

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052024\
 Data File : VD078968.D
 Acq On : 20 May 2024 11:29
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 21 01:00:04 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	166520	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	167042	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	93268	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	91197	22.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.360%
7) Chloroethane-d5	2.805	69	104282	23.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.440%
11) 1,1-Dichloroethene-d2	3.922	65	20931	26.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.160%
21) 2-Butanone-d5	6.987	46	30090	52.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.160%
24) Chloroform-d	7.569	84	113781	22.952	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	8.234	65	57236	24.312	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	8.204	84	229136	26.884	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.520%
36) 1,2-Dichloropropane-d6	9.210	67	67109	25.841	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.360%
41) Toluene-d8	10.269	98	206158	26.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.960%
43) trans-1,3-Dichloroprop...	10.528	79	30718	25.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.720%
47) 2-Hexanone-d5	10.875	63	27543	52.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77298	26.165	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	81359	25.701	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	82616	24.797	ug/L	99
3) Chloromethane	2.152	50	89785	21.963	ug/L	91
5) Vinyl chloride	2.287	62	145362	21.732	ug/L	99
6) Bromomethane	2.699	94	116108	24.273	ug/L	97
8) Chloroethane	2.840	64	122370	23.689	ug/L	100
9) Trichlorofluoromethane	3.181	101	138838	26.614	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	85589	25.883	ug/L #	87
12) 1,1-Dichloroethene	3.946	96	73099	25.388	ug/L	88
13) Acetone	4.016	43	38983	55.852	ug/L	100
14) Carbon disulfide	4.275	76	189059	22.659	ug/L	97
15) Methyl Acetate	4.563	43	29742	26.227	ug/L	99
16) Methylene chloride	4.805	84	100729	25.537	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	79688	27.182	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	177771	28.461	ug/L #	82
19) 1,1-Dichloroethane	6.116	63	134547	27.324	ug/L	93
20) cis-1,2-Dichloroethene	7.081	96	92119	27.548	ug/L	90
22) 2-Butanone	7.081	43	44639	55.627	ug/L	97
23) Bromochloromethane	7.428	128	45041	26.956	ug/L #	86
25) Chloroform	7.593	83	163632	27.647	ug/L	92

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 QLast Update : Sat May 18 00:53:45 2024
 Response via : Initial Calibration

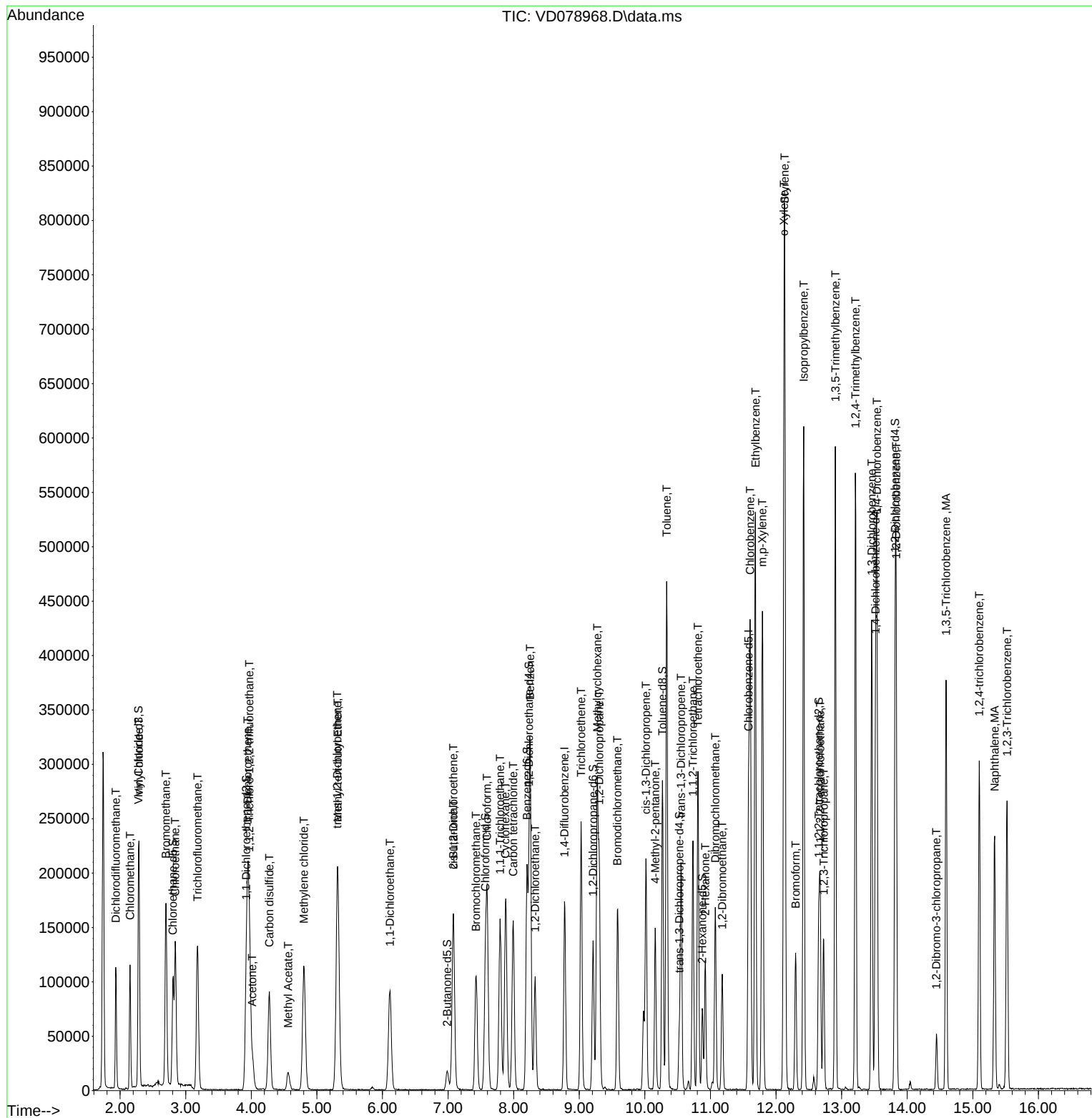
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	92347	26.939	ug/L	96
29) Cyclohexane	7.875	56	90755	28.269	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	132904	28.757	ug/L	97
31) Carbon tetrachloride	7.993	117	121916	28.650	ug/L	100
33) Benzene	8.251	78	325733	28.448	ug/L	100
34) Trichloroethene	9.028	95	85057	28.834	ug/L	93
35) Methylcyclohexane	9.275	83	124490	28.071	ug/L	98
37) 1,2-Dichloropropane	9.304	63	82211	28.332	ug/L	99
38) Bromodichloromethane	9.581	83	118516	28.883	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	133184	29.258	ug/L	93
40) 4-Methyl-2-pentanone	10.157	43	87311	59.569	ug/L	98
42) Toluene	10.334	91	370874	29.461	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	119105	29.596	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	77198	29.094	ug/L	86
46) Tetrachloroethene	10.810	164	70954	27.956	ug/L	96
48) 2-Hexanone	10.922	43	67860	59.724	ug/L	98
49) Dibromochloromethane	11.075	129	92366	28.633	ug/L	98
50) 1,2-Dibromoethane	11.181	107	69052	27.550	ug/L	96
51) Chlorobenzene	11.604	112	246514	27.718	ug/L	100
52) Ethylbenzene	11.687	91	398393	29.323	ug/L	99
53) m,p-Xylene	11.792	106	158738	29.205	ug/L	97
54) o-Xylene	12.122	106	152465	28.800	ug/L	99
55) Styrene	12.134	104	278336	29.753	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	89726	27.880	ug/L	95
59) Bromoform	12.298	173	57474	27.227	ug/L	99
60) Isopropylbenzene	12.422	105	406305	29.466	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	59393	27.781	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	311187	30.532	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	312421	30.166	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	188025	28.077	ug/L	94
65) 1,4-Dichlorobenzene	13.539	146	199306	27.605	ug/L	91
67) 1,2-Dichlorobenzene	13.833	146	177801	28.052	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	11948	26.829	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	121304	27.890	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	102569	27.857	ug/L	99
71) Naphthalene	15.333	128	213459	28.415	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	95730	27.816	ug/L	100

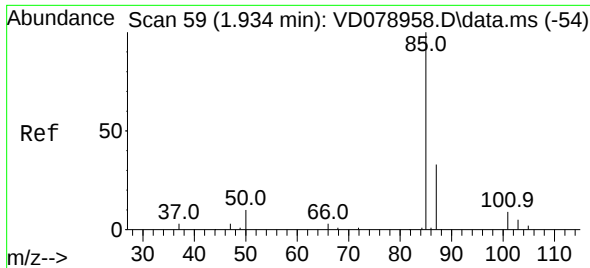
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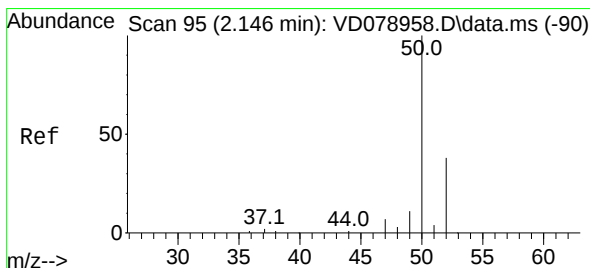
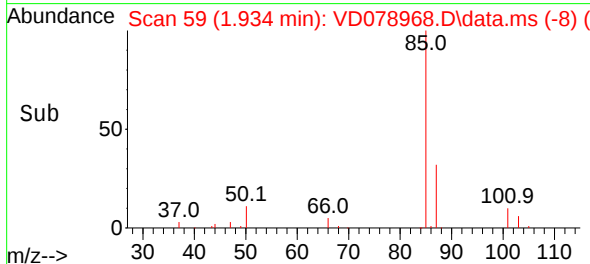
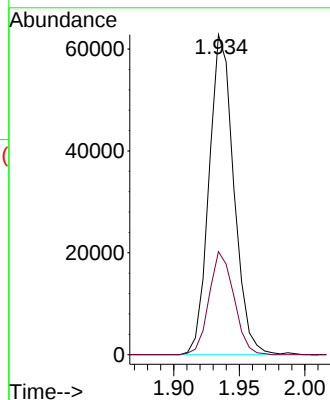
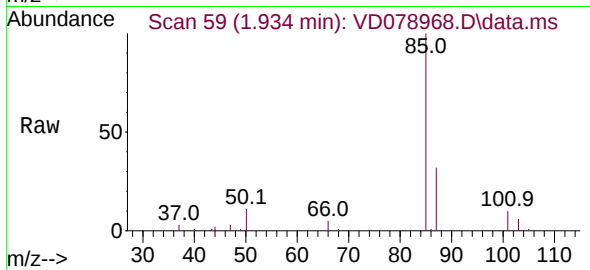




#2
Dichlorodifluoromethane
Concen: 24.797 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

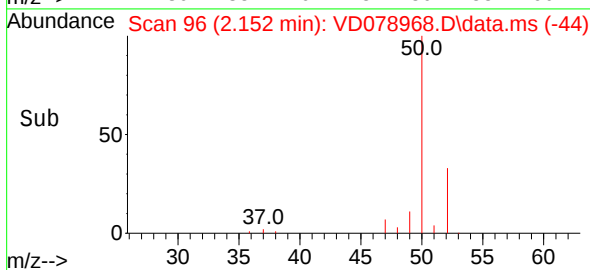
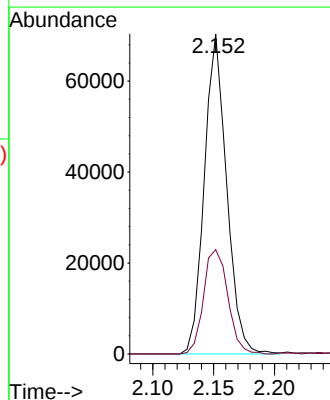
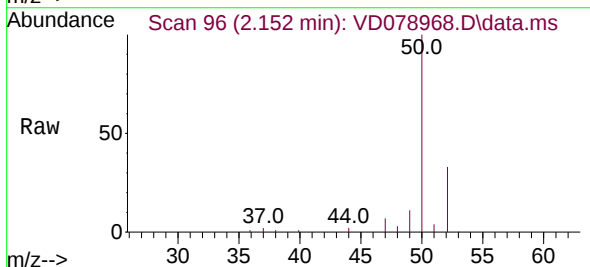
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ClientSampleId :

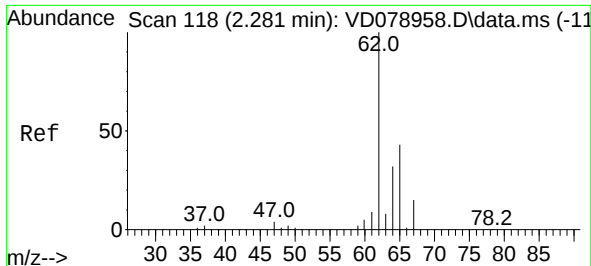
Tgt Ion: 85 Resp: 82616
Ion Ratio Lower Upper
85 100
87 32.2 26.3 39.5



#3
Chloromethane
Concen: 21.963 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion: 50 Resp: 89785
Ion Ratio Lower Upper
50 100
52 32.6 26.5 49.3

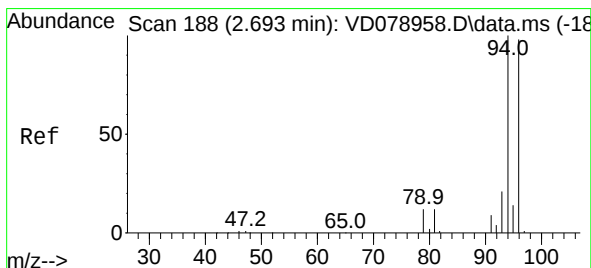
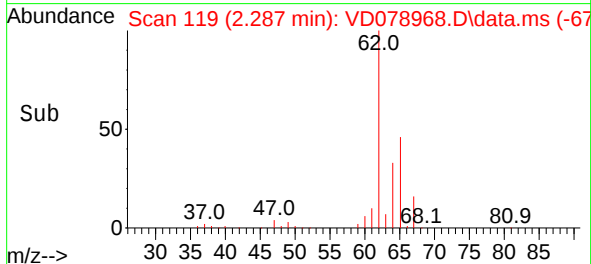
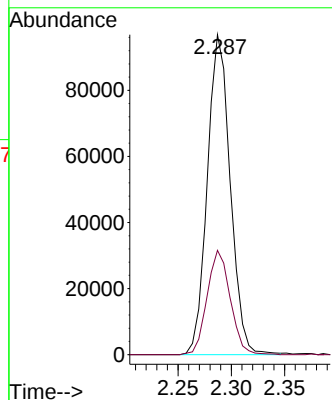
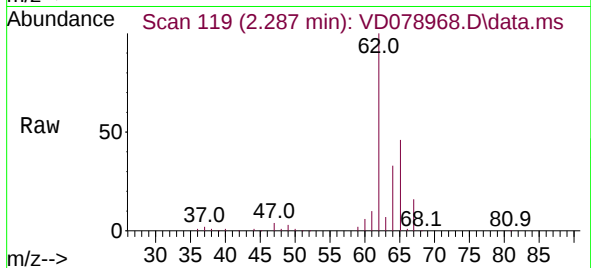




#5
 Vinyl chloride
 Concen: 21.732 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD078968.D
 Acq: 20 May 2024 11:29

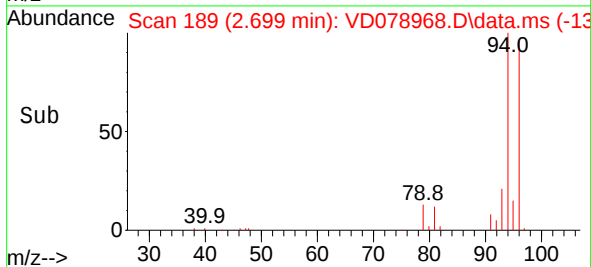
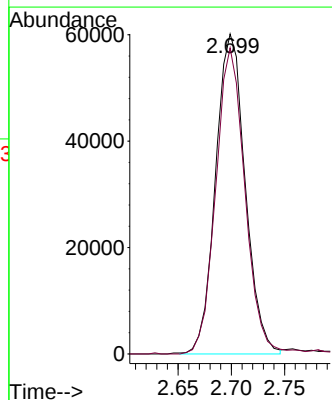
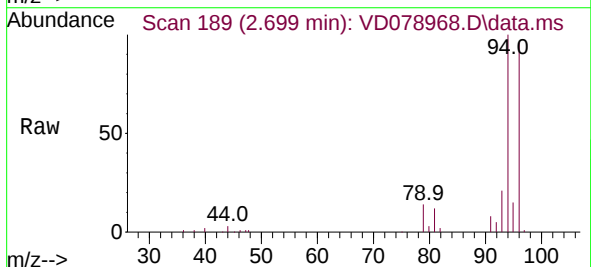
Instrument :
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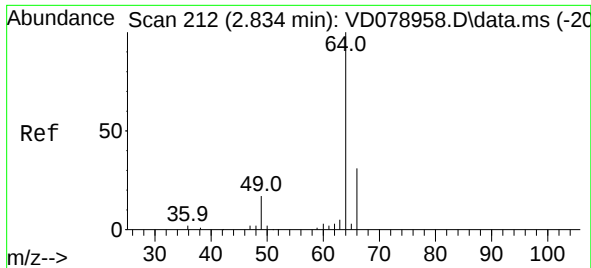
Tgt Ion: 62 Resp: 145362
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.3 41.3



#6
 Bromomethane
 Concen: 24.273 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD078968.D
 Acq: 20 May 2024 11:29

Tgt Ion: 94 Resp: 116108
 Ion Ratio Lower Upper
 94 100
 96 95.7 69.0 128.1

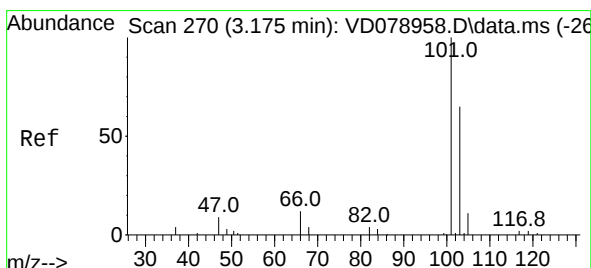
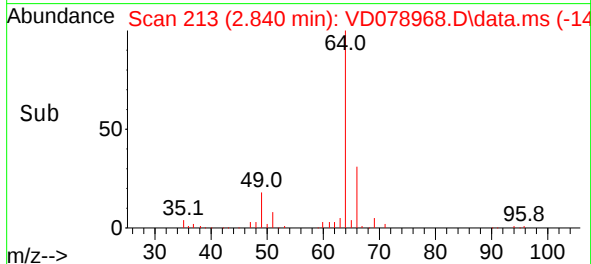
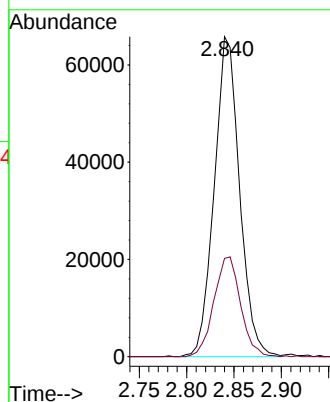
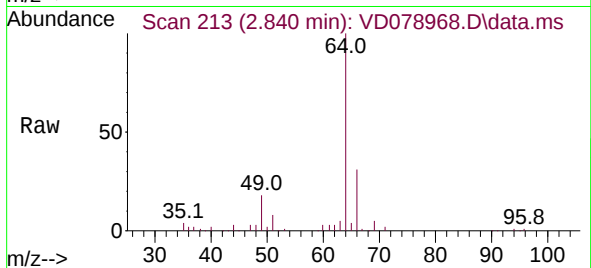




#8
Chloroethane
Concen: 23.689 ug/L
RT: 2.840 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

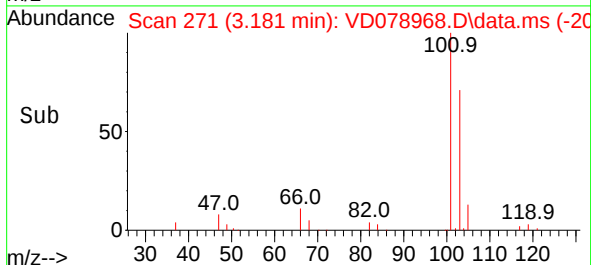
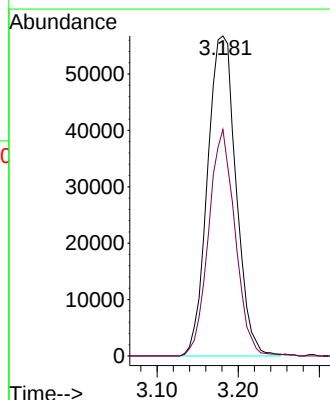
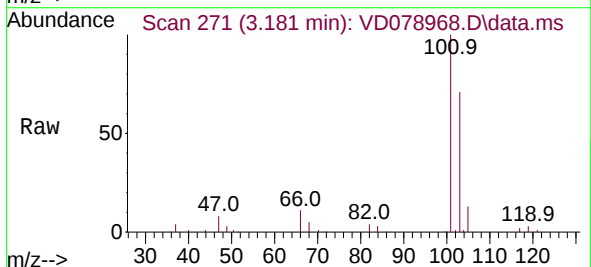
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MSVOA_D
ClientSampleId :

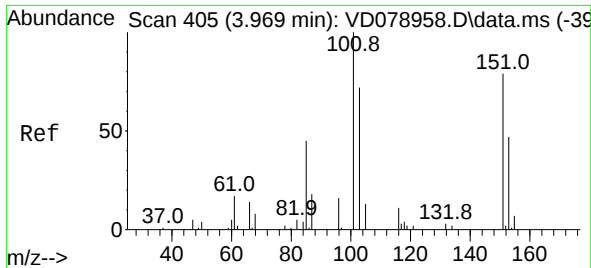
Tgt Ion: 64 Resp: 122370
Ion Ratio Lower Upper
64 100
66 30.7 21.5 39.9



#9
Trichlorofluoromethane
Concen: 26.614 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion:101 Resp: 138838
Ion Ratio Lower Upper
101 100
103 65.4 51.9 77.9

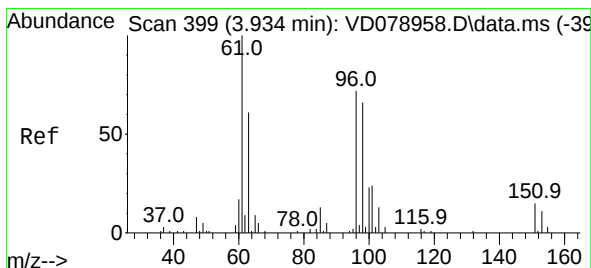
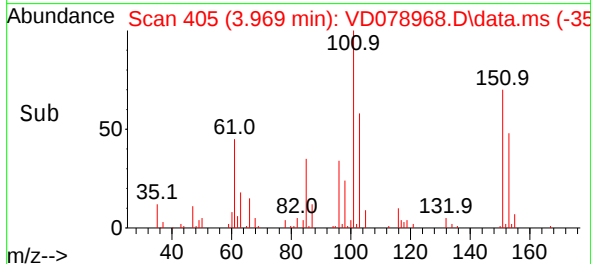
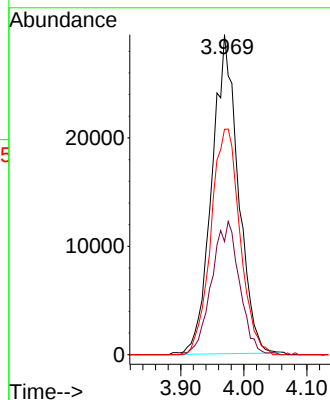
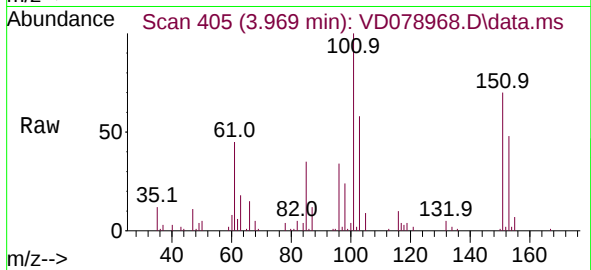




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.883 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD078968.D
 Acq: 20 May 2024 11:29

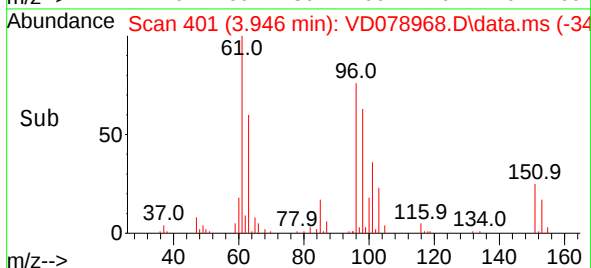
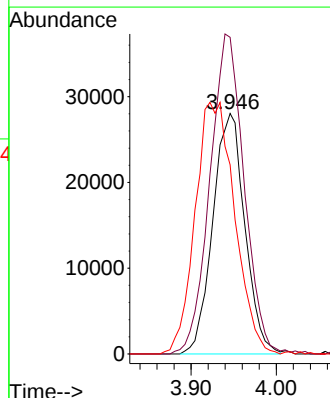
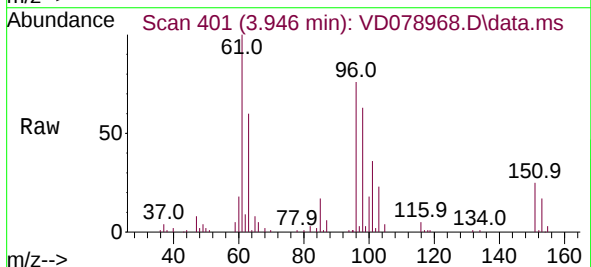
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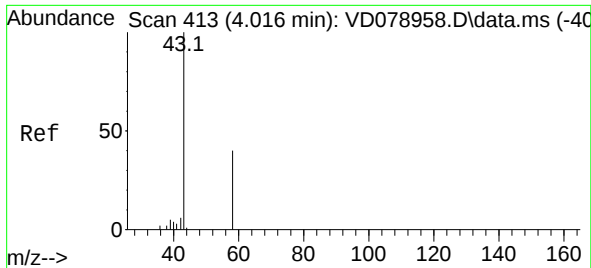
Tgt Ion:101 Resp: 85589
 Ion Ratio Lower Upper
 101 100
 85 22.8 36.2 54.2#
 151 77.6 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 25.388 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.012 min
 Lab File: VD078968.D
 Acq: 20 May 2024 11:29

Tgt Ion: 96 Resp: 73099
 Ion Ratio Lower Upper
 96 100
 61 131.7 98.6 183.0
 63 78.7 68.3 126.8

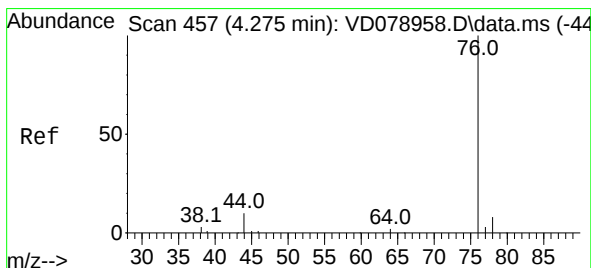
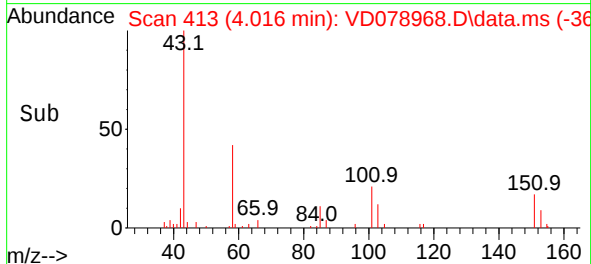
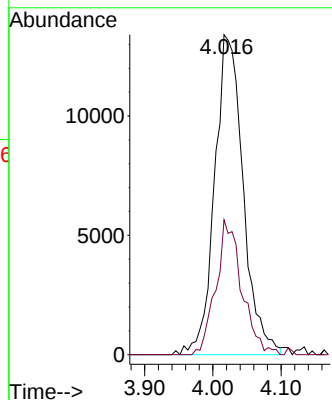
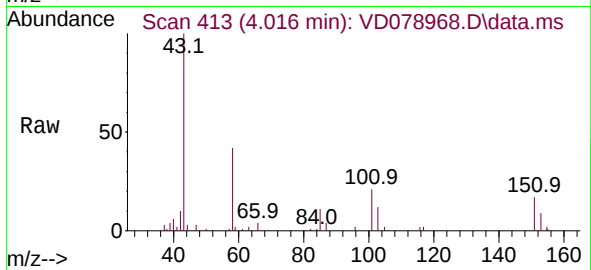




#13
Acetone
Concen: 55.852 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

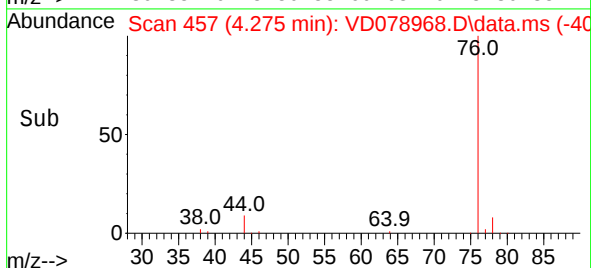
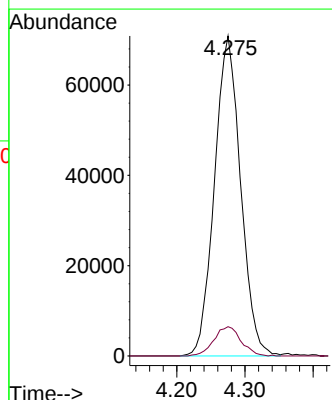
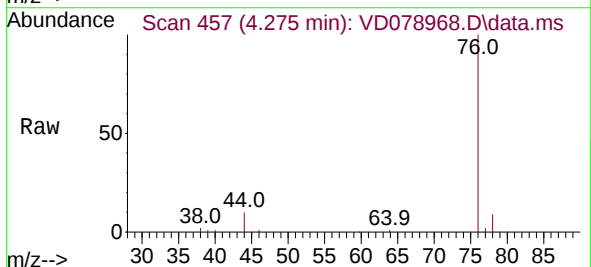
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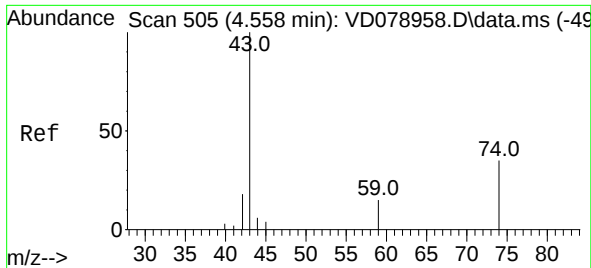
Tgt Ion: 43 Resp: 38983
Ion Ratio Lower Upper
43 100
58 37.7 0.0 75.0



#14
Carbon disulfide
Concen: 22.659 ug/L
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 189059
Ion Ratio Lower Upper
76 100
78 9.2 6.5 9.7

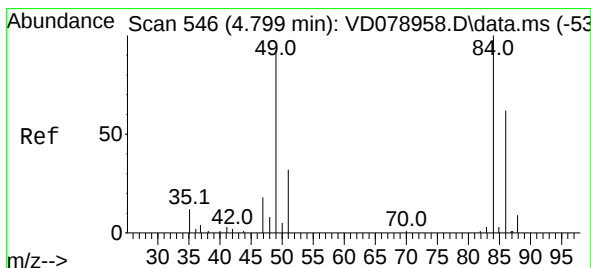
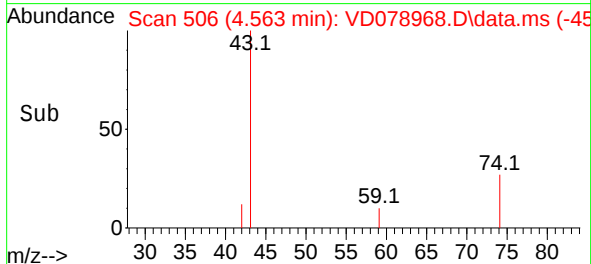
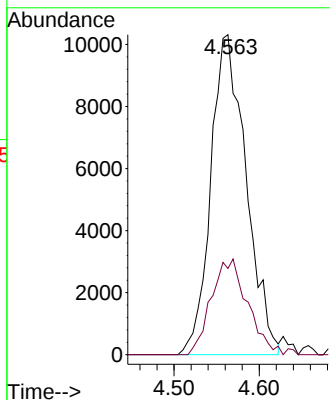
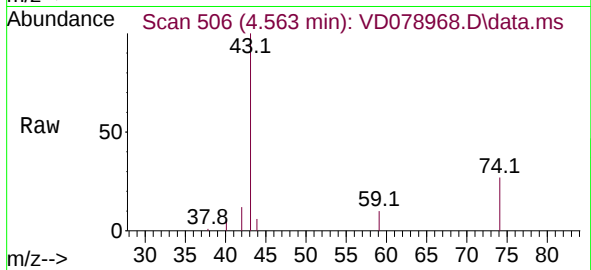




#15
Methyl Acetate
Concen: 26.227 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

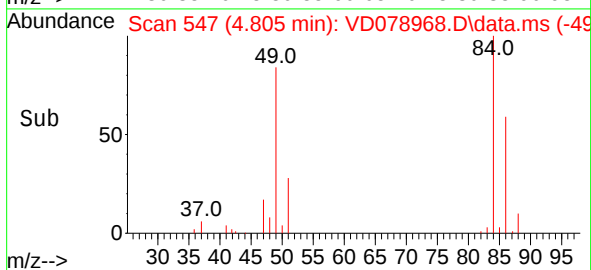
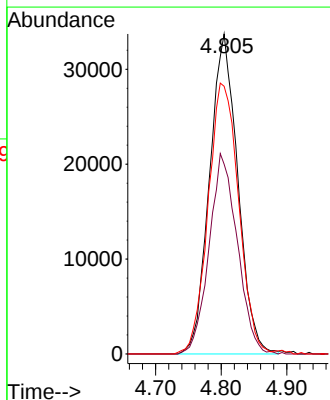
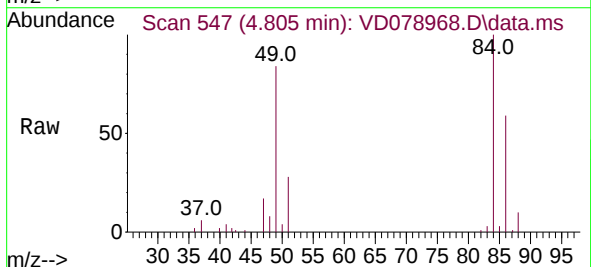
Instrument :
MSVOA_D
ClientSampleId :

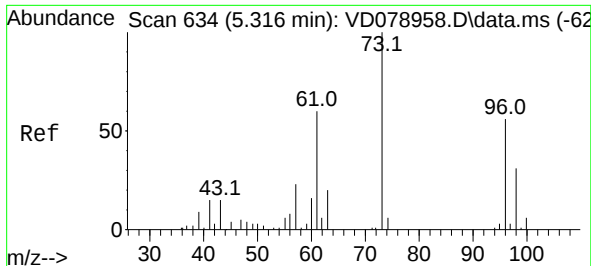
Tgt Ion: 43 Resp: 29742
Ion Ratio Lower Upper
43 100
74 30.6 25.1 37.7



#16
Methylene chloride
Concen: 25.537 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion: 84 Resp: 100729
Ion Ratio Lower Upper
84 100
86 59.3 43.7 81.1
49 83.6 64.0 119.0





#17

trans-1,2-Dichloroethene

Concen: 27.182 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

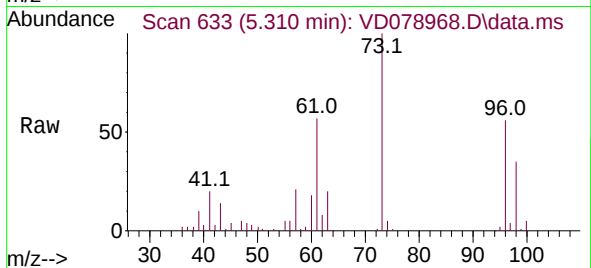
Lab File: VD078968.D

Acq: 20 May 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :



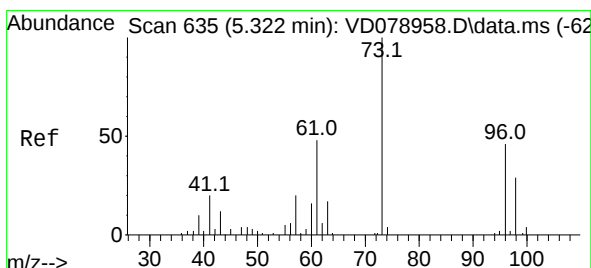
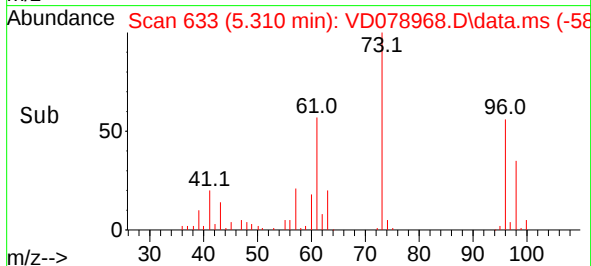
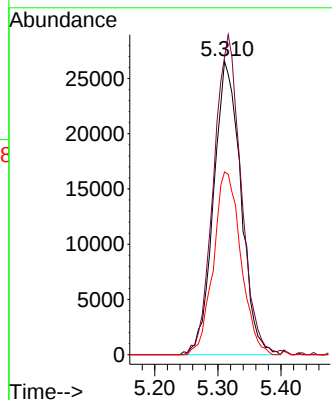
Tgt Ion: 96 Resp: 79688

Ion Ratio Lower Upper

96 100

61 101.4 75.5 140.1

98 62.3 39.1 72.7



#18

Methyl tert-butyl Ether

Concen: 28.461 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

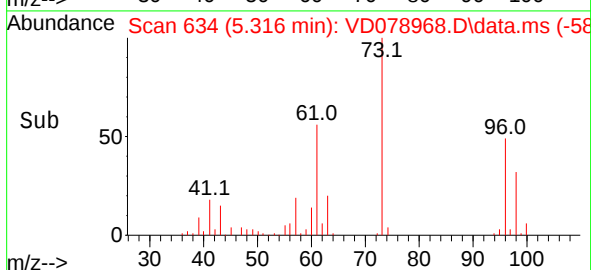
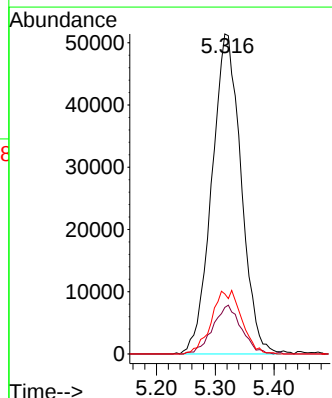
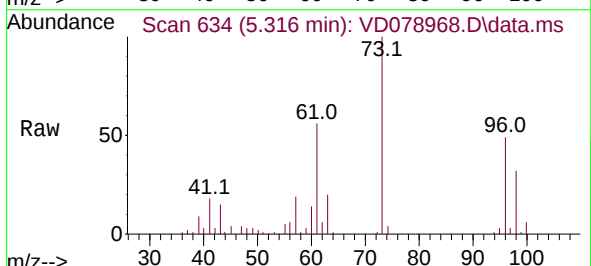
Tgt Ion: 73 Resp: 177771

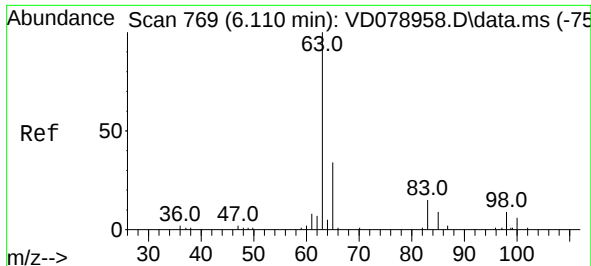
Ion Ratio Lower Upper

73 100

43 13.3 6.7 10.1#

57 11.9 16.8 25.2#





#19

1,1-Dichloroethane

Concen: 27.324 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

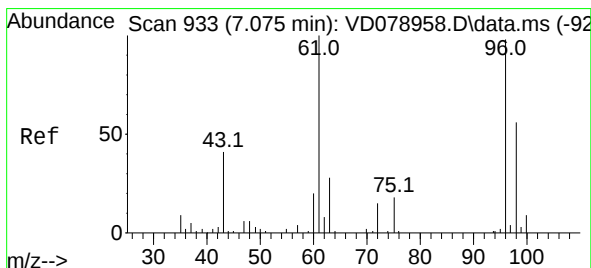
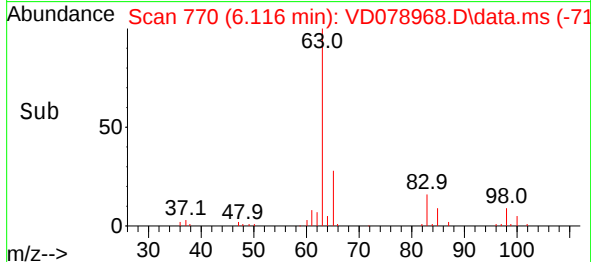
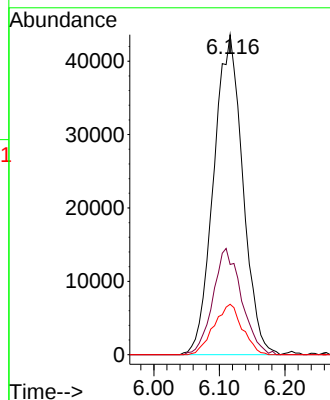
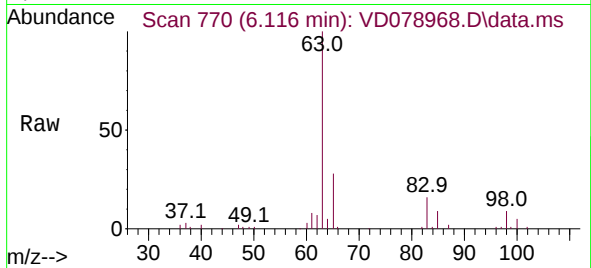
Tgt Ion: 63 Resp: 134547

Ion Ratio Lower Upper

63 100

65 28.2 23.5 43.7

83 15.8 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 27.548 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

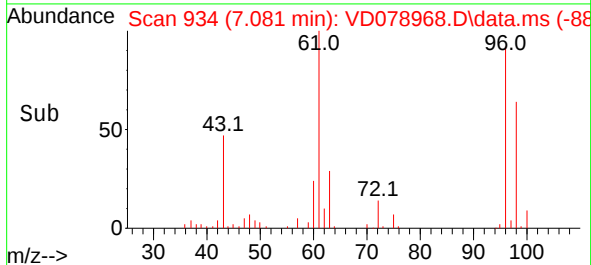
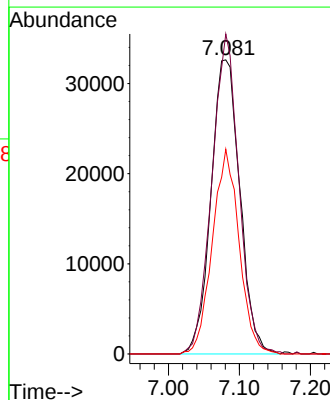
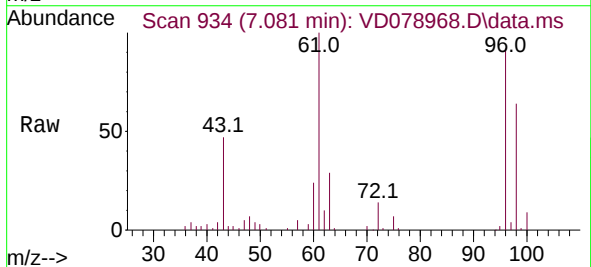
Tgt Ion: 96 Resp: 92119

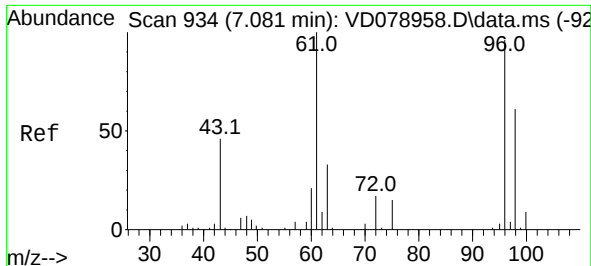
Ion Ratio Lower Upper

96 100

61 108.8 71.6 133.0

98 69.6 40.1 74.5

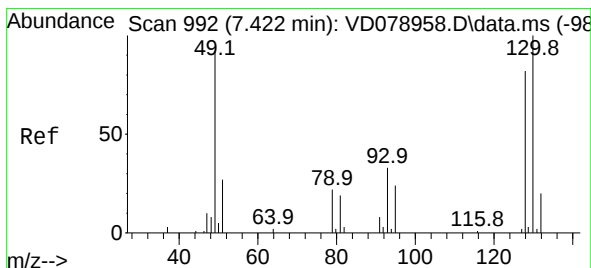
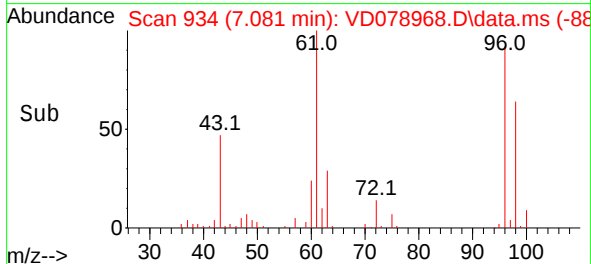
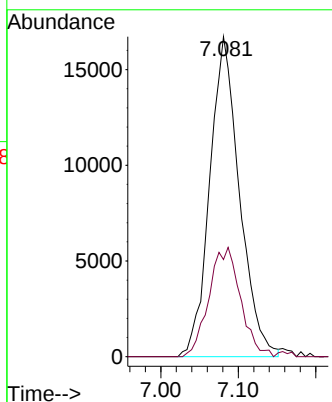
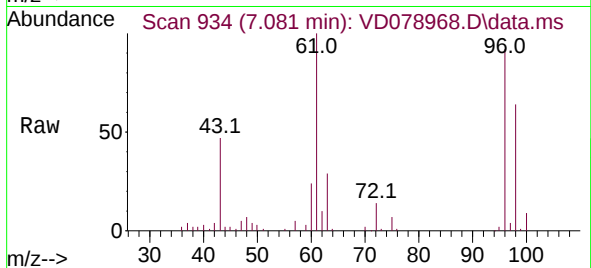




#22
2-Butanone
Concen: 55.627 ug/L
RT: 7.081 min Scan# 901
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

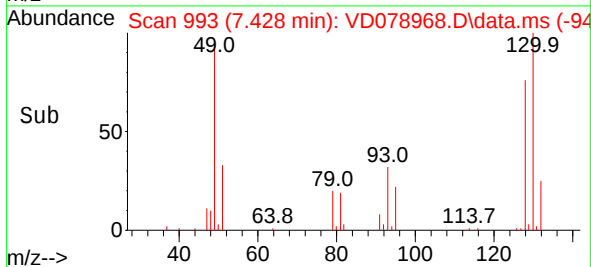
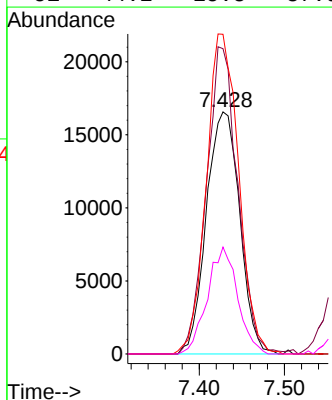
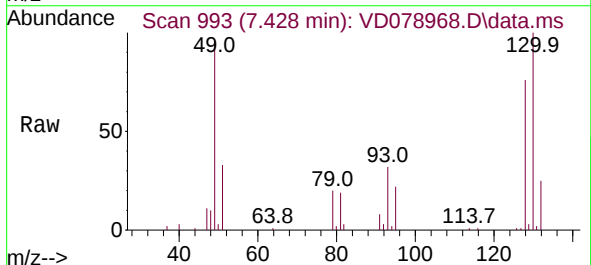
Instrument :
MSVOA_D
ClientSampleId :

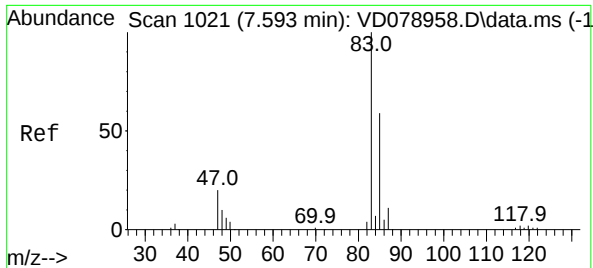
Tgt Ion: 43 Resp: 44639
Ion Ratio Lower Upper
43 100
72 35.9 17.1 51.2



#23
Bromochloromethane
Concen: 26.956 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion:128 Resp: 45041
Ion Ratio Lower Upper
128 100
49 126.1 77.3 143.5
130 132.1 83.4 154.8
51 44.2 25.3 37.9#

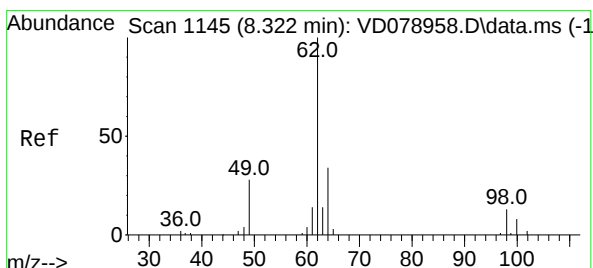
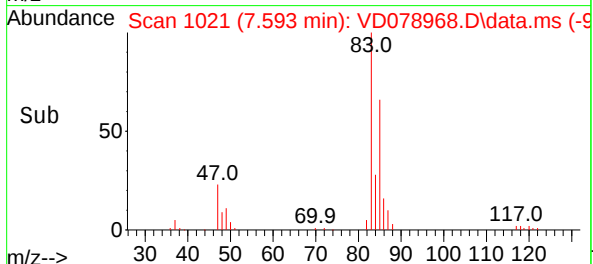
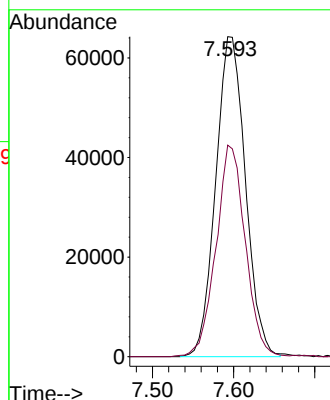
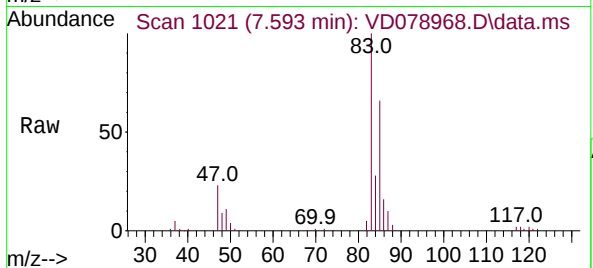




#25
Chloroform
Concen: 27.647 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

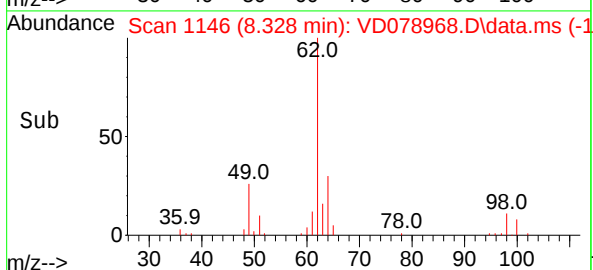
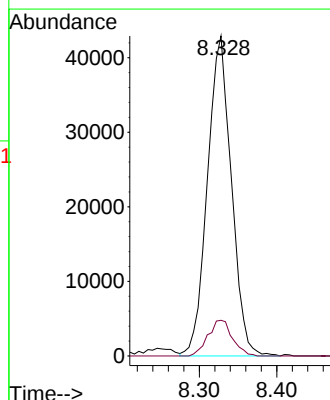
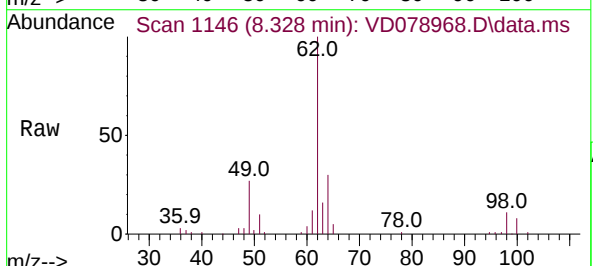
Instrument :
MSVOA_D
ClientSampleId :

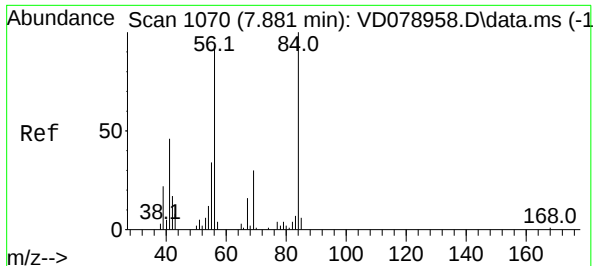
Tgt Ion: 83 Resp: 163632
Ion Ratio Lower Upper
83 100
85 66.1 41.8 77.6



#27
1,2-Dichloroethane
Concen: 26.939 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

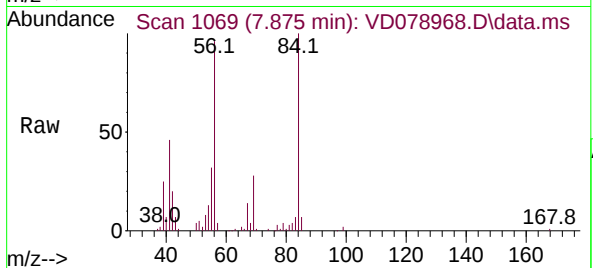
Tgt Ion: 62 Resp: 92347
Ion Ratio Lower Upper
62 100
98 11.2 10.2 15.4



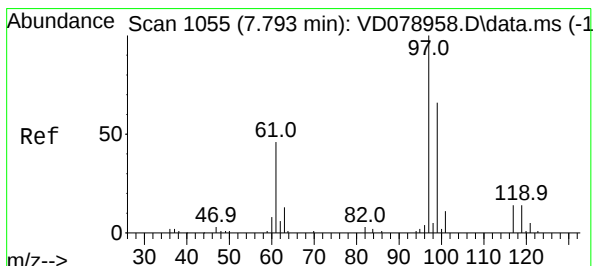
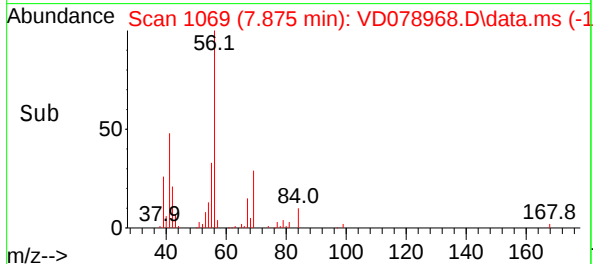
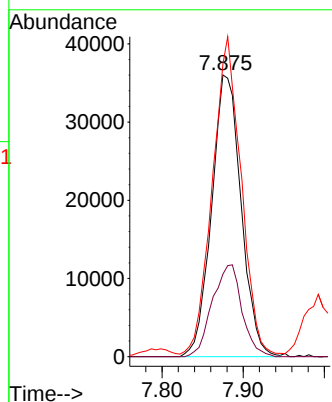


#29
Cyclohexane
Concen: 28.269 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Instrument :
MSVOA_D
ClientSampleId :

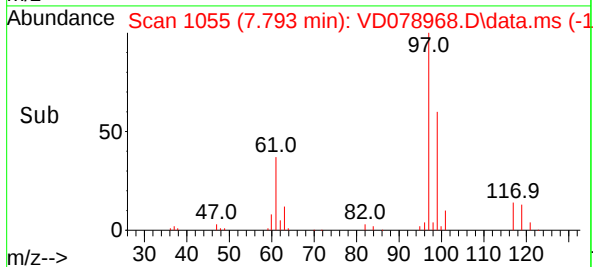
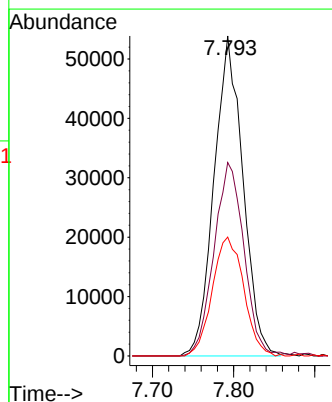
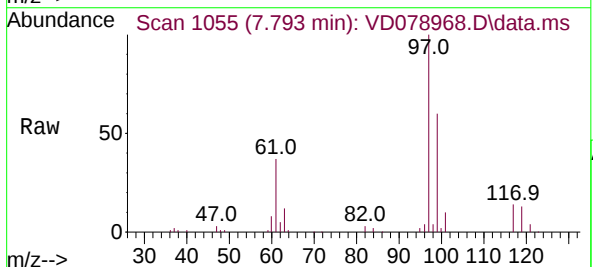


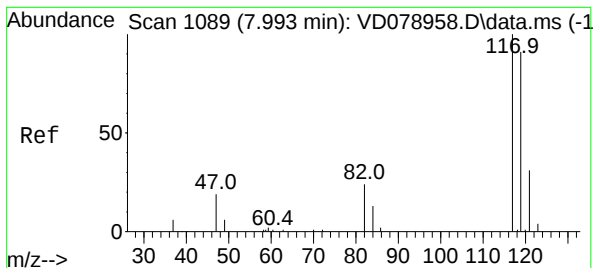
Tgt Ion: 56 Resp: 90755
Ion Ratio Lower Upper
56 100
69 32.8 25.2 37.8
84 111.5 83.4 125.2



#30
1,1,1-Trichloroethane
Concen: 28.757 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion: 97 Resp: 132904
Ion Ratio Lower Upper
97 100
99 62.3 52.6 78.8
61 40.4 32.6 48.8





#31

Carbon tetrachloride

Concen: 28.650 ug/L

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

Instrument :

MSVOA_D

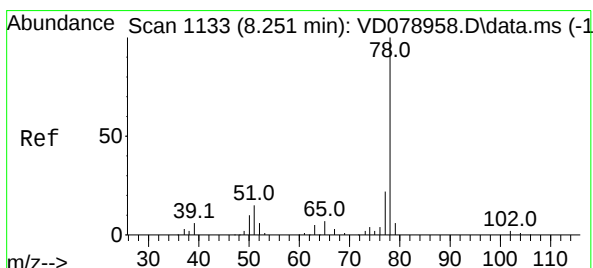
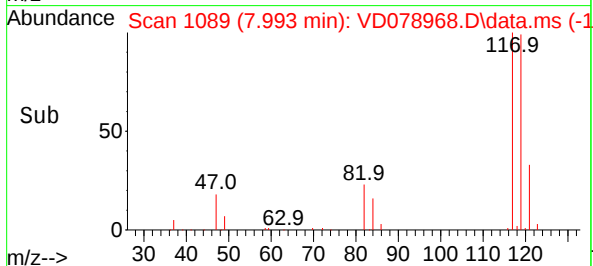
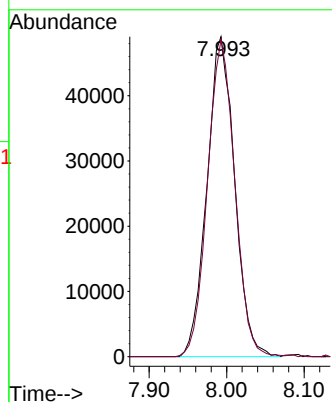
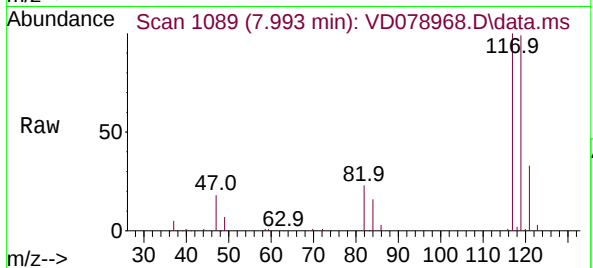
ClientSampleId :

Tgt Ion:117 Resp: 121916

Ion Ratio Lower Upper

117 100

119 97.5 77.7 116.5



#33

Benzene

Concen: 28.448 ug/L

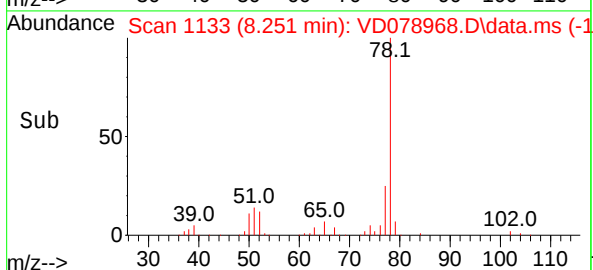
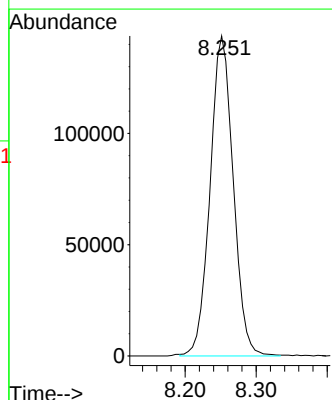
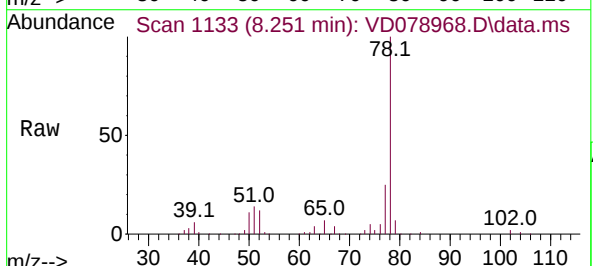
RT: 8.251 min Scan# 1133

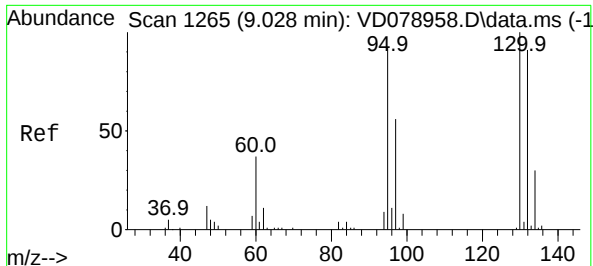
Delta R.T. -0.000 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

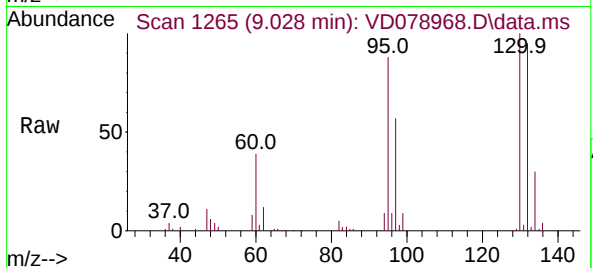
Tgt Ion: 78 Resp: 325733



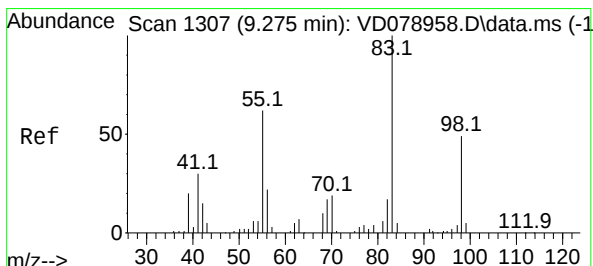
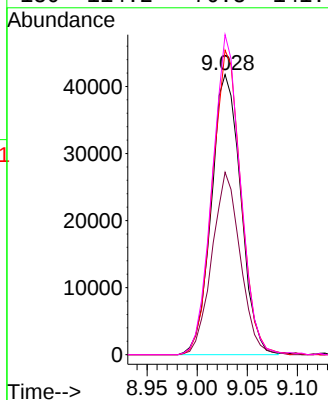
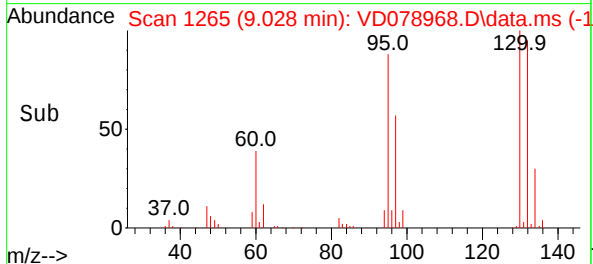


#34
Trichloroethene
Concen: 28.834 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

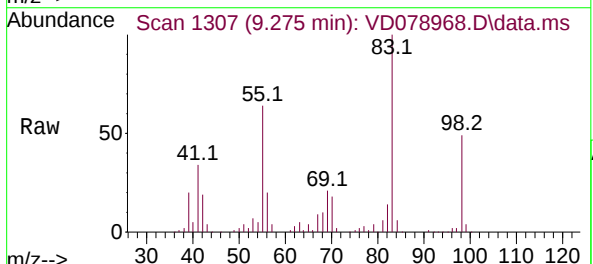
Instrument :
MSVOA_D
ClientSampleId :



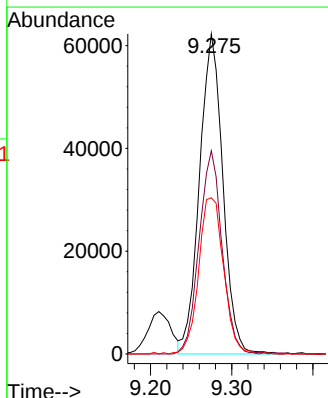
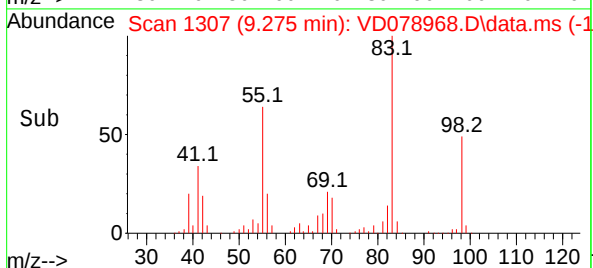
Tgt Ion: 95 Resp: 85057
Ion Ratio Lower Upper
95 100
97 65.1 42.6 79.2
132 108.7 69.5 129.1
130 114.2 76.3 141.7

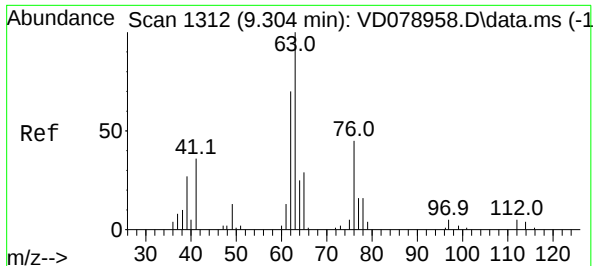


#35
Methylcyclohexane
Concen: 28.071 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29



Tgt Ion: 83 Resp: 124490
Ion Ratio Lower Upper
83 100
55 62.0 49.0 73.6
98 52.1 40.1 60.1

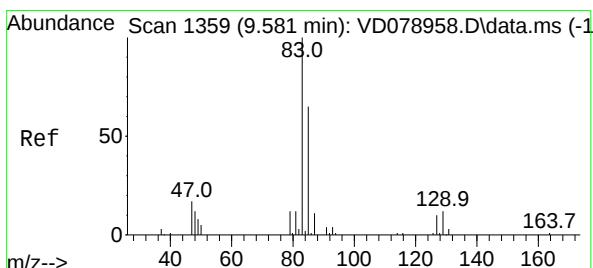
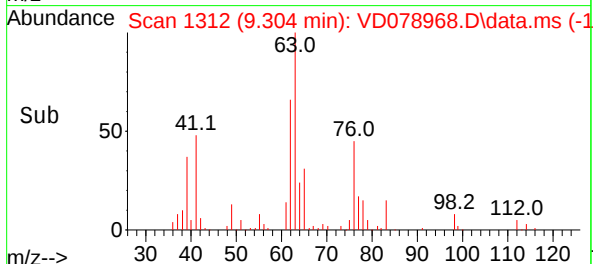
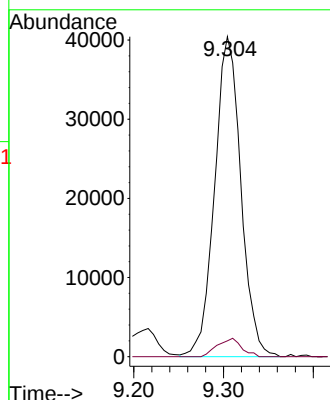
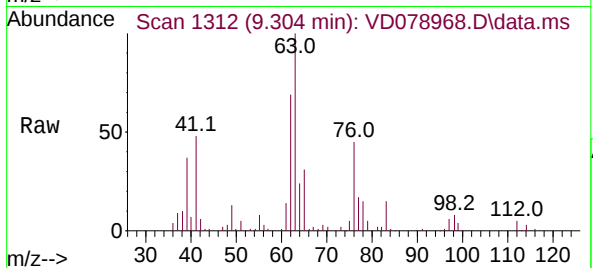




#37
1,2-Dichloropropane
Concen: 28.332 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

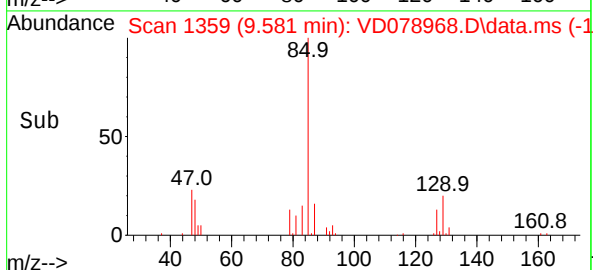
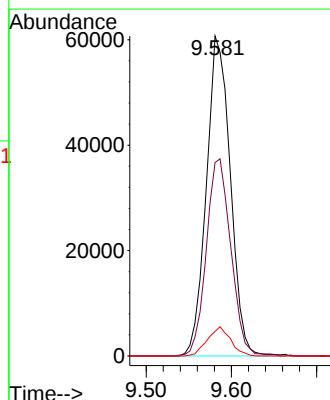
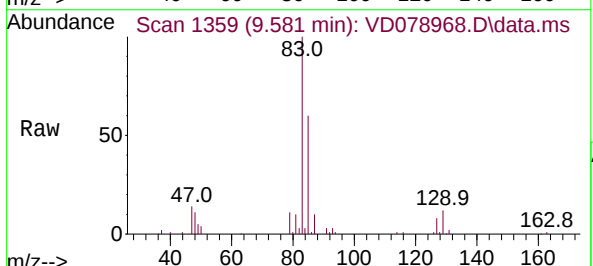
Instrument :
MSVOA_D
ClientSampleId :

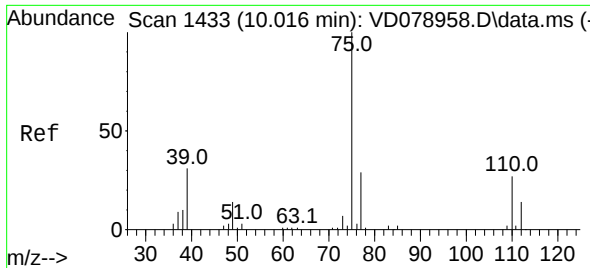
Tgt Ion: 63 Resp: 82211
Ion Ratio Lower Upper
63 100
112 5.3 4.1 6.1



#38
Bromodichloromethane
Concen: 28.883 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion: 83 Resp: 118516
Ion Ratio Lower Upper
83 100
85 60.5 45.4 84.4
127 7.7 7.6 11.4

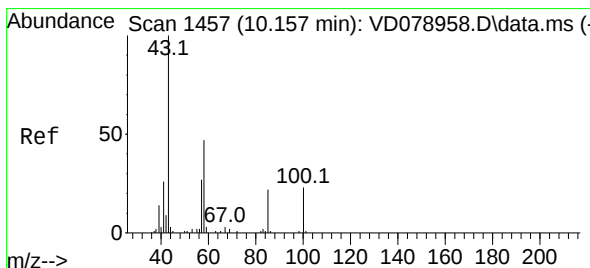
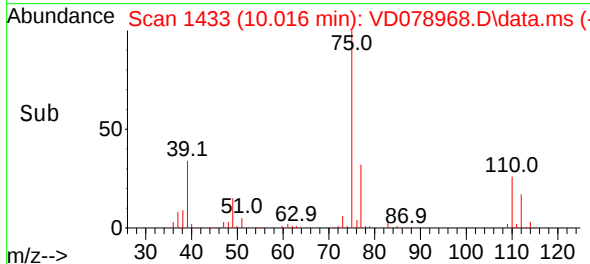
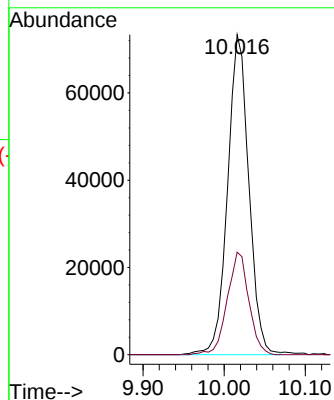
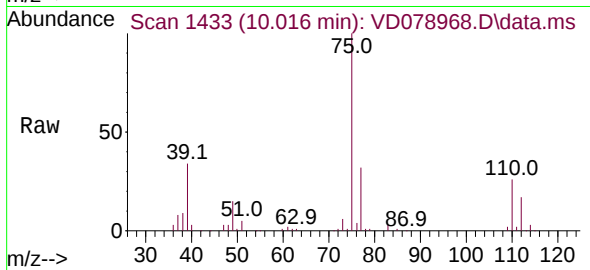




#39
cis-1,3-Dichloropropene
Concen: 29.258 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

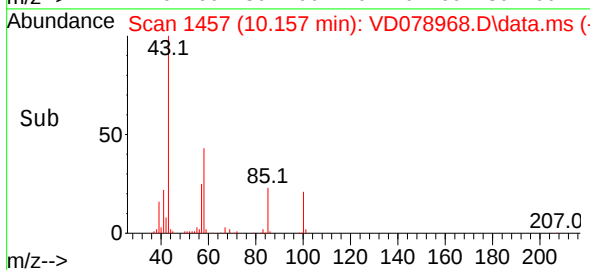
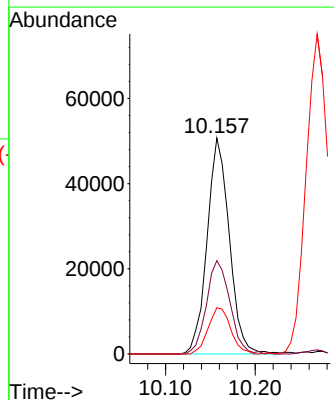
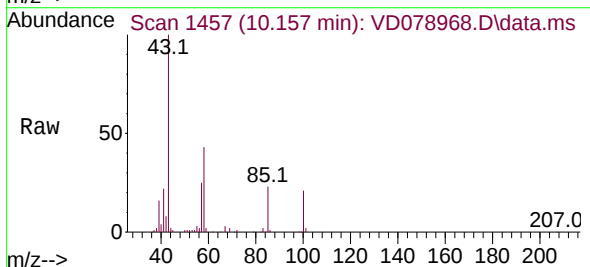
Instrument :
MSVOA_D
ClientSampleId :

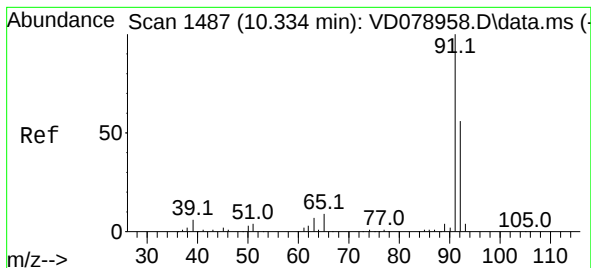
Tgt Ion: 75 Resp: 133184
Ion Ratio Lower Upper
75 100
77 32.1 20.0 37.2



#40
4-Methyl-2-pentanone
Concen: 59.569 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion: 43 Resp: 87311
Ion Ratio Lower Upper
43 100
58 45.1 38.0 57.0
100 21.7 17.3 25.9





#42

Toluene

Concen: 29.461 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

Instrument :

MSVOA_D

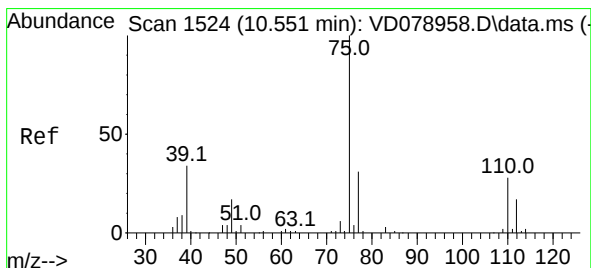
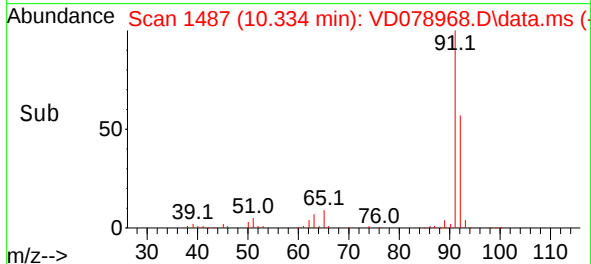
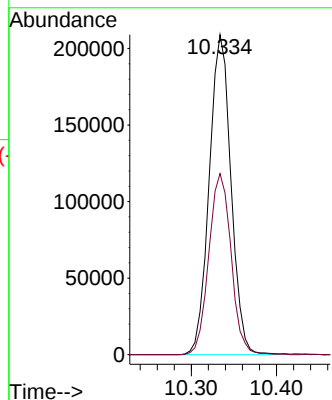
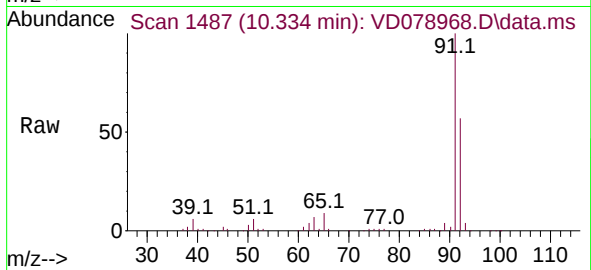
ClientSampleId :

Tgt Ion: 91 Resp: 370874

Ion Ratio Lower Upper

91 100

92 56.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 29.596 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078968.D

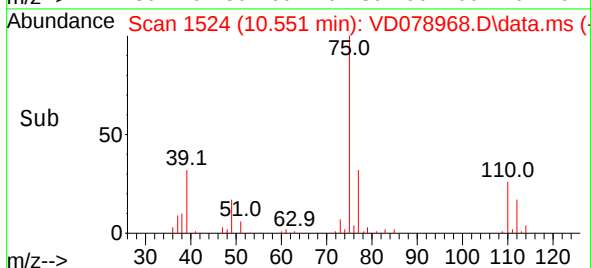
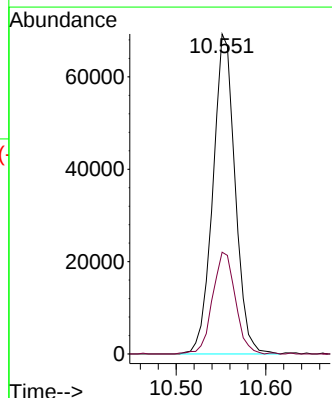
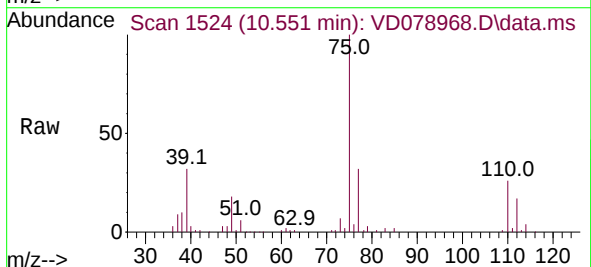
Acq: 20 May 2024 11:29

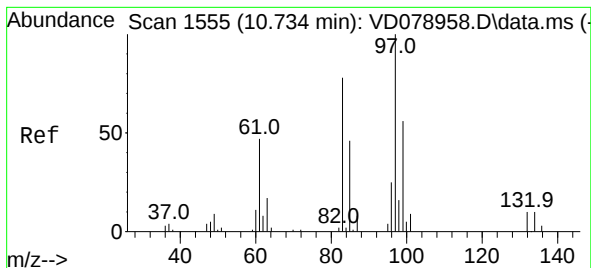
Tgt Ion: 75 Resp: 119105

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 29.094 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 77198

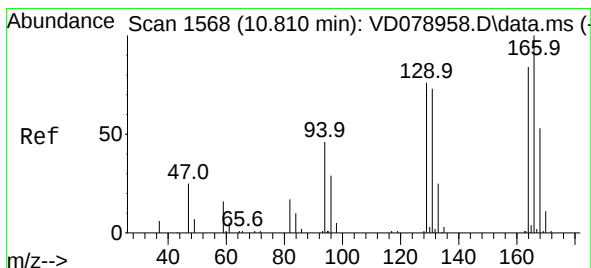
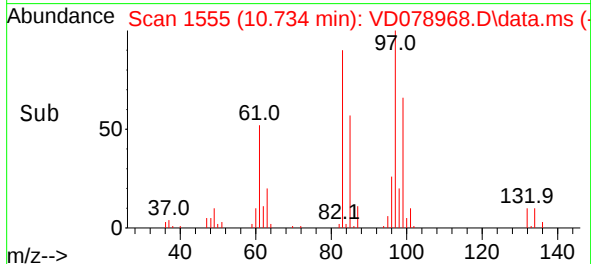
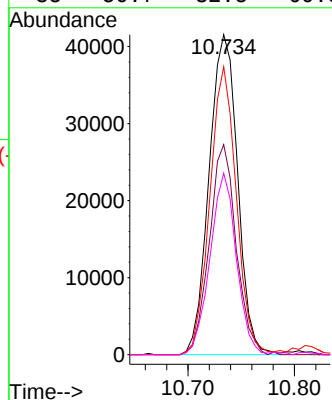
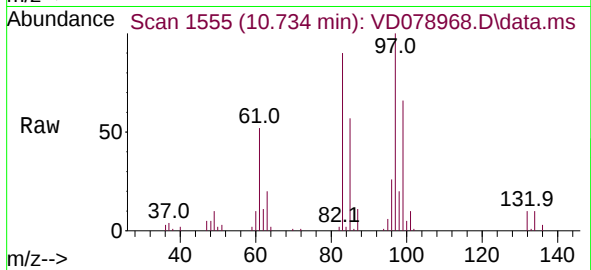
Ion Ratio Lower Upper

97 100

99 65.7 39.1 72.7

83 89.9 54.6 101.4

85 56.7 32.5 60.3



#46

Tetrachloroethene

Concen: 27.956 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

Tgt Ion:164 Resp: 70954

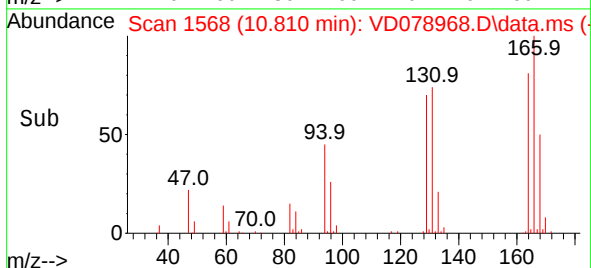
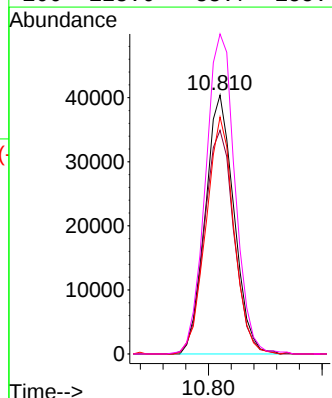
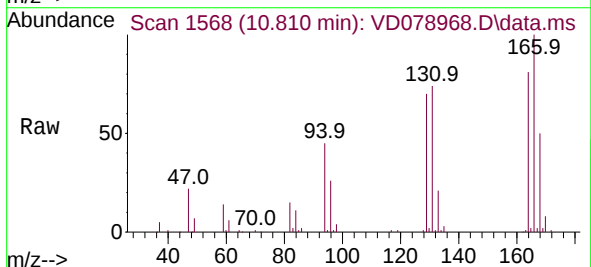
Ion Ratio Lower Upper

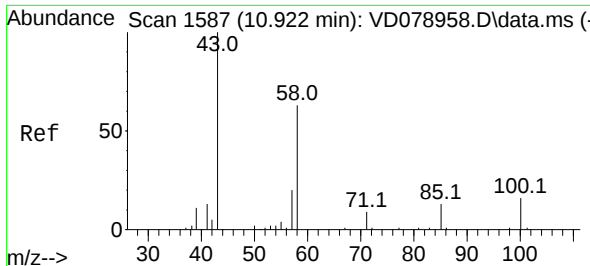
164 100

129 86.4 63.3 117.7

131 91.5 60.8 112.8

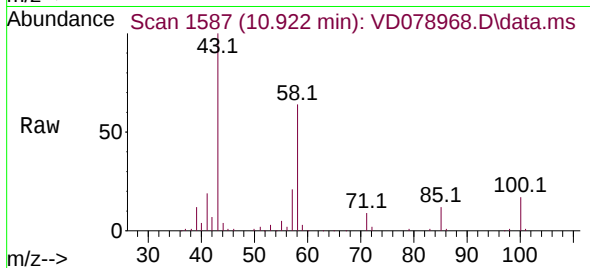
166 123.6 83.7 155.4



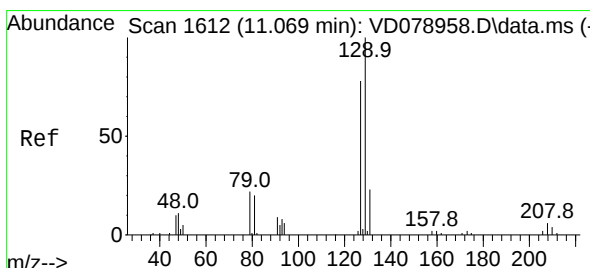
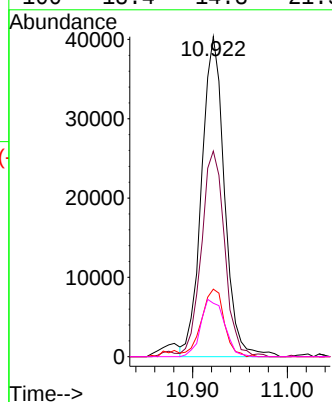
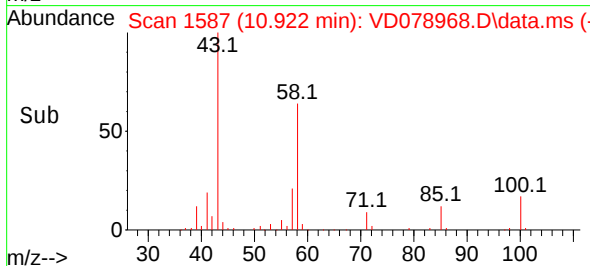


#48
2-Hexanone
Concen: 59.724 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Instrument :
MSVOA_D
ClientSampleId :

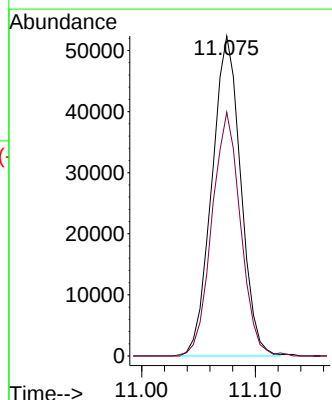
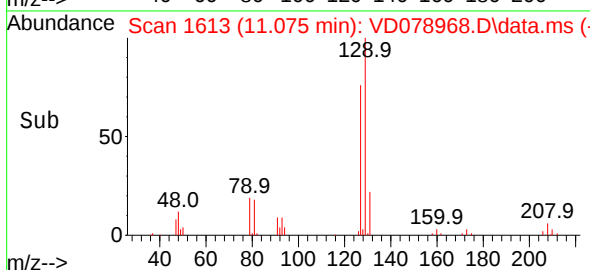
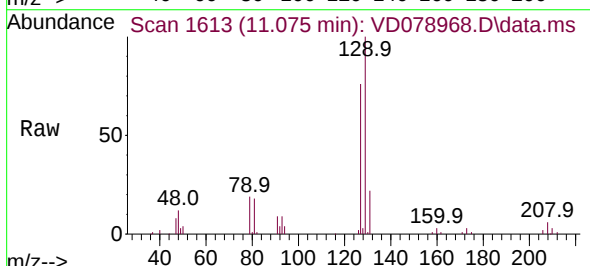


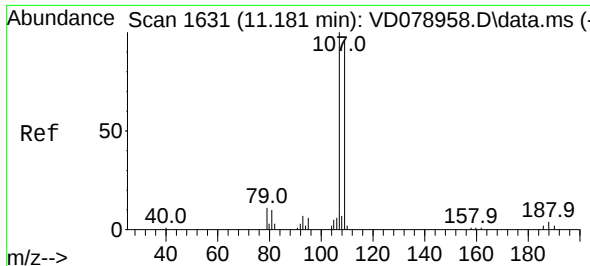
Tgt Ion: 43	Resp: 67860
Ion Ratio	Lower Upper
43 100	
58 64.9	53.4 80.2
57 20.9	17.0 25.4
100 18.4	14.3 21.5



#49
Dibromochloromethane
Concen: 28.633 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt	Ion:129	Resp:	92366
Ion	Ratio	Lower	Upper
129	100		
127	76.2	54.8	101.8





#50

1,2-Dibromoethane

Concen: 27.550 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

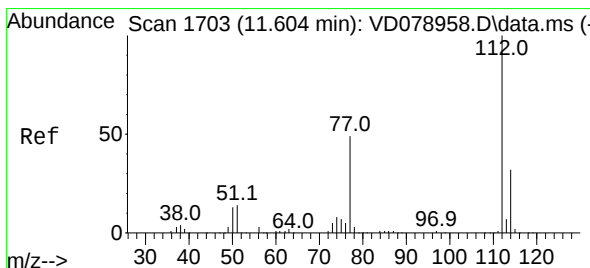
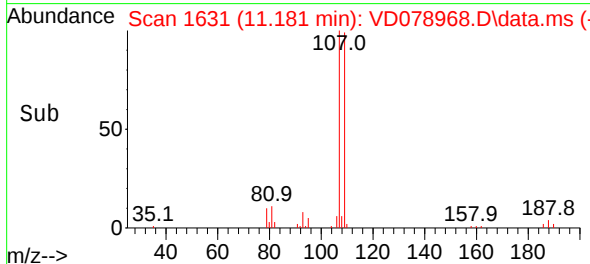
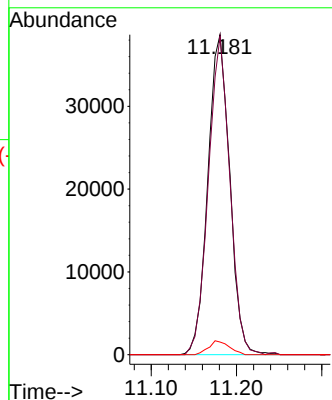
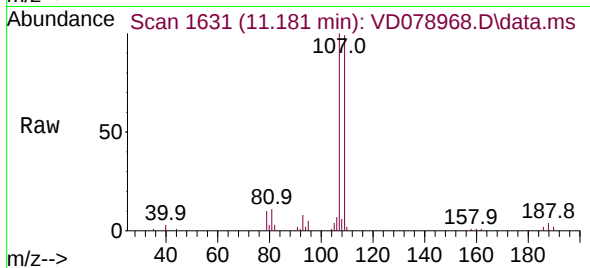
Tgt Ion:107 Resp: 69052

Ion Ratio Lower Upper

107 100

109 99.4 67.0 124.4

188 3.9 3.4 5.2



#51

Chlorobenzene

Concen: 27.718 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

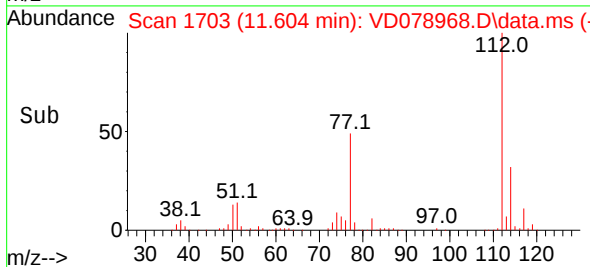
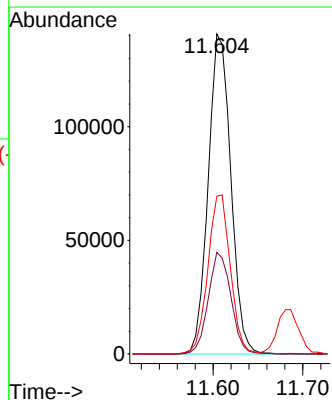
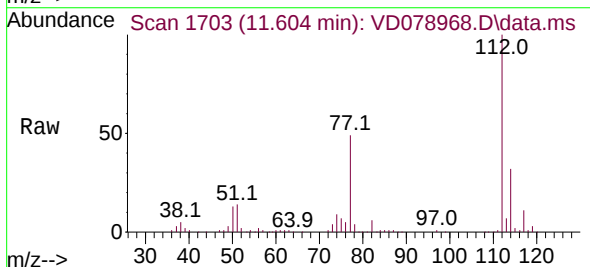
Tgt Ion:112 Resp: 246514

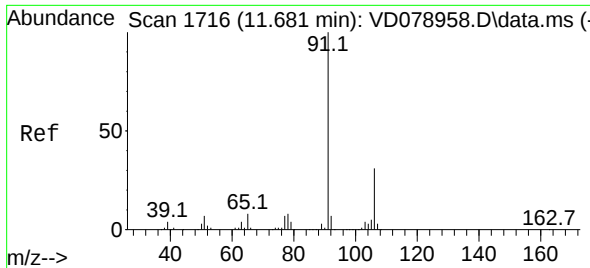
Ion Ratio Lower Upper

112 100

114 31.7 22.5 41.9

77 49.3 39.4 59.0

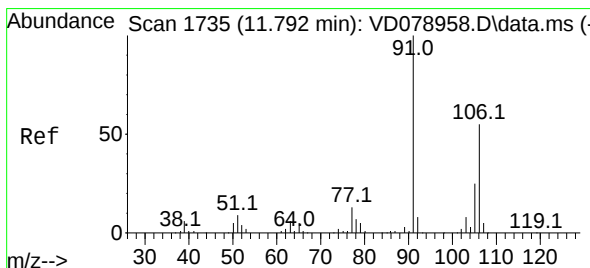
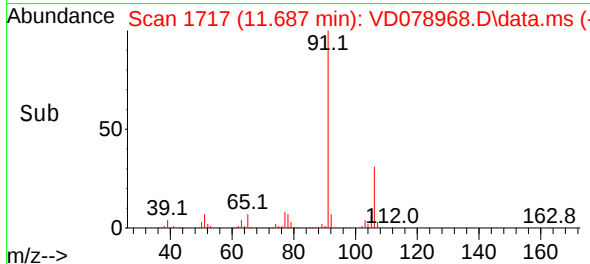
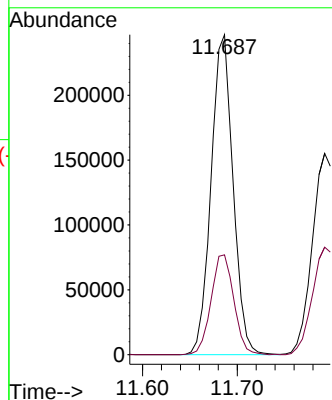
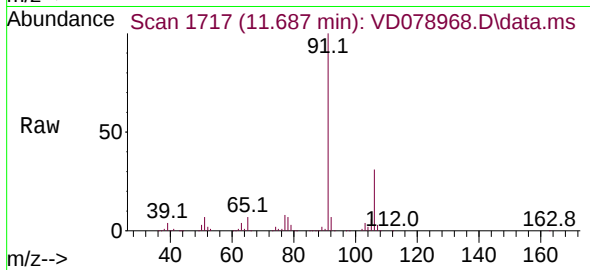




#52
Ethylbenzene
Concen: 29.323 ug/L
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

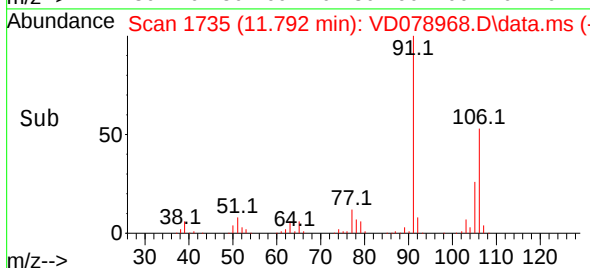
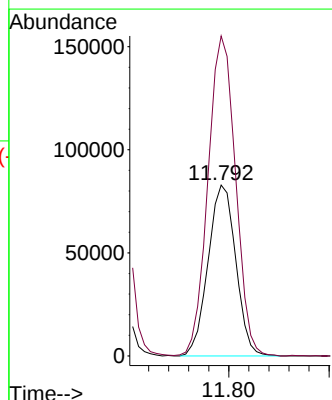
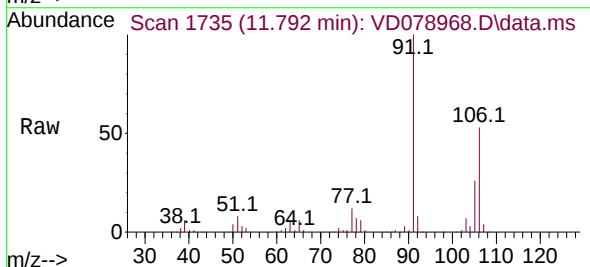
Instrument :
MSVOA_D
ClientSampleId :

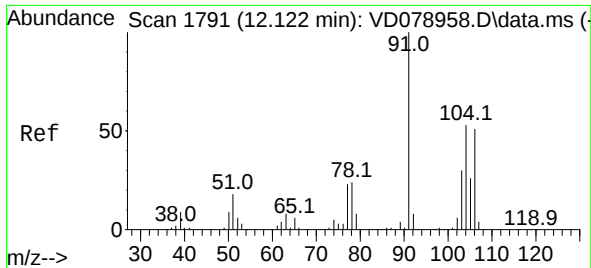
Tgt Ion: 91 Resp: 398393
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.2



#53
m,p-Xylene
Concen: 29.205 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion:106 Resp: 158738
Ion Ratio Lower Upper
106 100
91 187.2 128.3 238.3

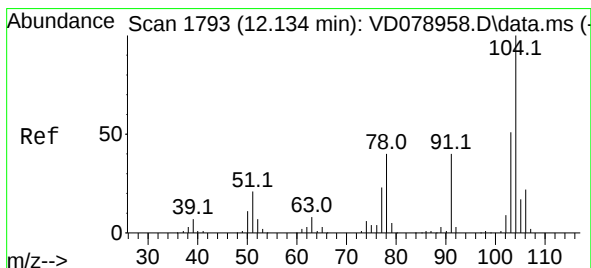
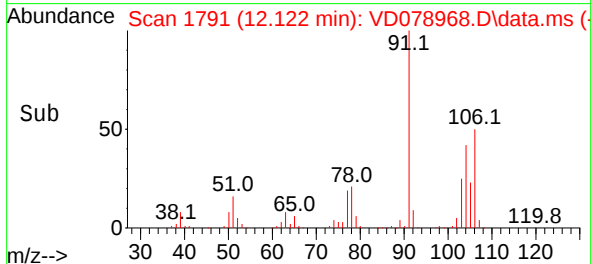
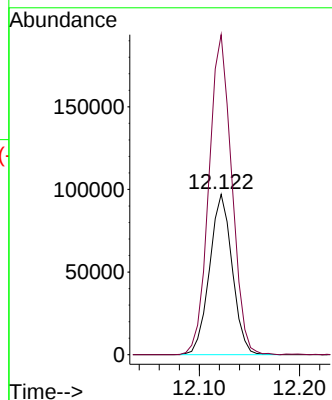
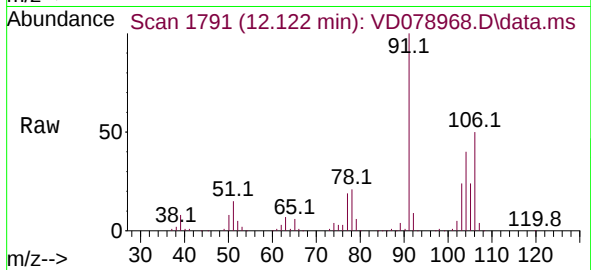




#54
o-Xylene
Concen: 28.800 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

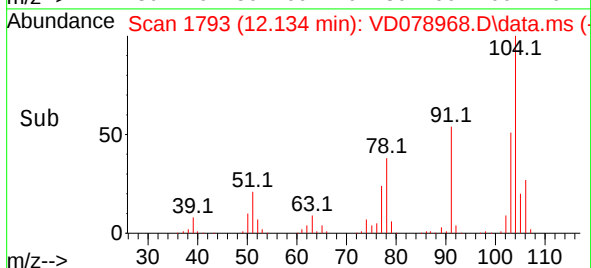
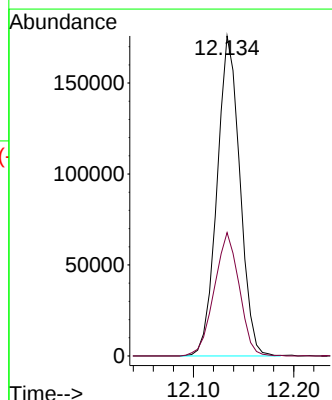
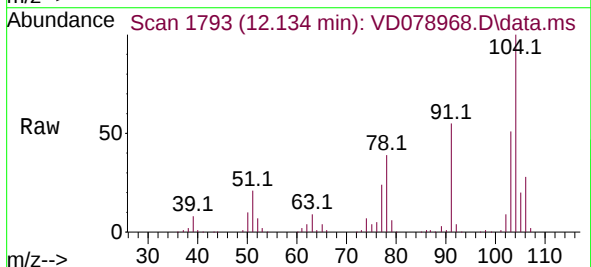
Instrument :
MSVOA_D
ClientSampleId :

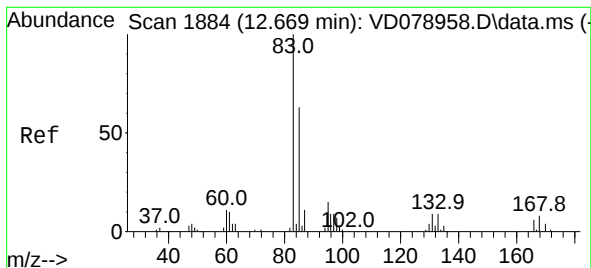
Tgt Ion:106 Resp: 152465
Ion Ratio Lower Upper
106 100
91 199.6 138.3 256.9



#55
Styrene
Concen: 29.753 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion:104 Resp: 278336
Ion Ratio Lower Upper
104 100
78 38.5 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.880 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

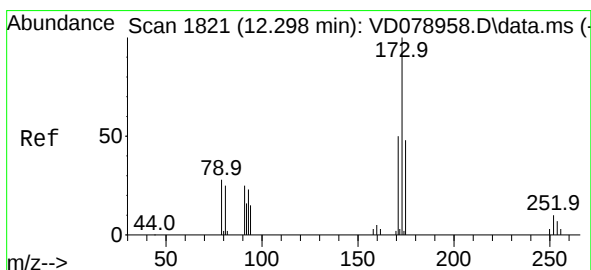
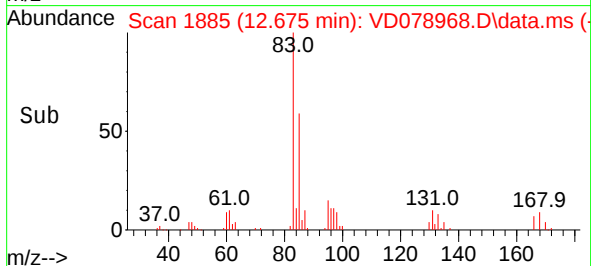
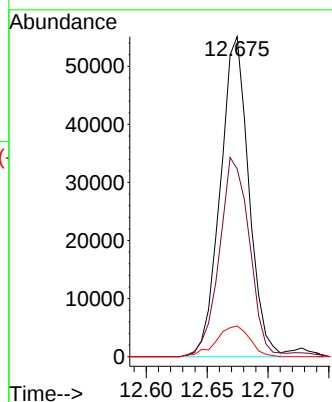
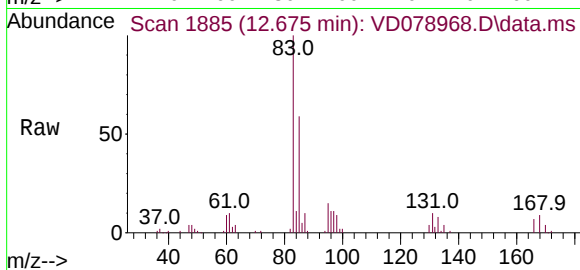
Tgt Ion: 83 Resp: 89726

Ion Ratio Lower Upper

83 100

85 58.7 44.3 82.3

131 9.6 7.5 11.3



#59

Bromoform

Concen: 27.227 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

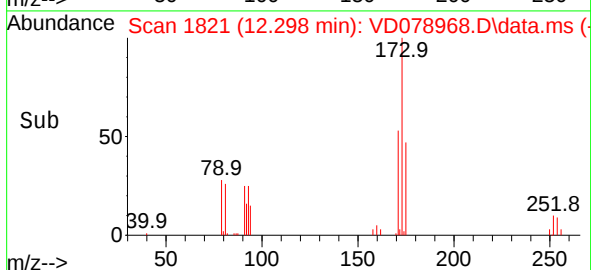
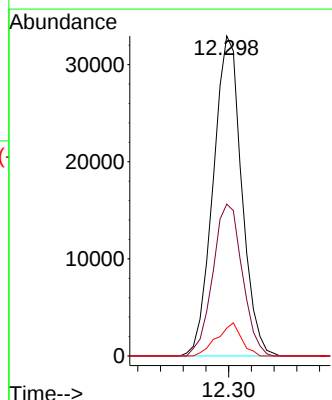
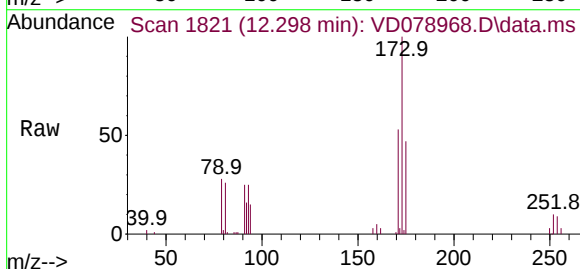
Tgt Ion:173 Resp: 57474

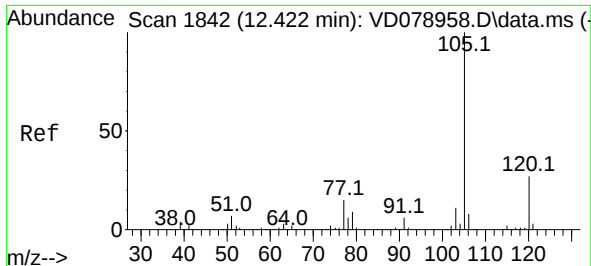
Ion Ratio Lower Upper

173 100

175 49.1 40.0 60.0

254 8.9 6.3 9.5

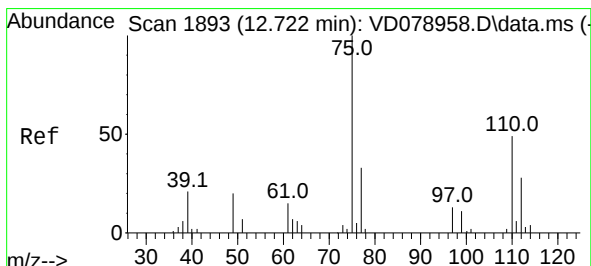
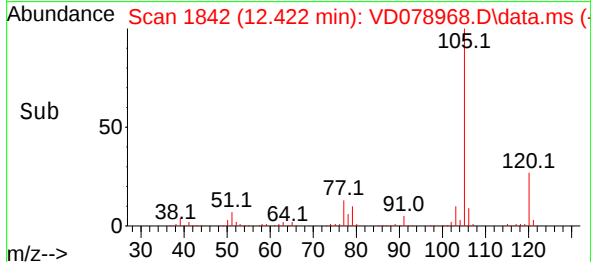
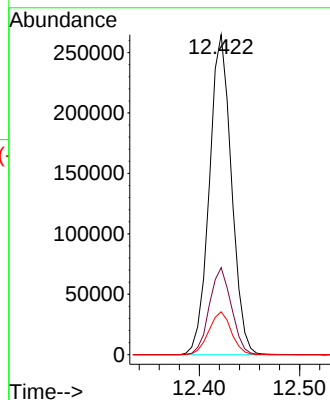
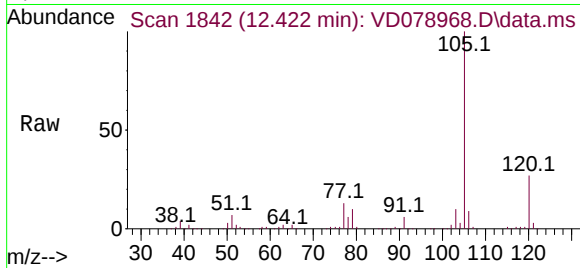




#60
Isopropylbenzene
Concen: 29.466 ug/L
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

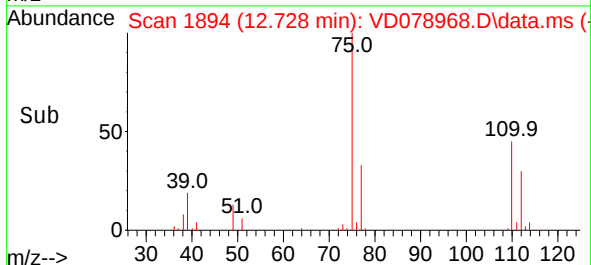
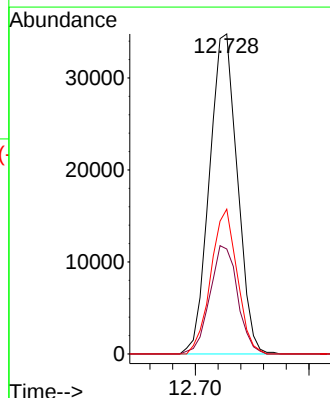
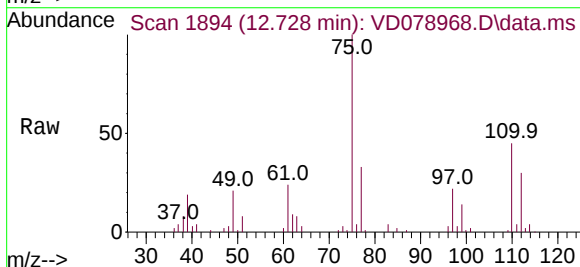
Instrument :
MSVOA_D
ClientSampleId :

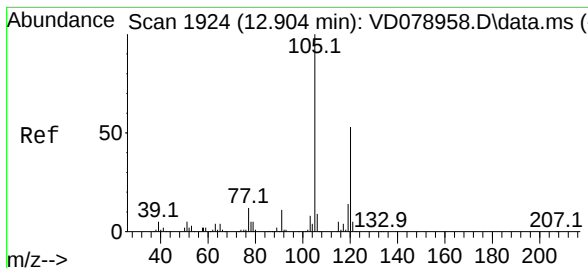
Tgt Ion:105 Resp: 406305
Ion Ratio Lower Upper
105 100
120 27.1 21.8 32.8
77 13.6 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 27.781 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion: 75 Resp: 59393
Ion Ratio Lower Upper
75 100
77 33.6 26.2 39.2
110 42.6 37.1 55.7

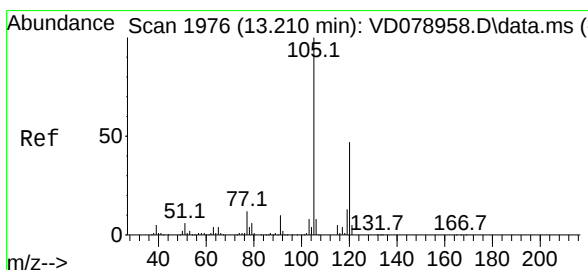
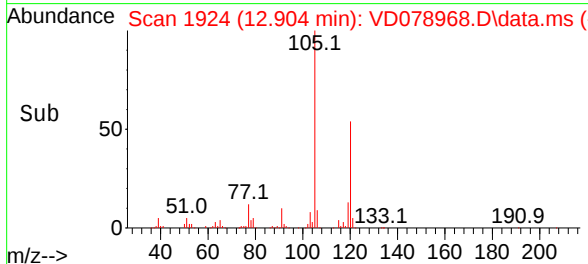
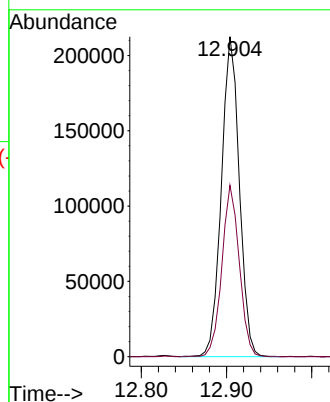
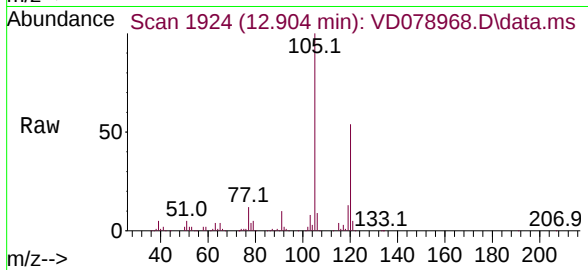




#62
1,3,5-Trimethylbenzene
Concen: 30.532 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

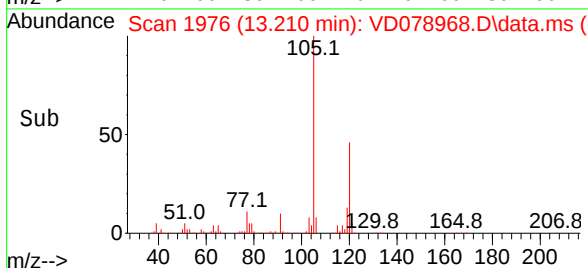
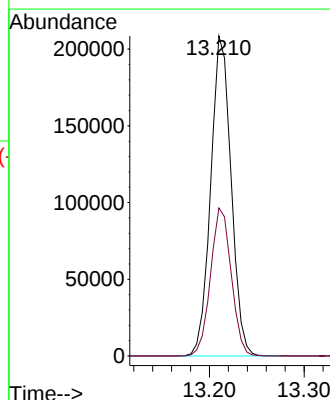
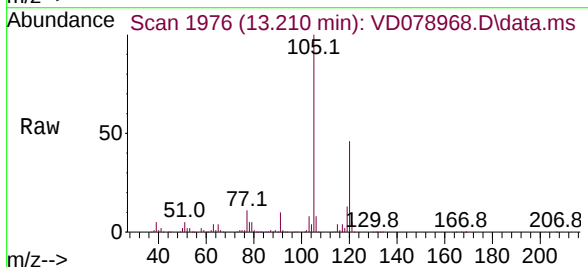
Instrument :
MSVOA_D
ClientSampleId :

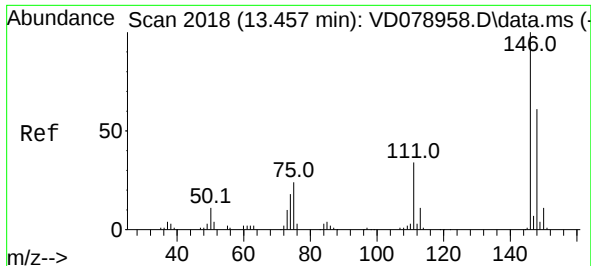
Tgt Ion:105 Resp: 311187
Ion Ratio Lower Upper
105 100
120 52.0 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 30.166 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion:105 Resp: 312421
Ion Ratio Lower Upper
105 100
120 46.9 38.8 58.2

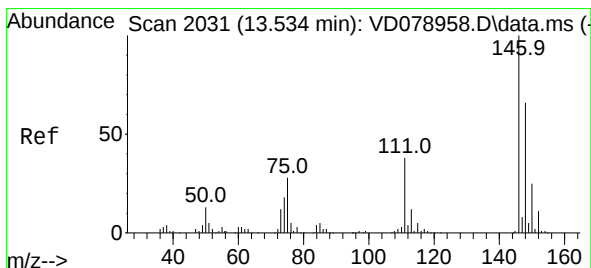
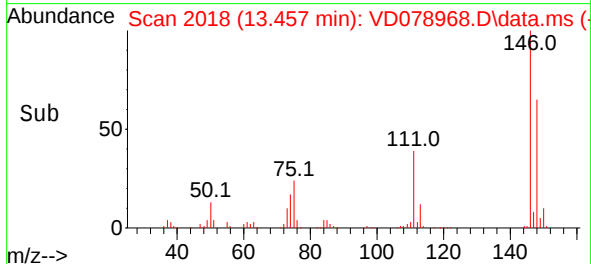
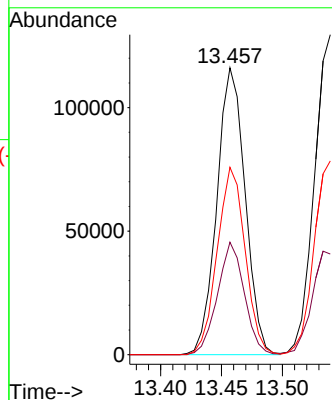
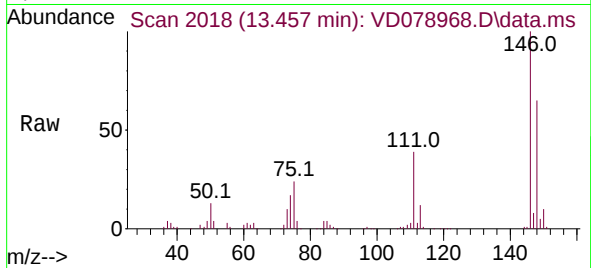




#64
1,3-Dichlorobenzene
Concen: 28.077 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

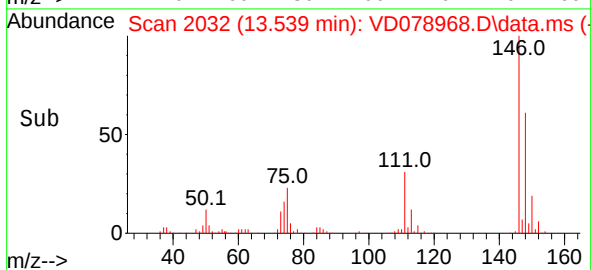
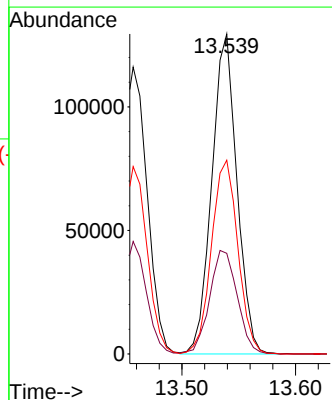
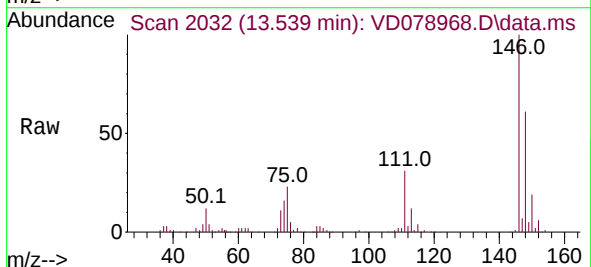
Instrument :
MSVOA_D
ClientSampleId :

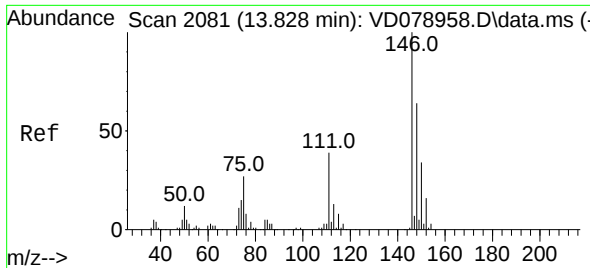
Tgt Ion:146 Resp: 188025
Ion Ratio Lower Upper
146 100
111 39.2 24.0 44.6
148 65.3 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 27.605 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078968.D
Acq: 20 May 2024 11:29

Tgt Ion:146 Resp: 199306
Ion Ratio Lower Upper
146 100
111 31.5 26.9 50.1
148 60.5 46.4 86.2





#67

1,2-Dichlorobenzene

Concen: 28.052 ug/L

RT: 13.833 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

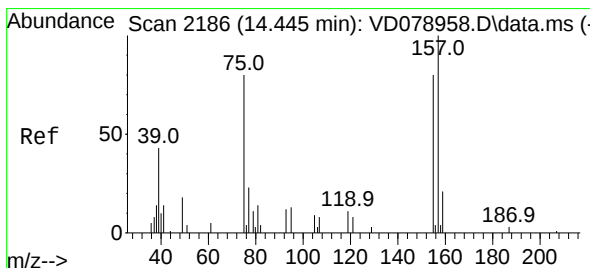
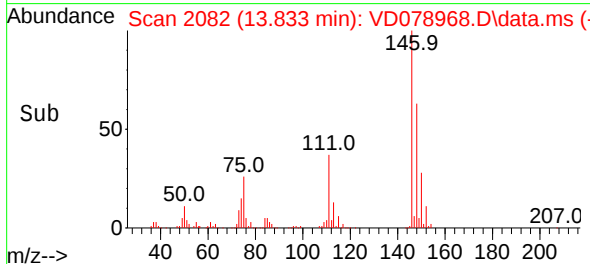
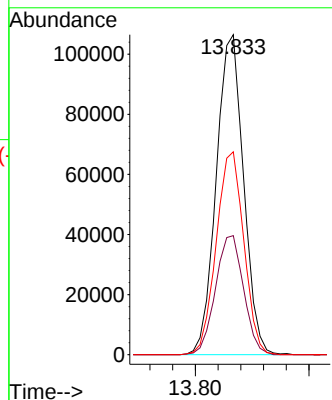
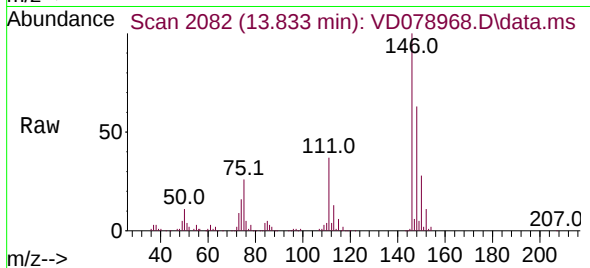
Tgt Ion:146 Resp: 177801

Ion Ratio Lower Upper

146 100

111 37.2 30.9 46.3

148 63.4 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.829 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

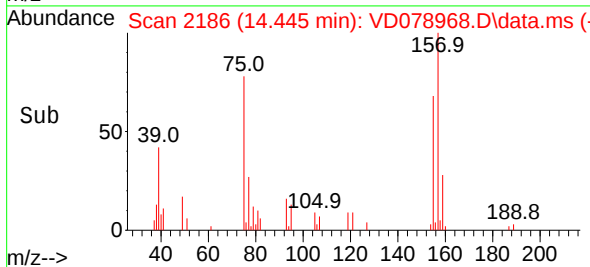
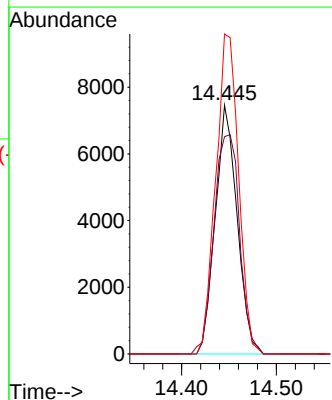
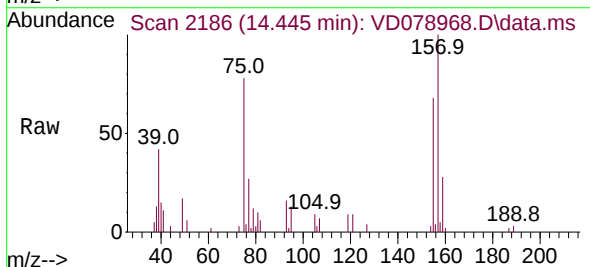
Tgt Ion: 75 Resp: 11948

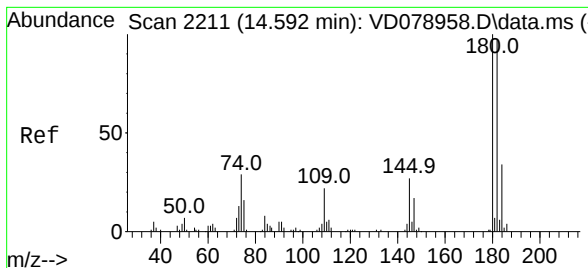
Ion Ratio Lower Upper

75 100

155 87.3 79.8 119.6

157 128.6 99.9 149.9





#69

1,3,5-Trichlorobenzene

Concen: 27.890 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min MSVOA_D

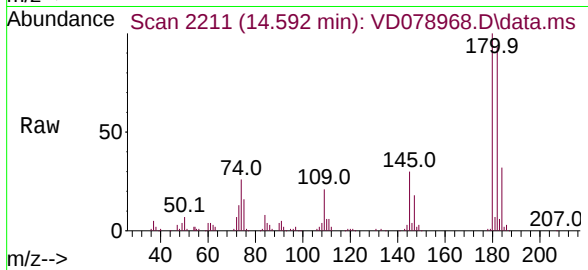
Lab File: VD078968.D

Acq: 20 May 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 121304

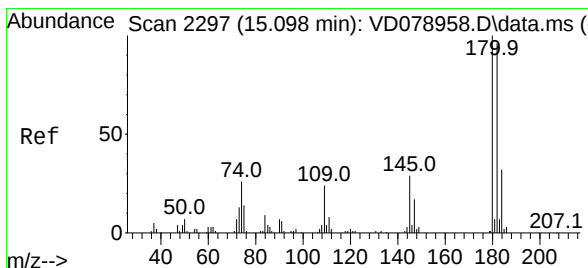
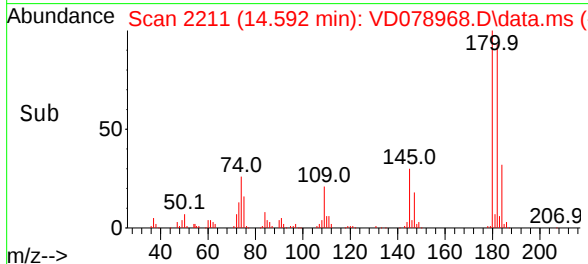
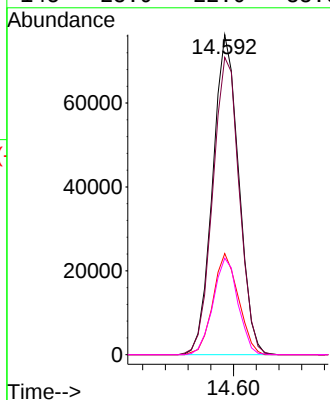
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

184 30.9 24.9 37.3

145 28.9 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 27.857 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

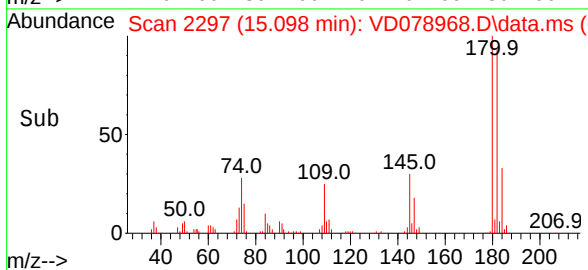
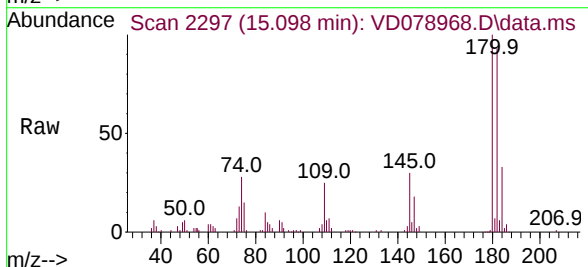
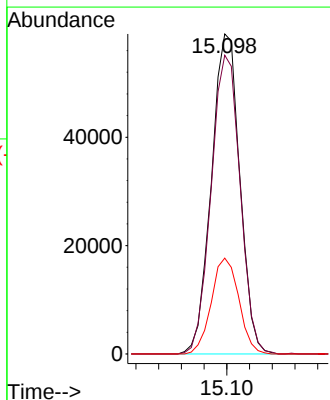
Tgt Ion:180 Resp: 102569

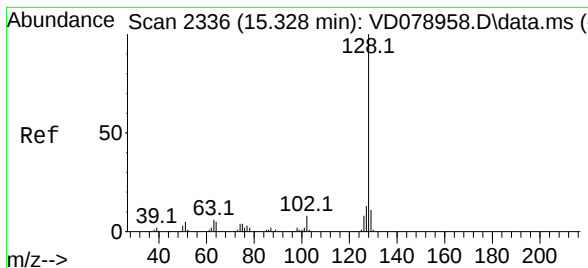
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 29.0 22.8 34.2





#71

Naphthalene

Concen: 28.415 ug/L

RT: 15.333 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

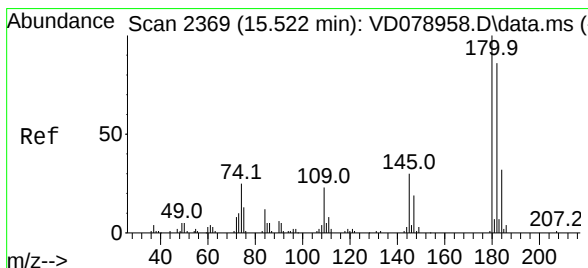
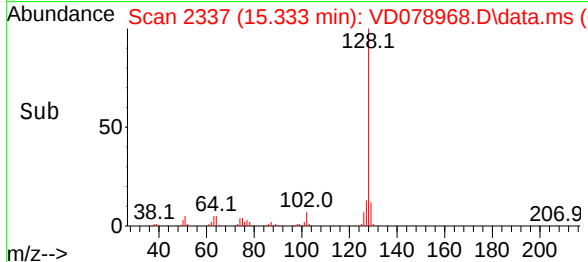
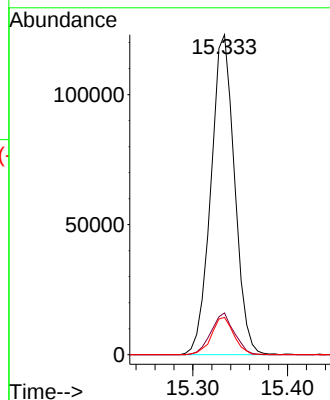
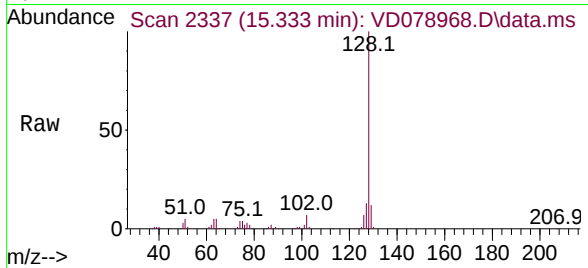
Tgt Ion:128 Resp: 213459

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 27.816 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078968.D

Acq: 20 May 2024 11:29

Tgt Ion:180 Resp: 95730

Ion Ratio Lower Upper

180 100

182 96.9 77.2 115.8

145 30.9 24.4 36.6

