

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091324\
 Data File : VD079832.D
 Acq On : 13 Sep 2024 12:07
 Operator : RP/MD
 Sample : P3390-02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 23:50:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 23:49:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	161898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	157763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	64796	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	149276	21.204	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.800%
7) Chloroethane-d5	2.805	69	124464	22.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
11) 1,1-Dichloroethene-d2	3.922	65	29047	22.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.920%
21) 2-Butanone-d5	6.987	46	27528	42.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.180%
24) Chloroform-d	7.563	84	118576	22.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	8.234	65	67418	24.226	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.920%
32) Benzene-d6	8.204	84	264889	23.782	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.210	67	82547	24.199	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.800%
41) Toluene-d8	10.269	98	241416	24.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.520%
43) trans-1,3-Dichloroprop...	10.522	79	33509	22.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.875	63	24581	44.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.400%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	56384	22.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.960%
66) 1,2-Dichlorobenzene-d4	13.810	152	61911	25.336	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4441	1.439	ug/L	96
3) Chloromethane	2.146	50	7800	1.441	ug/L	88
5) Vinyl chloride	2.281	62	9978	1.505	ug/L #	53
6) Bromomethane	2.693	94	5395	1.616	ug/L	81
8) Chloroethane	2.834	64	6203	1.416	ug/L	100
9) Trichlorofluoromethane	3.181	101	7159	1.501	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	1083	0.410	ug/L #	1
12) 1,1-Dichloroethene	3.934	96	2516	1.024	ug/L #	1
14) Carbon disulfide	4.269	76	11247	1.407	ug/L #	94
15) Methyl Acetate	4.575	43	718	0.565	ug/L #	64
17) trans-1,2-Dichloroethene	5.310	96	3998	1.525	ug/L #	75
18) Methyl tert-butyl Ether	5.316	73	4655	0.789	ug/L #	61
19) 1,1-Dichloroethane	6.110	63	7912	1.520	ug/L #	91
20) cis-1,2-Dichloroethene	7.052	96	607	0.210	ug/L	79
22) 2-Butanone	7.093	43	2000	2.138	ug/L #	74
23) Bromochloromethane	7.422	128	2092	1.708	ug/L #	63
25) Chloroform	7.599	83	18259	3.369	ug/L	90
27) 1,2-Dichloroethane	8.322	62	4819	1.455	ug/L #	92
29) Cyclohexane	7.881	56	3699	0.948	ug/L #	65

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 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 23:49:48 2024
 Response via : Initial Calibration

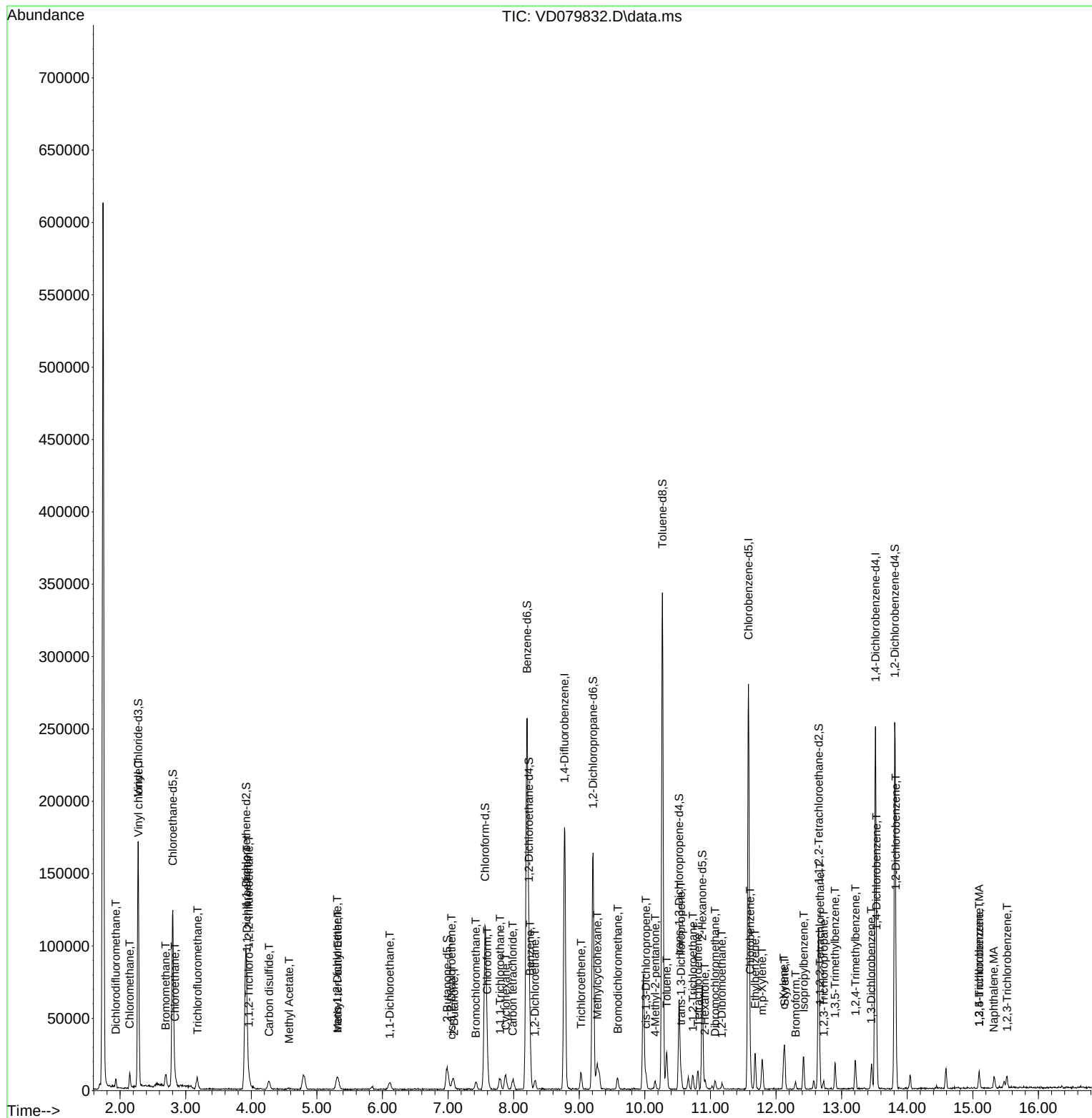
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.793	97	6364	1.480	ug/L #	70
31) Carbon tetrachloride	7.987	117	5381	1.412	ug/L	93
33) Benzene	8.251	78	17769	1.513	ug/L	100
34) Trichloroethene	9.028	95	3834	1.412	ug/L #	70
35) Methylcyclohexane	9.275	83	4571	1.044	ug/L #	77
38) Bromodichloromethane	9.587	83	5567	1.491	ug/L #	77
39) cis-1,3-Dichloropropene	10.016	75	6162	1.370	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	3864	2.304	ug/L #	95
42) Toluene	10.334	91	18497	1.495	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	5362	1.352	ug/L #	70
45) 1,1,2-Trichloroethane	10.734	97	3163	1.445	ug/L	92
46) Tetrachloroethene	10.810	164	2774	1.505	ug/L	93
48) 2-Hexanone	10.916	43	3490	2.558	ug/L #	89
49) Dibromochloromethane	11.069	129	3111	1.302	ug/L #	73
50) 1,2-Dibromoethane	11.175	107	2711	1.434	ug/L #	94
51) Chlorobenzene	11.604	112	11056	1.489	ug/L	97
52) Ethylbenzene	11.681	91	17062	1.313	ug/L	93
53) m,p-Xylene	11.787	106	6389	1.298	ug/L	86
54) o-Xylene	12.116	106	5090	1.054	ug/L	85
55) Styrene	12.134	104	9803	1.155	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	3695	1.440	ug/L	82
59) Bromoform	12.298	173	1248	1.116	ug/L #	95
60) Isopropylbenzene	12.422	105	14049	1.256	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	2541	1.595	ug/L	98
62) 1,3,5-Trimethylbenzene	12.898	105	10145	1.240	ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	10425	1.215	ug/L	93
64) 1,3-Dichlorobenzene	13.451	146	6530	1.412	ug/L #	73
65) 1,4-Dichlorobenzene	13.534	146	7884	1.626	ug/L	90
67) 1,2-Dichlorobenzene	13.828	146	6305	1.509	ug/L	92
69) 1,3,5-Trichlorobenzene	15.098	180	3846	1.372	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	3846	1.630	ug/L	95
71) Naphthalene	15.322	128	6973	1.323	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	2926	1.386	ug/L	94

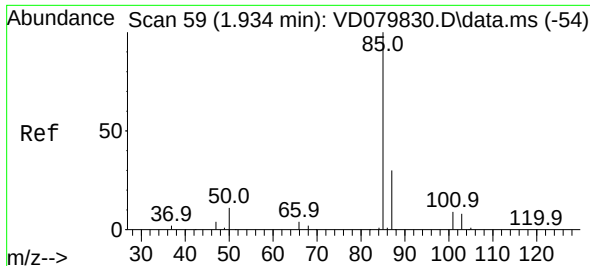
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 13 23:49:48 2024
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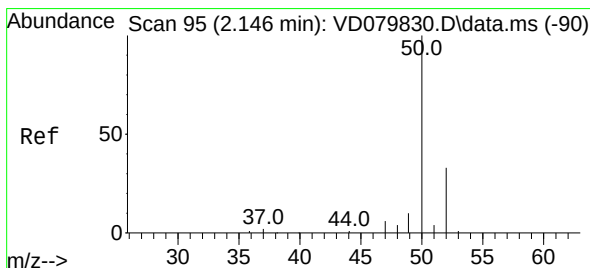
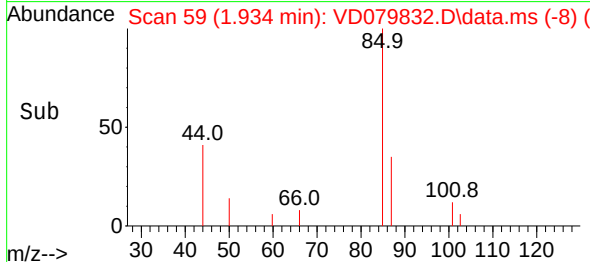
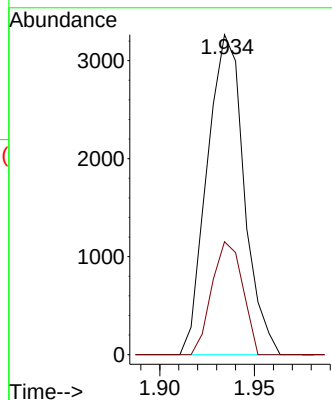
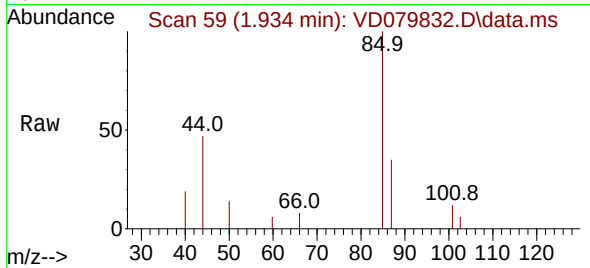




#2
 Dichlorodifluoromethane
 Concen: 1.439 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079832.D
 Acq: 13 Sep 2024 12:07

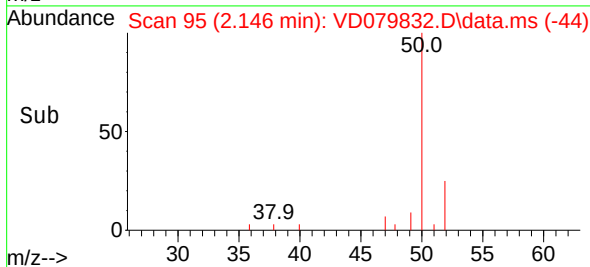
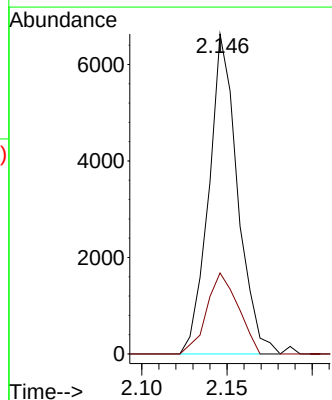
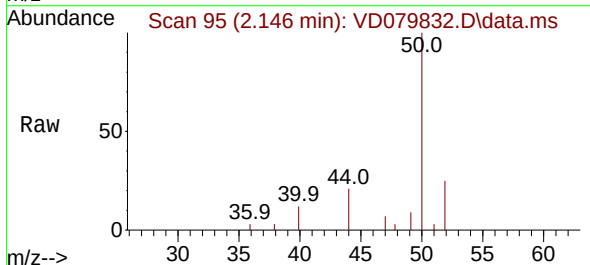
Instrument :
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 ClientSampleId :

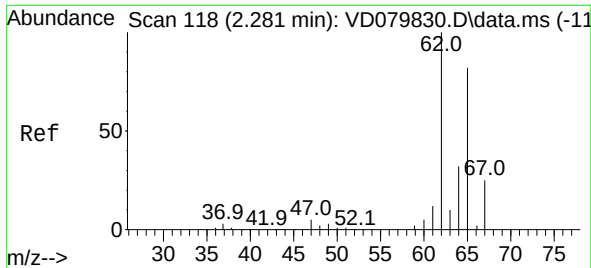
Tgt Ion: 85 Resp: 4441
 Ion Ratio Lower Upper
 85 100
 87 29.3 25.0 37.6



#3
 Chloromethane
 Concen: 1.441 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079832.D
 Acq: 13 Sep 2024 12:07

Tgt Ion: 50 Resp: 7800
 Ion Ratio Lower Upper
 50 100
 52 25.3 22.4 41.6

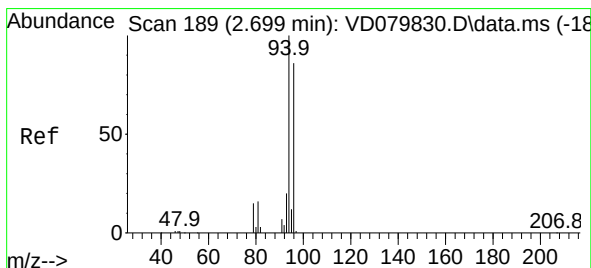
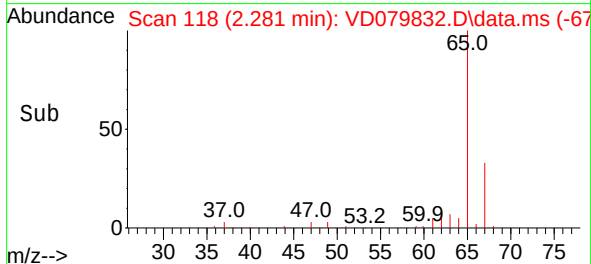
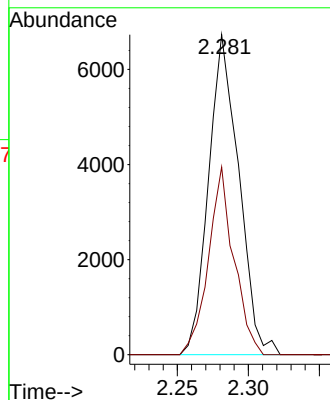
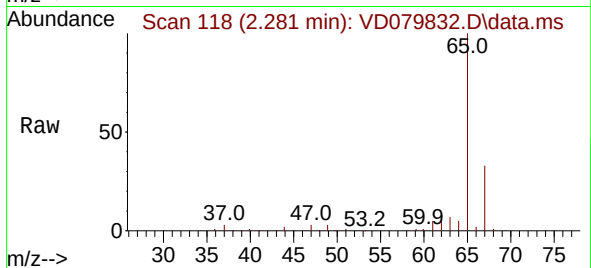




#5
 Vinyl chloride
 Concen: 1.505 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079832.D
 Acq: 13 Sep 2024 12:07

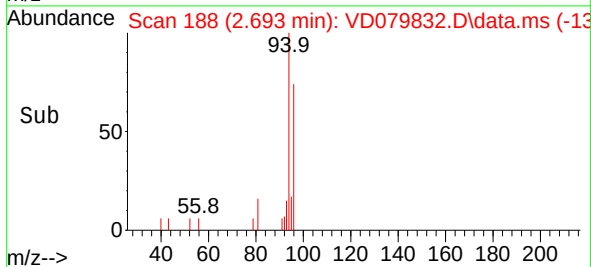
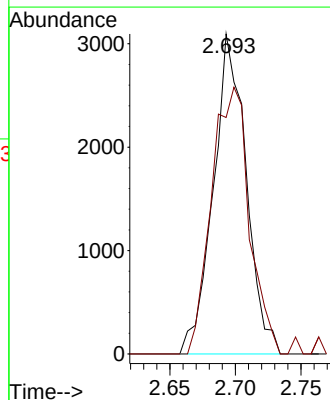
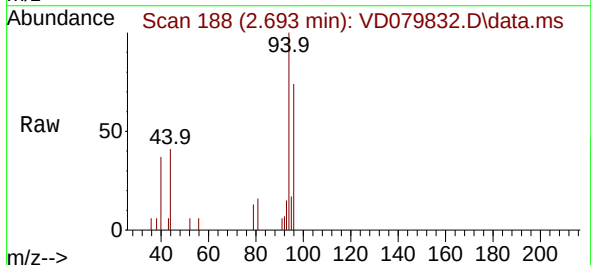
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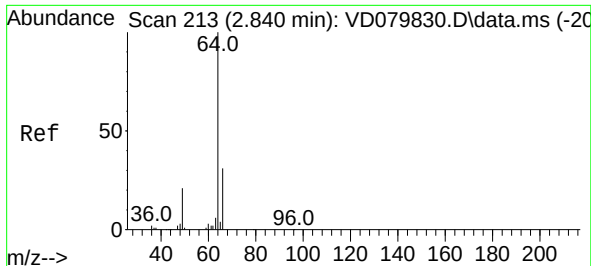
Tgt Ion: 62 Resp: 9978
 Ion Ratio Lower Upper
 62 100
 64 58.7 22.6 42.0#



#6
 Bromomethane
 Concen: 1.616 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD079832.D
 Acq: 13 Sep 2024 12:07

Tgt Ion: 94 Resp: 5395
 Ion Ratio Lower Upper
 94 100
 96 73.9 64.3 119.5

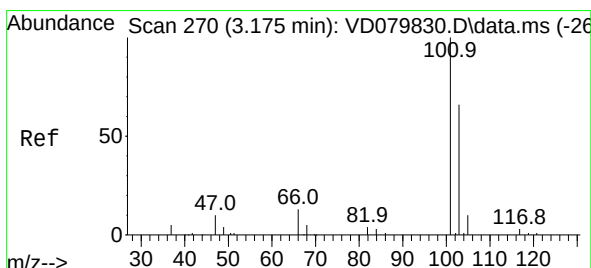
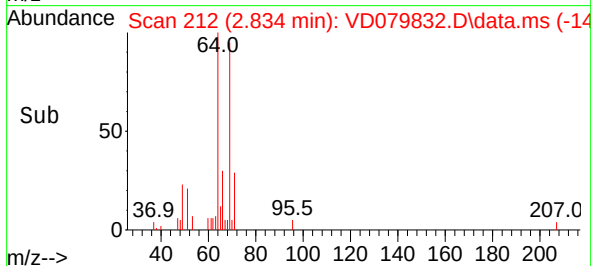
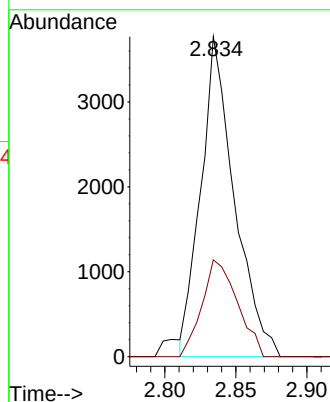
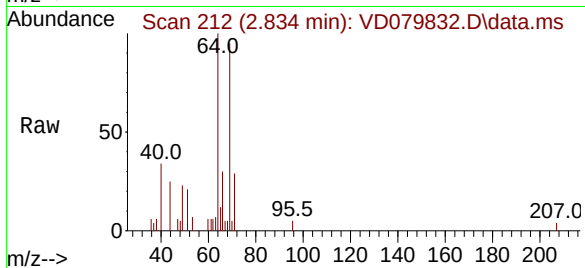




#8
Chloroethane
Concen: 1.416 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

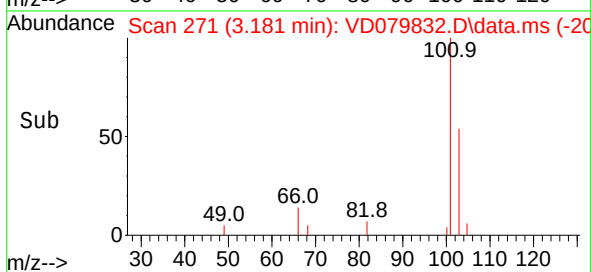
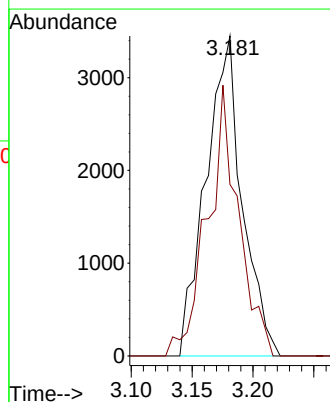
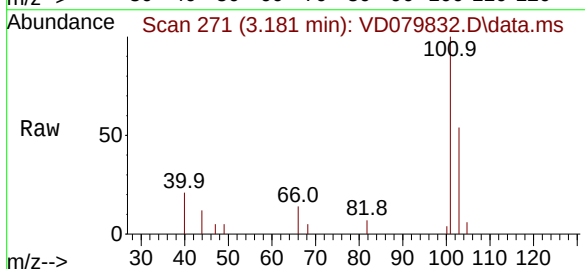
Instrument :
MSVOA_D
ClientSampleId :

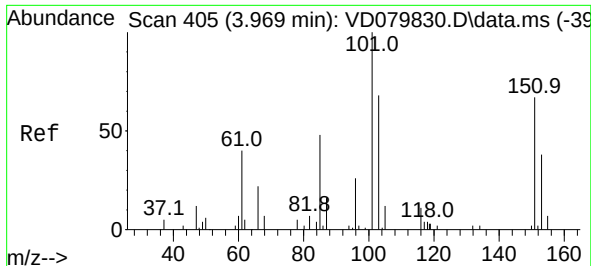
Tgt Ion: 64 Resp: 6203
Ion Ratio Lower Upper
64 100
66 30.2 21.3 39.6



#9
Trichlorofluoromethane
Concen: 1.501 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

Tgt Ion:101 Resp: 7159
Ion Ratio Lower Upper
101 100
103 51.7 50.5 75.7





#10

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

Concen: 0.410 ug/L

RT: 3.963 min Scan# 405

Delta R.T. -0.006 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

ClientSampleId :

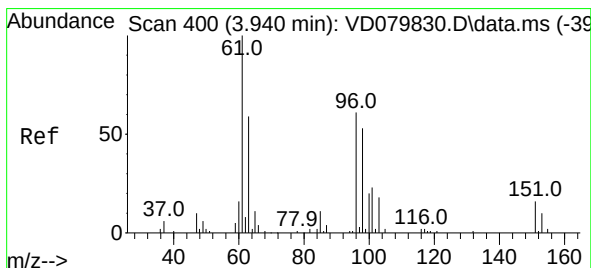
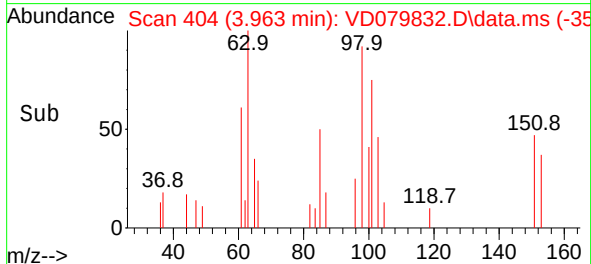
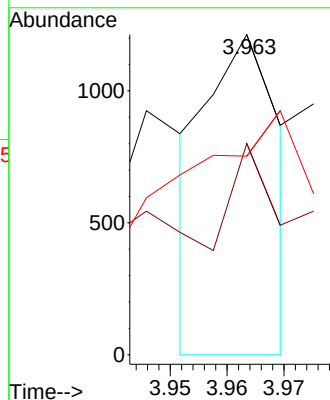
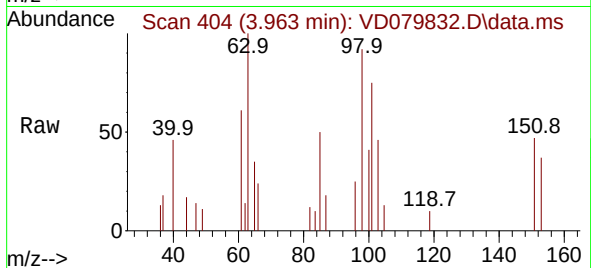
Tgt Ion:101 Resp: 1083

Ion Ratio Lower Upper

101 100

85 111.4 37.8 56.8#

151 167.3 54.2 81.4#



#12

1,1-Dichloroethene

Concen: 1.024 ug/L

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

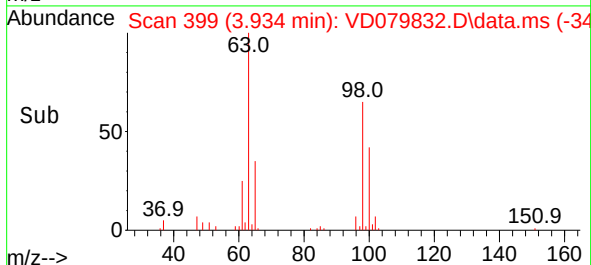
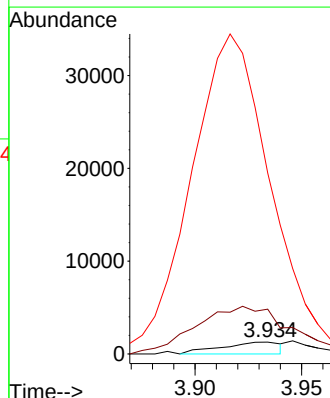
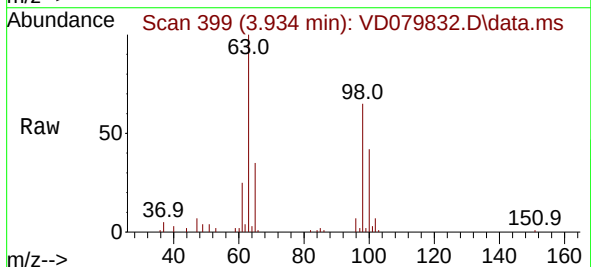
Tgt Ion: 96 Resp: 2516

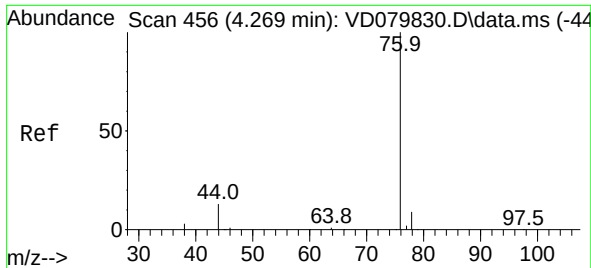
Ion Ratio Lower Upper

96 100

61 376.1 119.8 222.4#

63 1520.7 93.9 174.3#

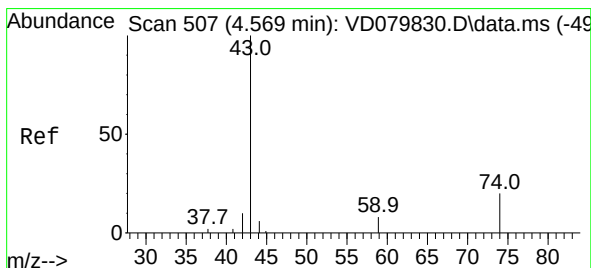
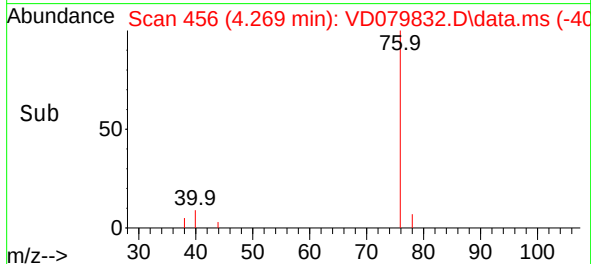
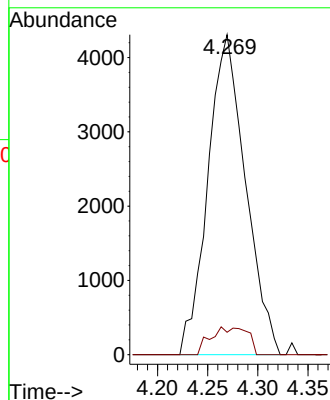
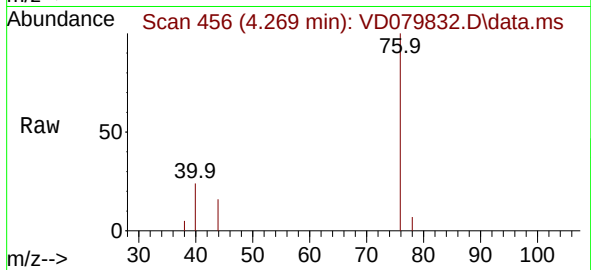




#14
Carbon disulfide
Concen: 1.407 ug/L
RT: 4.269 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

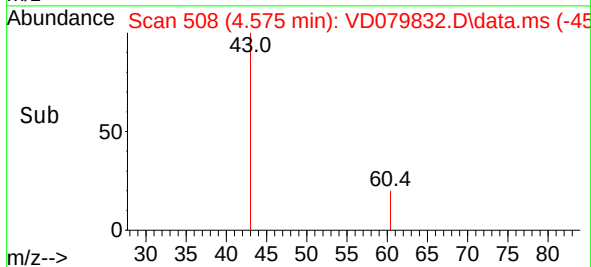
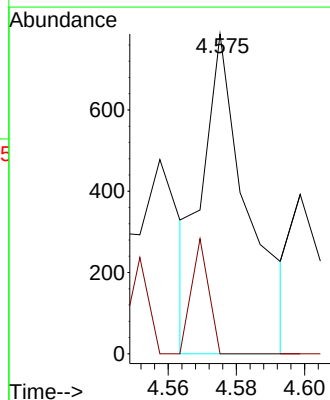
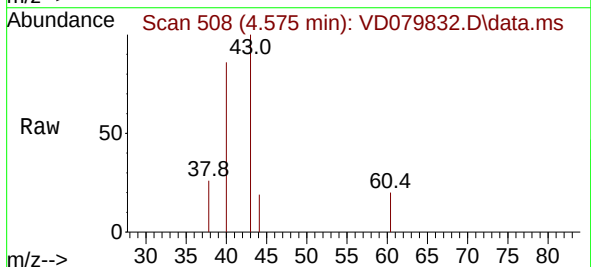
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MSVOA_D
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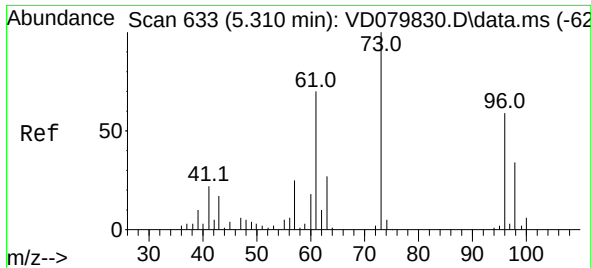
Tgt Ion: 76 Resp: 11247
Ion Ratio Lower Upper
76 100
78 7.0 7.3 10.9#



#15
Methyl Acetate
Concen: 0.565 ug/L
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD079832.D
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Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
74 0.0 11.9 17.9#

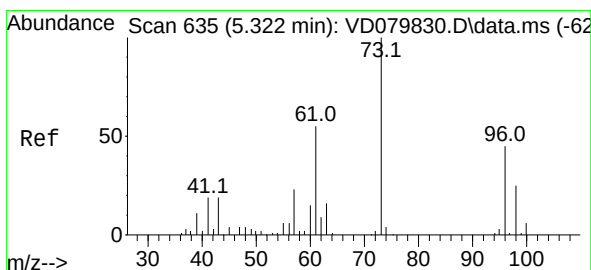
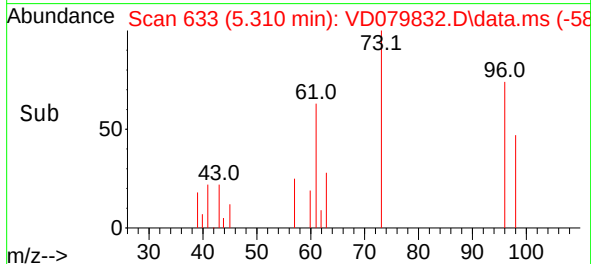
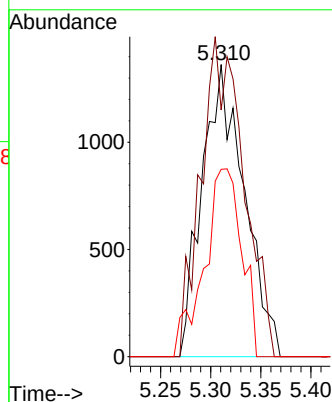
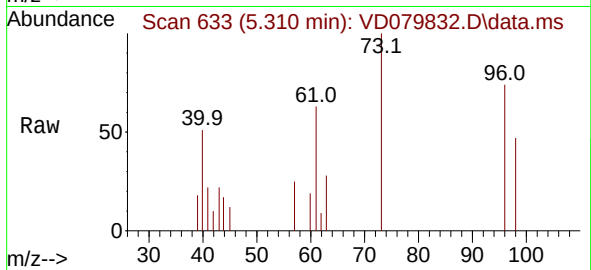




#17
trans-1,2-Dichloroethene
Concen: 1.525 ug/L
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

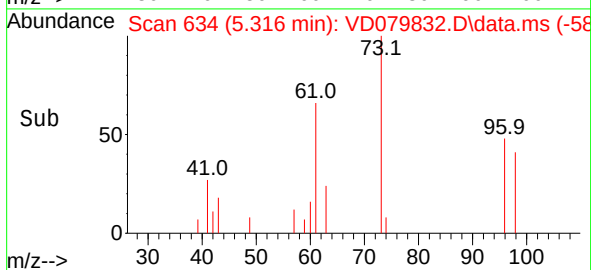
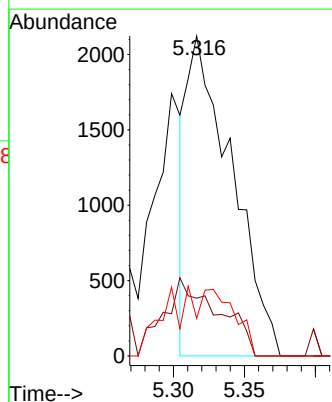
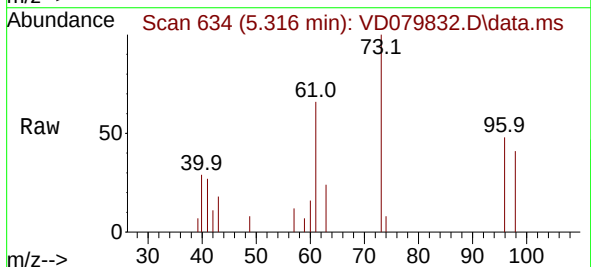
Instrument :
MSVOA_D
ClientSampleId :

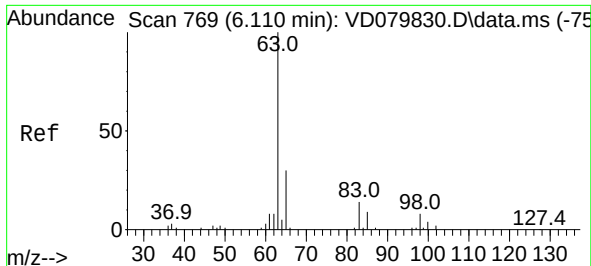
Tgt Ion: 96 Resp: 3998
Ion Ratio Lower Upper
96 100
61 84.4 88.7 164.7#
98 64.1 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 0.789 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

Tgt Ion: 73 Resp: 4655
Ion Ratio Lower Upper
73 100
43 0.0 14.5 21.7#
57 5.4 18.8 28.2#

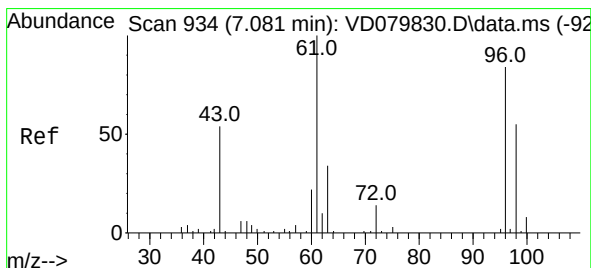
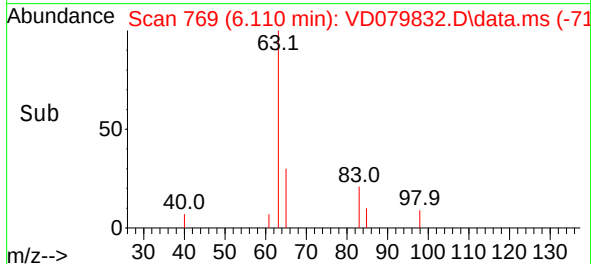
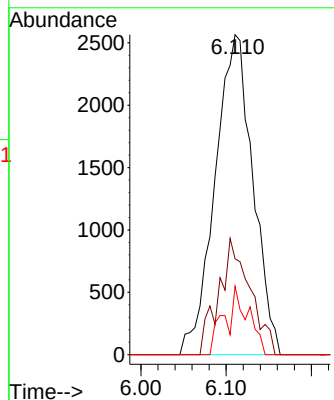
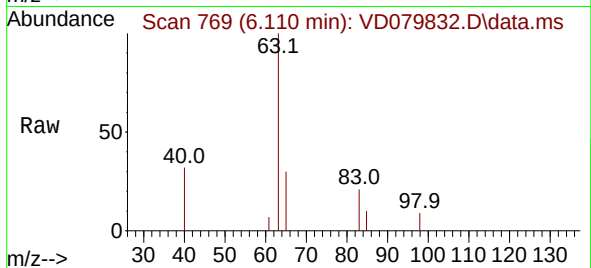




#19
1,1-Dichloroethane
Concen: 1.520 ug/L
RT: 6.110 min Scan# 71
Delta R.T. 0.000 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

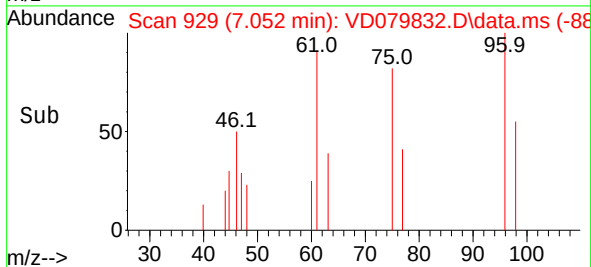
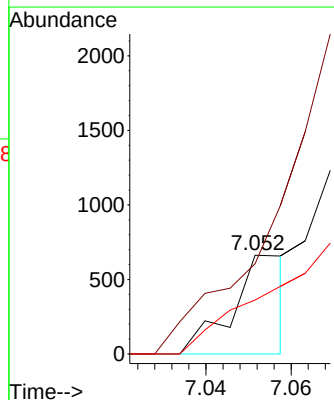
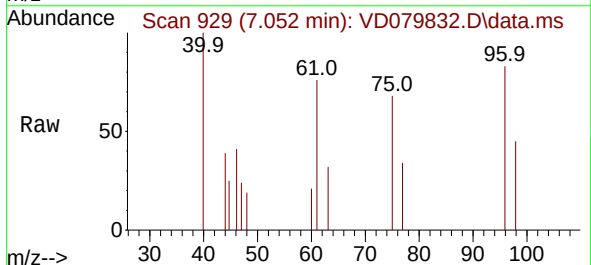
Instrument :
MSVOA_D
ClientSampleId :

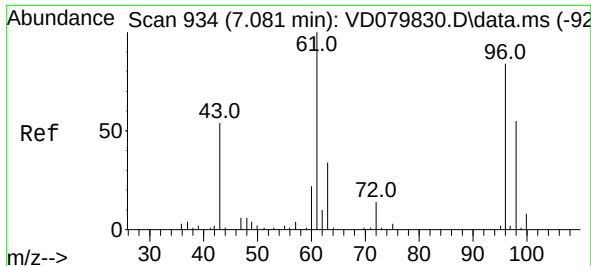
Tgt Ion: 63 Resp: 7912
Ion Ratio Lower Upper
63 100
65 30.0 22.6 42.0
83 21.4 9.0 16.8#



#20
cis-1,2-Dichloroethene
Concen: 0.210 ug/L
RT: 7.052 min Scan# 929
Delta R.T. -0.029 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

Tgt Ion: 96 Resp: 607
Ion Ratio Lower Upper
96 100
61 91.4 83.8 155.6
98 54.6 45.9 85.3





#22

2-Butanone

Concen: 2.138 ug/L

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

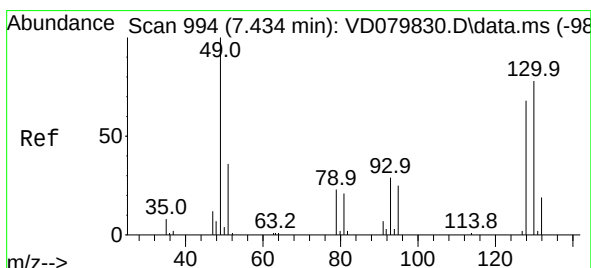
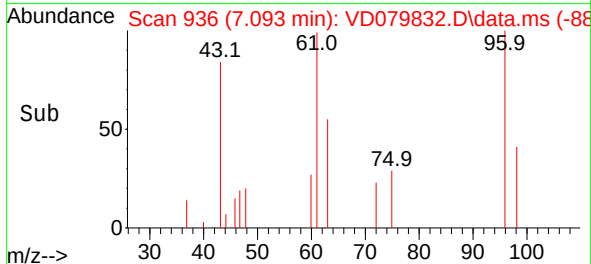
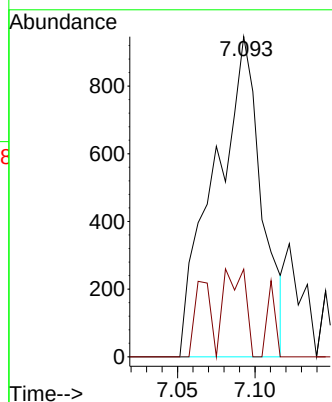
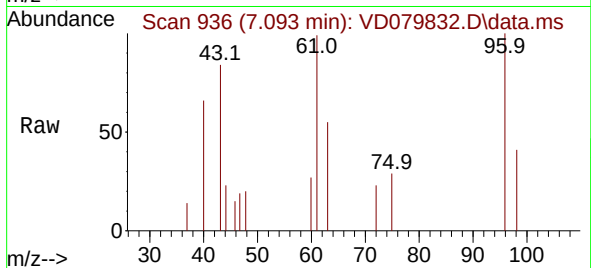
ClientSampleId :

Tgt Ion: 43 Resp: 2000

Ion Ratio Lower Upper

43 100

72 12.7 13.1 39.3#



#23

Bromochloromethane

Concen: 1.708 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.012 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Tgt Ion:128 Resp: 2092

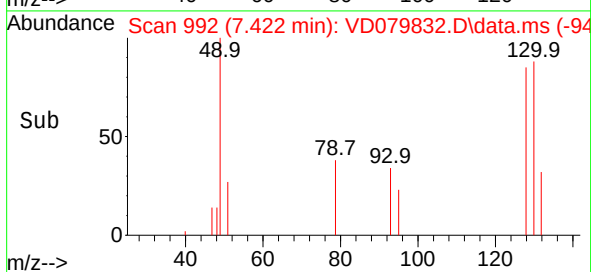
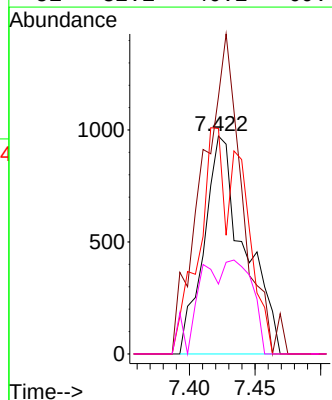
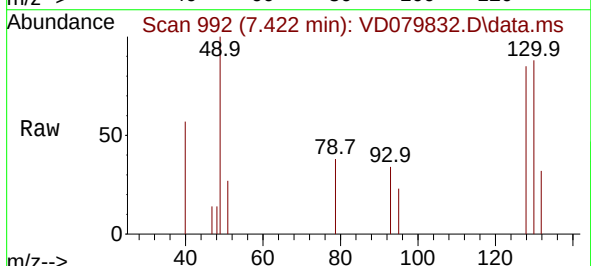
Ion Ratio Lower Upper

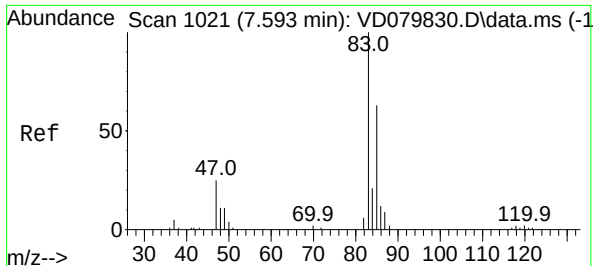
128 100

49 118.0 132.3 245.7#

130 103.5 89.4 166.0

51 32.1 46.2 69.4#

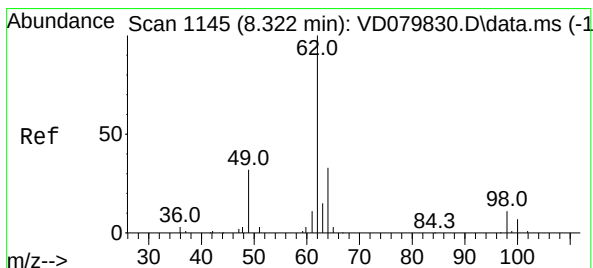
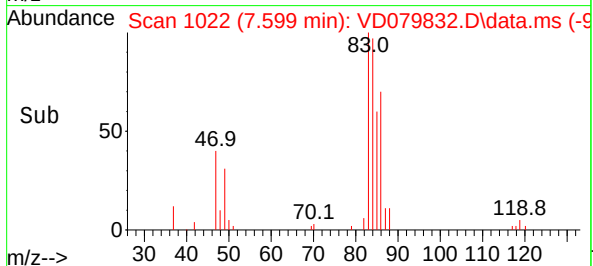
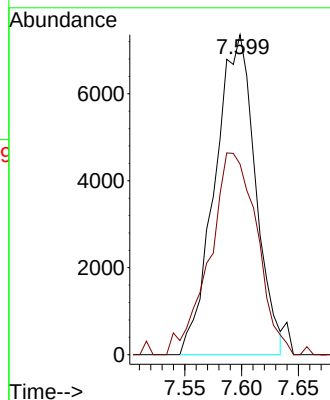
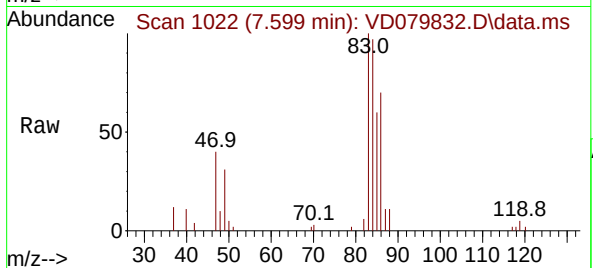




#25
Chloroform
Concen: 3.369 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

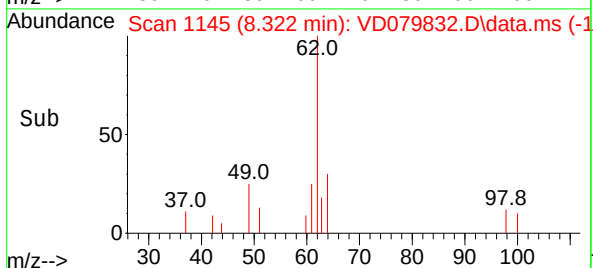
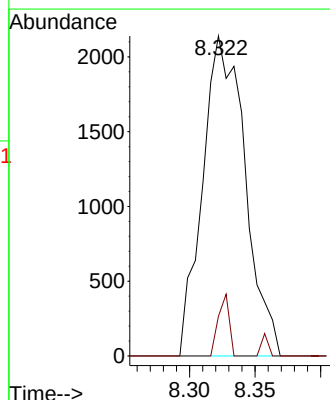
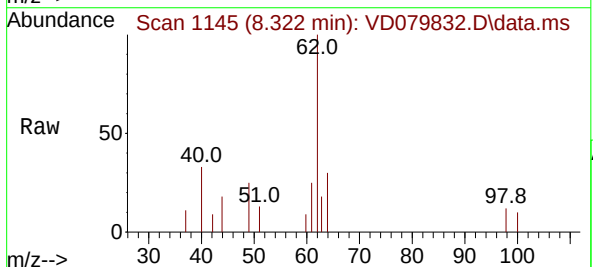
Instrument :
MSVOA_D
ClientSampleId :

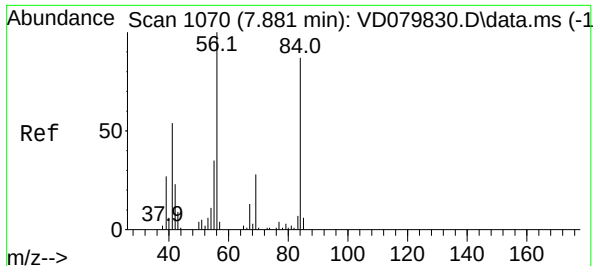
Tgt Ion: 83 Resp: 18259
Ion Ratio Lower Upper
83 100
85 59.5 47.3 87.9



#27
1,2-Dichloroethane
Concen: 1.455 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

Tgt Ion: 62 Resp: 4819
Ion Ratio Lower Upper
62 100
98 12.4 7.5 11.3#





#29

Cyclohexane

Concen: 0.948 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

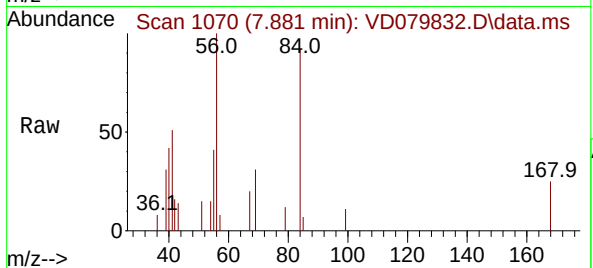
Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

ClientSampleId :



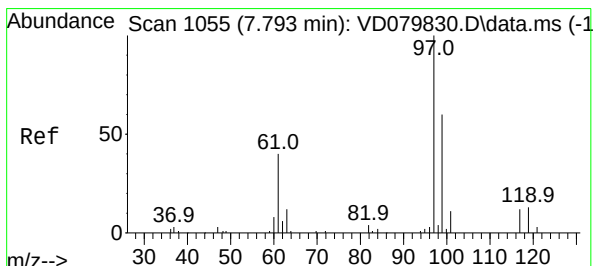
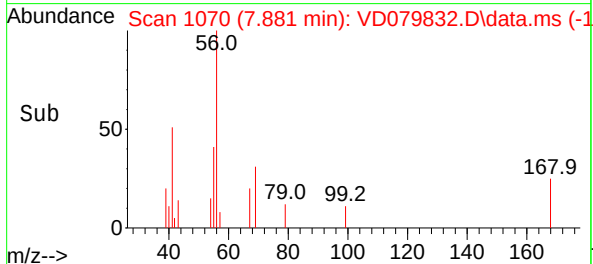
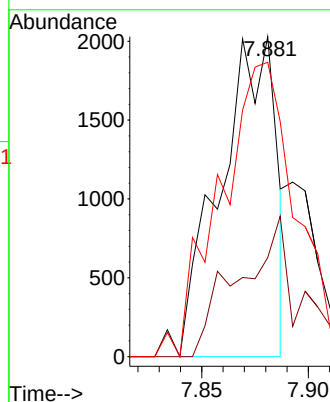
Tgt Ion: 56 Resp: 3699

Ion Ratio Lower Upper

56 100

69 16.3 22.8 34.2#

84 121.8 69.1 103.7#



#30

1,1,1-Trichloroethane

Concen: 1.480 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

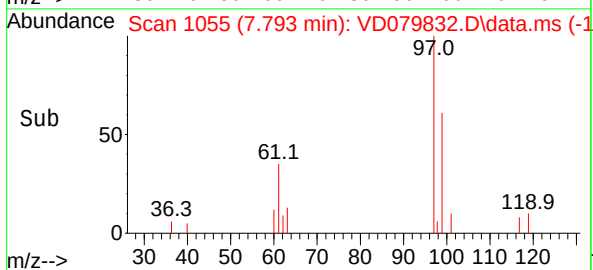
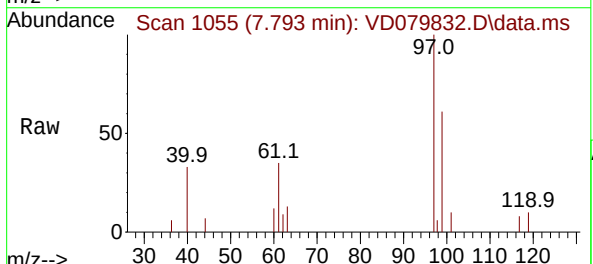
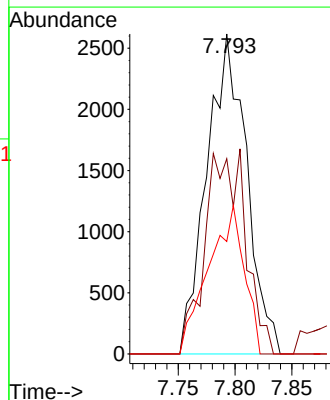
Tgt Ion: 97 Resp: 6364

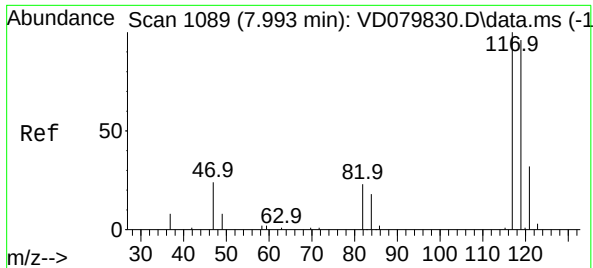
Ion Ratio Lower Upper

97 100

99 27.6 51.9 77.9#

61 41.9 35.4 53.2





#31

Carbon tetrachloride

Concen: 1.412 ug/L

RT: 7.987 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

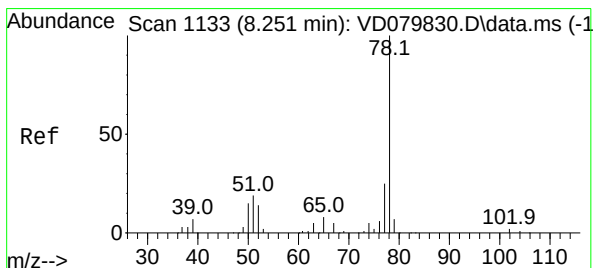
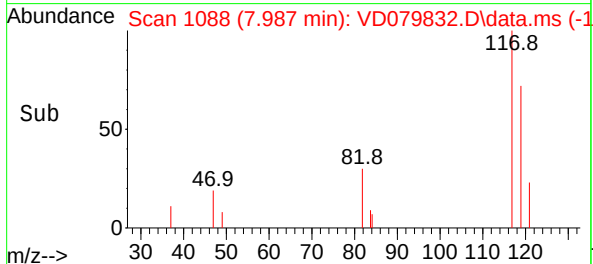
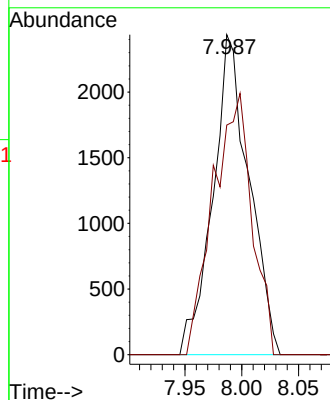
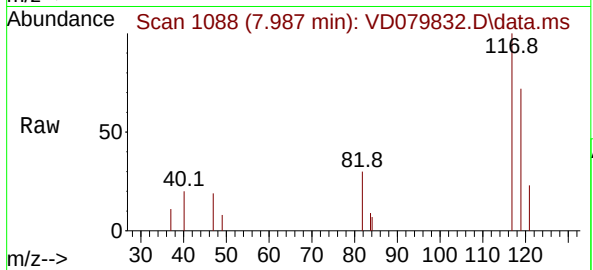
ClientSampleId :

Tgt Ion:117 Resp: 5381

Ion Ratio Lower Upper

117 100

119 88.0 76.0 114.0



#33

Benzene

Concen: 1.513 ug/L

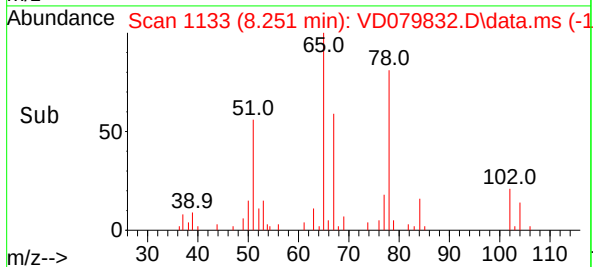
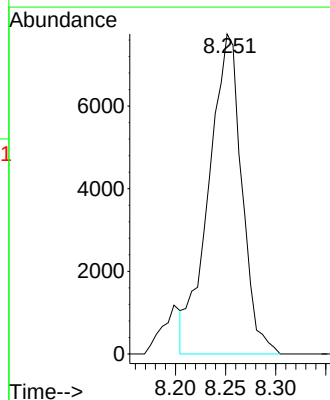
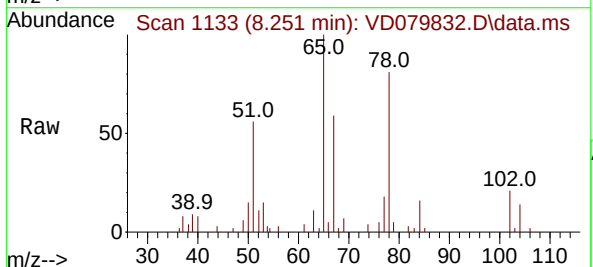
RT: 8.251 min Scan# 1133

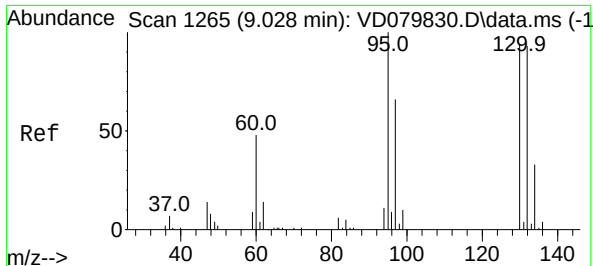
Delta R.T. 0.000 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Tgt Ion: 78 Resp: 17769





#34

Trichloroethene

Concen: 1.412 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

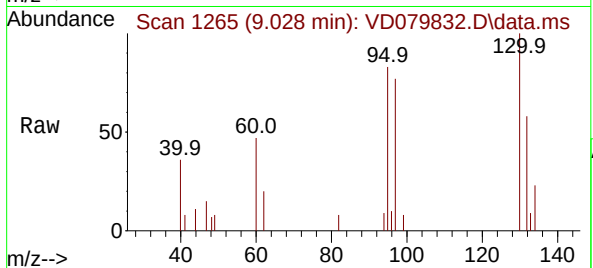
Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 3834

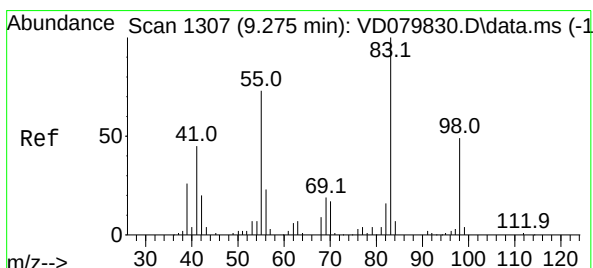
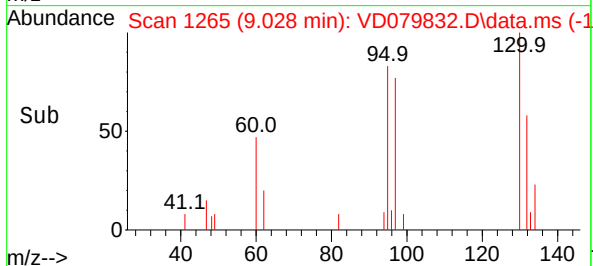
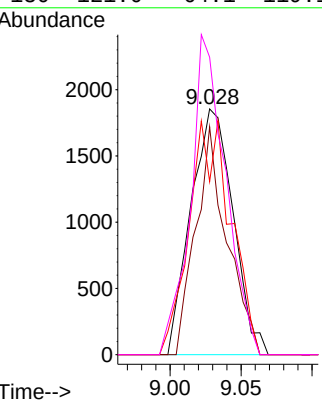
Ion Ratio Lower Upper

95 100

97 92.7 43.5 80.7#

132 70.5 64.5 119.7

130 121.0 64.1 119.1#



#35

Methylcyclohexane

Concen: 1.044 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

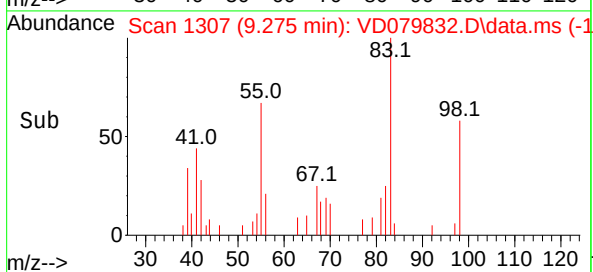
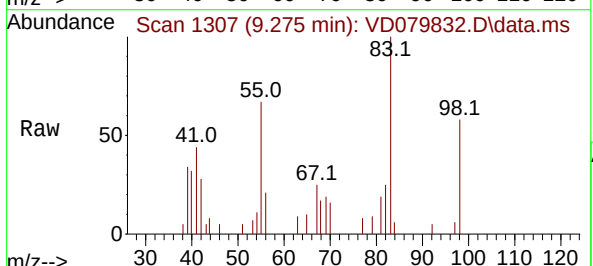
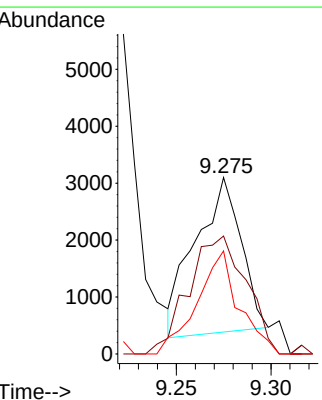
Tgt Ion: 83 Resp: 4571

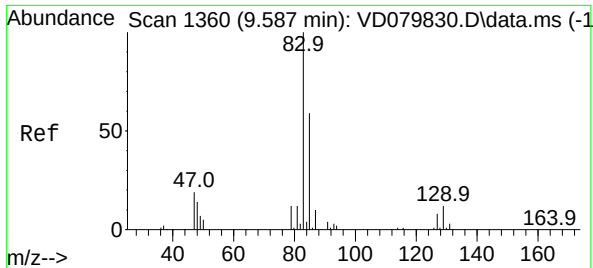
Ion Ratio Lower Upper

83 100

55 96.0 58.9 88.3#

98 60.7 38.6 58.0#

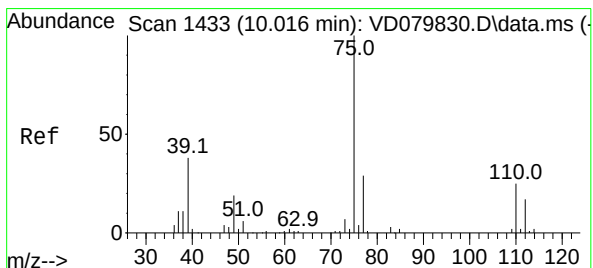
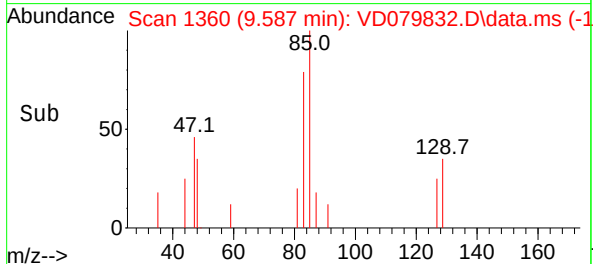
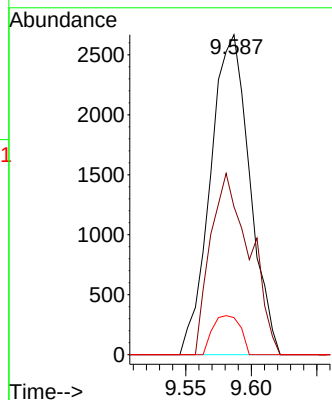
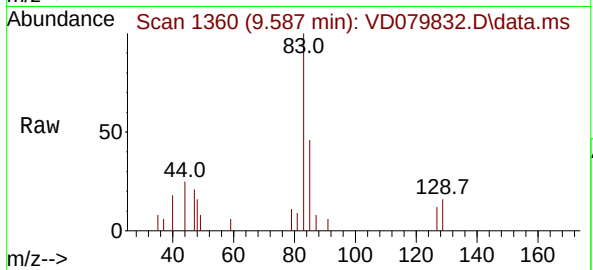




#38
Bromodichloromethane
Concen: 1.491 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

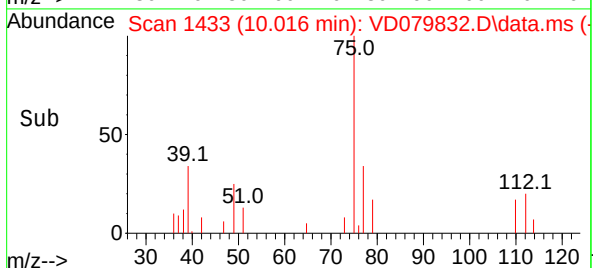
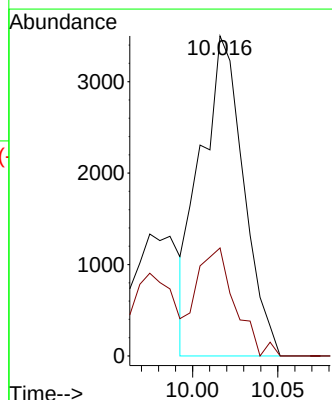
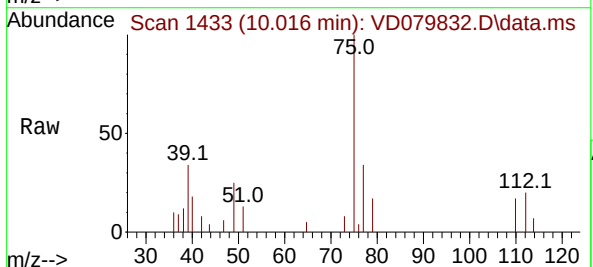
Instrument :
MSVOA_D
ClientSampleId :

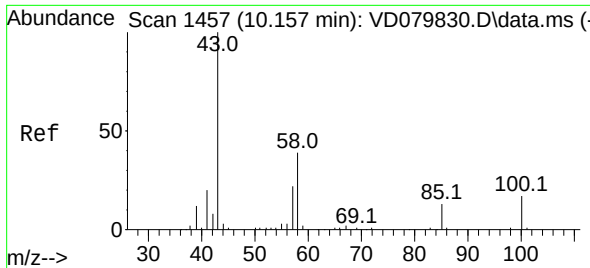
Tgt Ion: 83 Resp: 5567
Ion Ratio Lower Upper
83 100
85 46.3 45.9 85.3
127 11.6 6.7 10.1#



#39
cis-1,3-Dichloropropene
Concen: 1.370 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

Tgt Ion: 75 Resp: 6162
Ion Ratio Lower Upper
75 100
77 33.8 24.1 44.8





#40

4-Methyl-2-pentanone

Concen: 2.304 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079832.D

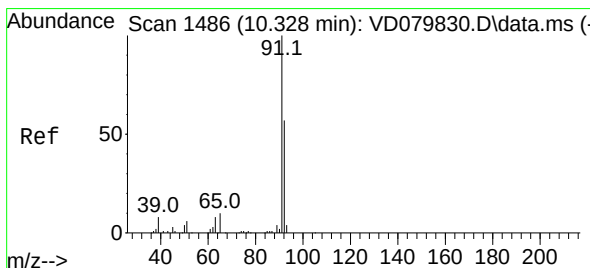
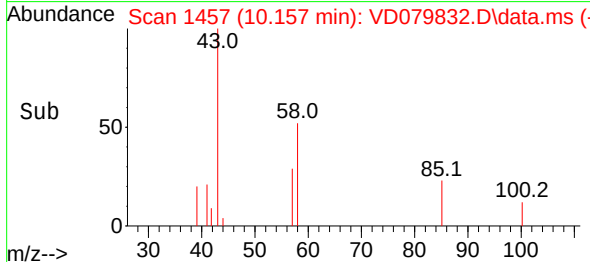
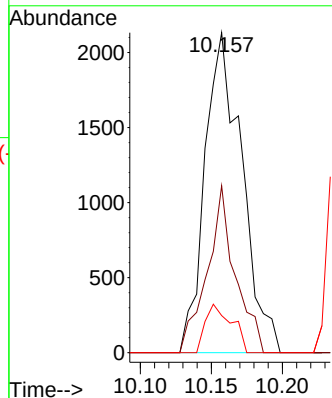
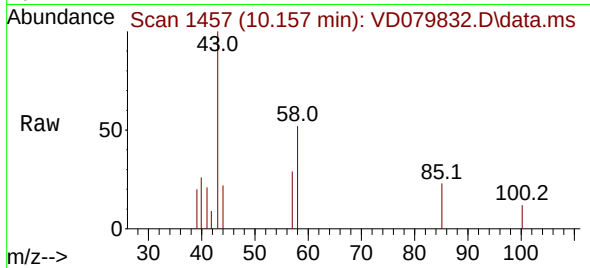
Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 3864
Ion Ratio	Lower Upper
43	100
58	39.5 31.1 46.7
100	8.9 11.8 17.6#



#42

Toluene

Concen: 1.495 ug/L

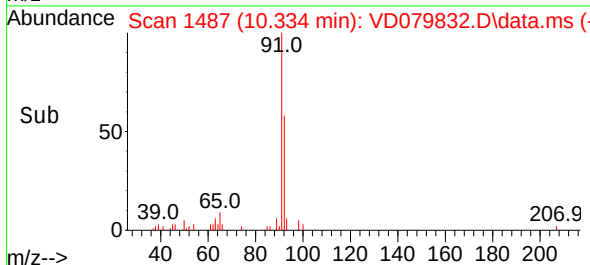
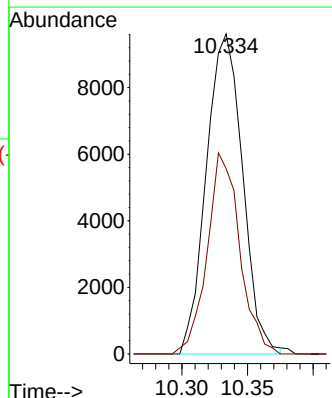
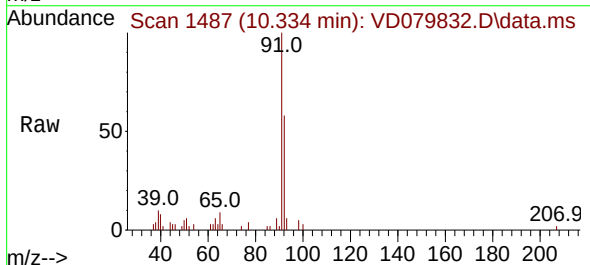
RT: 10.334 min Scan# 1487

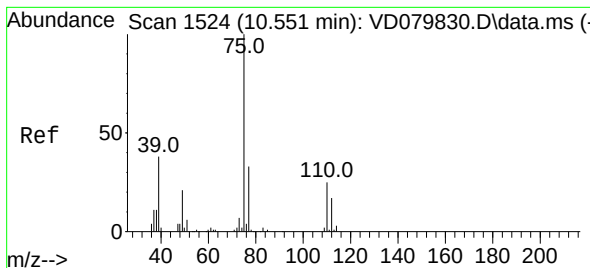
Delta R.T. 0.006 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Tgt Ion: 91	Resp: 18497
Ion Ratio	Lower Upper
91	100
92	57.9 38.6 71.8





#44

trans-1,3-Dichloropropene

Concen: 1.352 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

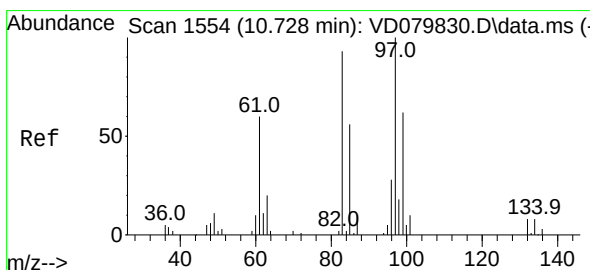
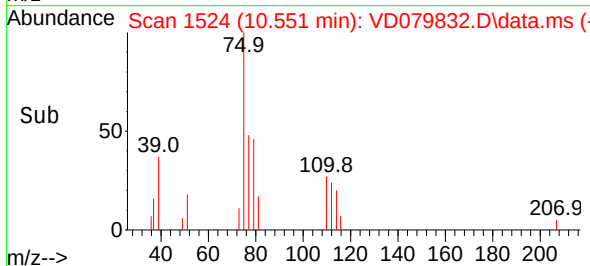
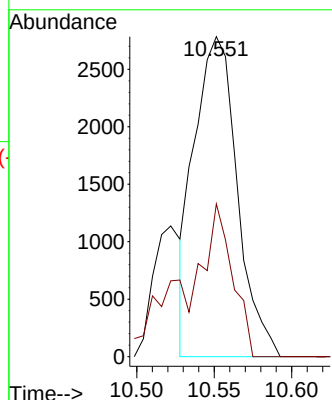
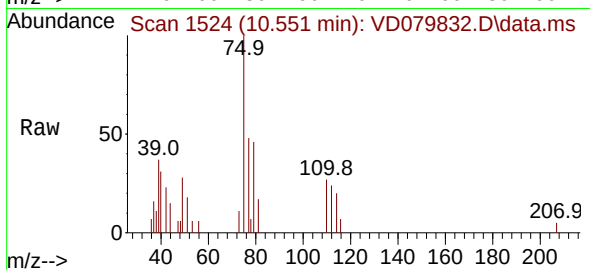
ClientSampleId :

Tgt Ion: 75 Resp: 5362

Ion Ratio Lower Upper

75 100

77 47.7 21.8 40.4#



#45

1,1,2-Trichloroethane

Concen: 1.445 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Tgt Ion: 97 Resp: 3163

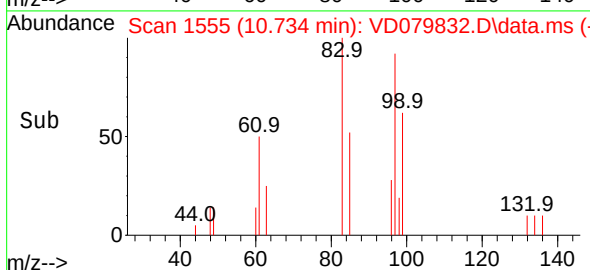
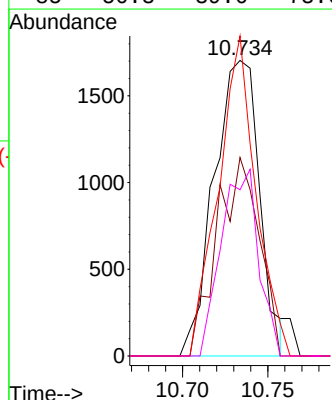
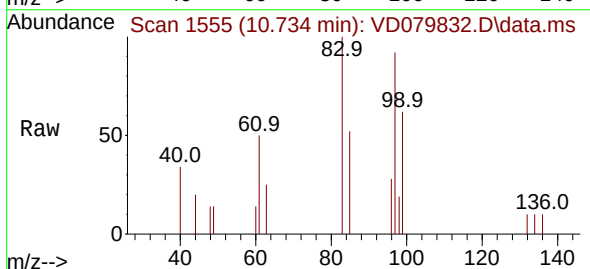
Ion Ratio Lower Upper

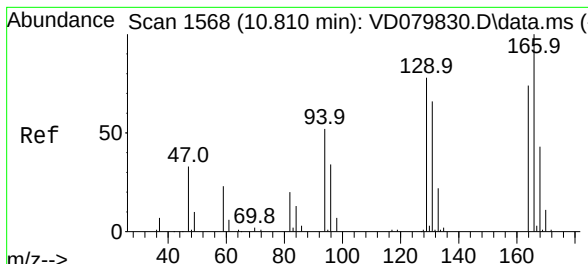
97 100

99 67.1 45.1 83.7

83 108.3 65.2 121.0

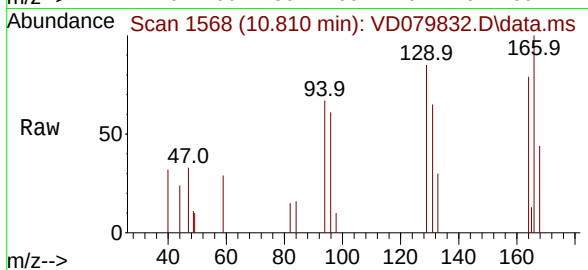
85 56.3 39.6 73.6





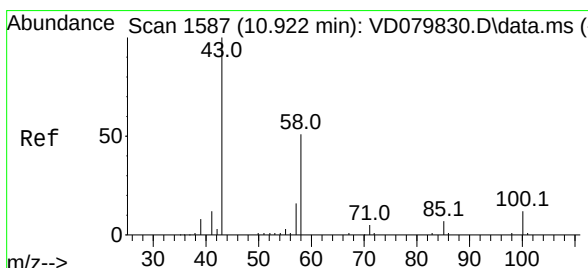
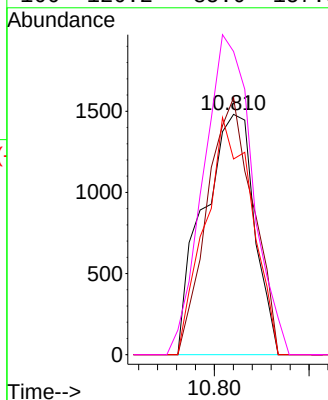
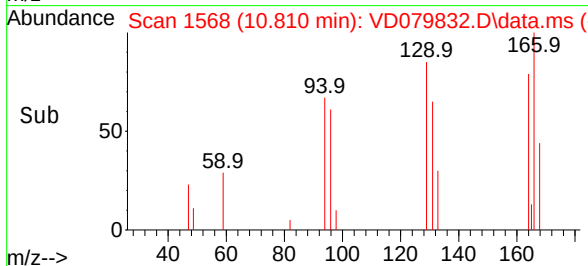
#46
Tetrachloroethene
Concen: 1.505 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

Instrument :
MSVOA_D
ClientSampleId :

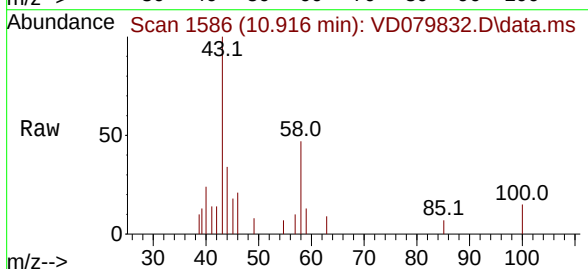


Tgt Ion:164 Resp: 2774

Ion	Ratio	Lower	Upper
164	100		
129	107.0	68.7	127.5
131	81.4	62.5	116.1
166	126.2	85.0	157.8

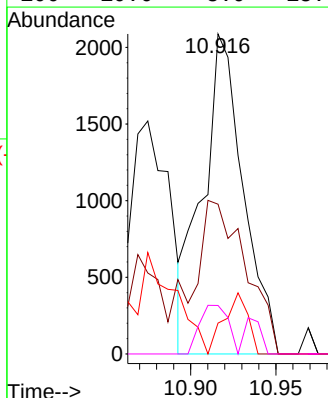
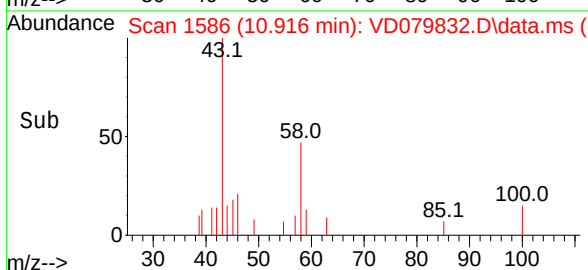


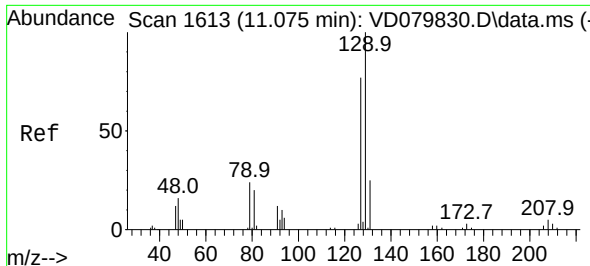
#48
2-Hexanone
Concen: 2.558 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07



Tgt Ion: 43 Resp: 3490

Ion	Ratio	Lower	Upper
43	100		
58	52.9	44.7	67.1
57	0.0	13.6	20.4#
100	10.6	8.9	13.3





#49

Dibromochloromethane

Concen: 1.302 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

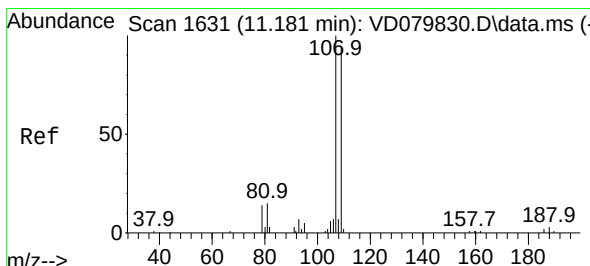
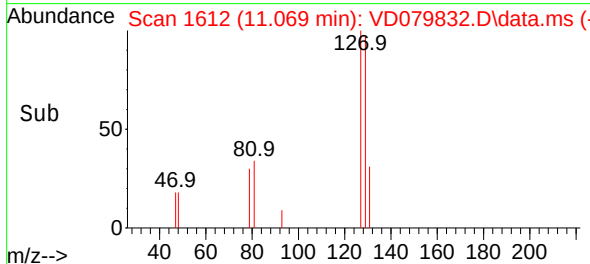
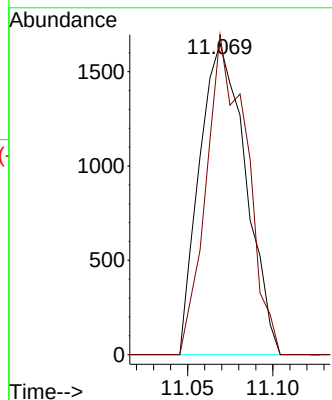
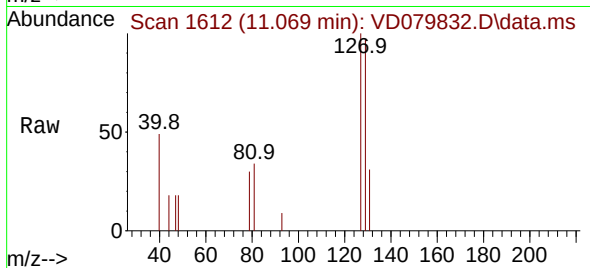
ClientSampleId :

Tgt Ion:129 Resp: 3111

Ion Ratio Lower Upper

129 100

127 102.8 55.2 102.6#



#50

1,2-Dibromoethane

Concen: 1.434 ug/L

RT: 11.175 min Scan# 1630

Delta R.T. -0.006 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

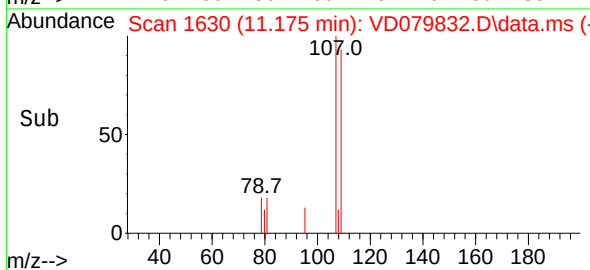
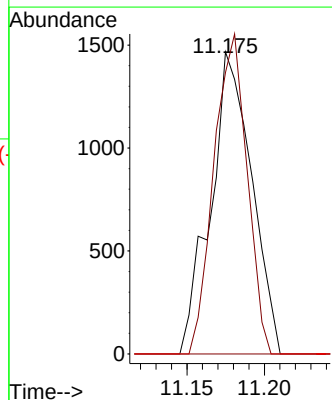
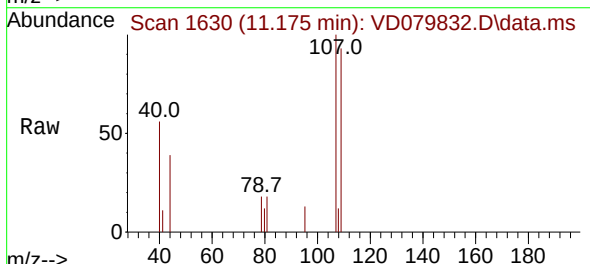
Tgt Ion:107 Resp: 2711

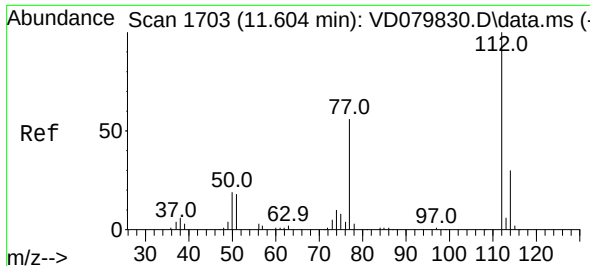
Ion Ratio Lower Upper

107 100

109 93.2 61.5 114.1

188 0.0 2.3 3.5#

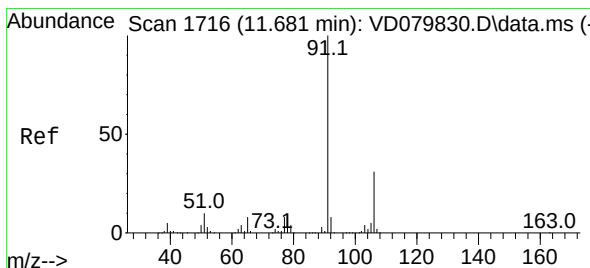
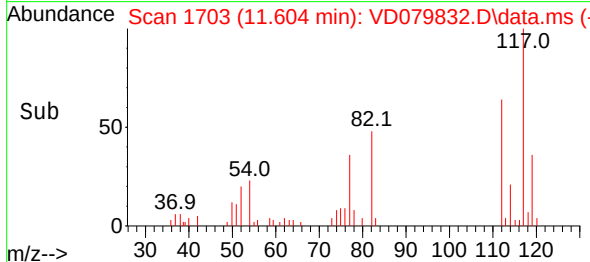
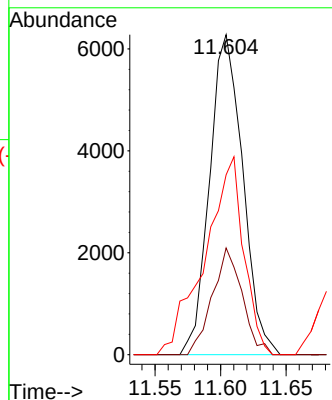
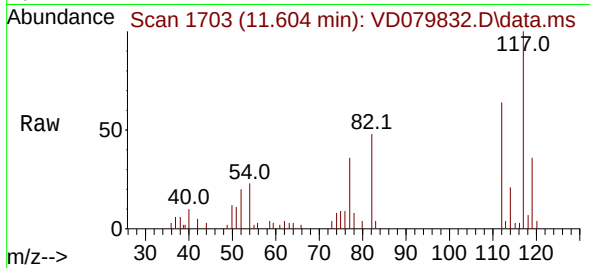




#51
Chlorobenzene
Concen: 1.489 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

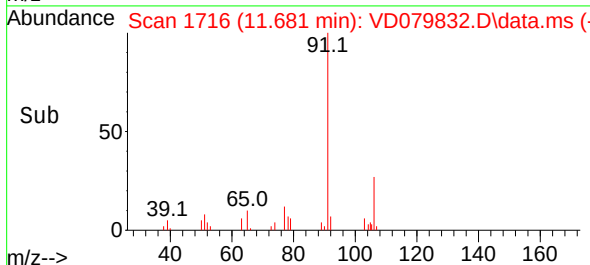
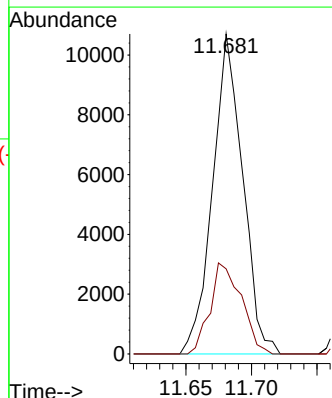
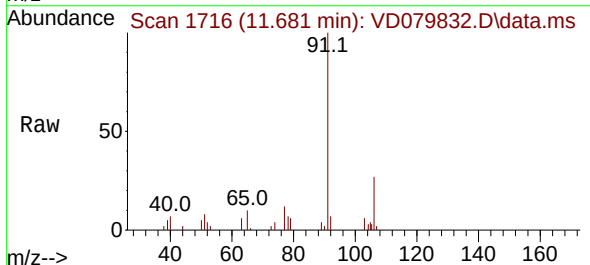
Instrument :
MSVOA_D
ClientSampleId :

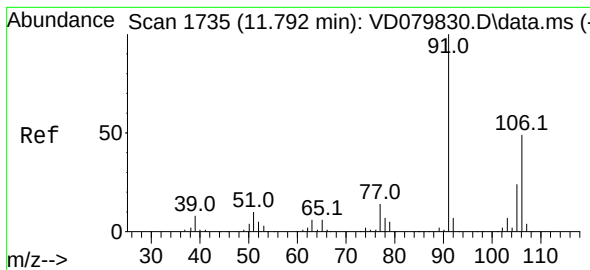
Tgt Ion:112	Resp:	11056
Ion Ratio	Lower	Upper
112	100	
114	33.3	22.0 41.0
77	56.2	46.7 70.1



#52
Ethylbenzene
Concen: 1.313 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

Tgt Ion: 91	Resp:	17062
Ion Ratio	Lower	Upper
91	100	
106	26.6	21.3 39.5





#53

m,p-Xylene

Concen: 1.298 ug/L

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

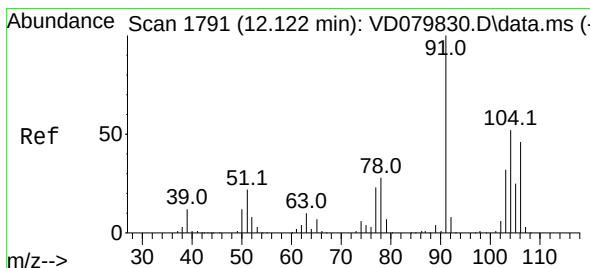
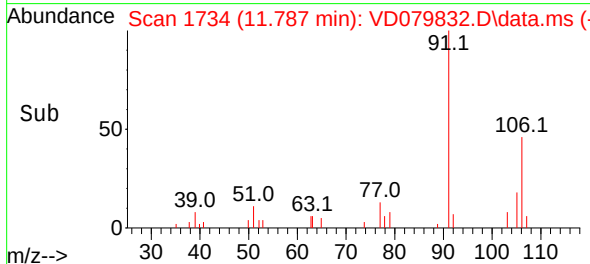
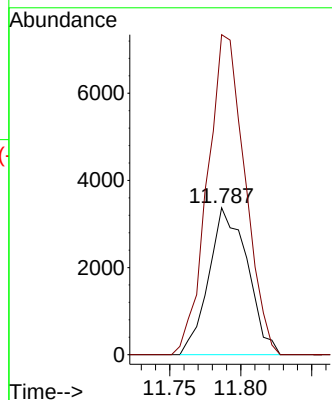
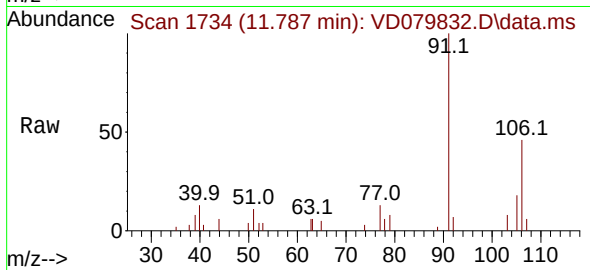
ClientSampleId :

Tgt Ion:106 Resp: 6389

Ion Ratio Lower Upper

106 100

91 218.0 138.3 256.9



#54

o-Xylene

Concen: 1.054 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD079832.D

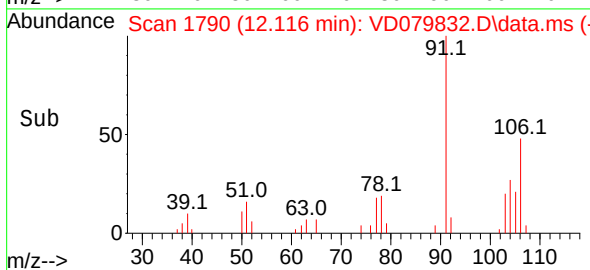
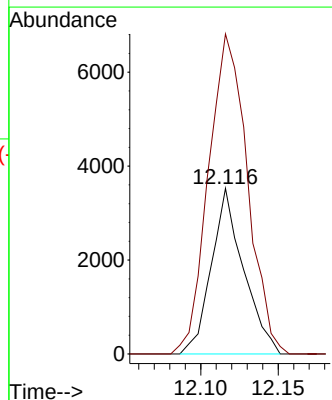
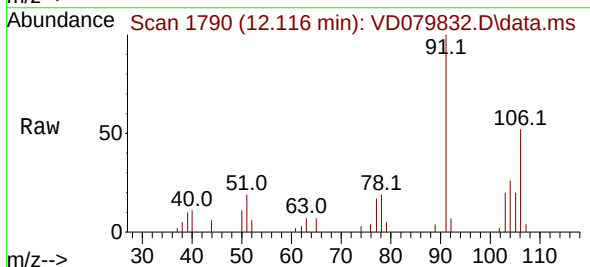
Acq: 13 Sep 2024 12:07

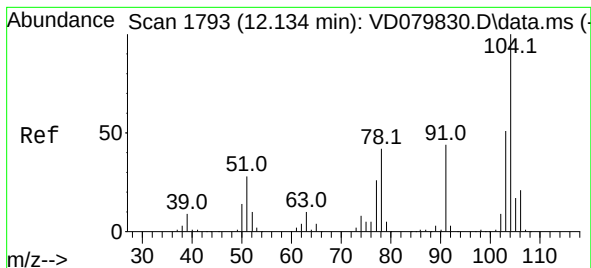
Tgt Ion:106 Resp: 5090

Ion Ratio Lower Upper

106 100

91 193.3 152.6 283.4





#55

Styrene

Concen: 1.155 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

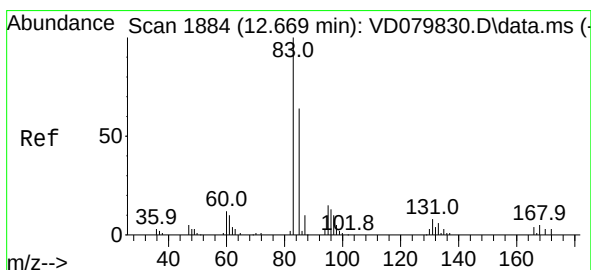
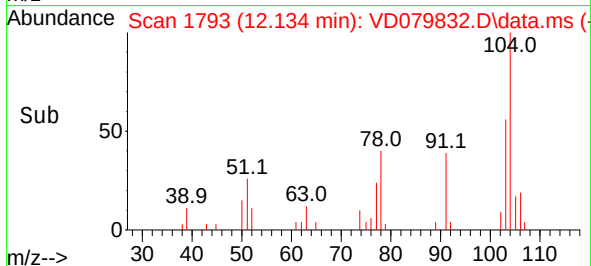
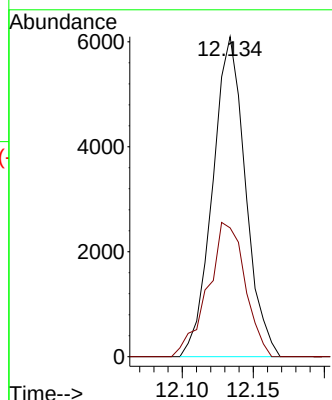
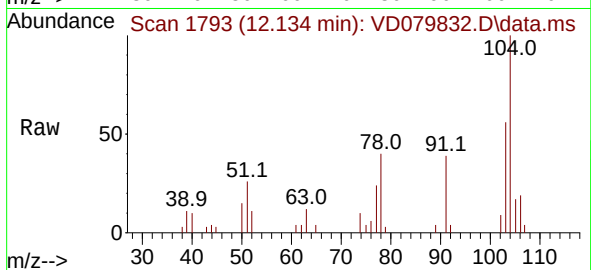
ClientSampleId :

Tgt Ion:104 Resp: 9803

Ion Ratio Lower Upper

104 100

78 40.2 30.7 57.1



#57

1,1,2,2-Tetrachloroethane

Concen: 1.440 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

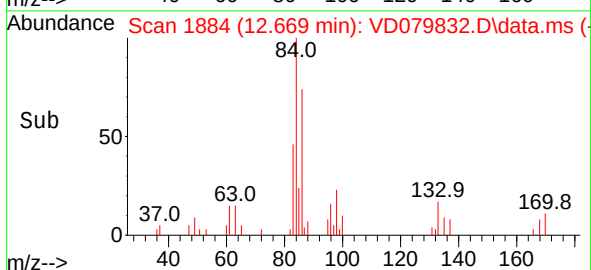
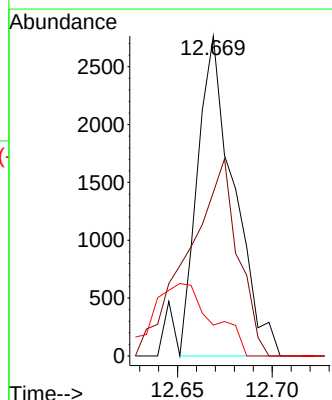
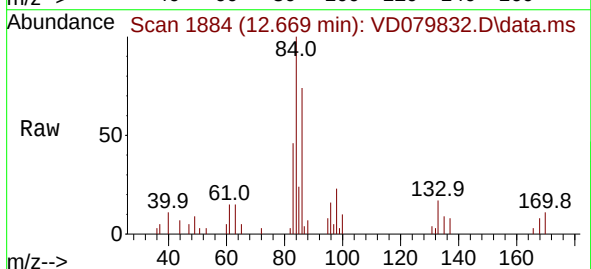
Tgt Ion: 83 Resp: 3695

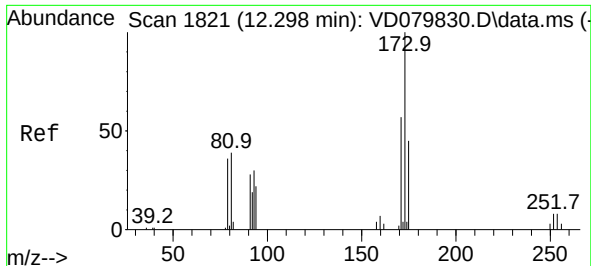
Ion Ratio Lower Upper

83 100

85 51.1 46.8 87.0

131 9.7 6.5 9.7





#59

Bromoform

Concen: 1.116 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

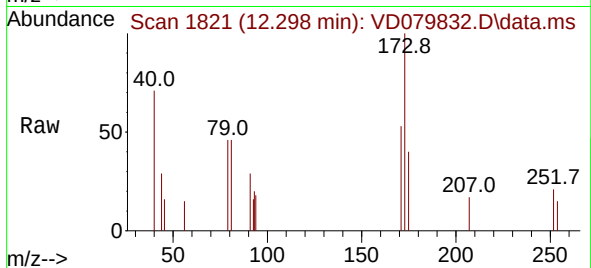
Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

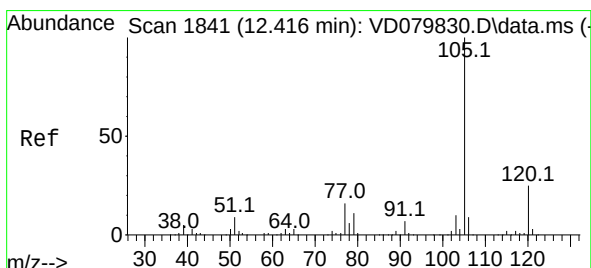
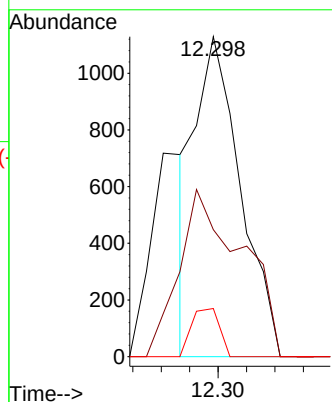
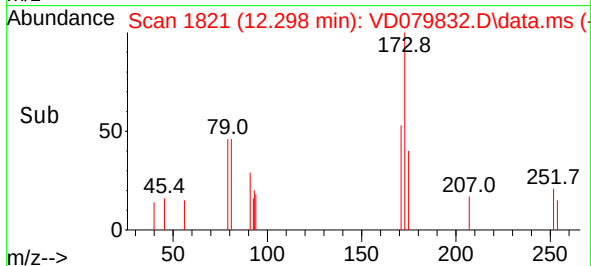
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	173	Resp:	1248
Ion	Ratio	Lower	Upper
173	100		
175	52.6	39.2	58.8
254	9.3	5.5	8.3#



#60

Isopropylbenzene

Concen: 1.256 ug/L

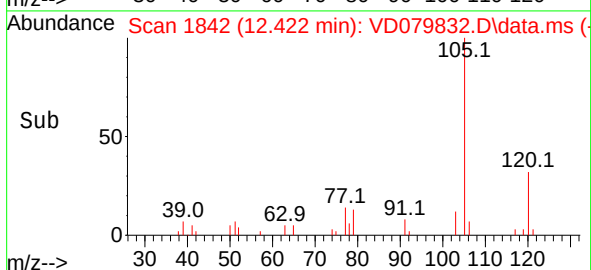
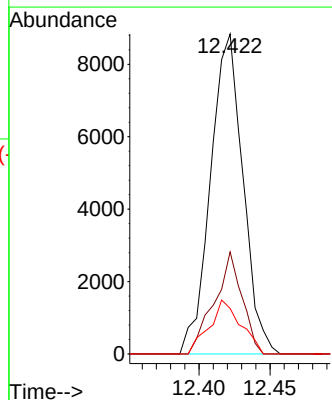
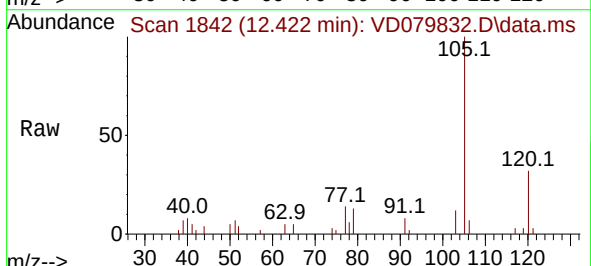
RT: 12.422 min Scan# 1842

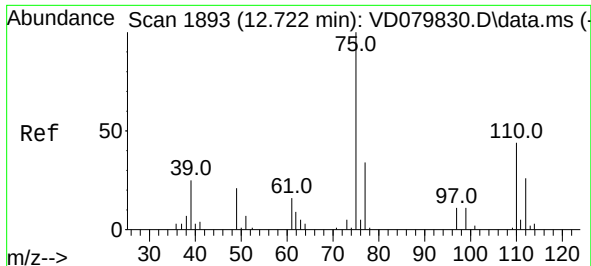
Delta R.T. 0.006 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Tgt Ion:	105	Resp:	14049
Ion	Ratio	Lower	Upper
105	100		
120	27.2	20.9	31.3
77	16.4	12.6	19.0





#61

1,2,3-Trichloropropane

Concen: 1.595 ug/L

RT: 12.728 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VD079832.D

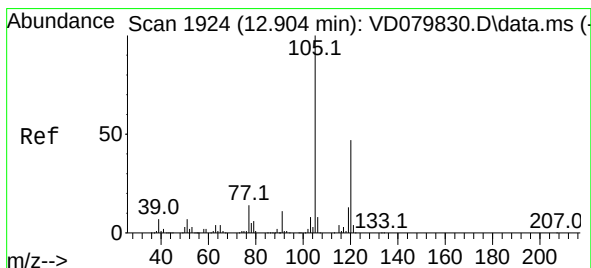
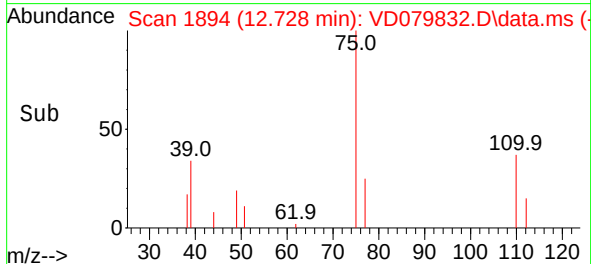
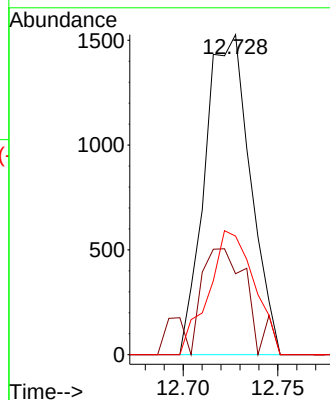
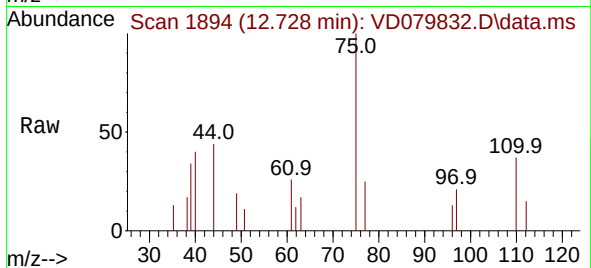
Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 2541
Ion Ratio	Lower Upper
75	100
77	30.6 25.1 37.7
110	39.0 30.1 45.1



#62

1,3,5-Trimethylbenzene

Concen: 1.240 ug/L

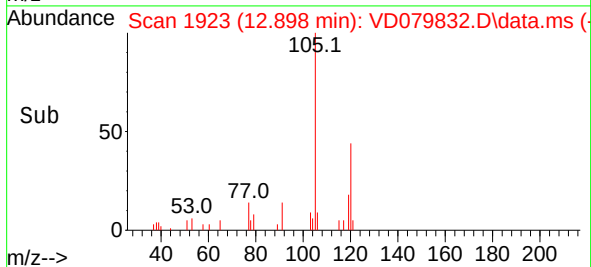
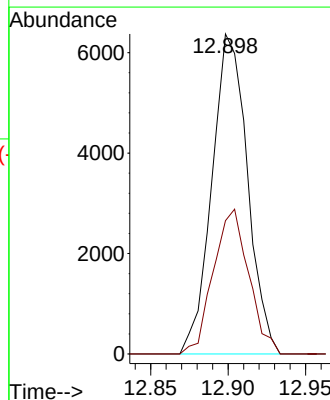
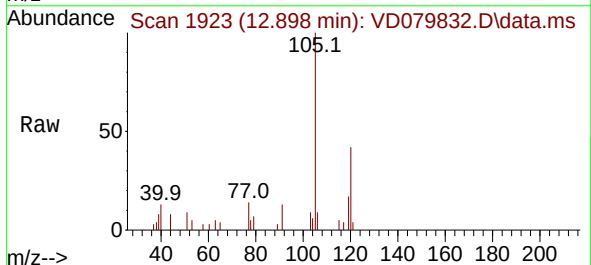
RT: 12.898 min Scan# 1923

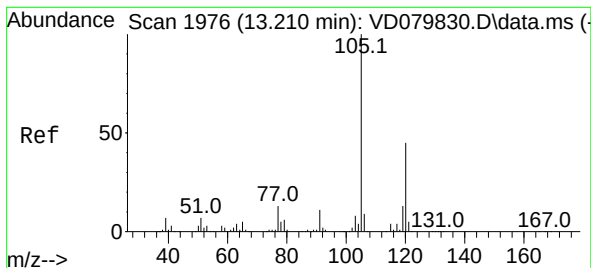
Delta R.T. -0.006 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Tgt Ion: 105	Resp: 10145
Ion Ratio	Lower Upper
105	100
120	45.1 38.3 57.5





#63

1,2,4-Trimethylbenzene

Concen: 1.215 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

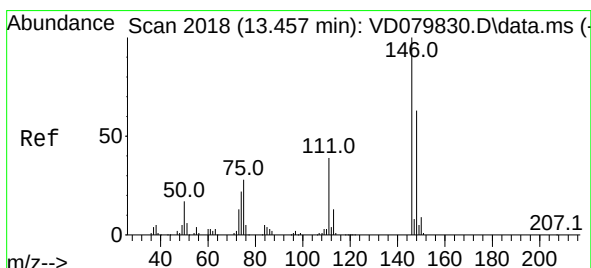
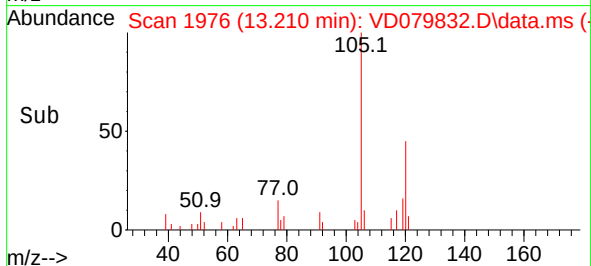
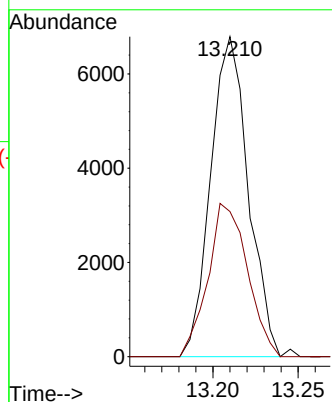
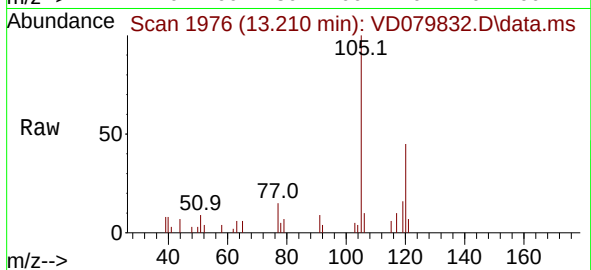
ClientSampleId :

Tgt Ion:105 Resp: 10425

Ion Ratio Lower Upper

105 100

120 50.2 36.3 54.5



#64

1,3-Dichlorobenzene

Concen: 1.412 ug/L

RT: 13.451 min Scan# 2017

Delta R.T. -0.006 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

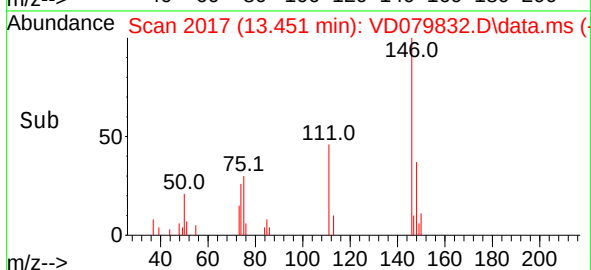
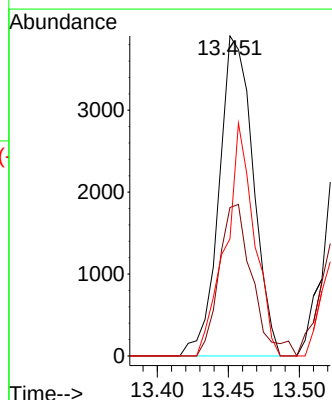
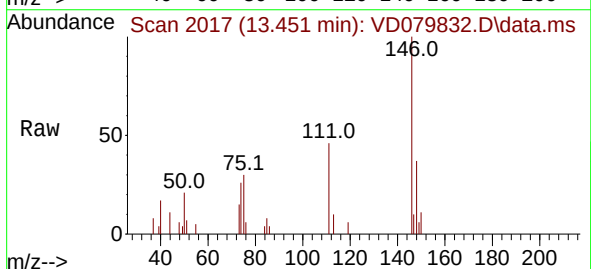
Tgt Ion:146 Resp: 6530

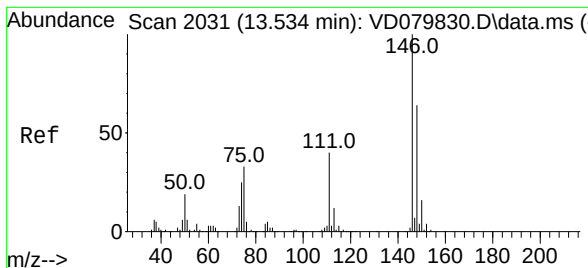
Ion Ratio Lower Upper

146 100

111 46.4 27.4 50.8

148 36.6 45.6 84.8#

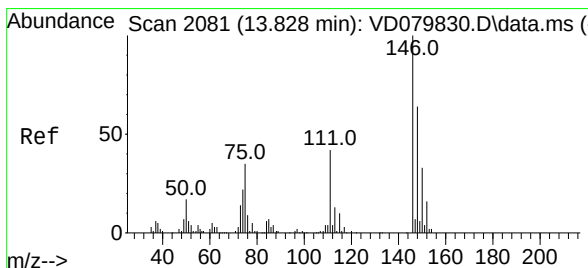
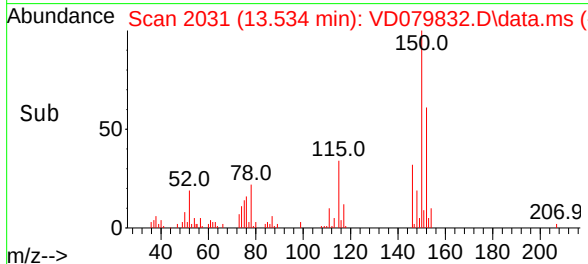
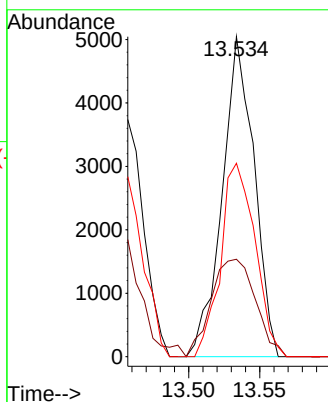
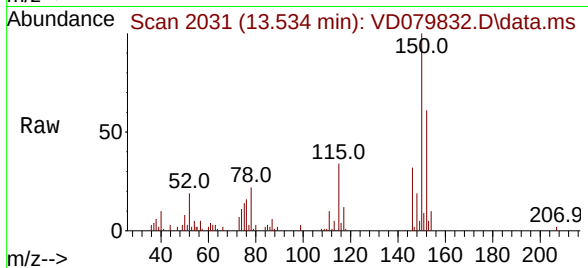




#65
1,4-Dichlorobenzene
Concen: 1.626 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

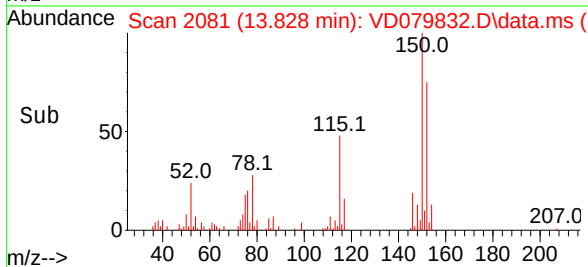
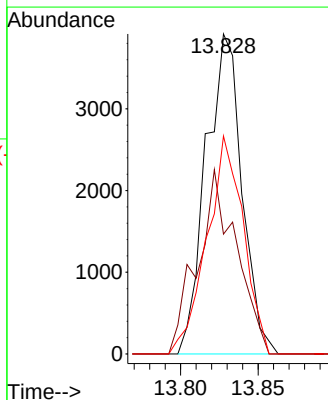
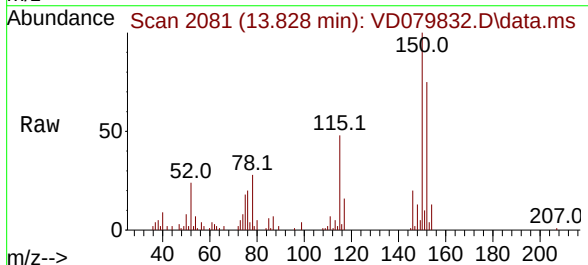
Instrument :
MSVOA_D
ClientSampleId :

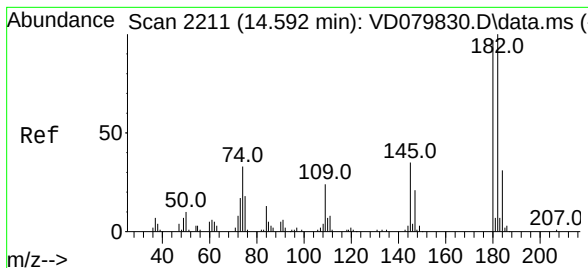
Tgt Ion	Ratio	Lower	Upper
146	100		
111	30.5	27.6	51.4
148	60.4	46.1	85.7



#67
1,2-Dichlorobenzene
Concen: 1.509 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	36.9	55.3
148	68.1	51.8	77.8





#69

1,3,5-Trichlorobenzene

Concen: 1.372 ug/L

RT: 15.098 min Scan# 2211

Delta R.T. 0.506 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 3846

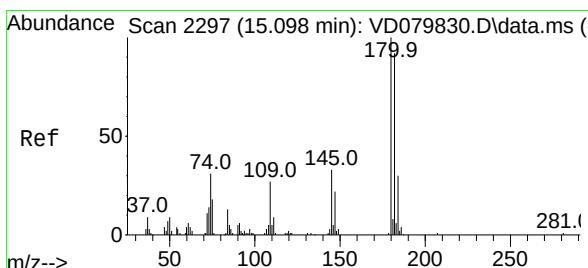
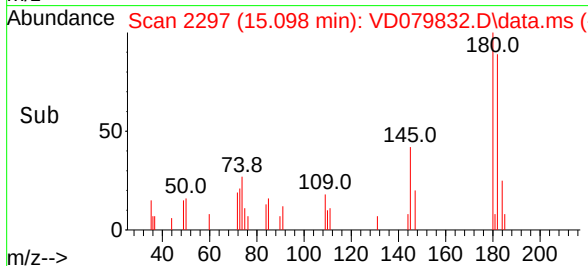
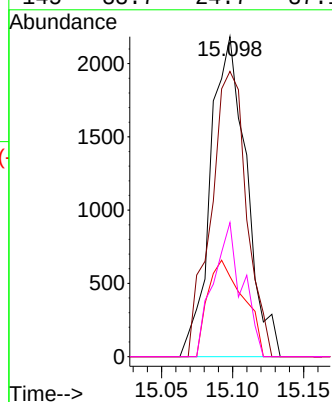
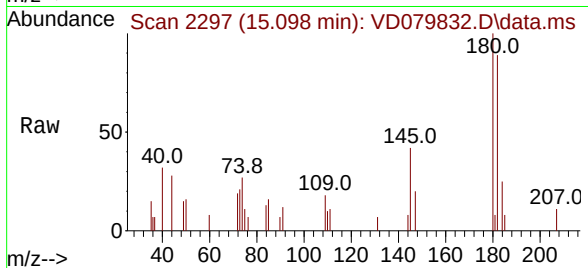
Ion Ratio Lower Upper

180 100

182 88.3 72.6 109.0

184 29.9 24.2 36.2

145 33.7 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 1.630 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079832.D

Acq: 13 Sep 2024 12:07

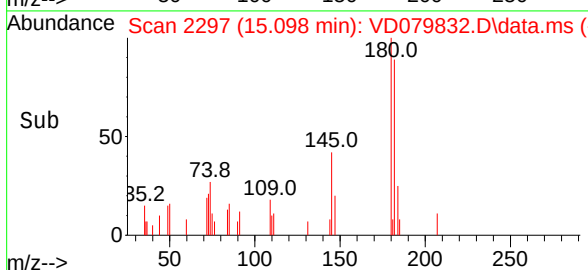
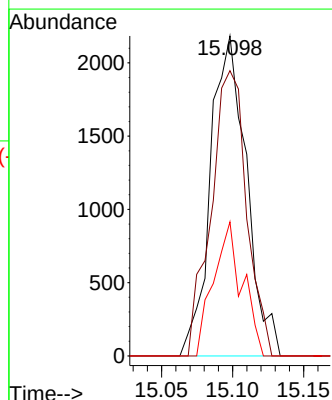
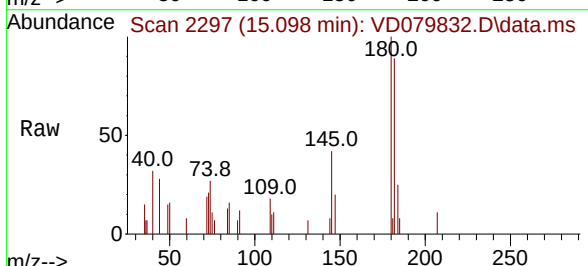
Tgt Ion:180 Resp: 3846

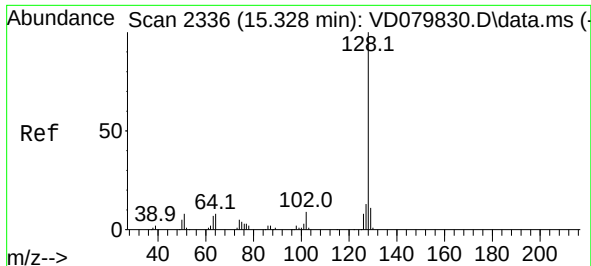
Ion Ratio Lower Upper

180 100

182 88.3 75.9 113.9

145 33.7 26.6 40.0

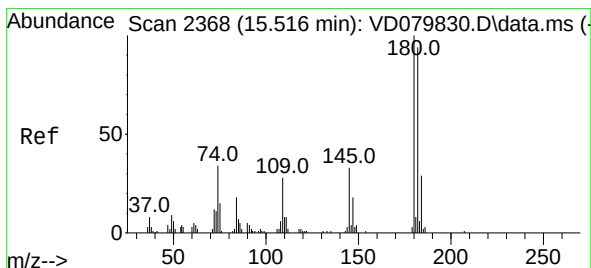
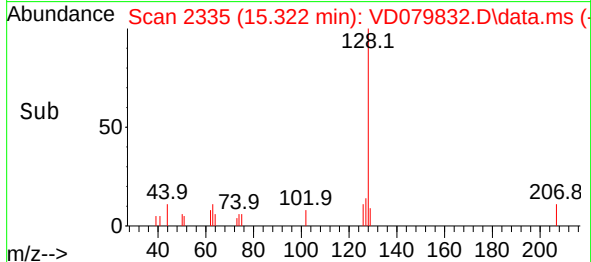
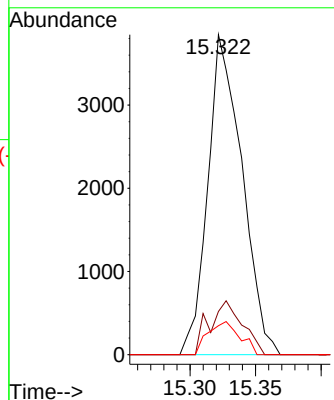
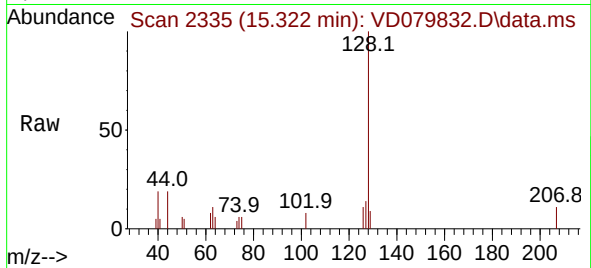




#71
Naphthalene
Concen: 1.323 ug/L
RT: 15.322 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	6973
Ion	Ratio	Lower	Upper
128	100		
127	12.5	11.2	16.8
129	9.6	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.386 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079832.D
Acq: 13 Sep 2024 12:07

Tgt Ion:	180	Resp:	2926
Ion	Ratio	Lower	Upper
180	100		
182	97.1	74.1	111.1
145	27.2	26.4	39.6

