

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078963.D
 Acq On : 17 May 2024 14:36
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 01:00:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:53:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	155214	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	160020	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	91017	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	99295	26.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.400%
7) Chloroethane-d5	2.799	69	109930	26.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.960%
11) 1,1-Dichloroethene-d2	3.922	65	18407	24.800	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.200%
21) 2-Butanone-d5	6.987	46	27643	51.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.660%
24) Chloroform-d	7.569	84	112578	24.364	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.440%
26) 1,2-Dichloroethane-d4	8.228	65	53537	24.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	8.198	84	212227	25.992	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.960%
36) 1,2-Dichloropropane-d6	9.210	67	66185	26.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.400%
41) Toluene-d8	10.269	98	195474	25.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.880%
43) trans-1,3-Dichloroprop...	10.528	79	27783	24.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.960%
47) 2-Hexanone-d5	10.875	63	25382	50.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70969	25.077	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	72377	23.429	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	68482	22.052	ug/L	100
3) Chloromethane	2.146	50	86975	22.825	ug/L	93
5) Vinyl chloride	2.281	62	142829	22.909	ug/L	94
6) Bromomethane	2.693	94	102091	22.898	ug/L	95
8) Chloroethane	2.834	64	110617	22.973	ug/L	94
9) Trichlorofluoromethane	3.169	101	121846	25.058	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	69484	22.543	ug/L	96
12) 1,1-Dichloroethene	3.934	96	59113	22.026	ug/L	97
13) Acetone	4.022	43	27789	42.715	ug/L	99
14) Carbon disulfide	4.269	76	158339	20.360	ug/L	96
15) Methyl Acetate	4.558	43	23798	22.514	ug/L	98
16) Methylene chloride	4.799	84	79949	21.745	ug/L	97
17) trans-1,2-Dichloroethene	5.310	96	65073	23.813	ug/L	92
18) Methyl tert-butyl Ether	5.316	73	141257	24.262	ug/L	97
19) 1,1-Dichloroethane	6.110	63	111951	24.391	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	75376	24.183	ug/L	99
22) 2-Butanone	7.081	43	35329	47.233	ug/L	99
23) Bromochloromethane	7.428	128	37132	23.842	ug/L	93
25) Chloroform	7.593	83	132086	23.942	ug/L	94

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 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:53:45 2024
 Response via : Initial Calibration

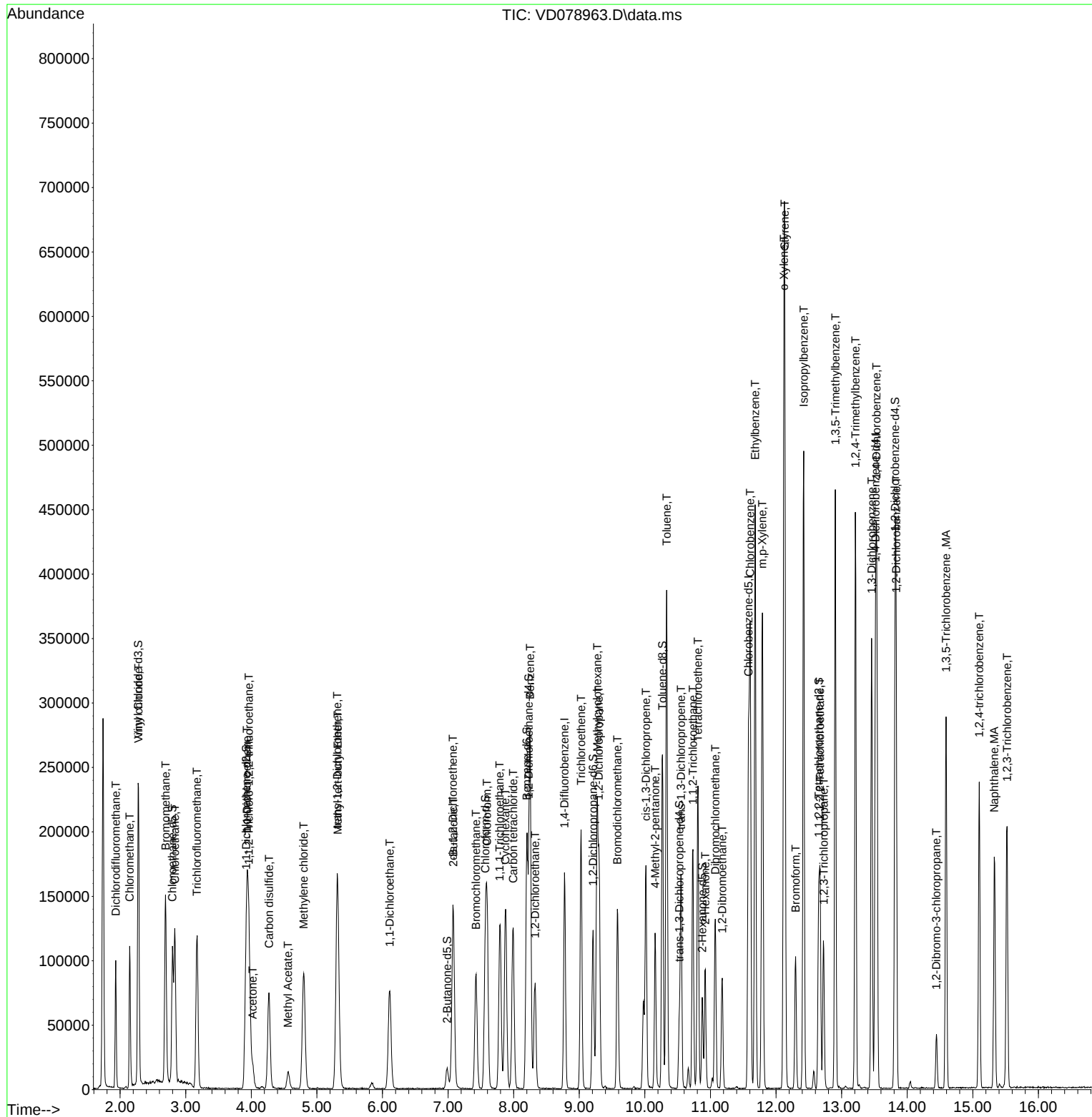
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	77428	24.232	ug/L	97
29) Cyclohexane	7.875	56	71313	23.188	ug/L	94
30) 1,1,1-Trichloroethane	7.787	97	109114	24.646	ug/L	98
31) Carbon tetrachloride	7.993	117	100111	24.558	ug/L	100
33) Benzene	8.251	78	274460	25.022	ug/L	100
34) Trichloroethene	9.028	95	69241	24.503	ug/L	98
35) Methylcyclohexane	9.275	83	97613	22.976	ug/L	98
37) 1,2-Dichloropropane	9.298	63	67843	24.406	ug/L #	96
38) Bromodichloromethane	9.581	83	97599	24.829	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	110016	25.229	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	69986	49.844	ug/L	100
42) Toluene	10.334	91	308536	25.585	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	95483	24.768	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	61967	24.379	ug/L #	87
46) Tetrachloroethene	10.810	164	56543	23.256	ug/L	97
48) 2-Hexanone	10.922	43	53419	49.077	ug/L	100
49) Dibromochloromethane	11.075	129	73682	23.843	ug/L	94
50) 1,2-Dibromoethane	11.181	107	57334	23.878	ug/L	92
51) Chlorobenzene	11.604	112	201302	23.628	ug/L	97
52) Ethylbenzene	11.681	91	324311	24.917	ug/L	100
53) m,p-Xylene	11.792	106	131139	25.186	ug/L	99
54) o-Xylene	12.122	106	126159	24.877	ug/L	97
55) Styrene	12.134	104	228512	25.499	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	75684	24.549	ug/L	99
59) Bromoform	12.298	173	46789	22.714	ug/L	98
60) Isopropylbenzene	12.422	105	326280	24.248	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	47797	22.910	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	240957	24.226	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	241888	23.933	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	150357	23.007	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	160658	22.802	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	142113	22.976	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	10194	23.456	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	94452	22.253	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	78643	21.887	ug/L	98
71) Naphthalene	15.328	128	164228	22.402	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	74775	22.265	ug/L	96

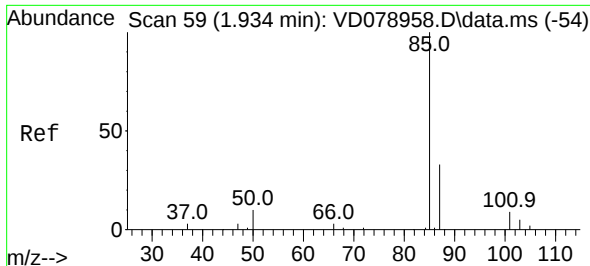
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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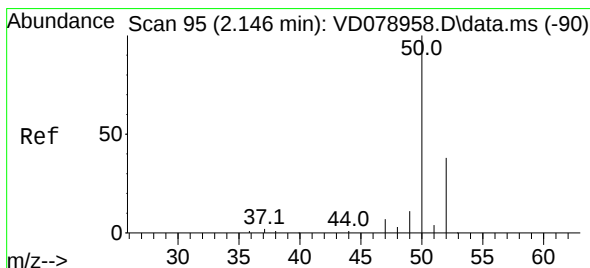
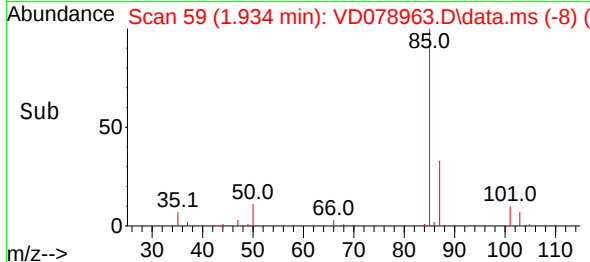
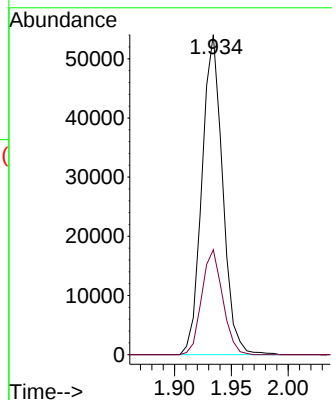
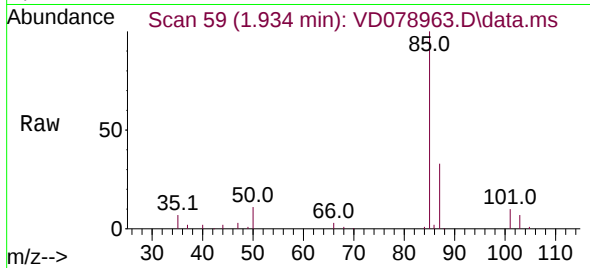




#2
Dichlorodifluoromethane
Concen: 22.052 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

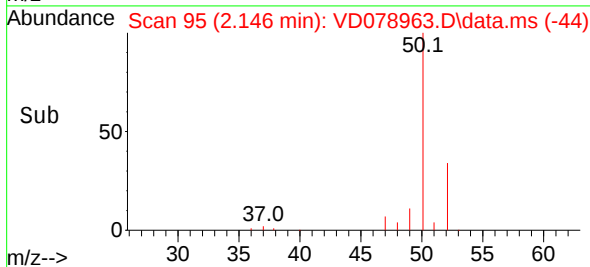
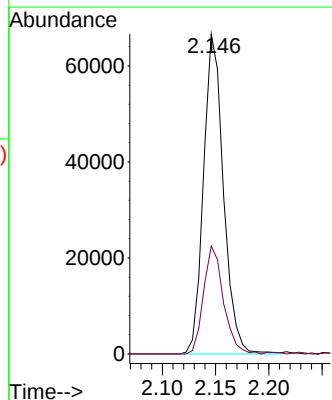
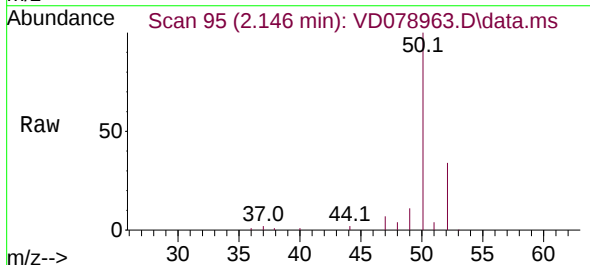
Instrument :
MSVOA_D
ClientSampleId :

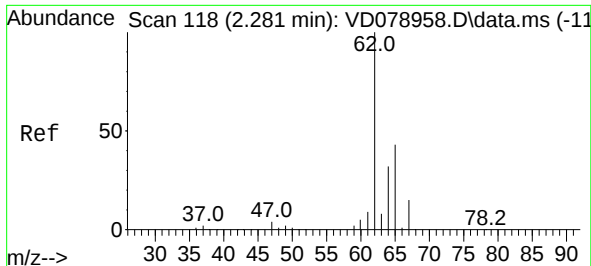
Tgt Ion: 85 Resp: 68482
Ion Ratio Lower Upper
85 100
87 33.1 26.3 39.5



#3
Chloromethane
Concen: 22.825 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Tgt Ion: 50 Resp: 86975
Ion Ratio Lower Upper
50 100
52 33.7 26.5 49.3

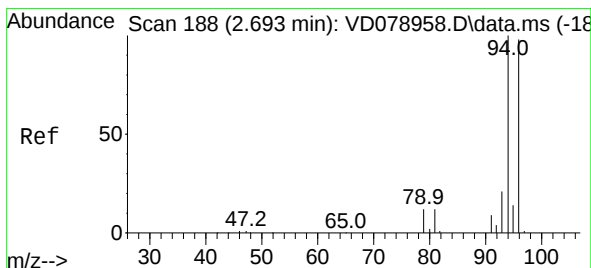
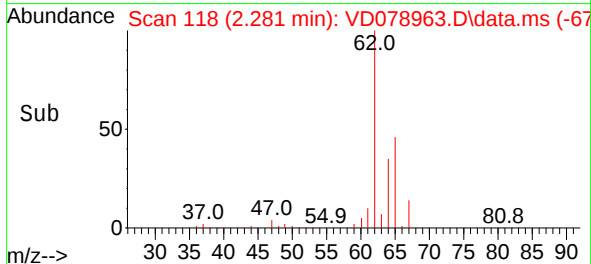
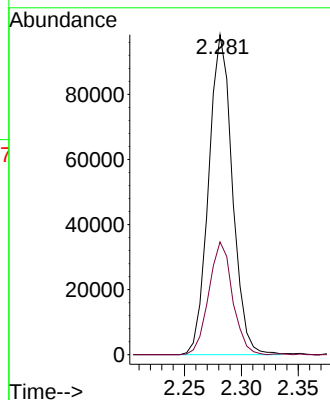
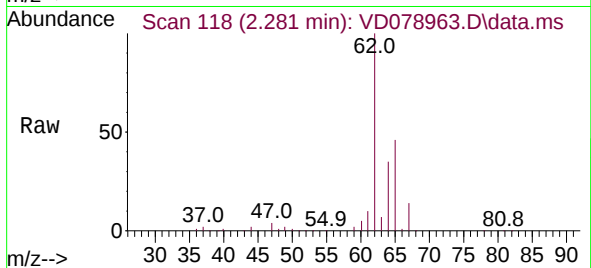




#5
 Vinyl chloride
 Concen: 22.909 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD078963.D
 Acq: 17 May 2024 14:36

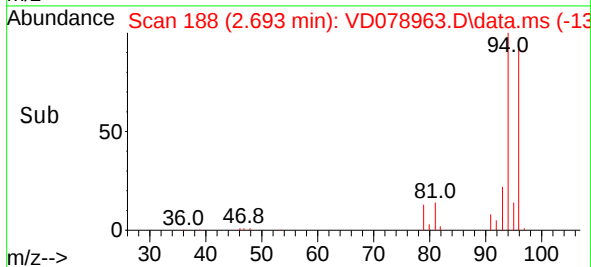
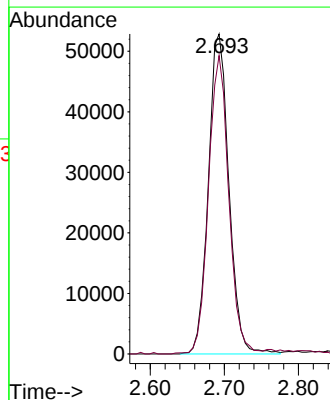
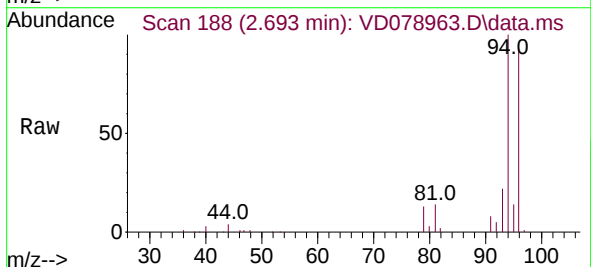
Instrument :
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 ClientSampleId :

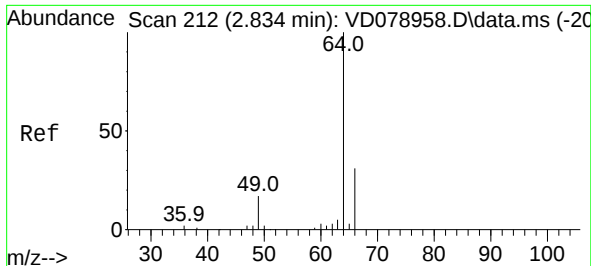
Tgt Ion: 62 Resp: 142829
 Ion Ratio Lower Upper
 62 100
 64 35.3 22.3 41.3



#6
 Bromomethane
 Concen: 22.898 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD078963.D
 Acq: 17 May 2024 14:36

Tgt Ion: 94 Resp: 102091
 Ion Ratio Lower Upper
 94 100
 96 93.2 69.0 128.1

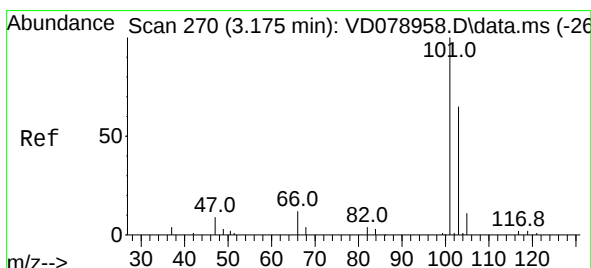
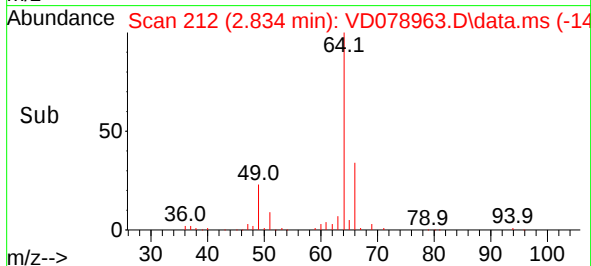
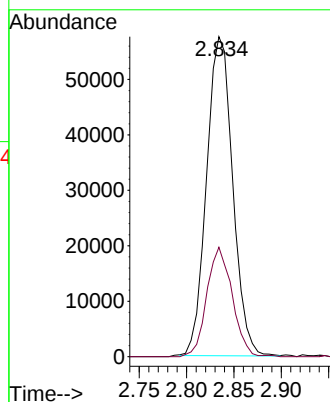
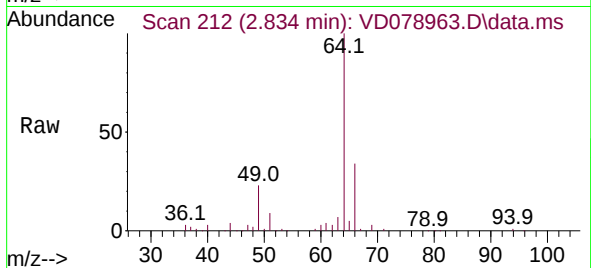




#8
Chloroethane
Concen: 22.973 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

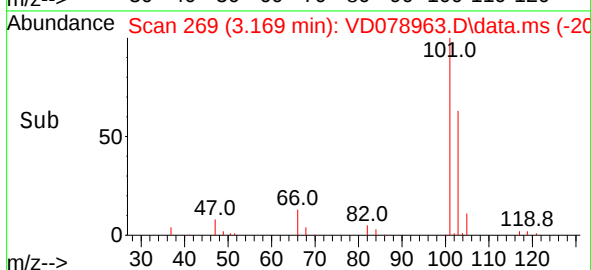
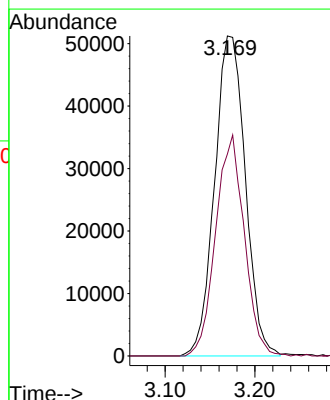
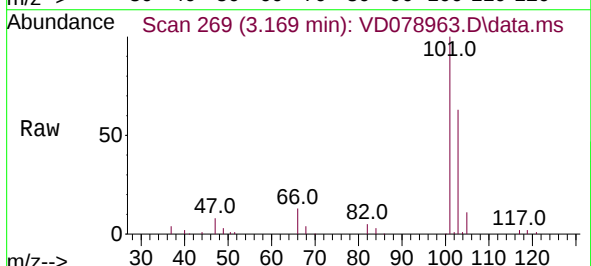
Instrument :
MSVOA_D
ClientSampleId :

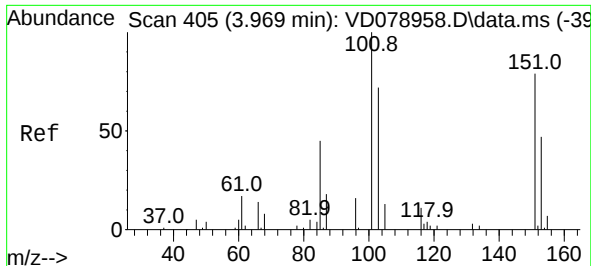
Tgt Ion: 64 Resp: 110617
Ion Ratio Lower Upper
64 100
66 34.2 21.5 39.9



#9
Trichlorofluoromethane
Concen: 25.058 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Tgt Ion:101 Resp: 121846
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9





#10

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

Concen: 22.543 ug/L

RT: 3.963 min Scan# 405

Delta R.T. -0.006 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :

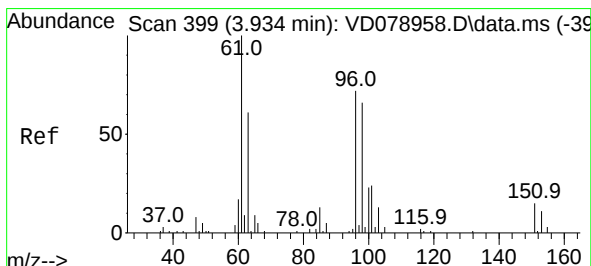
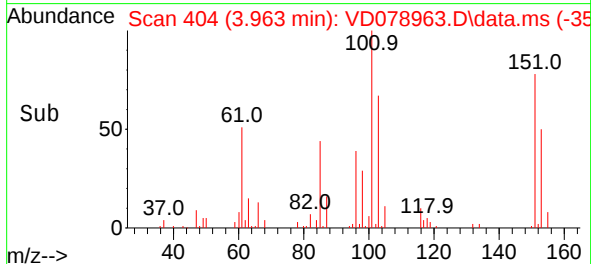
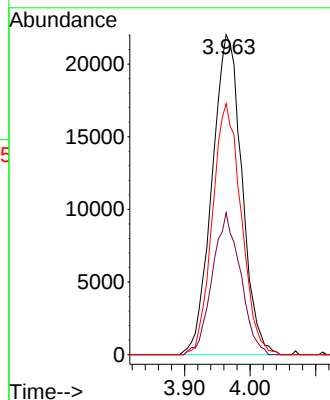
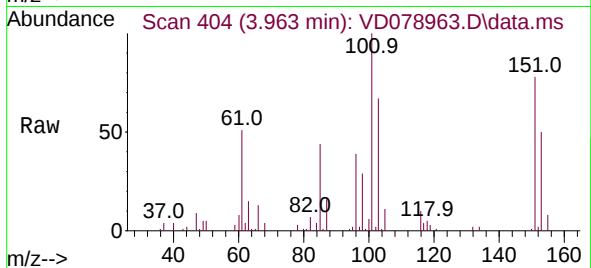
Tgt Ion:101 Resp: 69484

Ion Ratio Lower Upper

101 100

85 41.8 36.2 54.2

151 75.9 62.9 94.3



#12

1,1-Dichloroethene

Concen: 22.026 ug/L

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

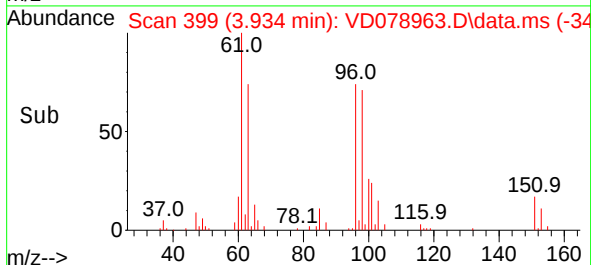
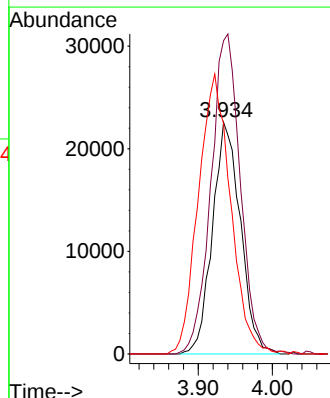
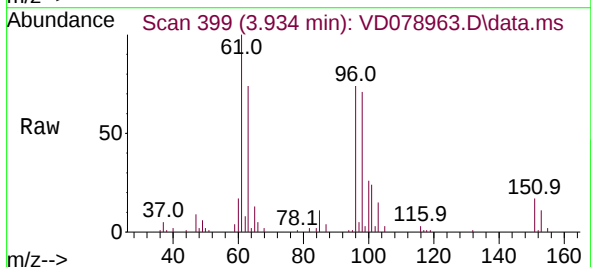
Tgt Ion: 96 Resp: 59113

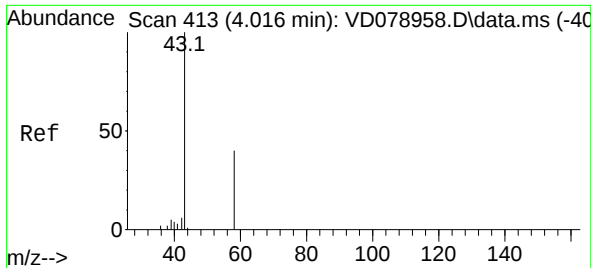
Ion Ratio Lower Upper

96 100

61 135.3 98.6 183.0

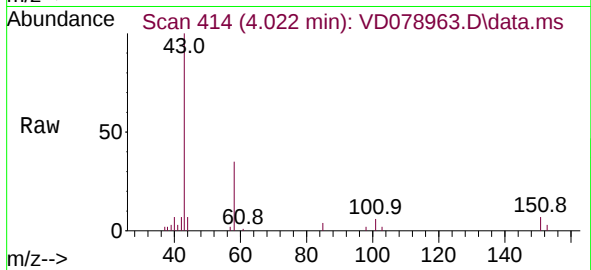
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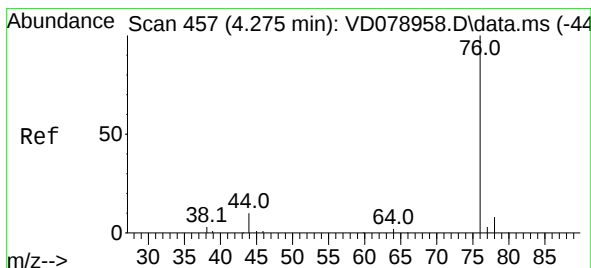
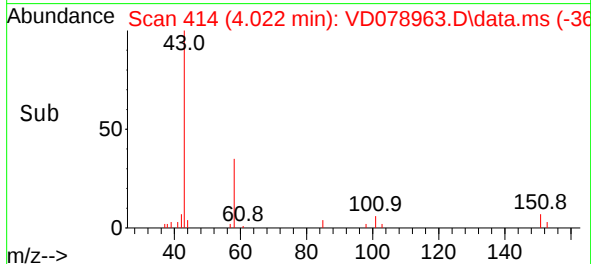
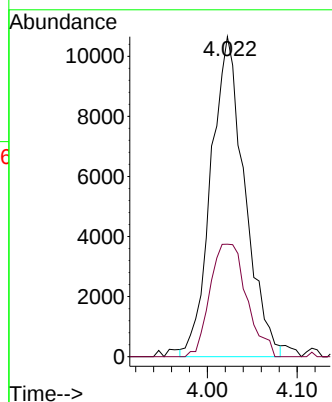


#13
Acetone
Concen: 42.715 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD078963.D
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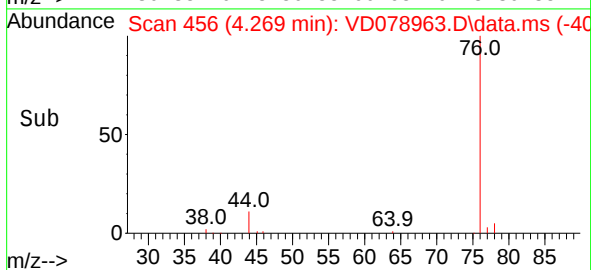
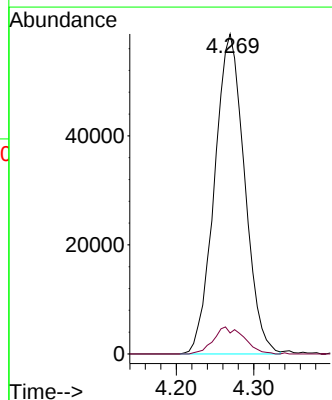
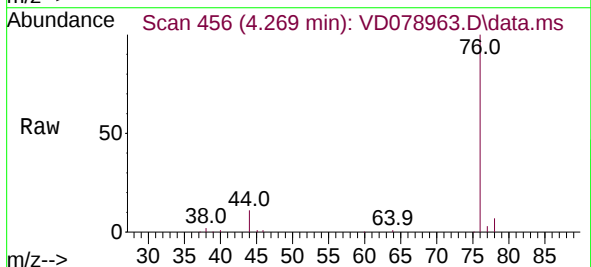


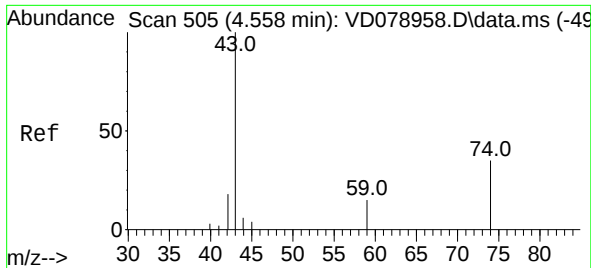
Tgt Ion: 43 Resp: 27789
Ion Ratio Lower Upper
43 100
58 38.3 0.0 75.0



#14
Carbon disulfide
Concen: 20.360 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Tgt Ion: 76 Resp: 158339
Ion Ratio Lower Upper
76 100
78 6.6 6.5 9.7

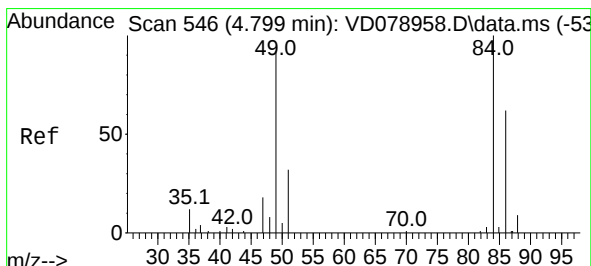
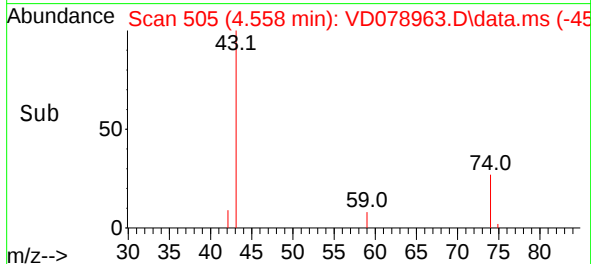
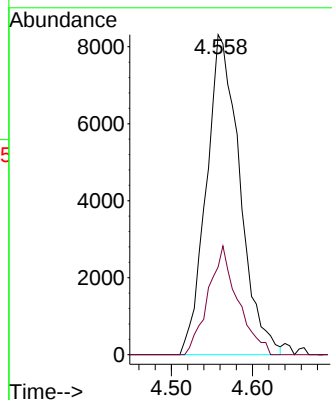
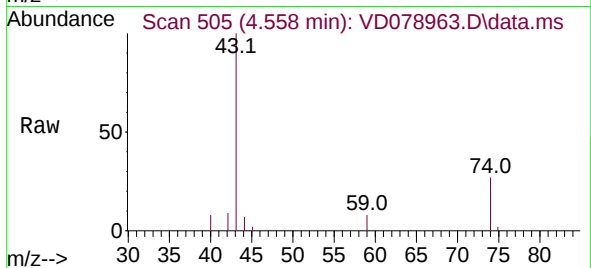




#15
Methyl Acetate
Concen: 22.514 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

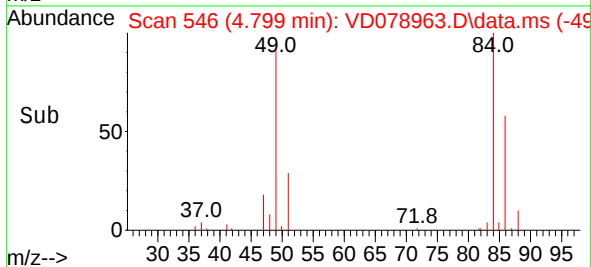
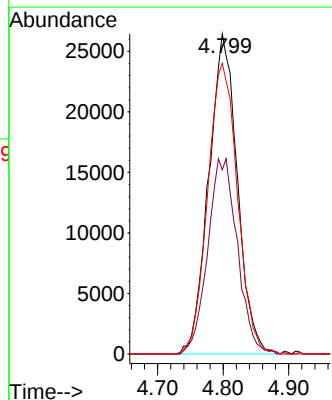
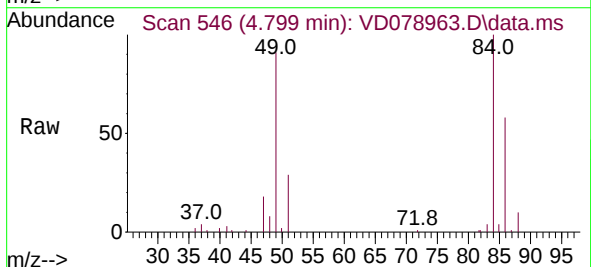
Instrument :
MSVOA_D
ClientSampleId :

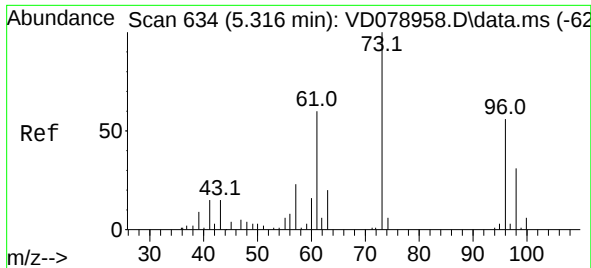
Tgt Ion: 43 Resp: 23798
Ion Ratio Lower Upper
43 100
74 30.1 25.1 37.7



#16
Methylene chloride
Concen: 21.745 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Tgt Ion: 84 Resp: 79949
Ion Ratio Lower Upper
84 100
86 57.5 43.7 81.1
49 90.9 64.0 119.0

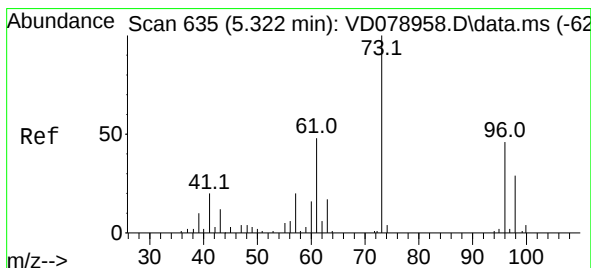
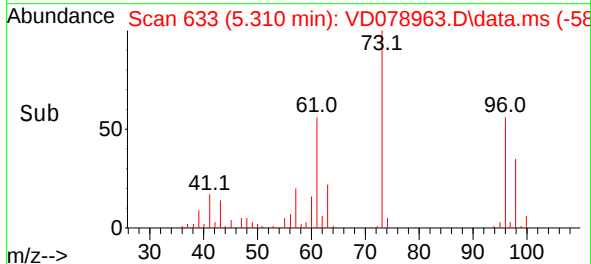
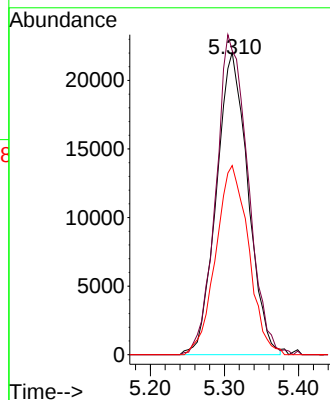
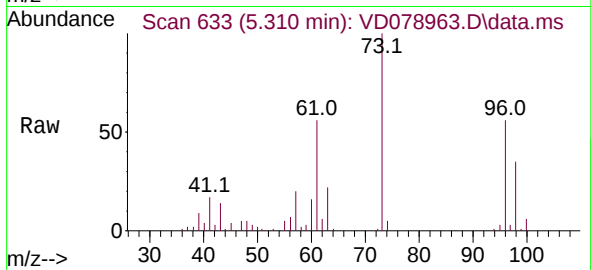




#17
trans-1,2-Dichloroethene
Concen: 23.813 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

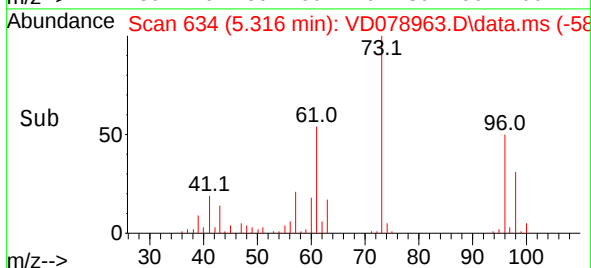
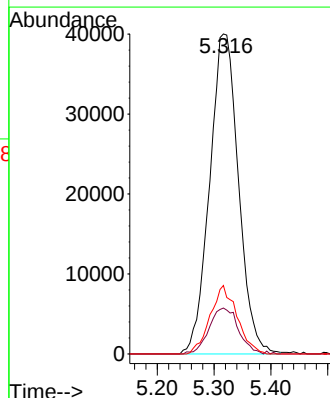
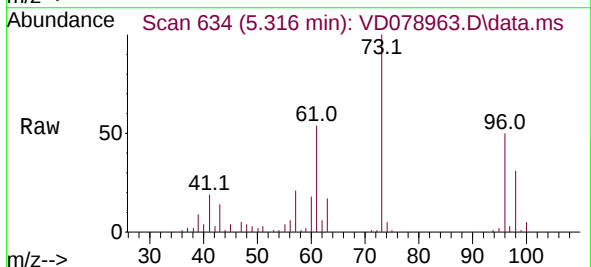
Instrument :
MSVOA_D
ClientSampleId :

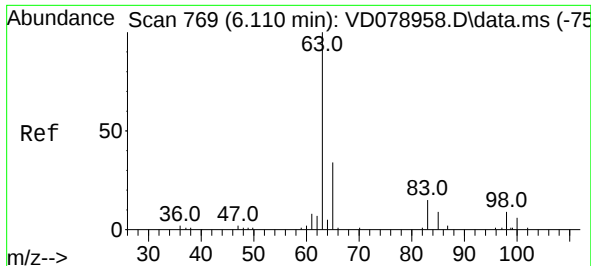
Tgt Ion: 96 Resp: 65073
Ion Ratio Lower Upper
96 100
61 100.6 75.5 140.1
98 62.6 39.1 72.7



#18
Methyl tert-butyl Ether
Concen: 24.262 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Tgt Ion: 73 Resp: 141257
Ion Ratio Lower Upper
73 100
43 9.6 6.7 10.1
57 19.9 16.8 25.2





#19

1,1-Dichloroethane

Concen: 24.391 ug/L

RT: 6.110 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :

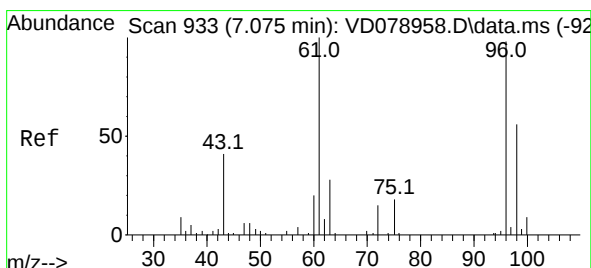
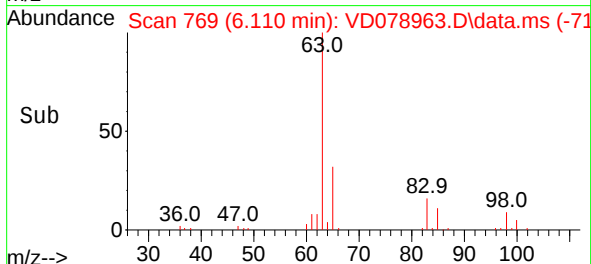
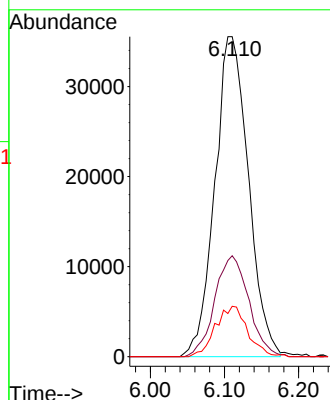
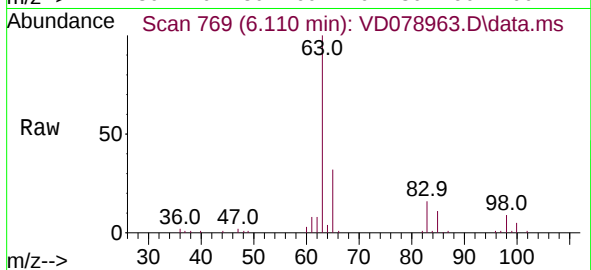
Tgt Ion: 63 Resp: 111951

Ion Ratio Lower Upper

63 100

65 31.6 23.5 43.7

83 15.7 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 24.183 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

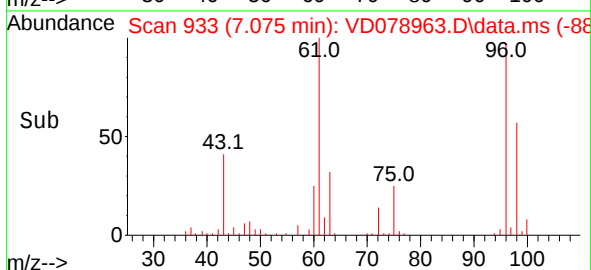
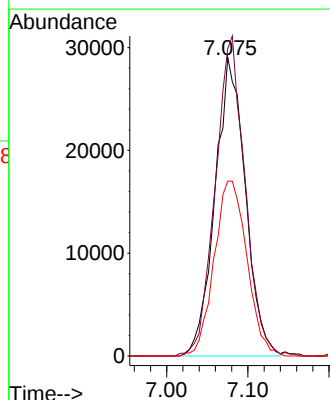
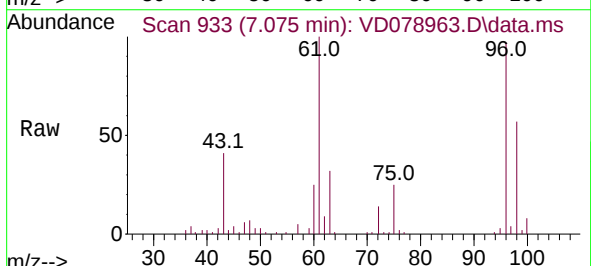
Tgt Ion: 96 Resp: 75376

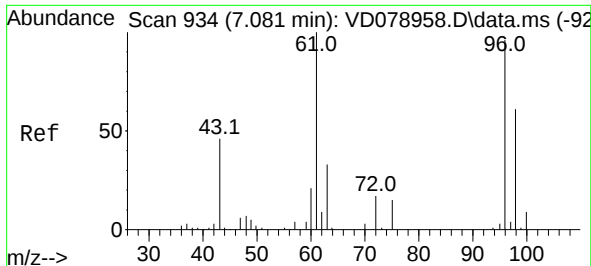
Ion Ratio Lower Upper

96 100

61 102.8 71.6 133.0

98 58.6 40.1 74.5





#22

2-Butanone

Concen: 47.233 ug/L

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

Instrument :

MSVOA_D

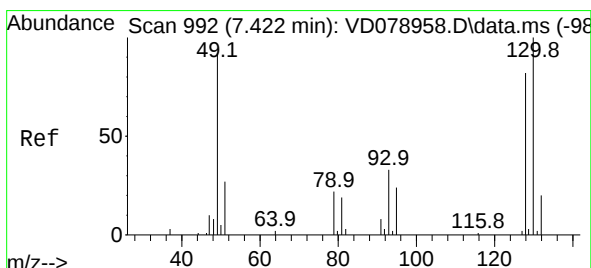
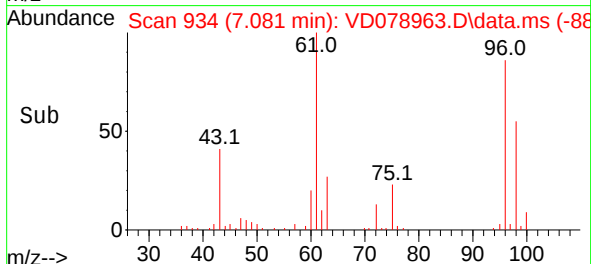
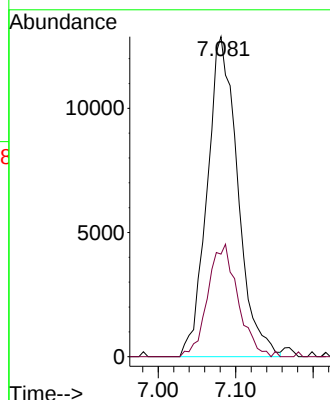
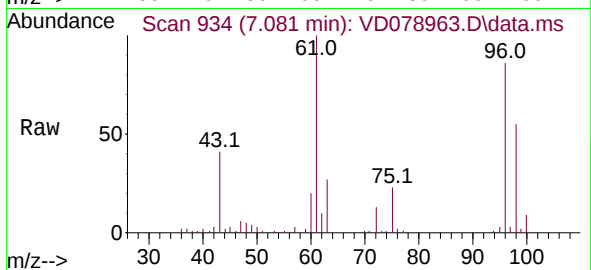
ClientSampleId :

Tgt Ion: 43 Resp: 35329

Ion Ratio Lower Upper

43 100

72 34.4 17.1 51.2



#23

Bromochloromethane

Concen: 23.842 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

Tgt Ion:128 Resp: 37132

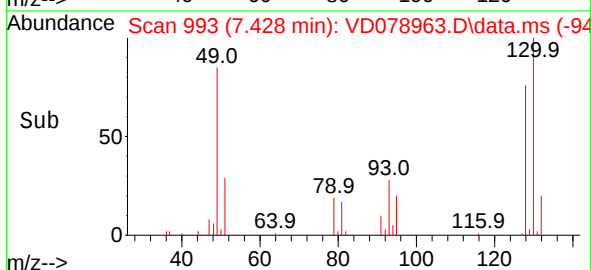
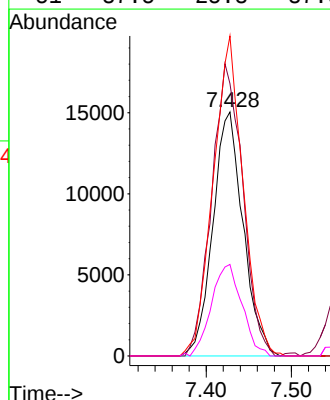
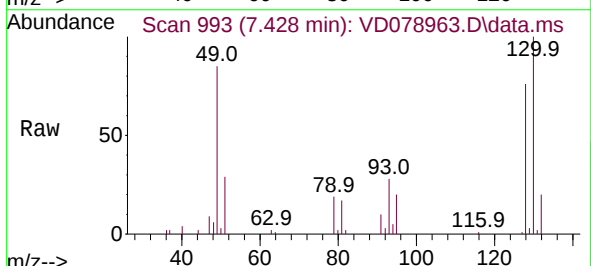
Ion Ratio Lower Upper

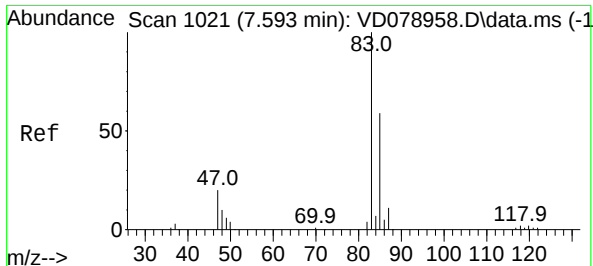
128 100

49 111.6 77.3 143.5

130 131.1 83.4 154.8

51 37.5 25.3 37.9

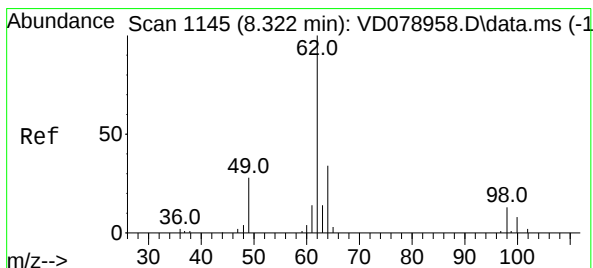
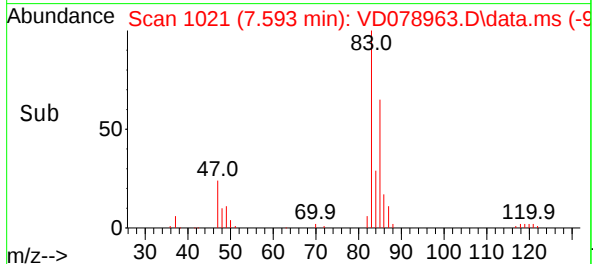
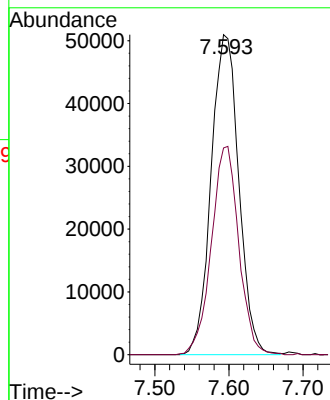
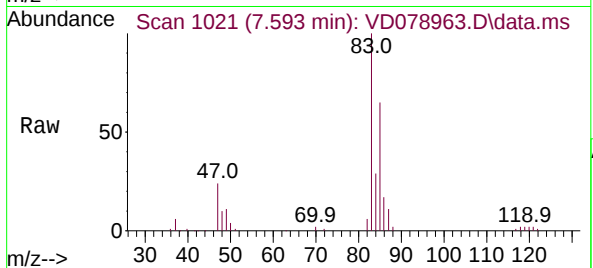




#25
Chloroform
Concen: 23.942 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

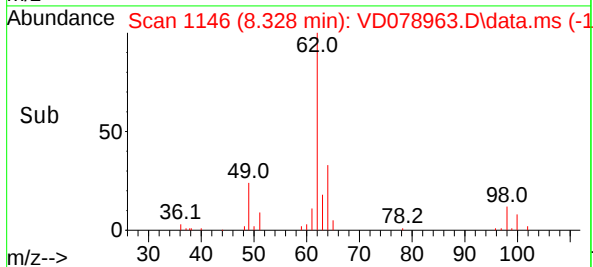
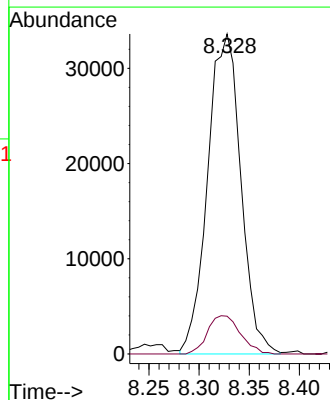
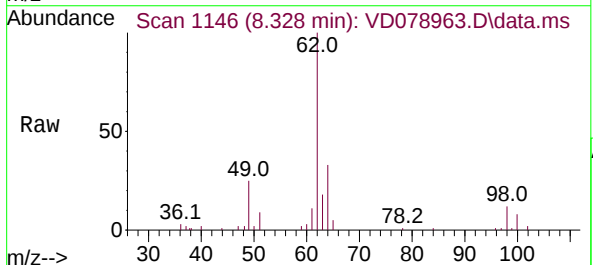
Instrument :
MSVOA_D
ClientSampleId :

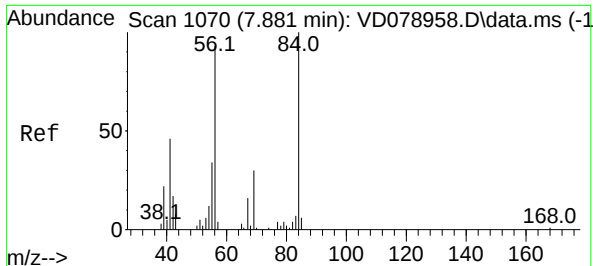
Tgt Ion: 83 Resp: 132086
Ion Ratio Lower Upper
83 100
85 64.6 41.8 77.6



#27
1,2-Dichloroethane
Concen: 24.232 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

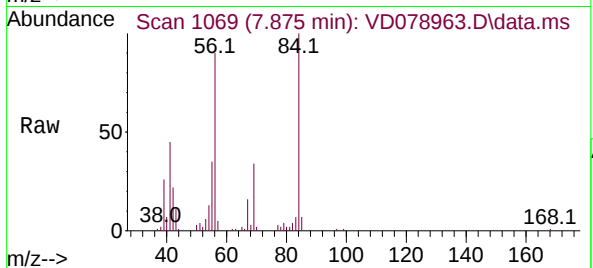
Tgt Ion: 62 Resp: 77428
Ion Ratio Lower Upper
62 100
98 11.8 10.2 15.4





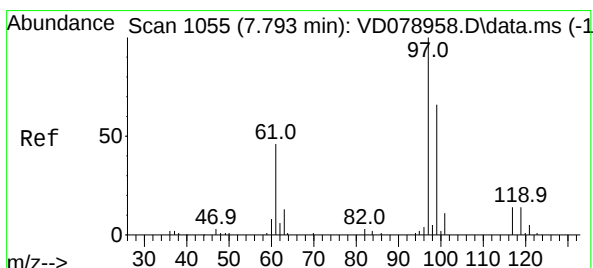
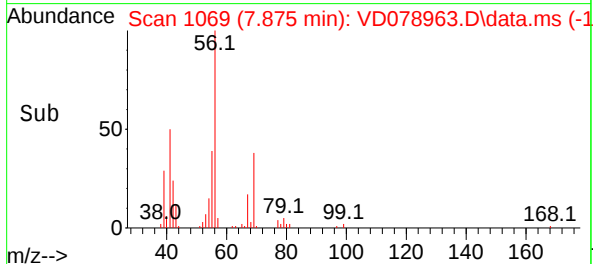
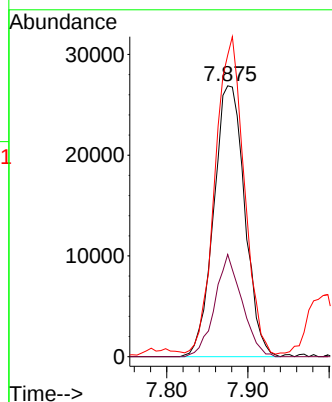
#29
Cyclohexane
Concen: 23.188 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 56 Resp: 71313

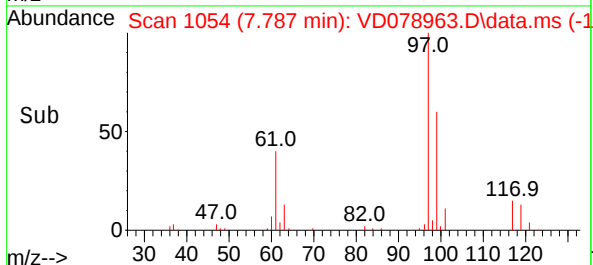
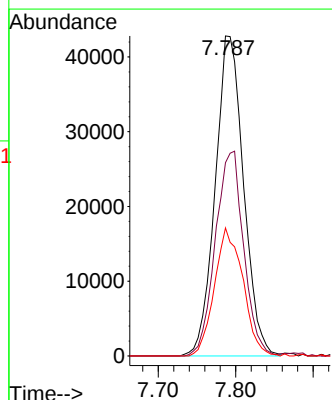
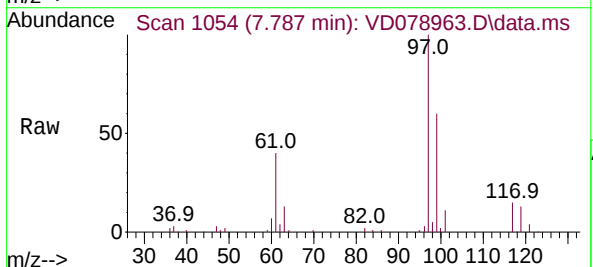
Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.2	37.8
84	111.7	83.4	125.2

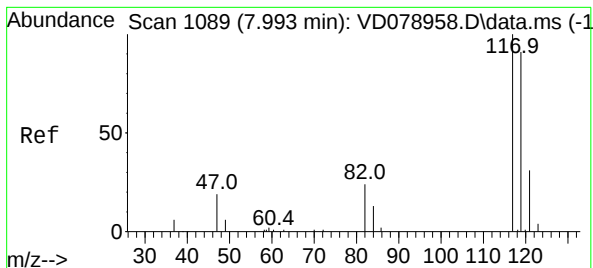


#30
1,1,1-Trichloroethane
Concen: 24.646 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Tgt Ion: 97 Resp: 109114

Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.6	78.8
61	40.0	32.6	48.8





#31

Carbon tetrachloride

Concen: 24.558 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

Instrument :

MSVOA_D

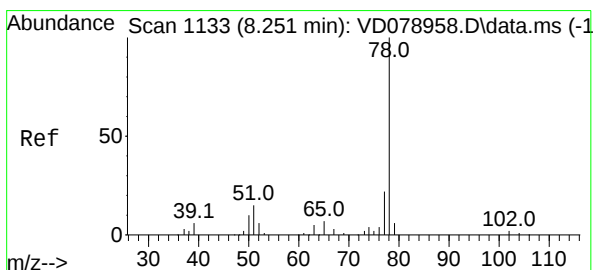
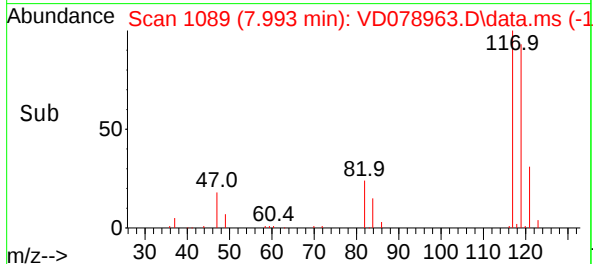
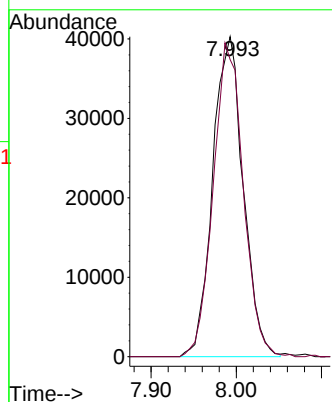
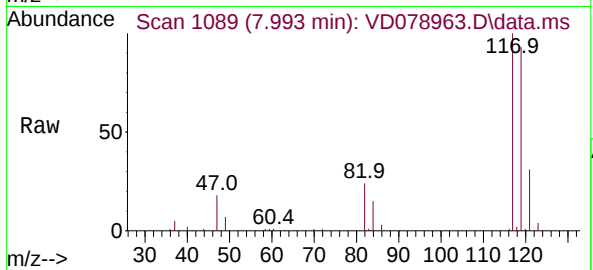
ClientSampleId :

Tgt Ion:117 Resp: 100111

Ion Ratio Lower Upper

117 100

119 96.6 77.7 116.5



#33

Benzene

Concen: 25.022 ug/L

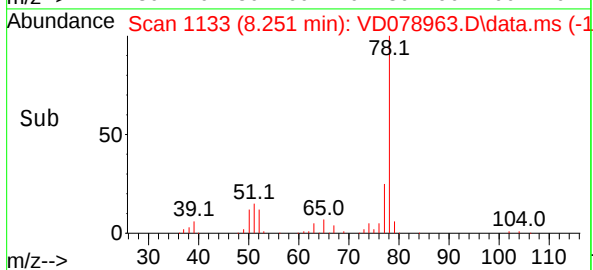
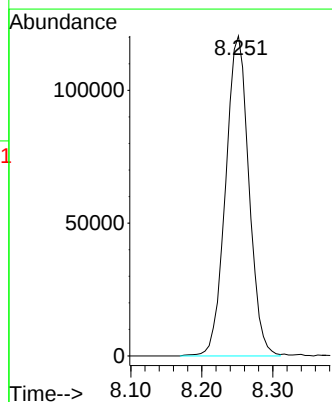
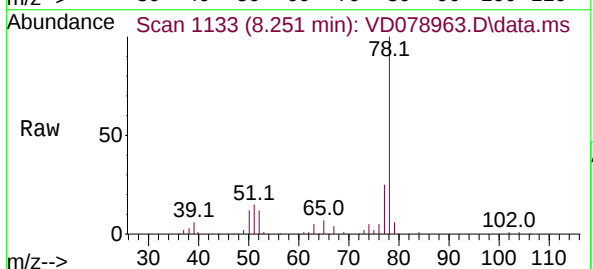
RT: 8.251 min Scan# 1133

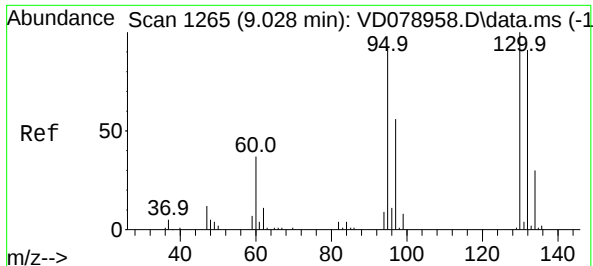
Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

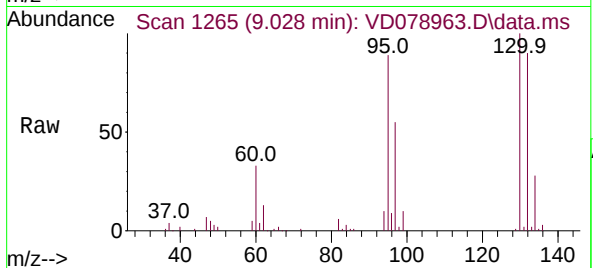
Tgt Ion: 78 Resp: 274460



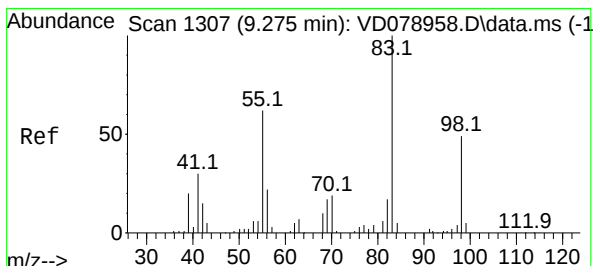
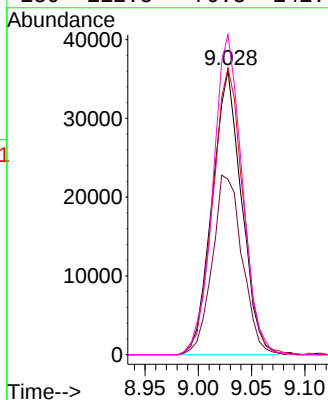
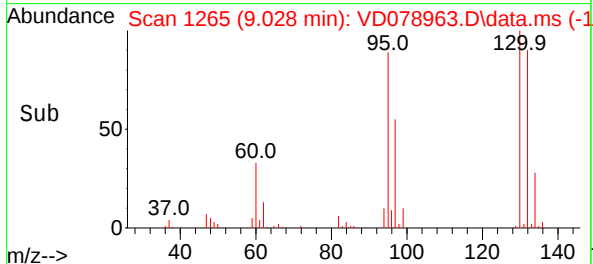


#34
Trichloroethene
Concen: 24.503 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

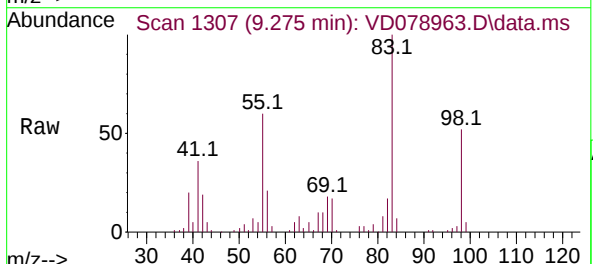
Instrument :
MSVOA_D
ClientSampleId :



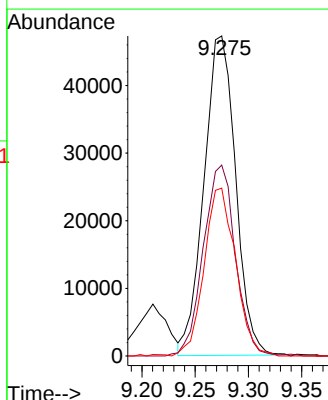
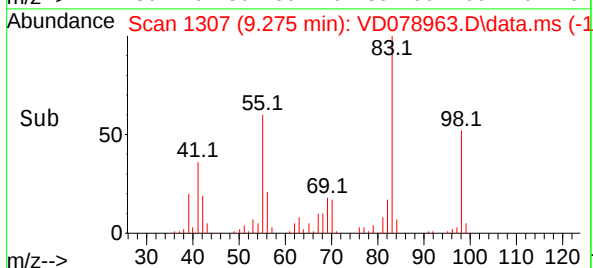
Tgt Ion: 95 Resp: 69241
Ion Ratio Lower Upper
95 100
97 61.7 42.6 79.2
132 100.8 69.5 129.1
130 112.5 76.3 141.7

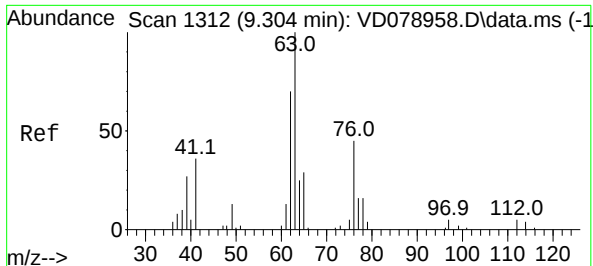


#35
Methylcyclohexane
Concen: 22.976 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36



Tgt Ion: 83 Resp: 97613
Ion Ratio Lower Upper
83 100
55 60.4 49.0 73.6
98 52.2 40.1 60.1

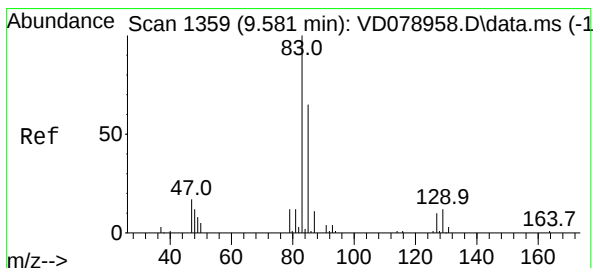
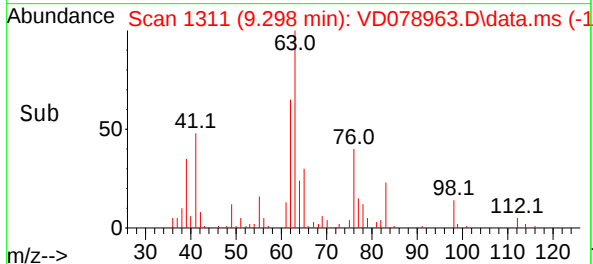
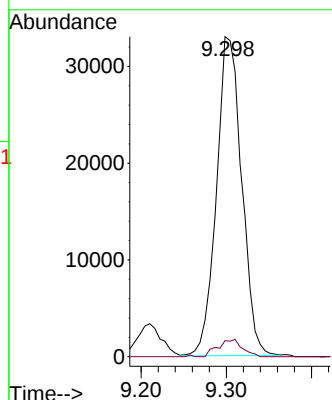
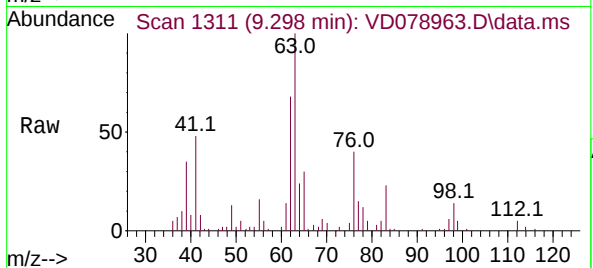




#37
1,2-Dichloropropane
Concen: 24.406 ug/L
RT: 9.298 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

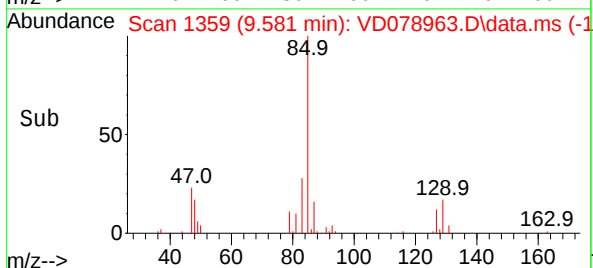
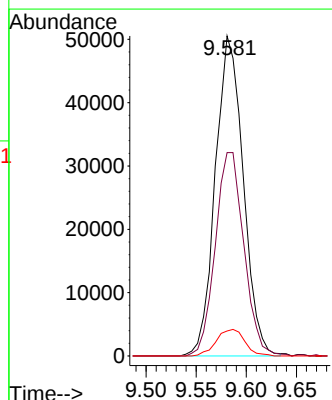
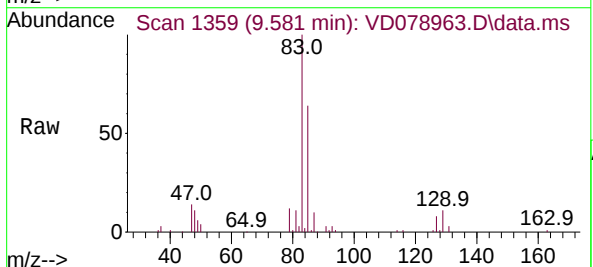
Instrument :
MSVOA_D
ClientSampleId :

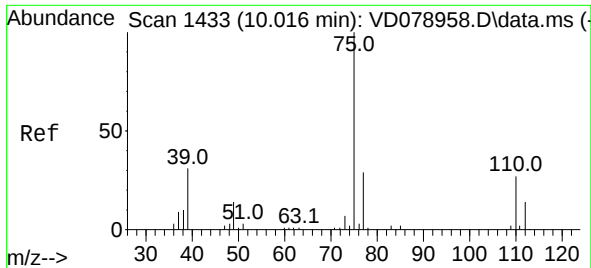
Tgt Ion: 63 Resp: 67843
Ion Ratio Lower Upper
63 100
112 3.9 4.1 6.1#



#38
Bromodichloromethane
Concen: 24.829 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Tgt Ion: 83 Resp: 97599
Ion Ratio Lower Upper
83 100
85 63.5 45.4 84.4
127 7.8 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 25.229 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

Instrument :

MSVOA_D

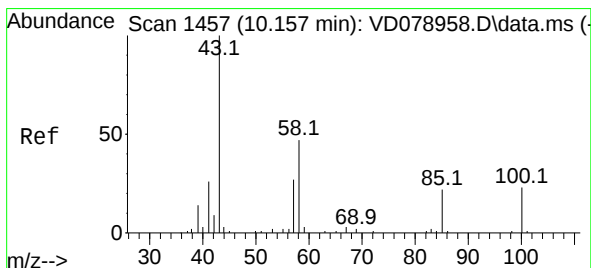
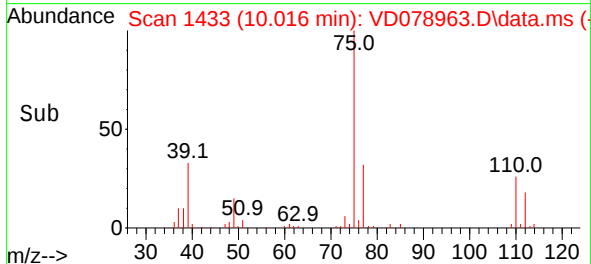
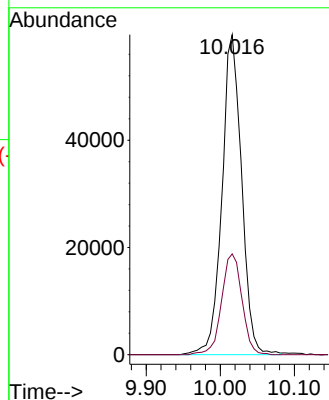
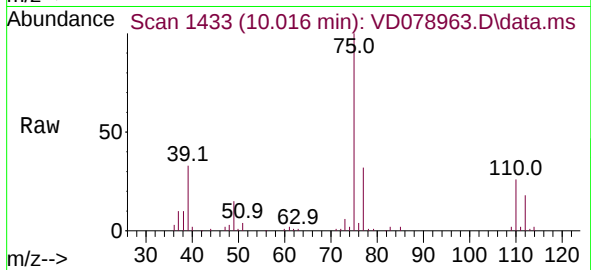
ClientSampleId :

Tgt Ion: 75 Resp: 110016

Ion Ratio Lower Upper

75 100

77 31.5 20.0 37.2



#40

4-Methyl-2-pentanone

Concen: 49.844 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

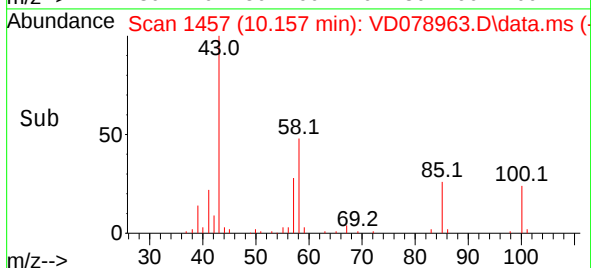
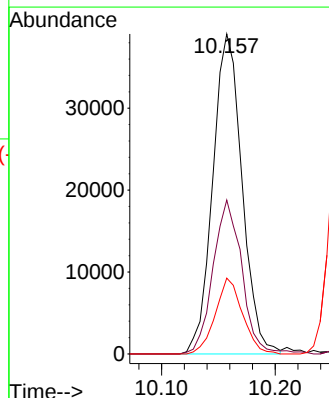
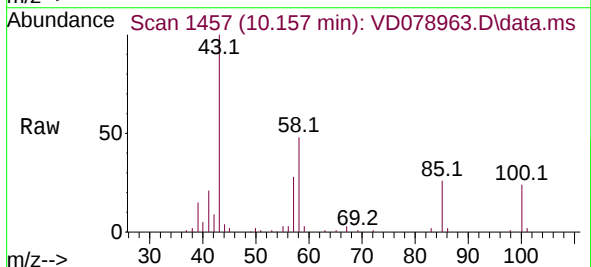
Tgt Ion: 43 Resp: 69986

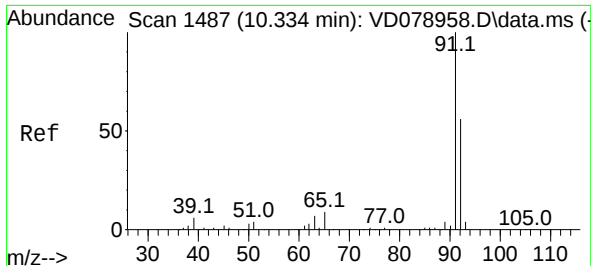
Ion Ratio Lower Upper

43 100

58 47.5 38.0 57.0

100 22.1 17.3 25.9





#42

Toluene

Concen: 25.585 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

Instrument :

MSVOA_D

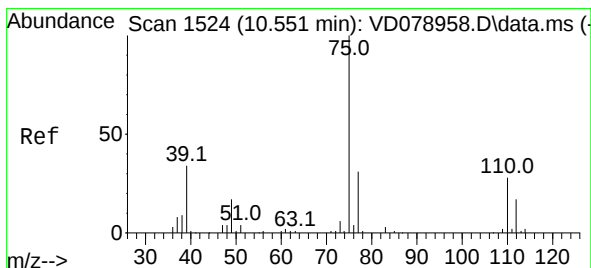
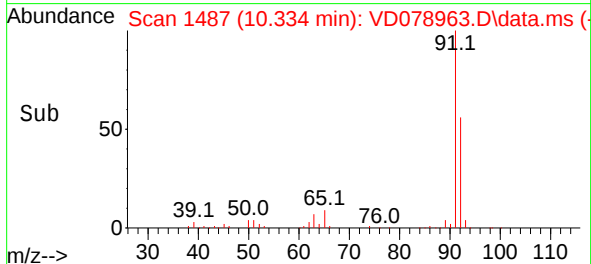
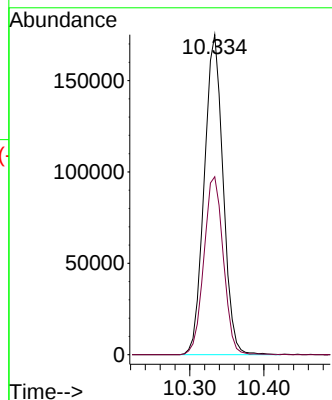
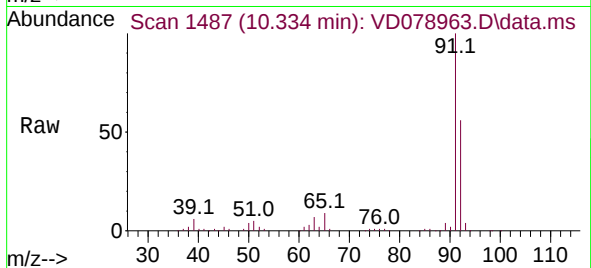
ClientSampleId :

Tgt Ion: 91 Resp: 308536

Ion Ratio Lower Upper

91 100

92 55.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 24.768 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078963.D

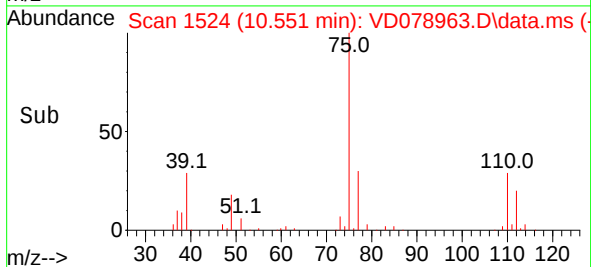
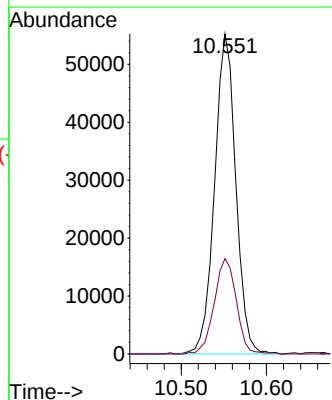
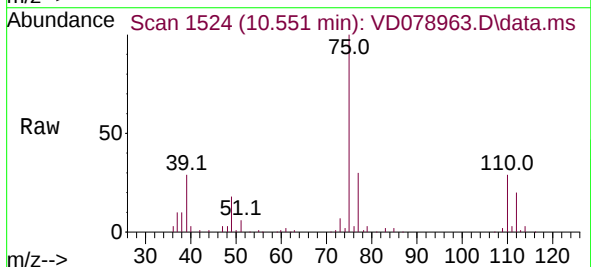
Acq: 17 May 2024 14:36

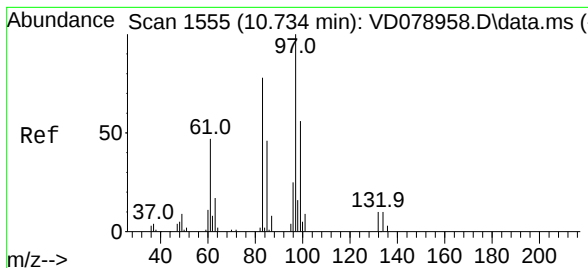
Tgt Ion: 75 Resp: 95483

Ion Ratio Lower Upper

75 100

77 29.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 24.379 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

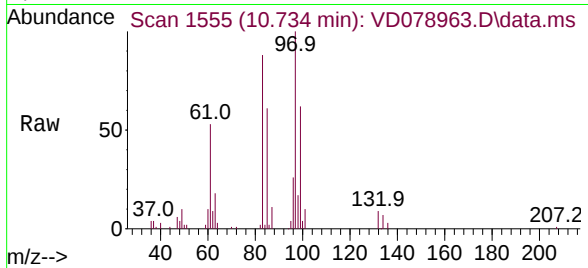
Lab File: VD078963.D

Acq: 17 May 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 61967

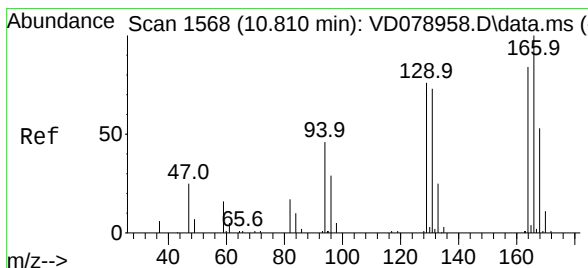
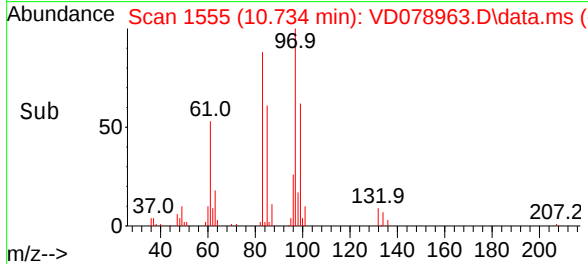
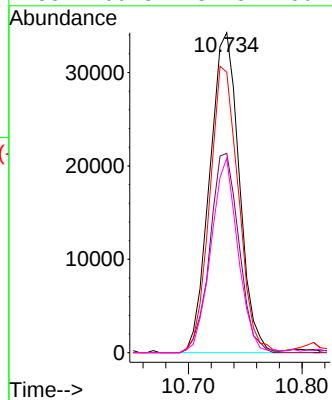
Ion Ratio Lower Upper

97 100

99 62.3 39.1 72.7

83 87.6 54.6 101.4

85 60.8 32.5 60.3#



#46

Tetrachloroethene

Concen: 23.256 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

Tgt Ion:164 Resp: 56543

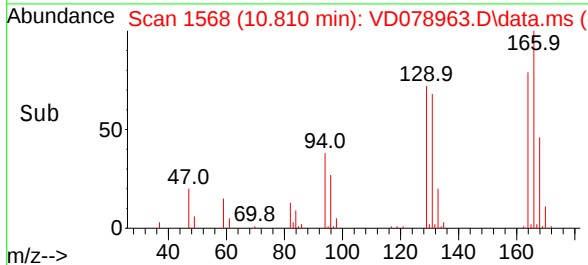
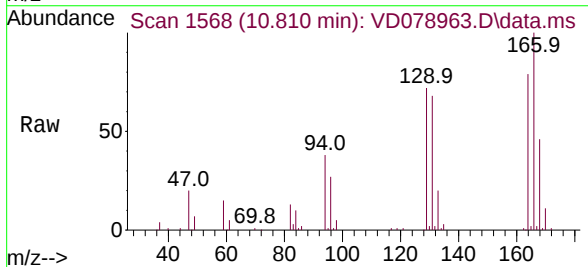
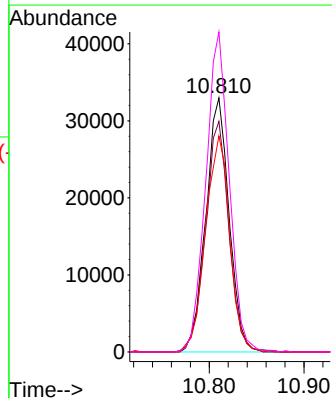
Ion Ratio Lower Upper

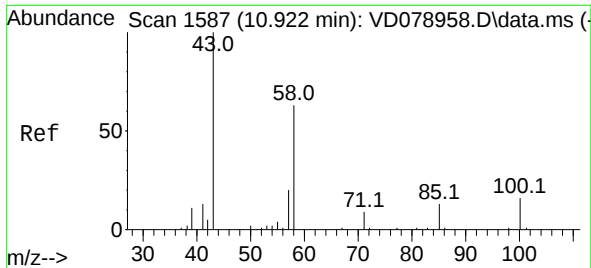
164 100

129 90.7 63.3 117.7

131 85.0 60.8 112.8

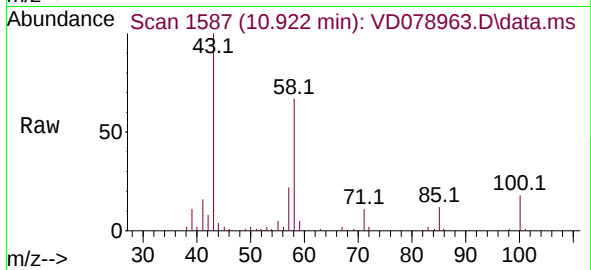
166 126.0 83.7 155.4



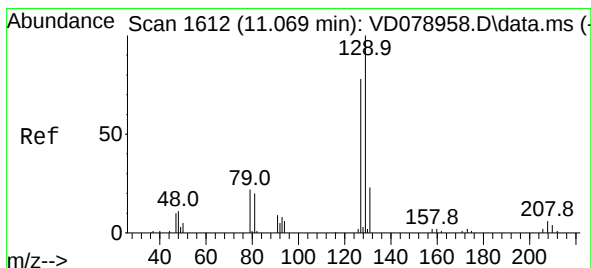
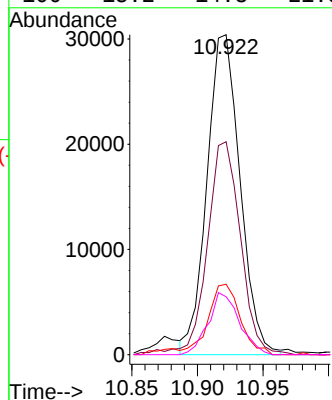
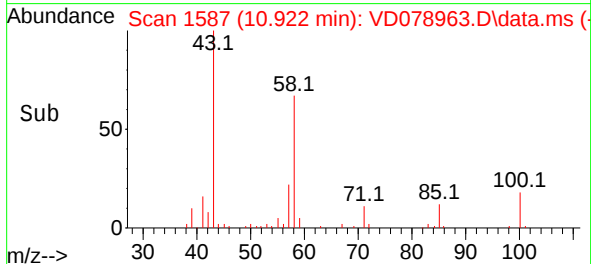


#48
2-Hexanone
Concen: 49.077 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Instrument :
MSVOA_D
ClientSampleId :

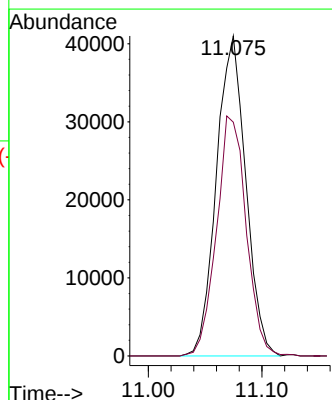
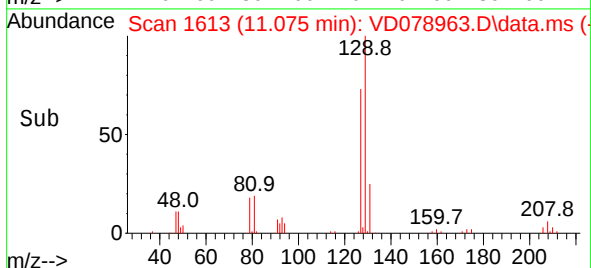
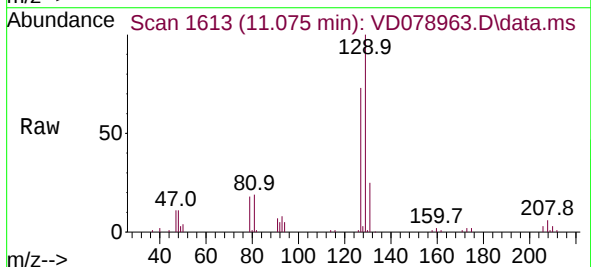


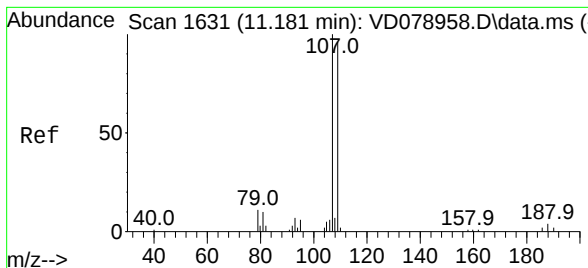
Tgt Ion: 43	Resp: 53419
Ion Ratio	Lower Upper
43 100	
58 66.8	53.4 80.2
57 21.2	17.0 25.4
100 18.2	14.3 21.5



#49
Dibromochloromethane
Concen: 23.843 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Tgt	Ion:129	Resp:	73682
Ion	Ratio	Lower	Upper
129	100		
127	73.1	54.8	101.8





#50

1,2-Dibromoethane

Concen: 23.878 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :

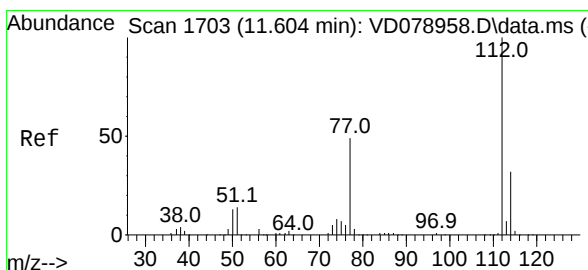
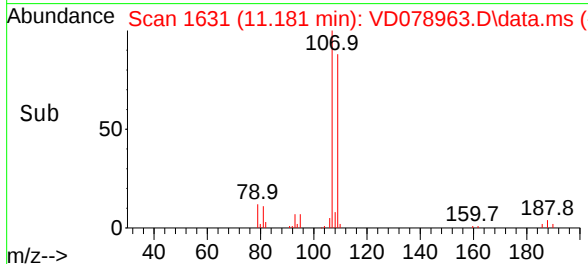
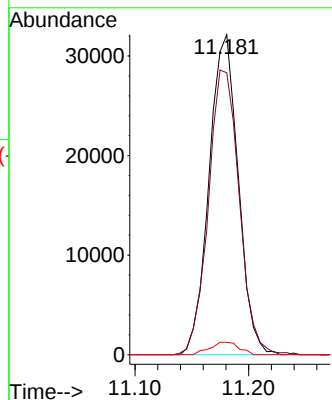
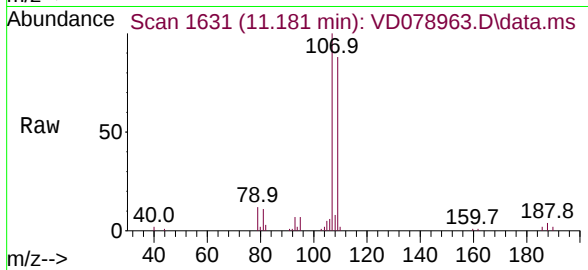
Tgt Ion:107 Resp: 57334

Ion Ratio Lower Upper

107 100

109 88.1 67.0 124.4

188 3.8 3.4 5.2



#51

Chlorobenzene

Concen: 23.628 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

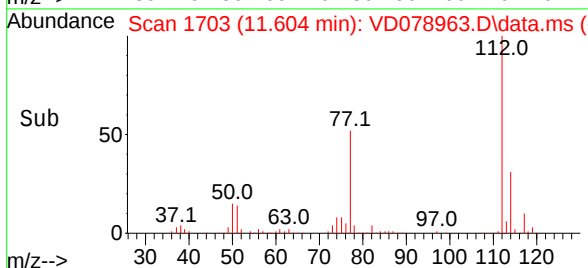
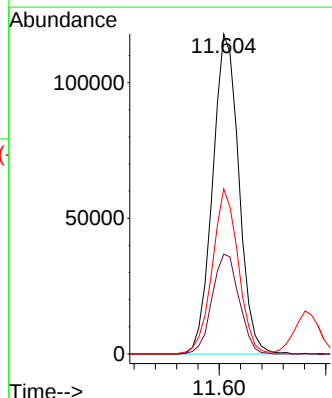
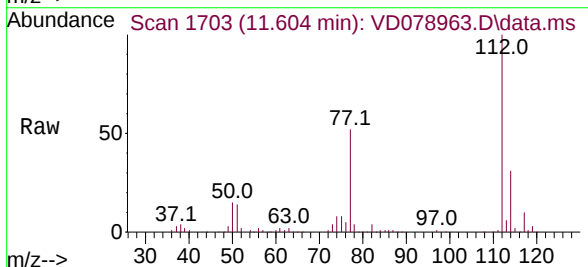
Tgt Ion:112 Resp: 201302

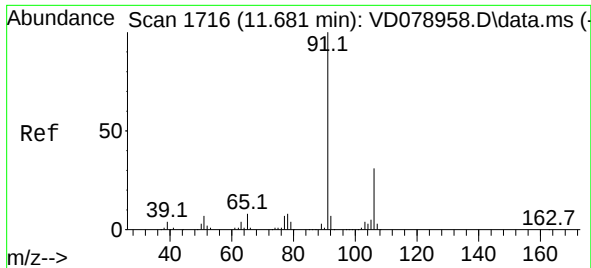
Ion Ratio Lower Upper

112 100

114 31.2 22.5 41.9

77 51.6 39.4 59.0





#52

Ethylbenzene

Concen: 24.917 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

Instrument :

MSVOA_D

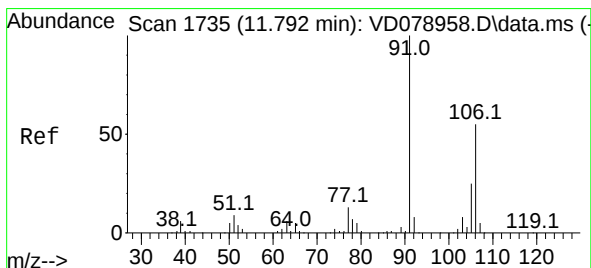
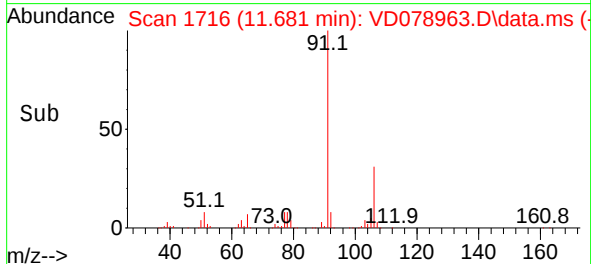
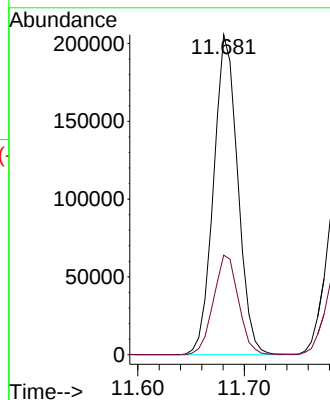
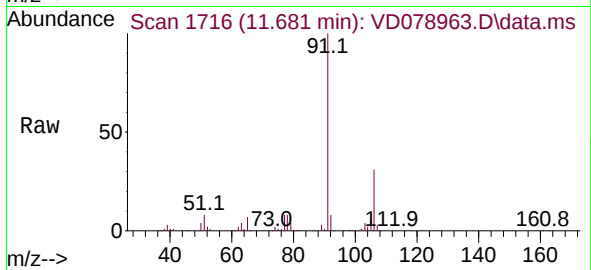
ClientSampleId :

Tgt Ion: 91 Resp: 324311

Ion Ratio Lower Upper

91 100

106 31.1 21.6 40.2



#53

m,p-Xylene

Concen: 25.186 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078963.D

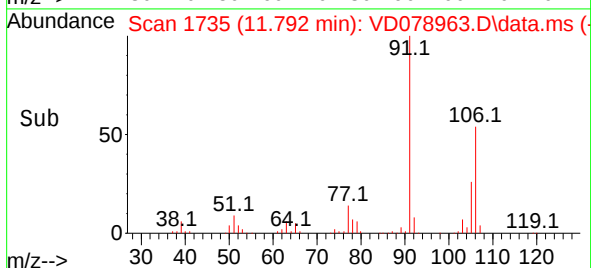
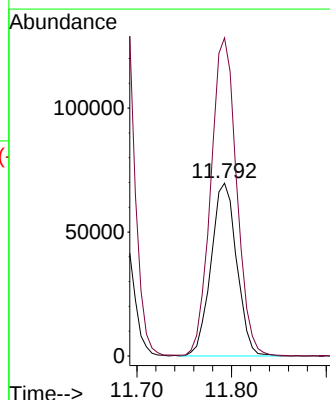
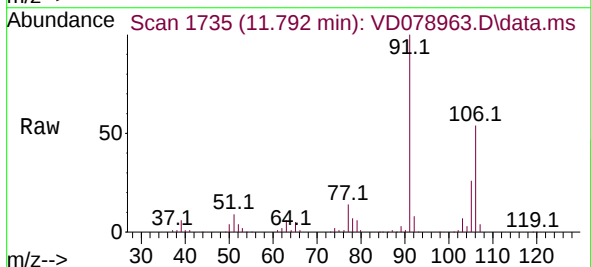
Acq: 17 May 2024 14:36

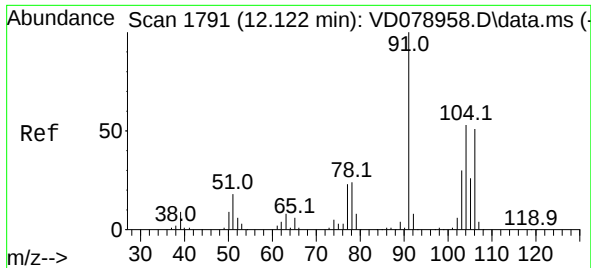
Tgt Ion:106 Resp: 131139

Ion Ratio Lower Upper

106 100

91 184.1 128.3 238.3

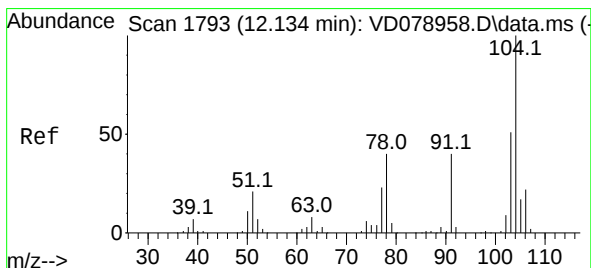
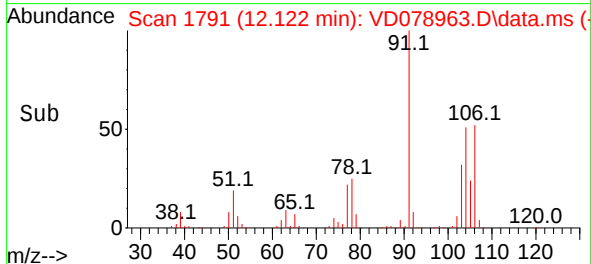
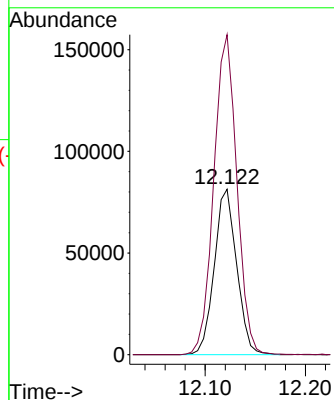
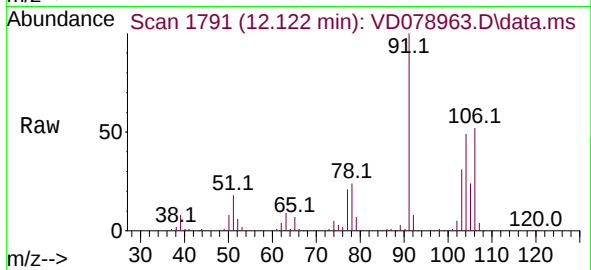




#54
o-Xylene
Concen: 24.877 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

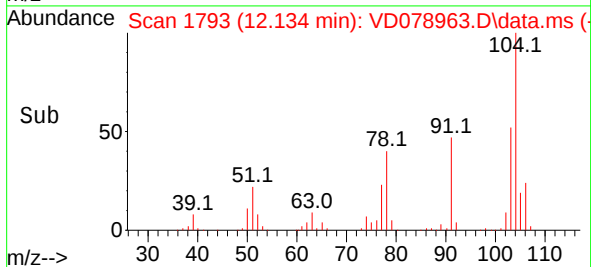
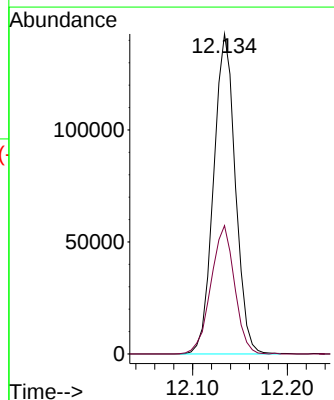
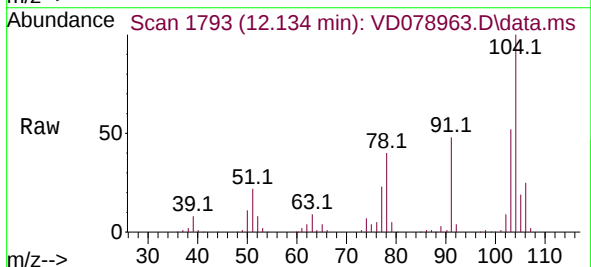
Instrument :
MSVOA_D
ClientSampleId :

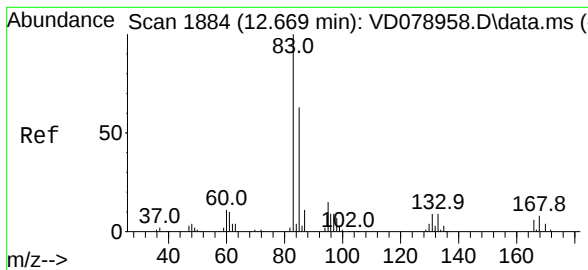
Tgt Ion:106 Resp: 126159
Ion Ratio Lower Upper
106 100
91 193.5 138.3 256.9



#55
Styrene
Concen: 25.499 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Tgt Ion:104 Resp: 228512
Ion Ratio Lower Upper
104 100
78 40.1 27.8 51.6

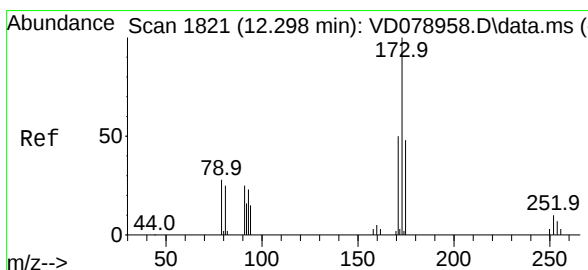
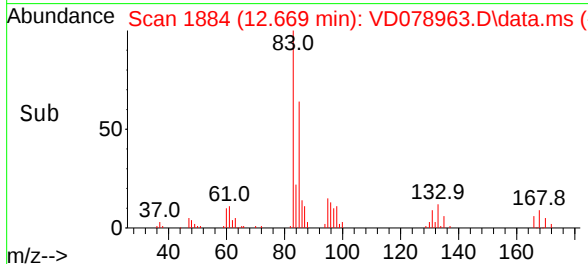
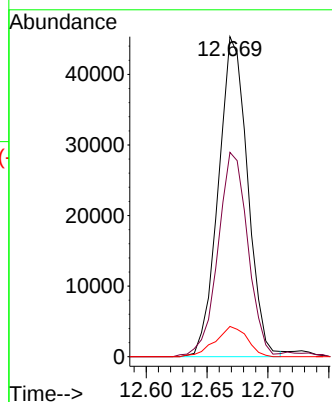
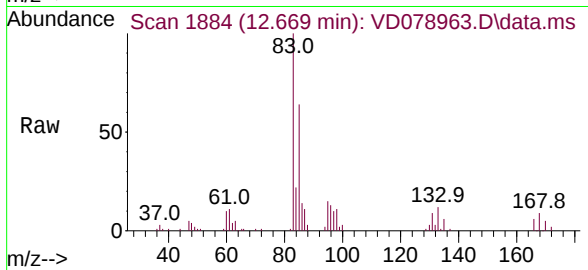




#57
1,1,2,2-Tetrachloroethane
Concen: 24.549 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

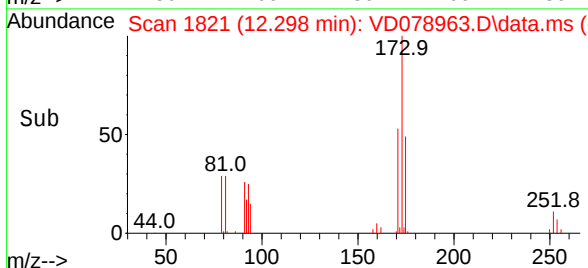
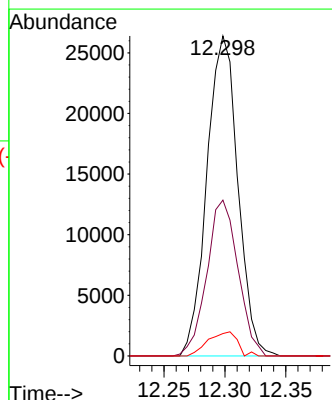
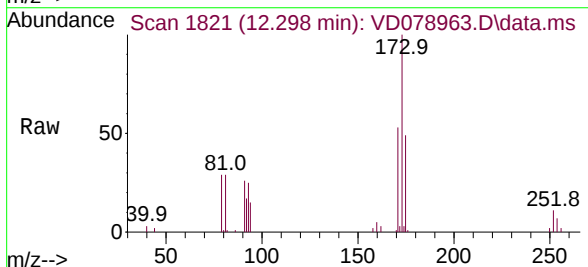
Instrument :
MSVOA_D
ClientSampleId :

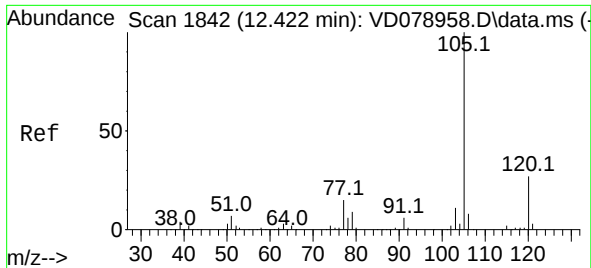
Tgt Ion: 83 Resp: 75684
Ion Ratio Lower Upper
83 100
85 63.9 44.3 82.3
131 9.4 7.5 11.3



#59
Bromoform
Concen: 22.714 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

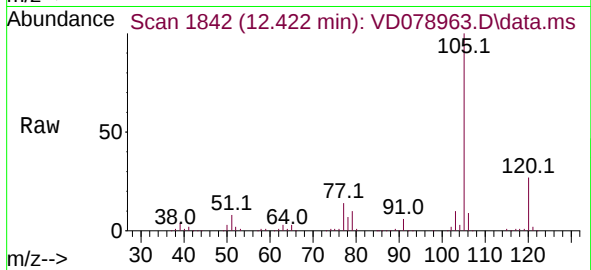
Tgt Ion:173 Resp: 46789
Ion Ratio Lower Upper
173 100
175 49.0 40.0 60.0
254 6.9 6.3 9.5



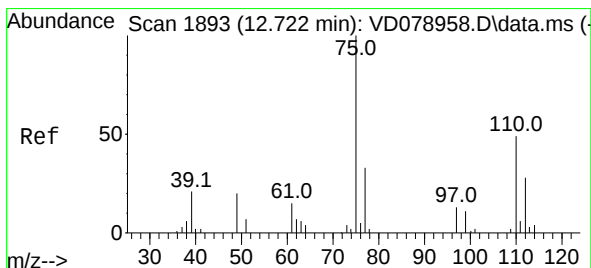
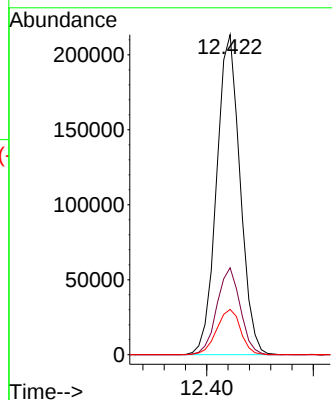
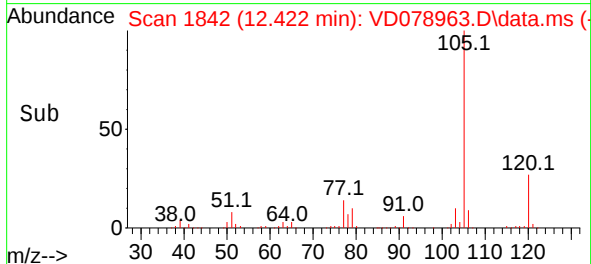


#60
Isopropylbenzene
Concen: 24.248 ug/L
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

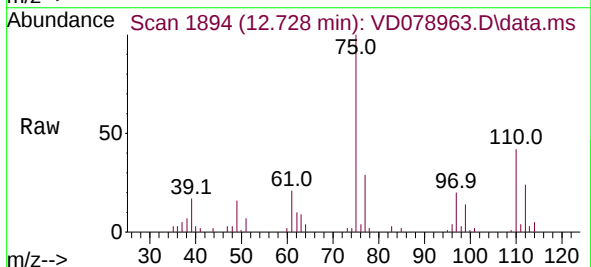
Instrument :
MSVOA_D
ClientSampleId :



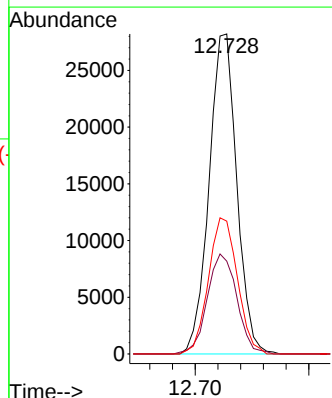
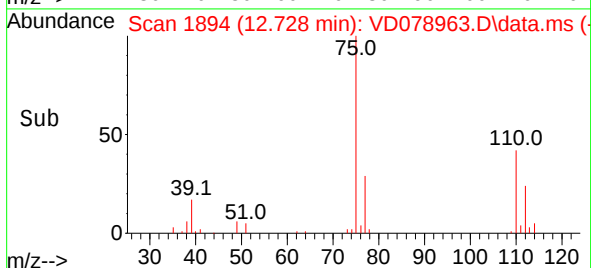
Tgt Ion:105 Resp: 326280
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.8
77 14.4 11.7 17.5

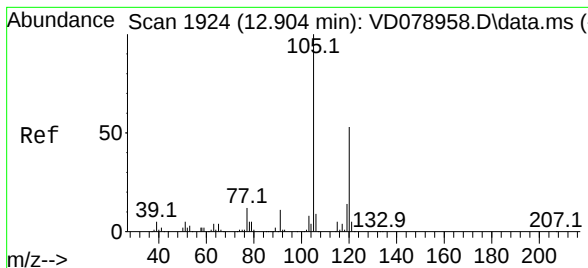


#61
1,2,3-Trichloropropane
Concen: 22.910 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36



Tgt Ion: 75 Resp: 47797
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.2
110 44.5 37.1 55.7

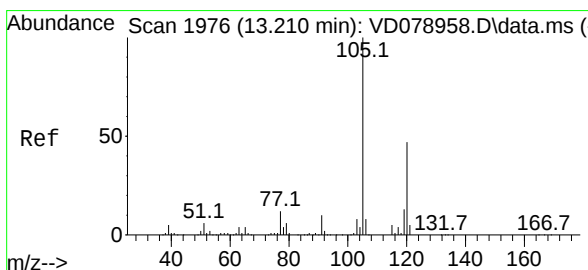
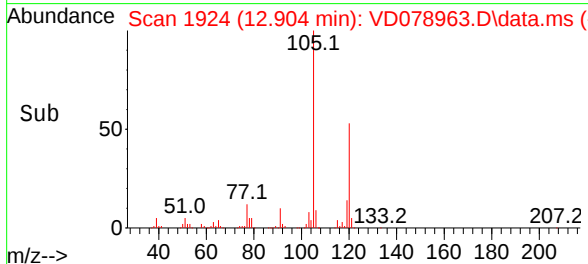
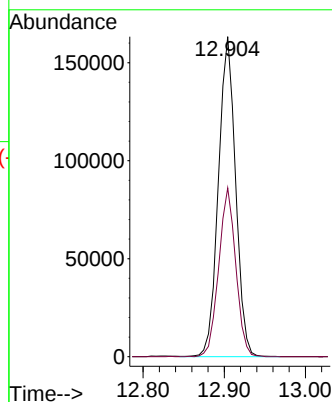
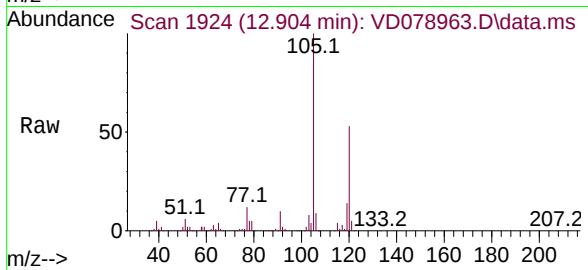




#62
1,3,5-Trimethylbenzene
Concen: 24.226 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

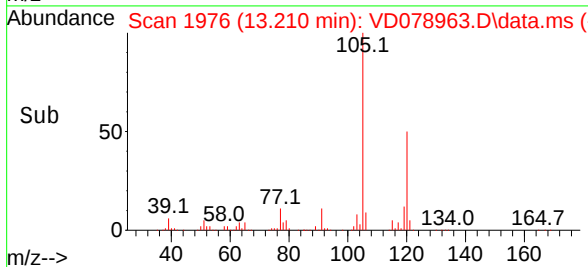
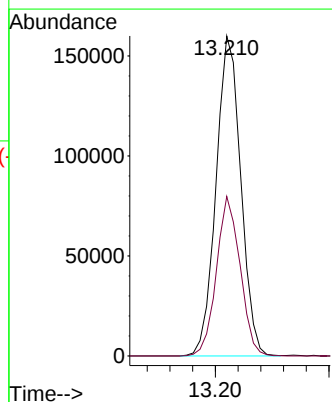
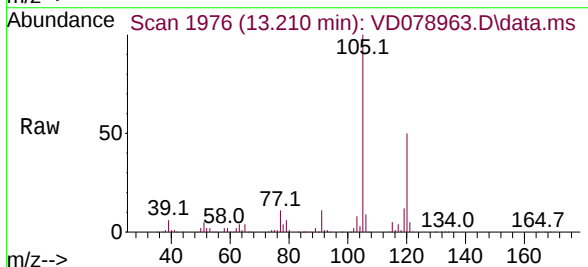
Instrument :
MSVOA_D
ClientSampleId :

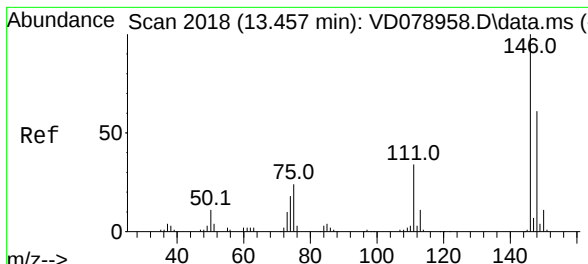
Tgt Ion:105 Resp: 240957
Ion Ratio Lower Upper
105 100
120 52.1 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 23.933 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

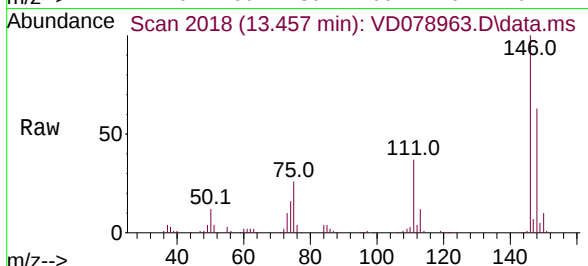
Tgt Ion:105 Resp: 241888
Ion Ratio Lower Upper
105 100
120 47.7 38.8 58.2



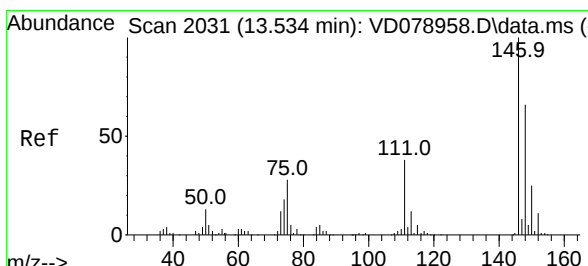
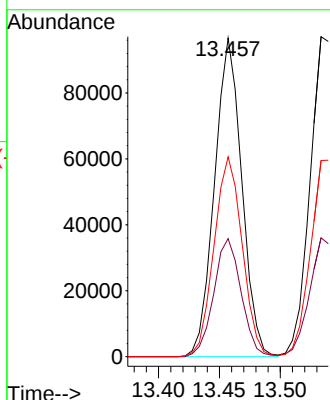
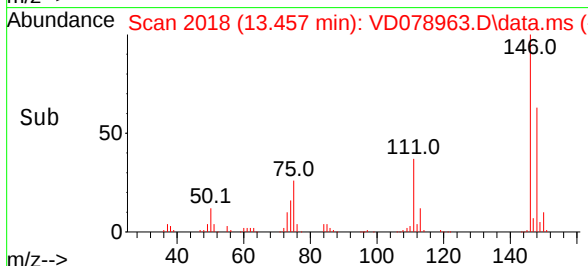


#64
 1,3-Dichlorobenzene
 Concen: 23.007 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078963.D
 Acq: 17 May 2024 14:36

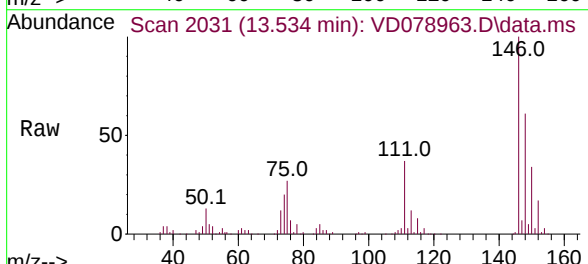
Instrument :
 MSVOA_D
 ClientSampleId :



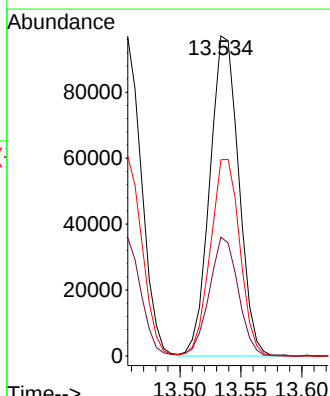
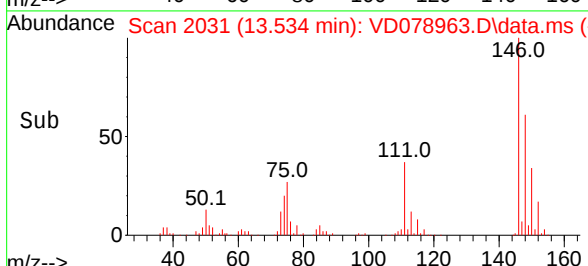
Tgt Ion:146 Resp: 150357
 Ion Ratio Lower Upper
 146 100
 111 37.1 24.0 44.6
 148 62.8 42.9 79.7

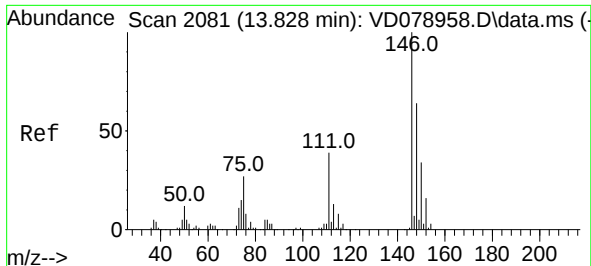


#65
 1,4-Dichlorobenzene
 Concen: 22.802 ug/L
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD078963.D
 Acq: 17 May 2024 14:36



Tgt Ion:146 Resp: 160658
 Ion Ratio Lower Upper
 146 100
 111 37.2 26.9 50.1
 148 61.3 46.4 86.2





#67

1,2-Dichlorobenzene

Concen: 22.976 ug/L

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :

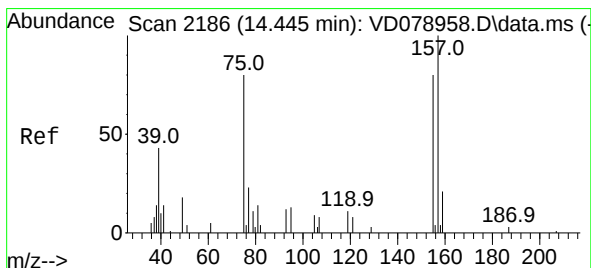
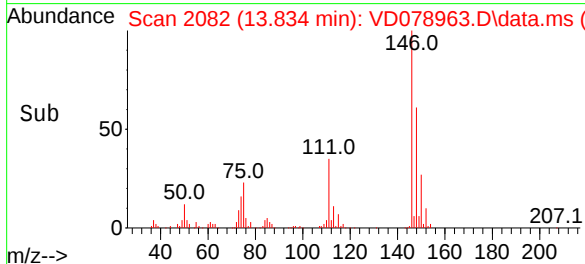
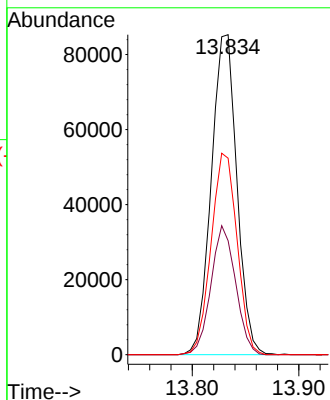
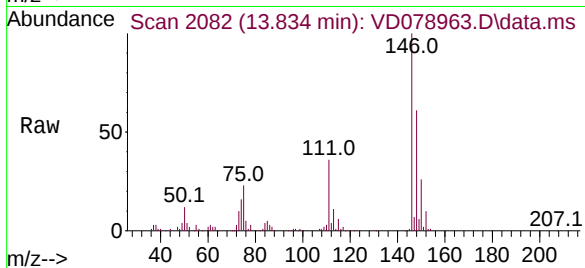
Tgt Ion:146 Resp: 142113

Ion Ratio Lower Upper

146 100

111 35.6 30.9 46.3

148 61.4 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.456 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

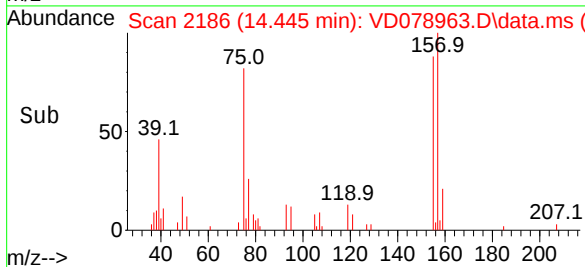
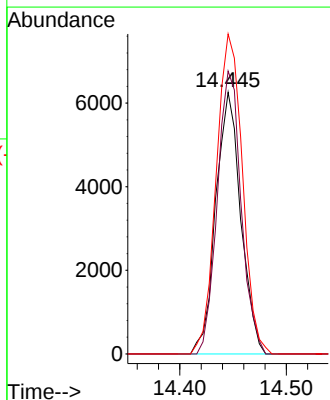
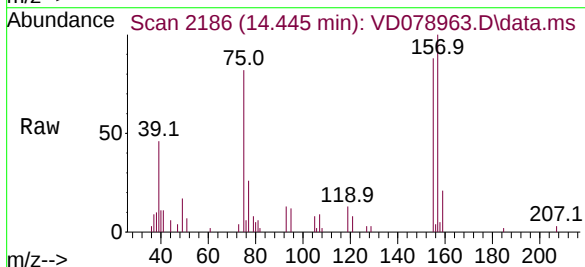
Tgt Ion: 75 Resp: 10194

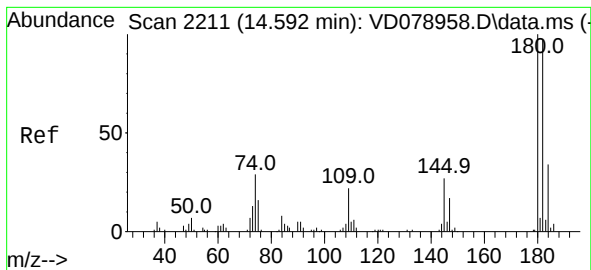
Ion Ratio Lower Upper

75 100

155 108.1 79.8 119.6

157 122.3 99.9 149.9





#69

1,3,5-Trichlorobenzene

Concen: 22.253 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

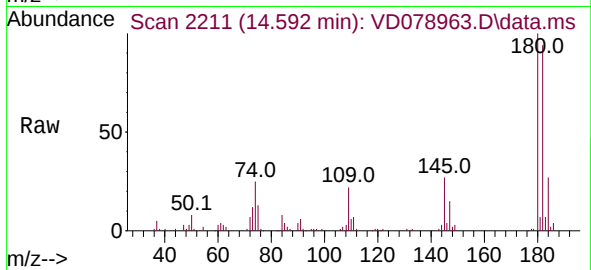
Lab File: VD078963.D

Acq: 17 May 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 94452

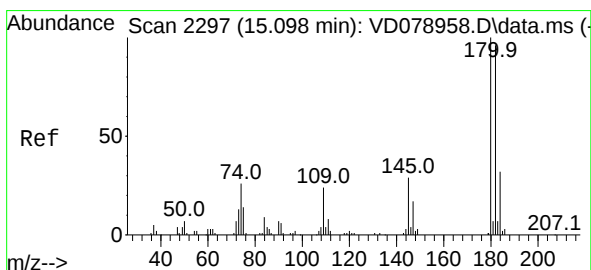
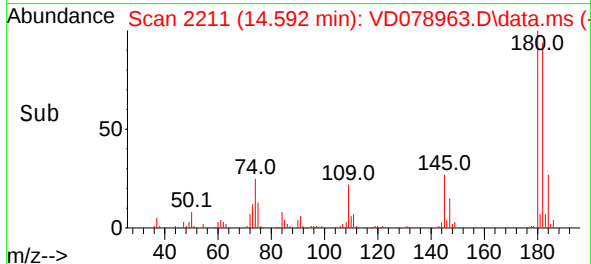
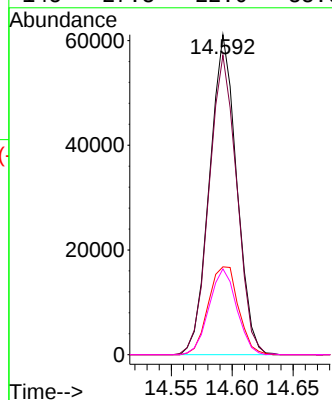
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

184 30.6 24.9 37.3

145 27.3 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 21.887 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078963.D

Acq: 17 May 2024 14:36

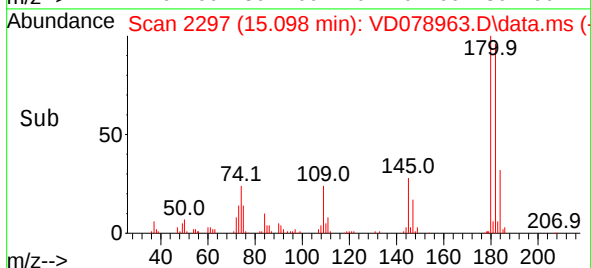
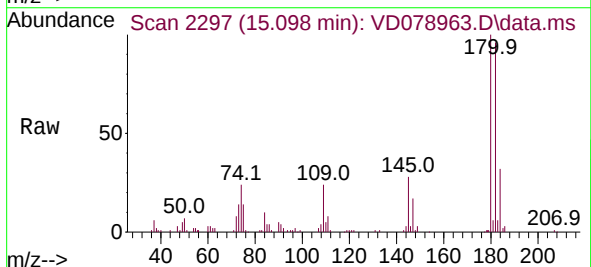
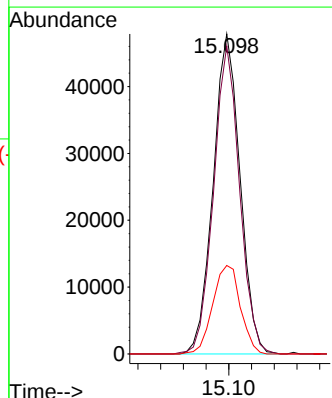
Tgt Ion:180 Resp: 78643

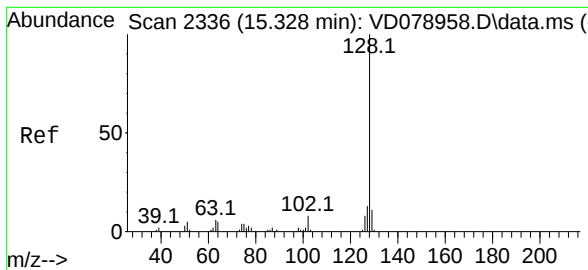
Ion Ratio Lower Upper

180 100

182 93.2 76.4 114.6

145 28.4 22.8 34.2

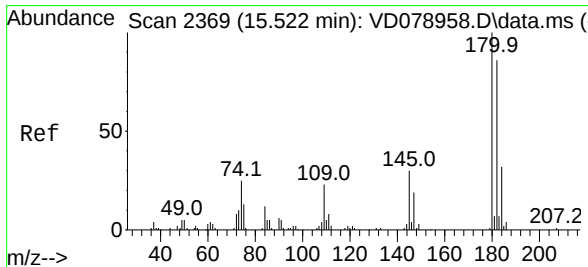
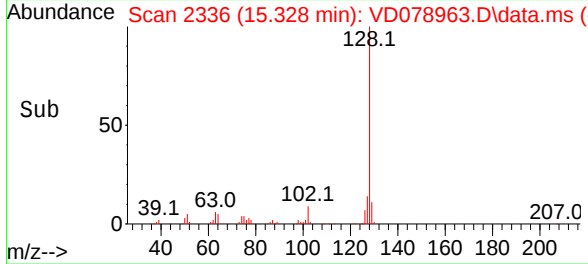
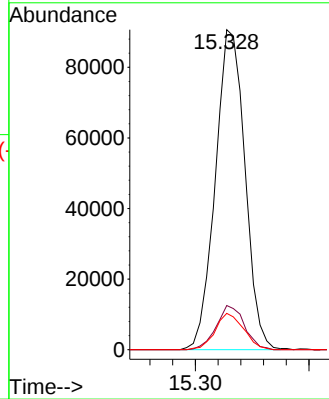
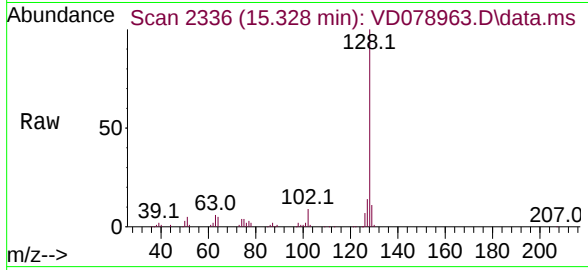




#71
Naphthalene
Concen: 22.402 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	164228
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.9	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 22.265 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078963.D
Acq: 17 May 2024 14:36

Tgt Ion:	180	Resp:	74775
Ion Ratio	Lower	Upper	
180	100		
182	92.2	77.2	115.8
145	31.2	24.4	36.6

