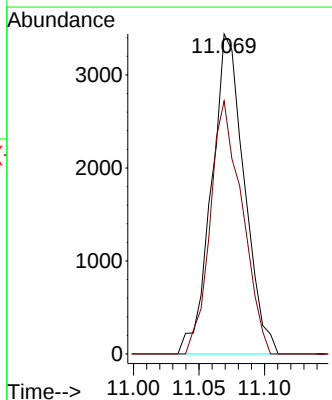
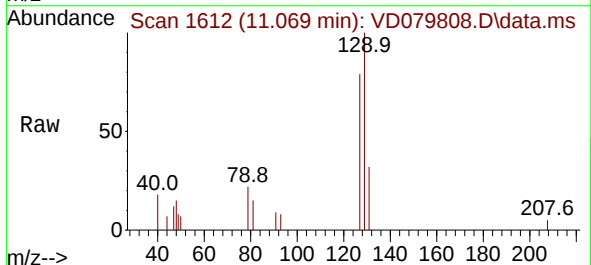


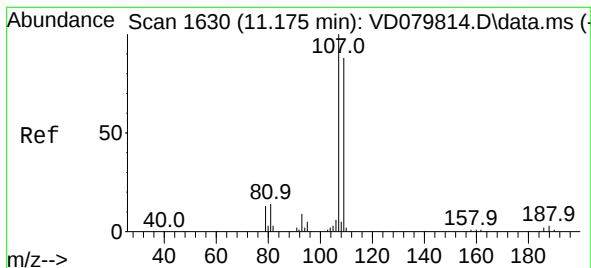
Tgt Ion: 43 Resp: 5549
Ion Ratio Lower Upper
43 100
58 53.1 44.7 67.1
57 11.7 13.6 20.4#
100 10.5 8.9 13.3



#49
Dibromochloromethane
Concen: 2.555 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Tgt Ion: 129 Resp: 5961
Ion Ratio Lower Upper
129 100
127 79.1 55.2 102.6





#50

1,2-Dibromoethane

Concen: 2.491 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079808.D

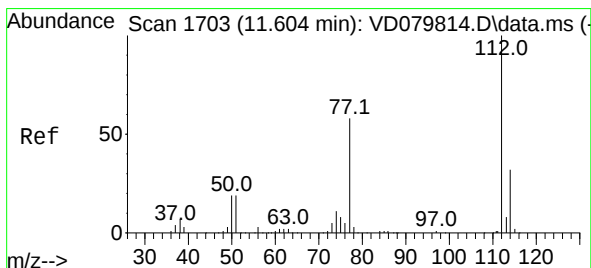
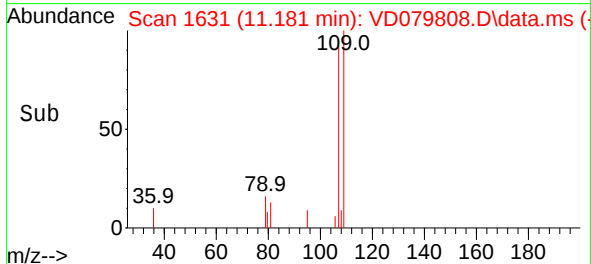
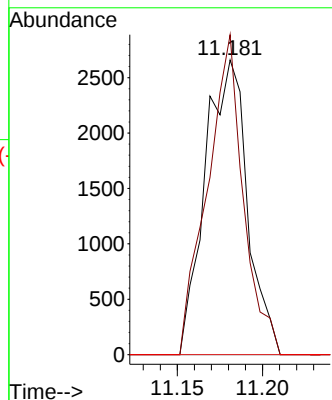
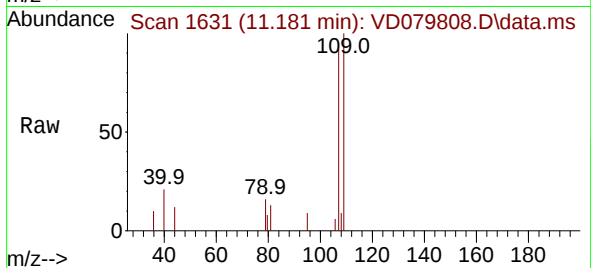
Acq: 10 Sep 2024 10:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	4599
Ion Ratio	Lower	Upper
107	100	
109	108.6	61.5 114.1
188	0.0	2.3 3.5#



#51

Chlorobenzene

Concen: 2.516 ug/L

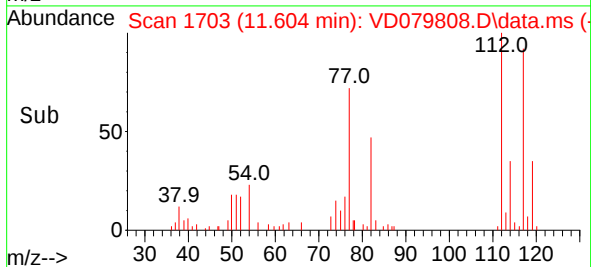
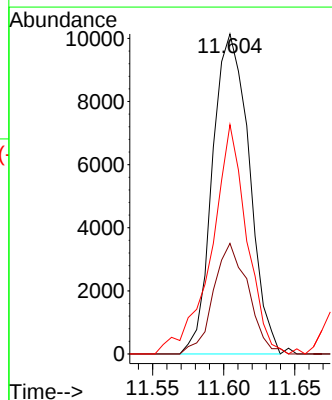
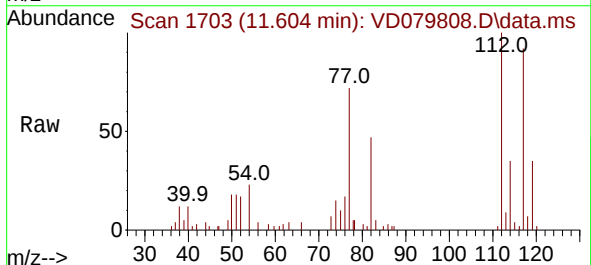
RT: 11.604 min Scan# 1703

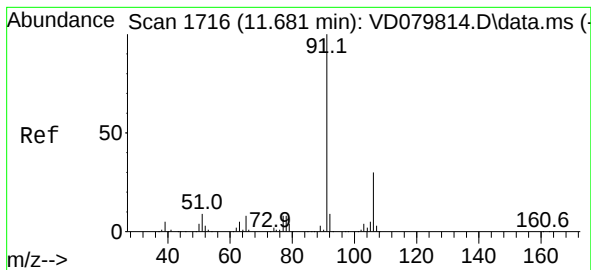
Delta R.T. 0.000 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Tgt Ion:112	Resp:	18248
Ion Ratio	Lower	Upper
112	100	
114	34.5	22.0 41.0
77	71.6	46.7 70.1#





#52

Ethylbenzene

Concen: 2.305 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Instrument :

MSVOA_D

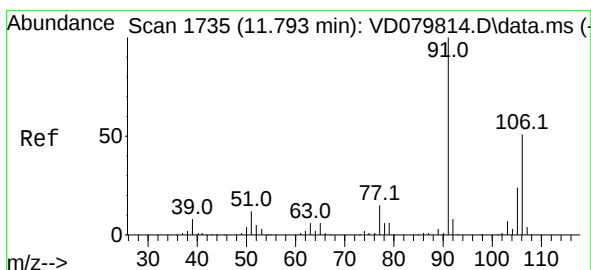
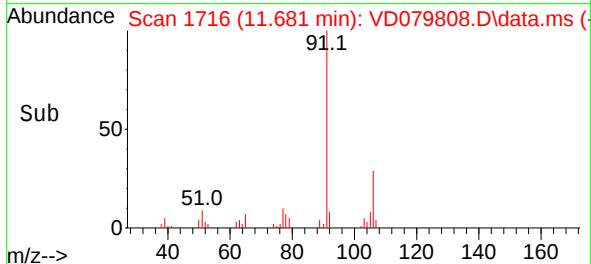
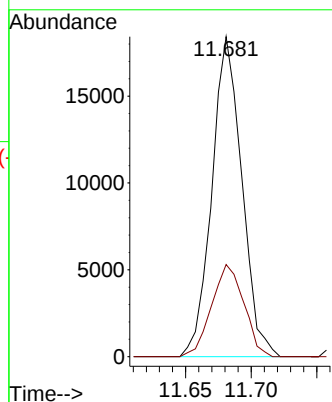
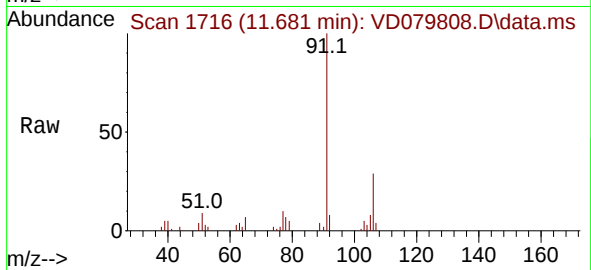
ClientSampleId :

Tgt Ion: 91 Resp: 29265

Ion Ratio Lower Upper

91 100

106 28.8 21.3 39.5



#53

m,p-Xylene

Concen: 2.281 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079808.D

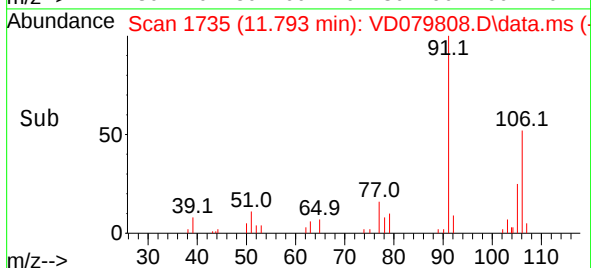
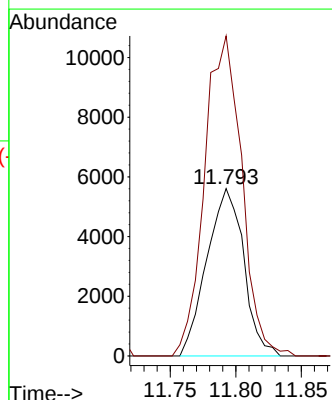
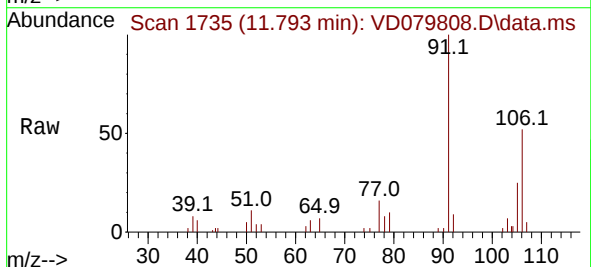
Acq: 10 Sep 2024 10:09

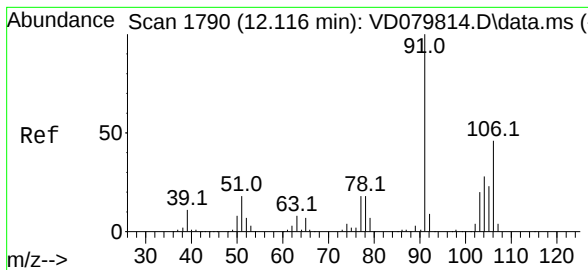
Tgt Ion:106 Resp: 10970

Ion Ratio Lower Upper

106 100

91 191.2 138.3 256.9

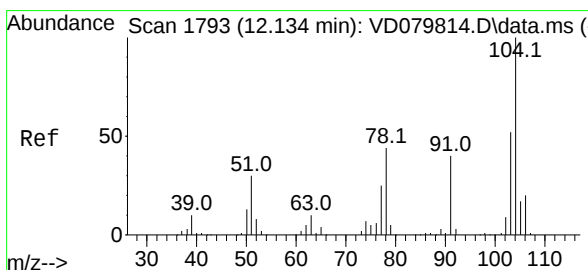
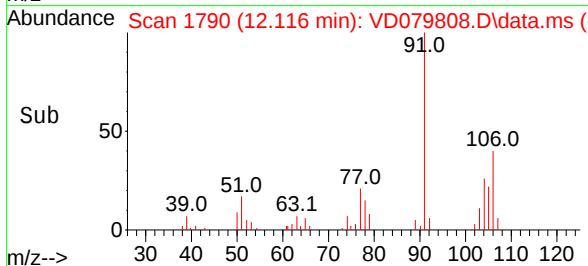
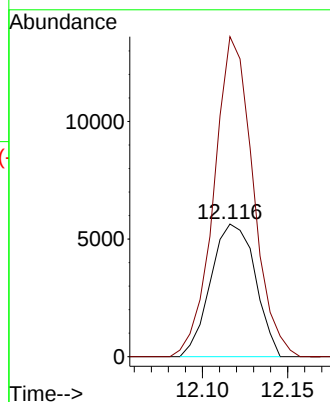
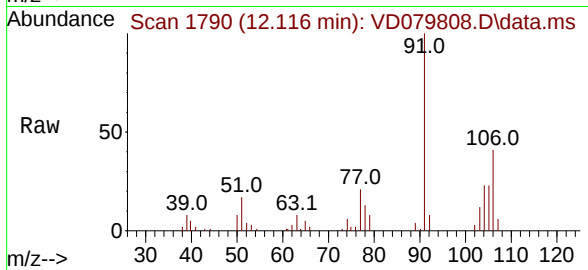




#54
o-Xylene
Concen: 2.171 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

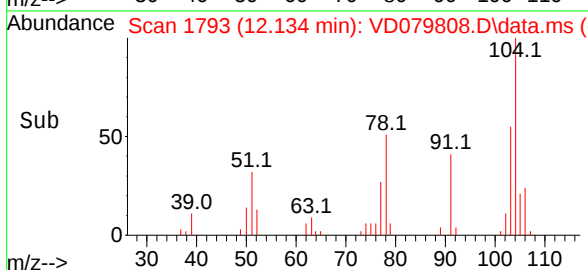
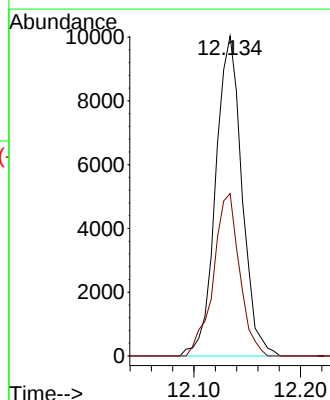
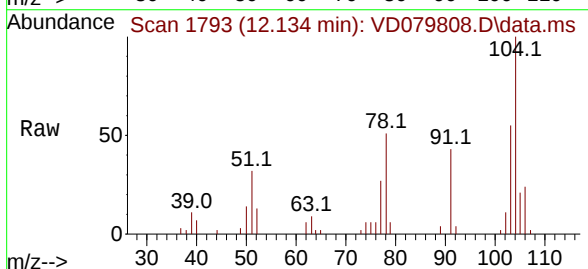
Instrument :
MSVOA_D
ClientSampleId :

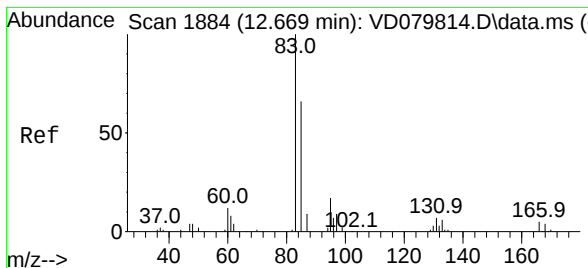
Tgt Ion:106 Resp: 10234
Ion Ratio Lower Upper
106 100
91 241.3 152.6 283.4



#55
Styrene
Concen: 2.079 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

Tgt Ion:104 Resp: 17227
Ion Ratio Lower Upper
104 100
78 50.8 30.7 57.1

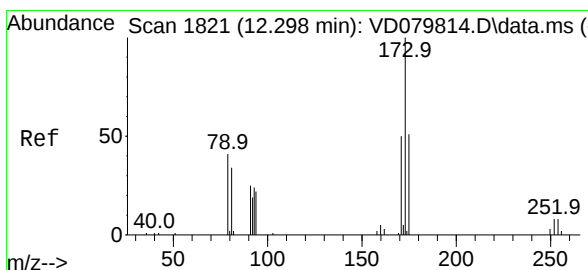
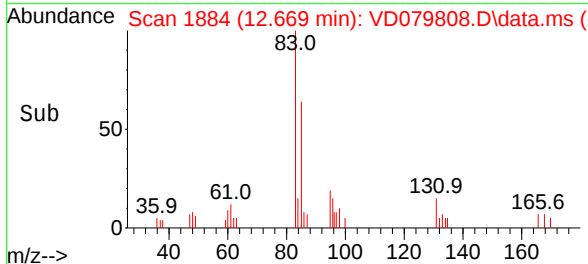
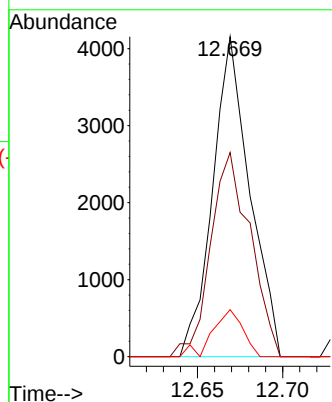
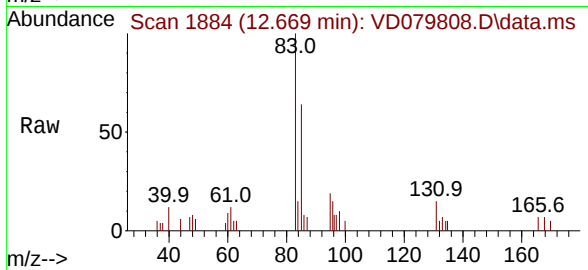




#57
1,1,2,2-Tetrachloroethane
Concen: 2.510 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

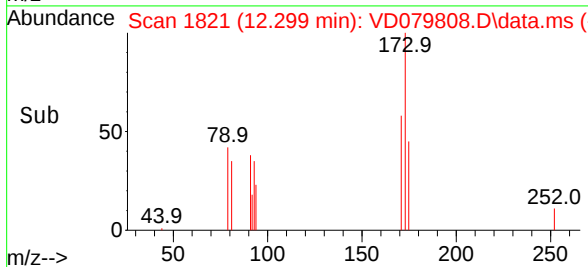
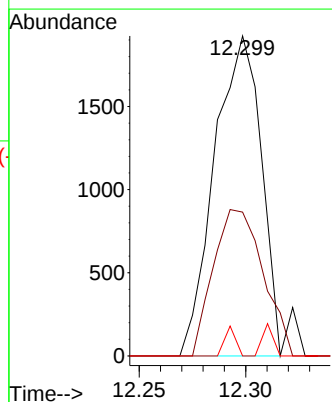
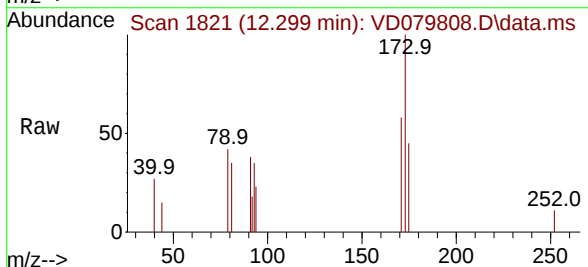
Instrument :
MSVOA_D
ClientSampleId :

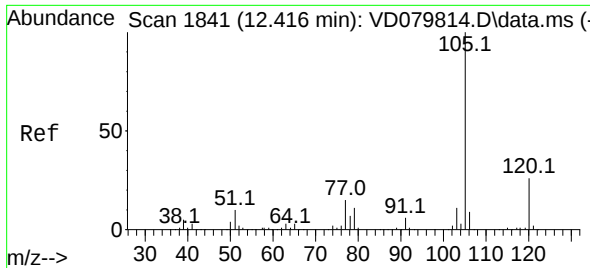
Tgt Ion: 83 Resp: 6289
Ion Ratio Lower Upper
83 100
85 63.8 46.8 87.0
131 14.7 6.5 9.7#



#59
Bromoform
Concen: 2.618 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

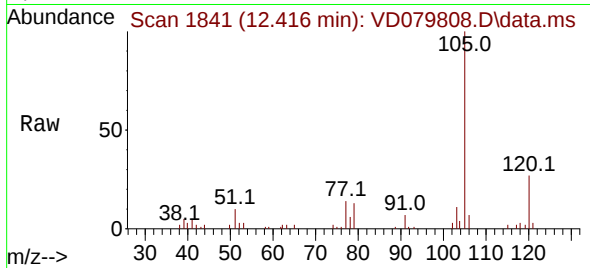
Tgt Ion:173 Resp: 2932
Ion Ratio Lower Upper
173 100
175 48.9 39.2 58.8
254 0.0 5.5 8.3#



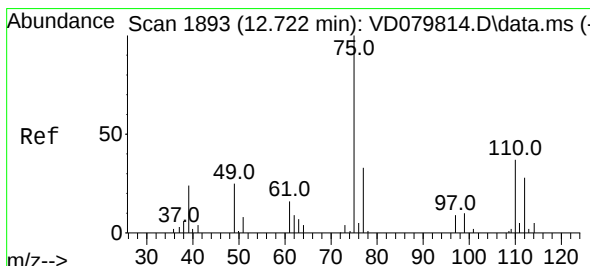
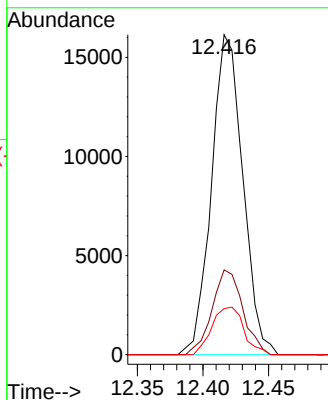
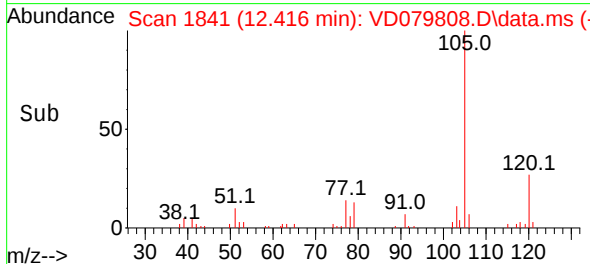


#60
Isopropylbenzene
Concen: 2.392 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

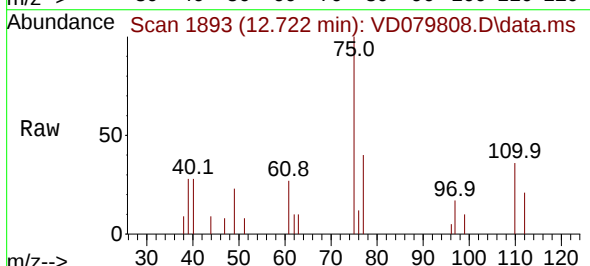
Instrument :
MSVOA_D
ClientSampleId :



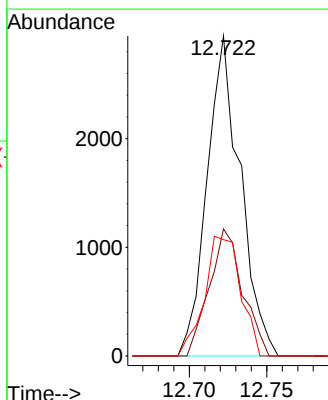
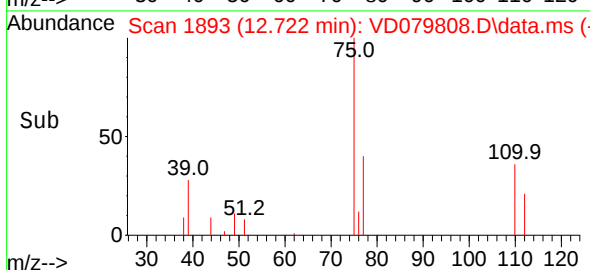
Tgt Ion:105 Resp: 26794
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.2 12.6 19.0

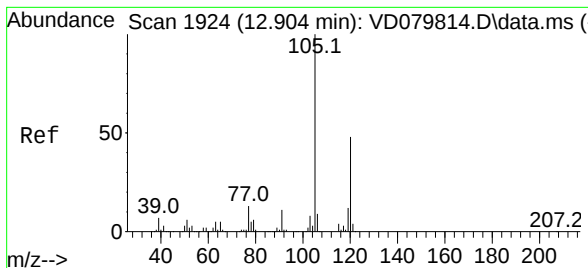


#61
1,2,3-Trichloropropane
Concen: 2.753 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09



Tgt Ion: 75 Resp: 4391
Ion Ratio Lower Upper
75 100
77 39.9 25.1 37.7#
110 40.6 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 2.028 ug/L

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Instrument :

MSVOA_D

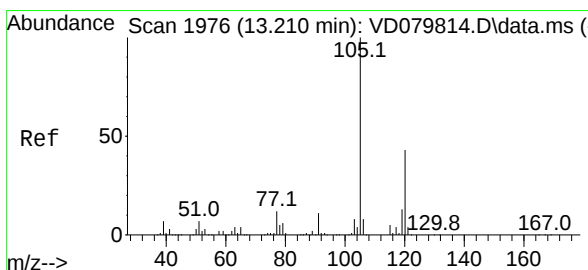
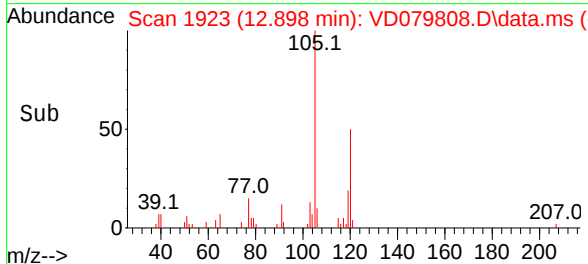
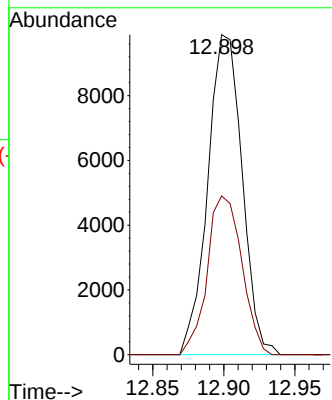
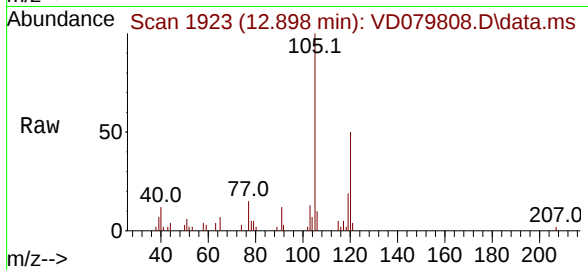
ClientSampleId :

Tgt Ion:105 Resp: 16619

Ion Ratio Lower Upper

105 100

120 50.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 2.152 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079808.D

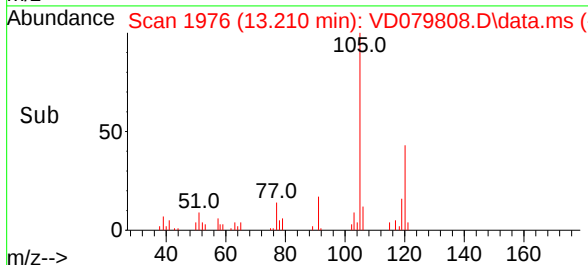
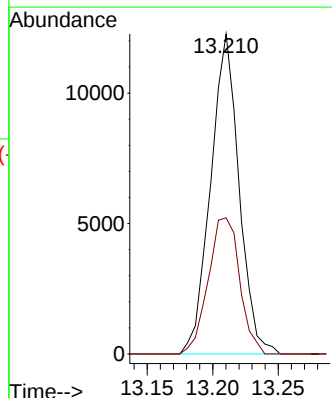
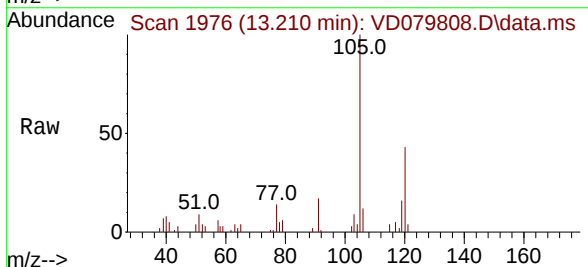
Acq: 10 Sep 2024 10:09

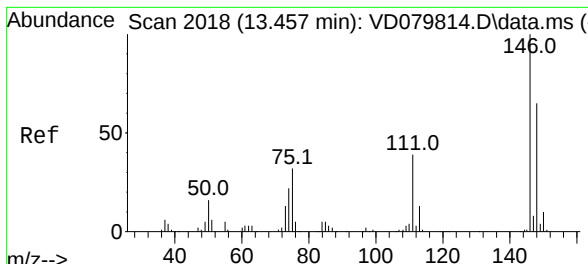
Tgt Ion:105 Resp: 18492

Ion Ratio Lower Upper

105 100

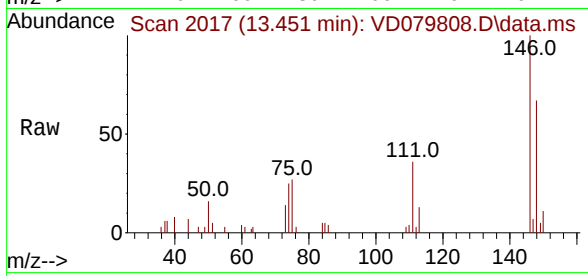
120 47.0 36.3 54.5



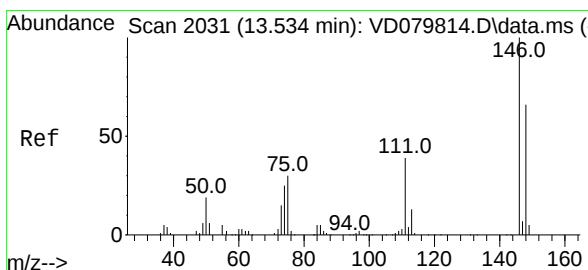
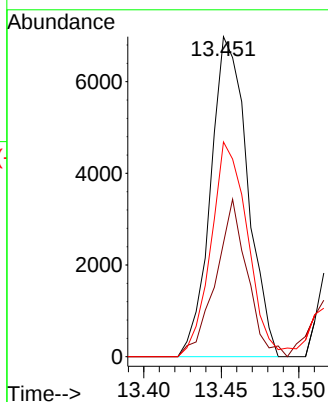
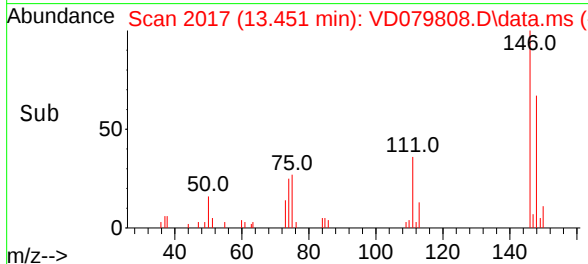


#64
1,3-Dichlorobenzene
Concen: 2.495 ug/L
RT: 13.451 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09

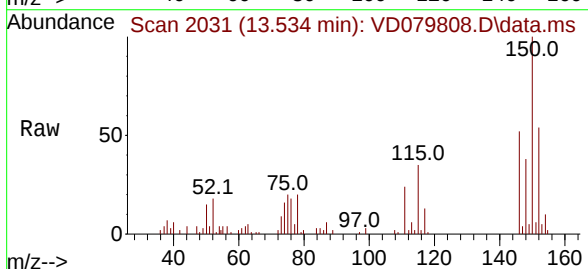
Instrument :
MSVOA_D
ClientSampleId :



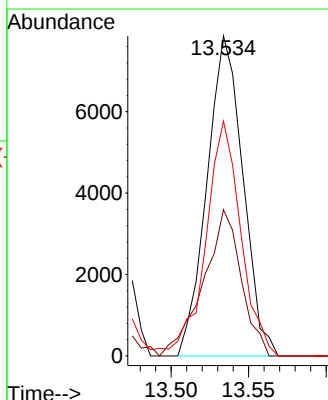
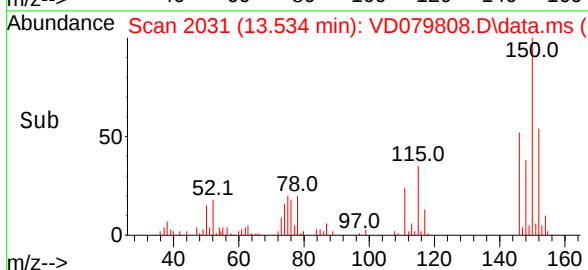
Tgt Ion:	146	Resp:	11551
Ion	Ratio	Lower	Upper
146	100		
111	35.6	27.4	50.8
148	67.1	45.6	84.8

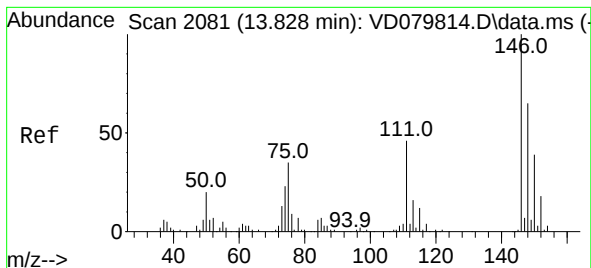


#65
1,4-Dichlorobenzene
Concen: 2.611 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079808.D
Acq: 10 Sep 2024 10:09



Tgt Ion:	146	Resp:	12681
Ion	Ratio	Lower	Upper
146	100		
111	45.7	27.6	51.4
148	73.4	46.1	85.7





#67

1,2-Dichlorobenzene

Concen: 2.466 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

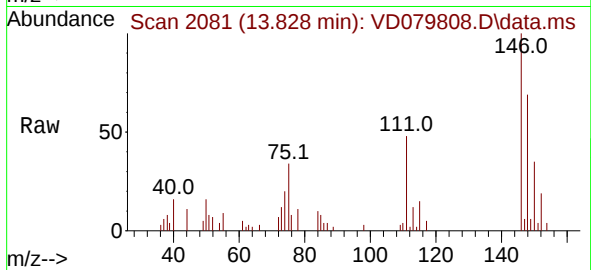
Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Instrument :

MSVOA_D

ClientSampleId :



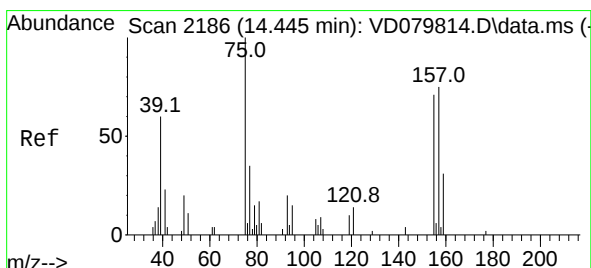
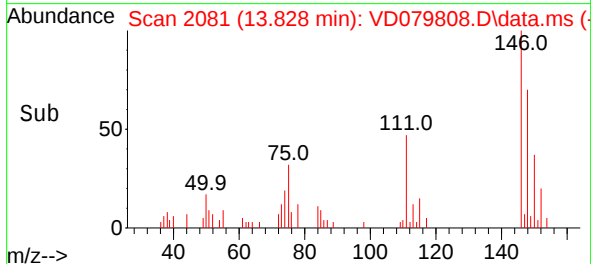
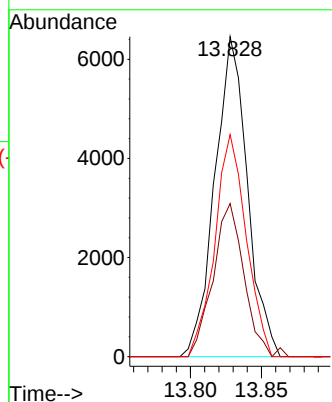
Tgt Ion:146 Resp: 10318

Ion Ratio Lower Upper

146 100

111 47.9 36.9 55.3

148 69.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 3.977 ug/L

RT: 14.593 min Scan# 2211

Delta R.T. 0.147 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

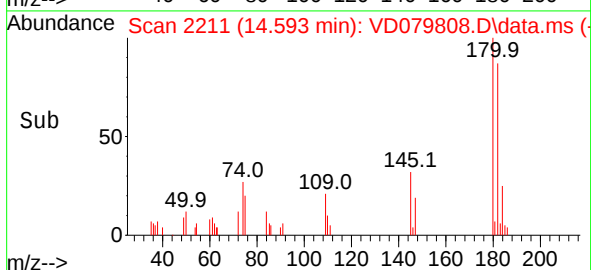
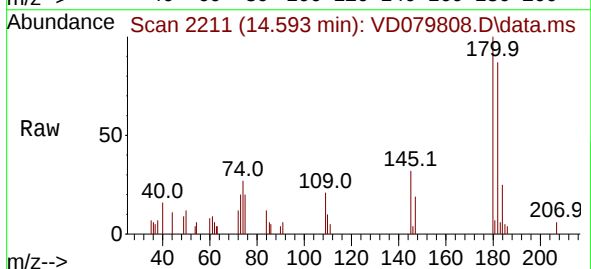
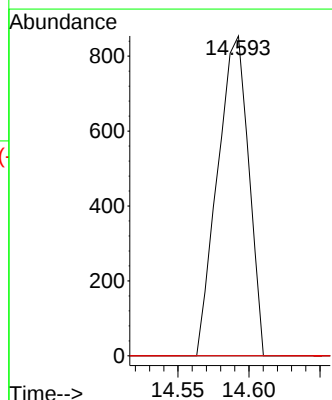
Tgt Ion: 75 Resp: 1298

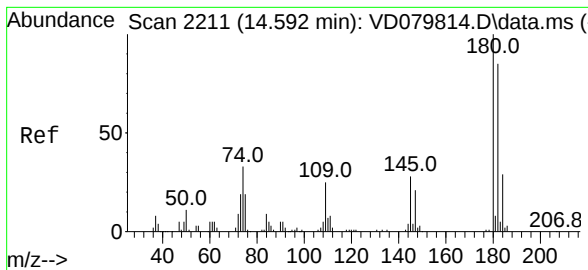
Ion Ratio Lower Upper

75 100

155 0.0 57.2 85.8#

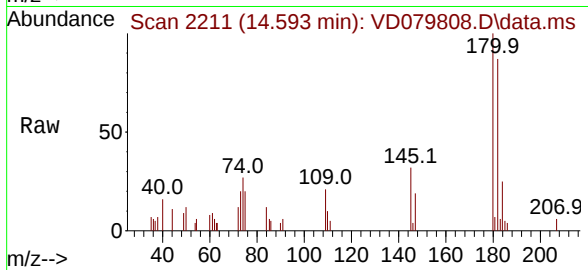
157 0.0 59.7 89.5#



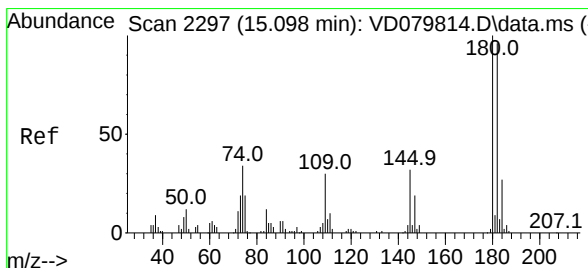
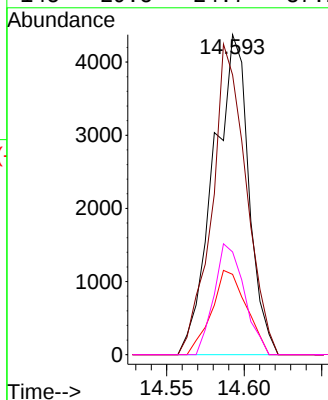
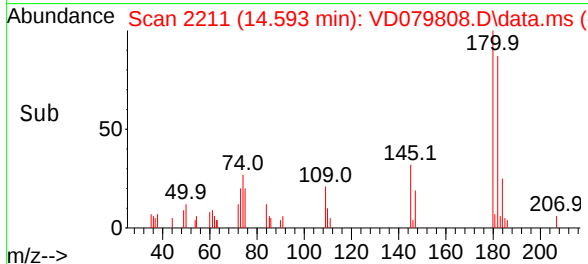


#69
 1,3,5-Trichlorobenzene
 Concen: 2.473 ug/L
 RT: 14.593 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD079808.D
 Acq: 10 Sep 2024 10:09

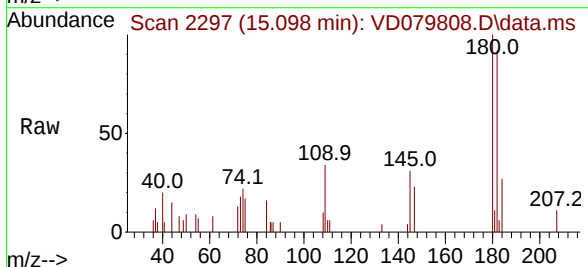
Instrument :
 MSVOA_D
 ClientSampleId :



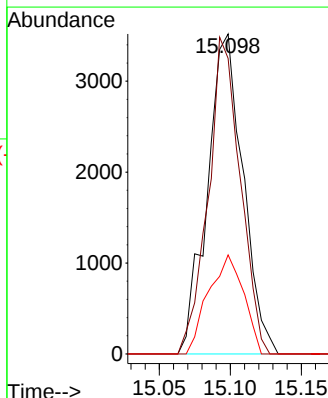
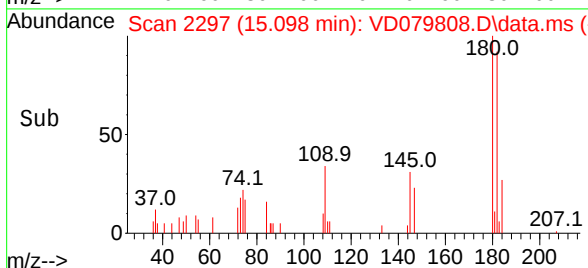
Tgt Ion:180 Resp: 6941
 Ion Ratio Lower Upper
 180 100
 182 93.7 72.6 109.0
 184 25.9 24.2 36.2
 145 29.5 24.7 37.1

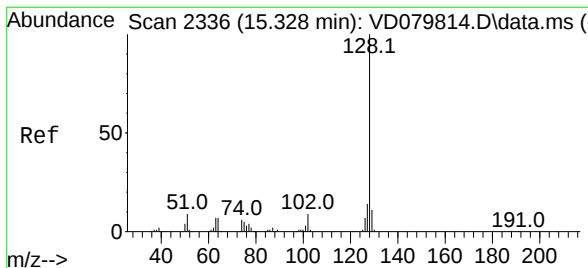


#70
 1,2,4-trichlorobenzene
 Concen: 2.599 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD079808.D
 Acq: 10 Sep 2024 10:09



Tgt Ion:180 Resp: 6143
 Ion Ratio Lower Upper
 180 100
 182 89.1 75.9 113.9
 145 30.5 26.6 40.0





#71

Naphthalene

Concen: 2.365 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079808.D

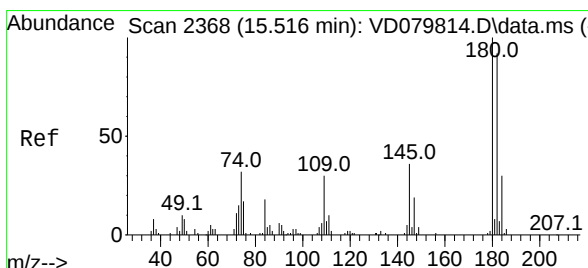
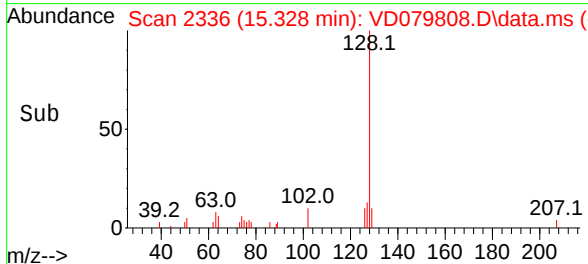
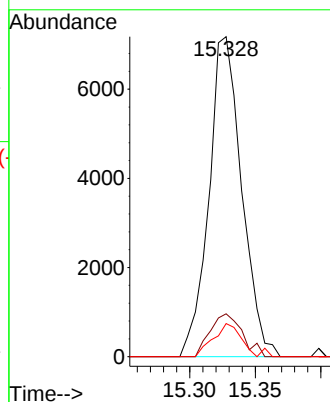
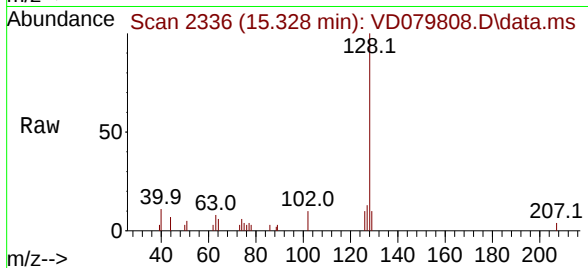
Acq: 10 Sep 2024 10:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	128	Resp:	12486
Ion Ratio	Lower	Upper	
128	100		
127	13.1	11.2	16.8
129	8.6	8.6	13.0



#72

1,2,3-Trichlorobenzene

Concen: 2.304 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079808.D

Acq: 10 Sep 2024 10:09

Tgt Ion:	180	Resp:	4872
Ion Ratio	Lower	Upper	
180	100		
182	95.7	74.1	111.1
145	35.1	26.4	39.6

