

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071957.D
 Acq On : 14 Feb 2022 15:18
 Operator : VA/SY
 Sample : N1521-07
 Misc : 6.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-A

Quant Time: Feb 15 00:36:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

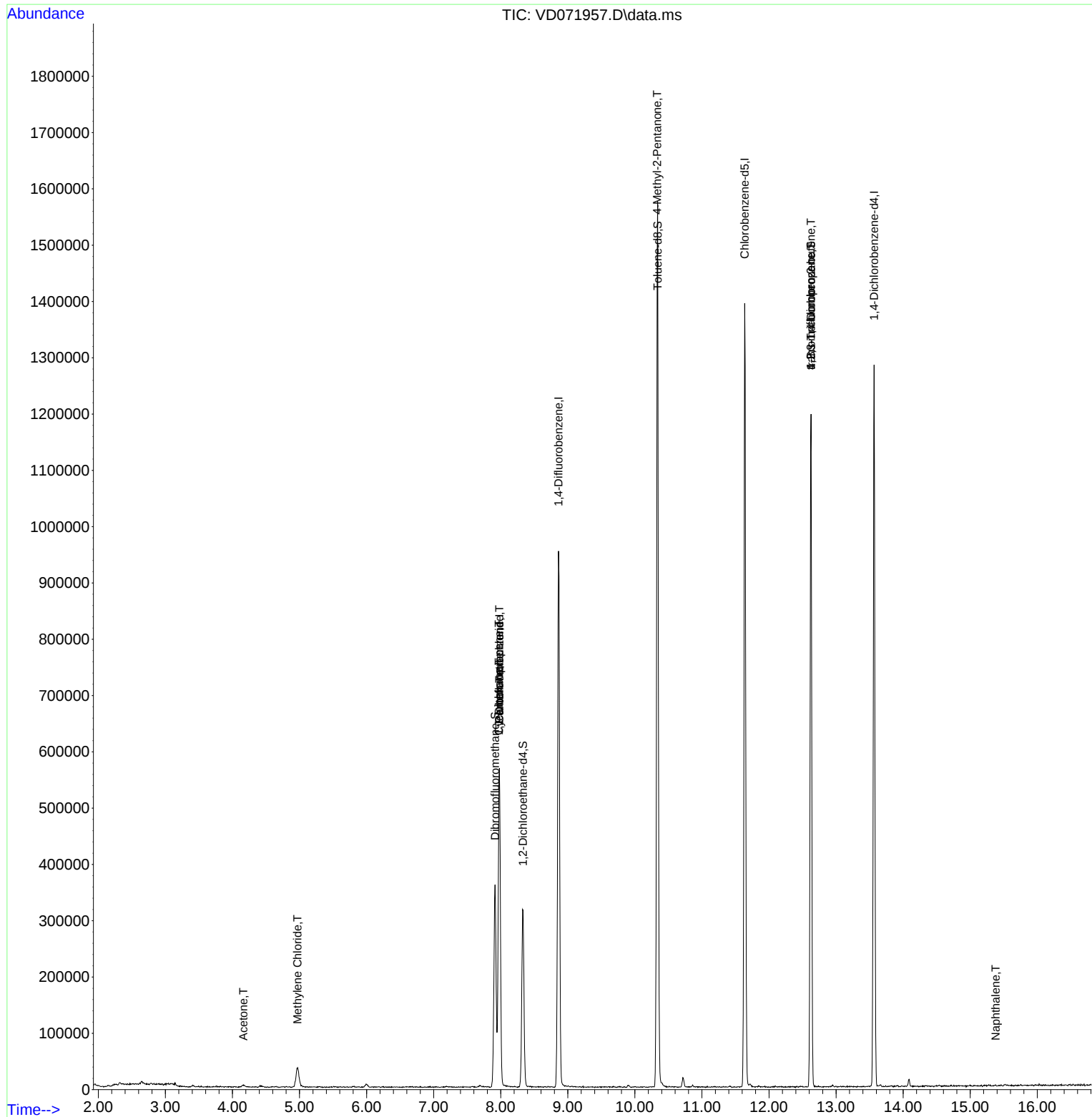
Internal Standards						
1) Pentafluorobenzene	7.979	168	394646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	778317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	737653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	316321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	257390	51.601	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.200%			
35) Dibromofluoromethane	7.914	113	247738	48.423	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.840%			
50) Toluene-d8	10.338	98	995061	52.079	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.626	95	328902	49.293	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.580%			
Target Compounds						
11) Tert butyl alcohol	5.226	59	136	Below Cal	#	74
16) Acetone	4.162	43	6646	4.867	ug/l #	75
20) Methylene Chloride	4.967	84	24616	1.296	ug/l #	78
31) Cyclohexane	7.973	56	11034	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	37205	4.237	ug/l #	50
38) Carbon Tetrachloride	7.979	117	43773	5.041	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	5531	1.440	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	183643	55.088	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	183643	135.449	ug/l #	7
95) Naphthalene	15.379	128	144	1.467	ug/l #	70

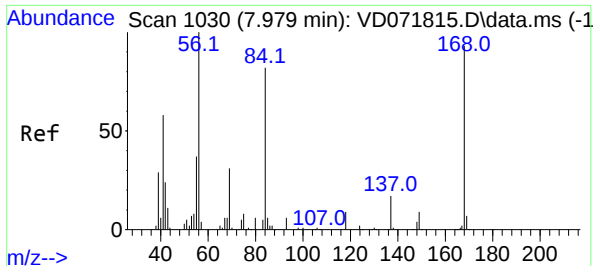
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

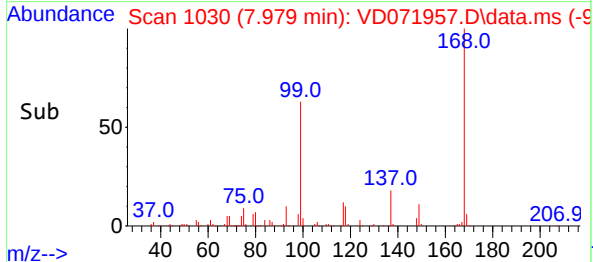
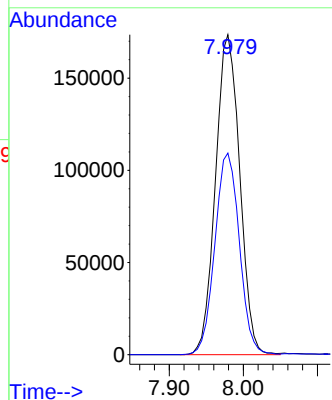
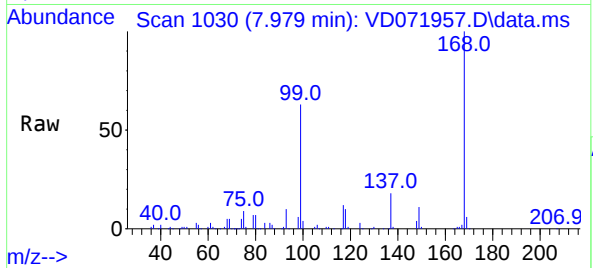




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

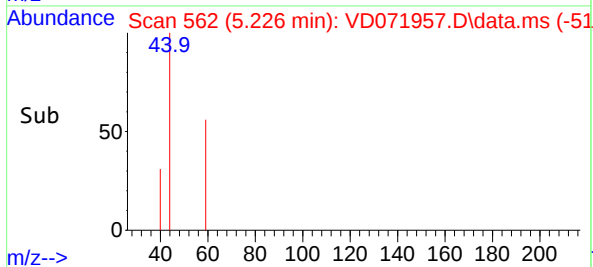
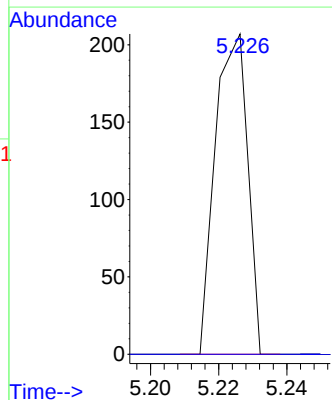
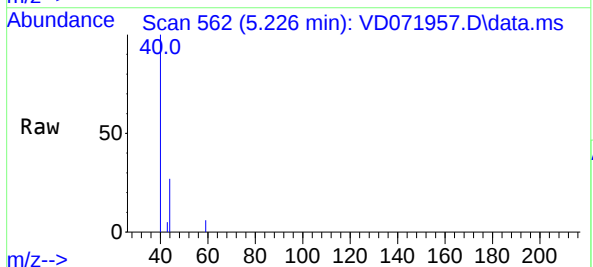
Instrument :
MSVOA_D
ClientSampleId :
TP2-A

Tgt Ion:168 Resp: 394646
Ion Ratio Lower Upper
168 100
99 63.0 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Tgt Ion: 59 Resp: 136
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

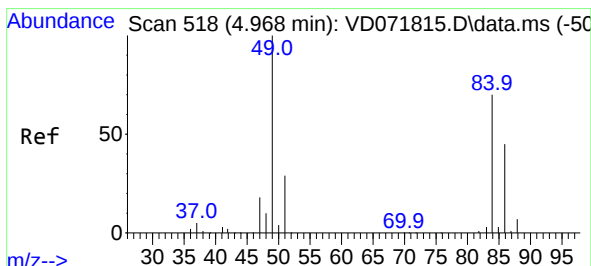
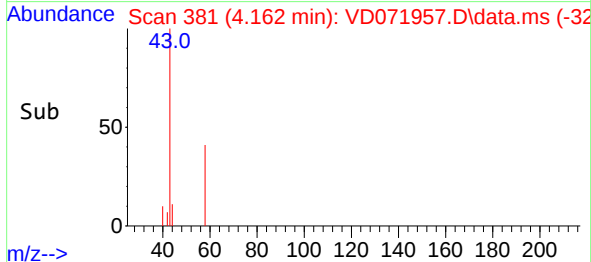
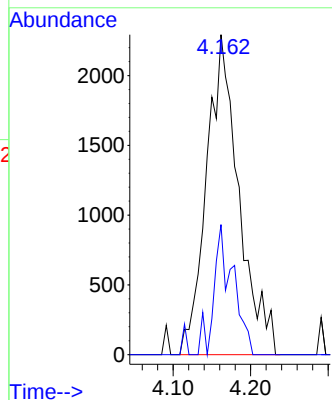
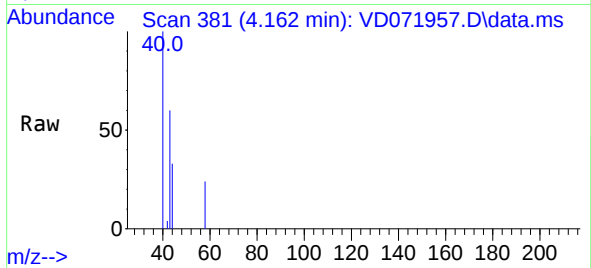




#16
Acetone
Concen: 4.867 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

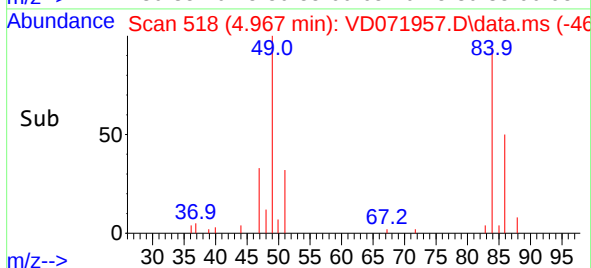
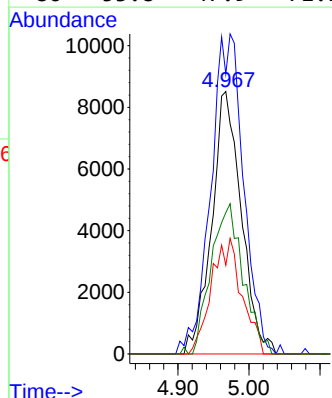
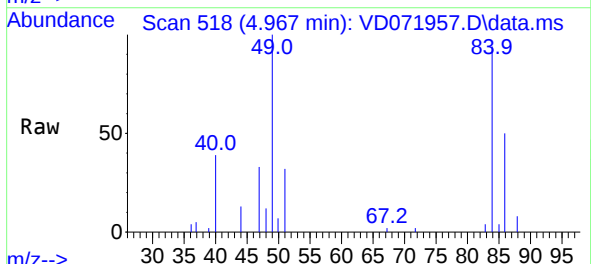
Instrument :
MSVOA_D
ClientSampleId :
TP2-A

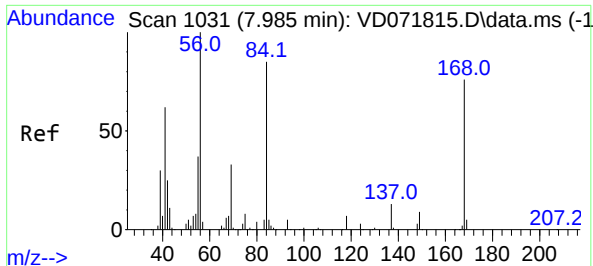
Tgt Ion: 43 Resp: 6646
Ion Ratio Lower Upper
43 100
58 40.6 22.1 33.1#



#20
Methylene Chloride
Concen: 1.296 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Tgt Ion: 84 Resp: 24616
Ion Ratio Lower Upper
84 100
49 103.2 112.8 169.2#
51 33.9 32.6 48.8
86 53.8 47.9 71.9





#31

Cyclohexane

Concen: 1.159 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071957.D

Acq: 14 Feb 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

TP2-A

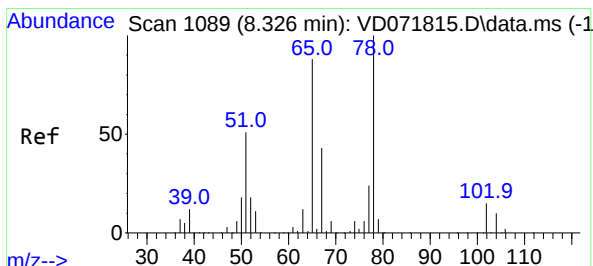
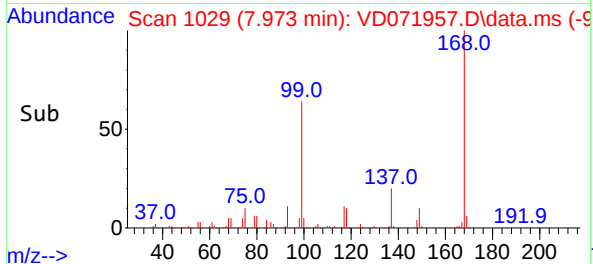
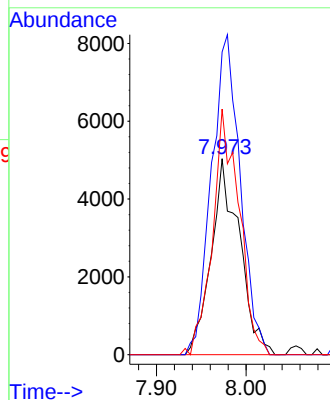
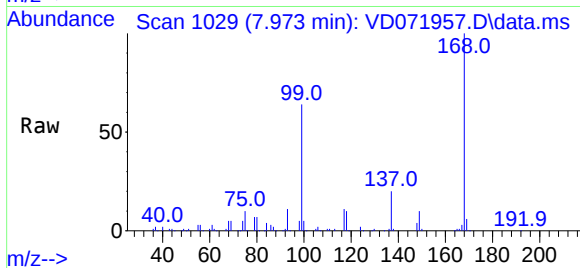
Tgt Ion: 56 Resp: 11034

Ion Ratio Lower Upper

56 100

69 154.4 25.4 38.2#

84 125.3 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 51.601 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071957.D

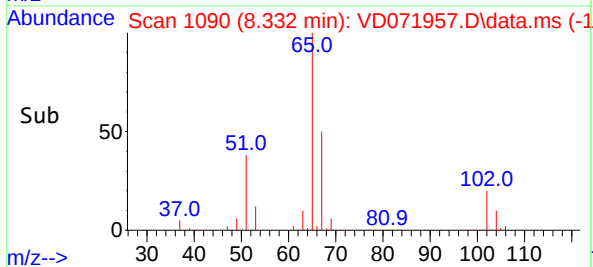
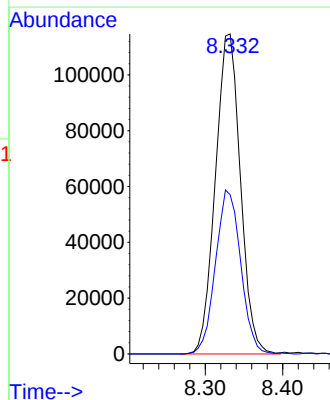
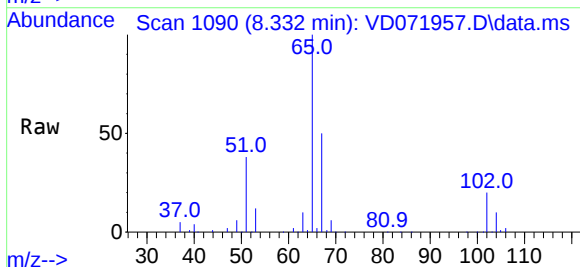
Acq: 14 Feb 2022 15:18

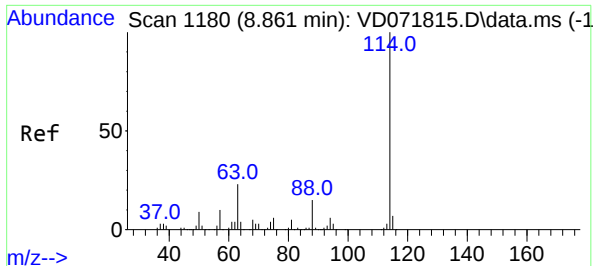
Tgt Ion: 65 Resp: 257390

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.4



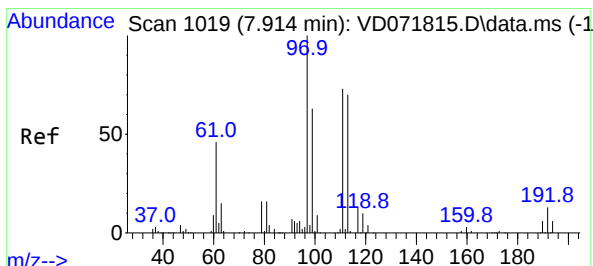
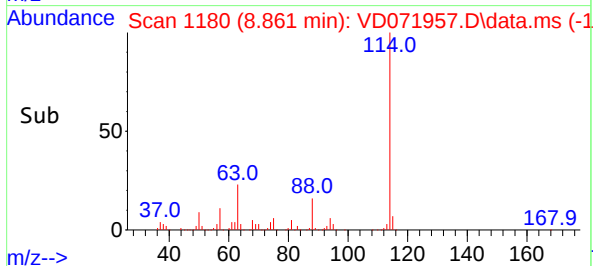
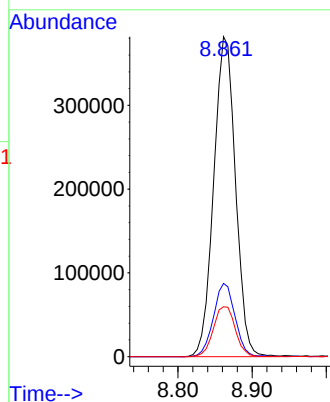
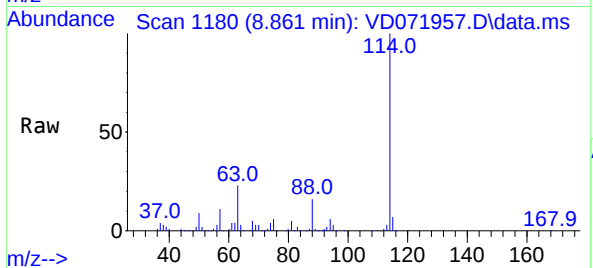


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
TP2-A

Tgt Ion:114 Resp: 778317

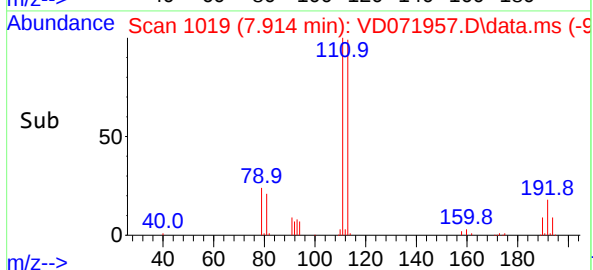
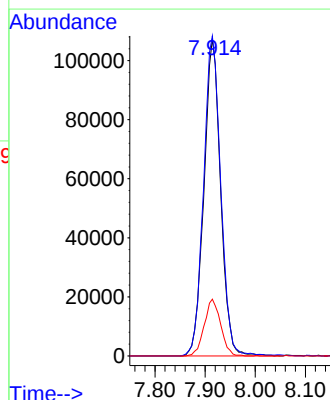
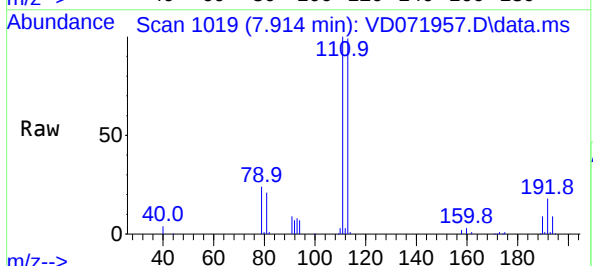
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.6
88	15.6	0.0	33.2

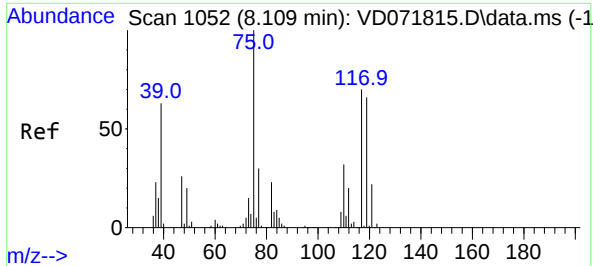


#35
Dibromofluoromethane
Concen: 48.423 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Tgt Ion:113 Resp: 247738

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.8	125.6
192	17.7	14.6	21.8

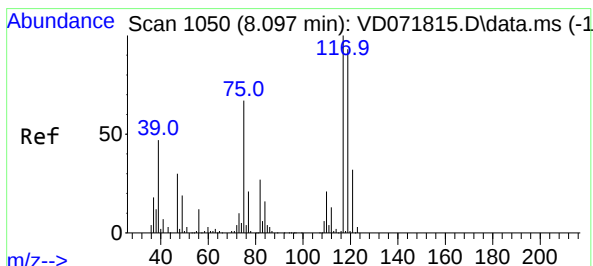
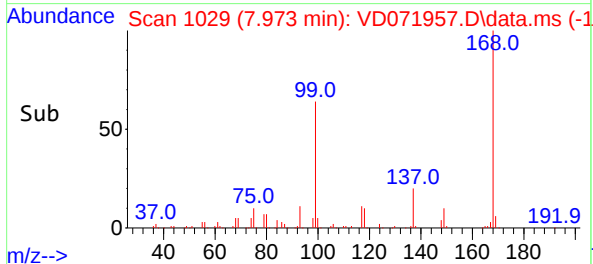
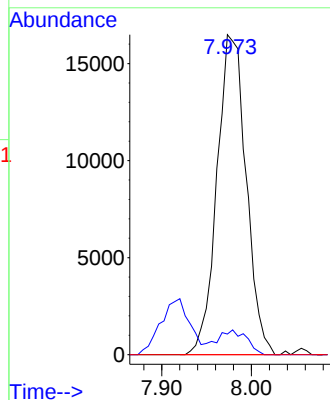
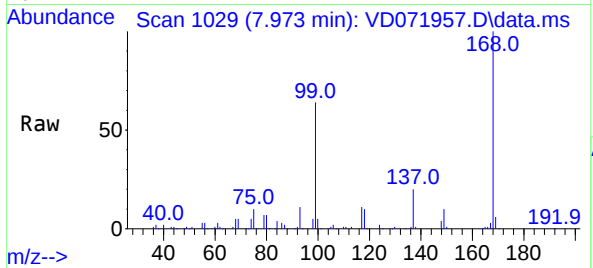




#36
1,1-Dichloropropene
Concen: 4.237 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

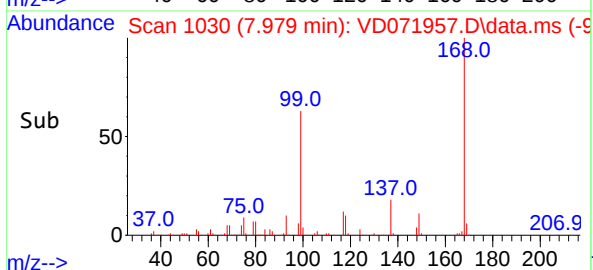
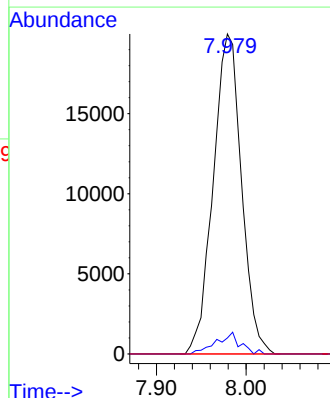
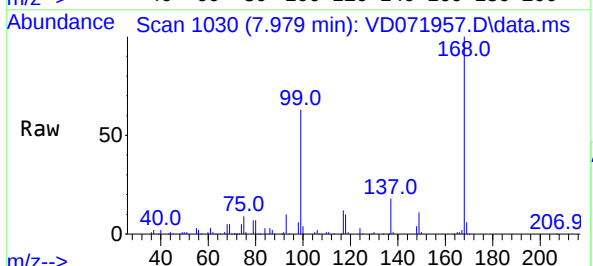
Instrument :
MSVOA_D
ClientSampleId :
TP2-A

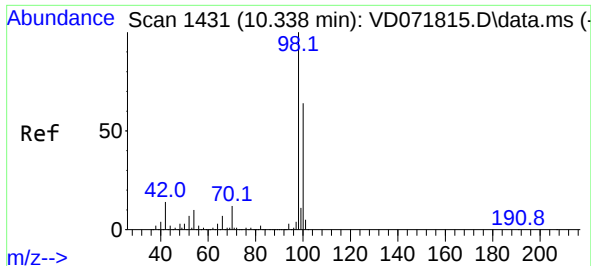
Tgt Ion: 75 Resp: 37205
Ion Ratio Lower Upper
75 100
110 7.7 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.041 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Tgt Ion: 117 Resp: 43773
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#

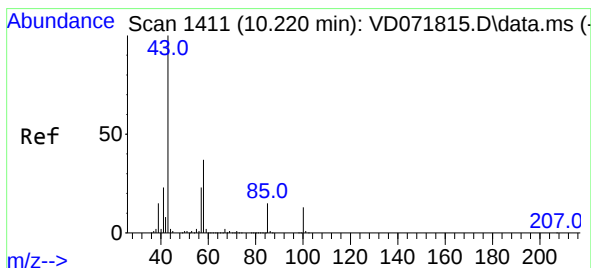
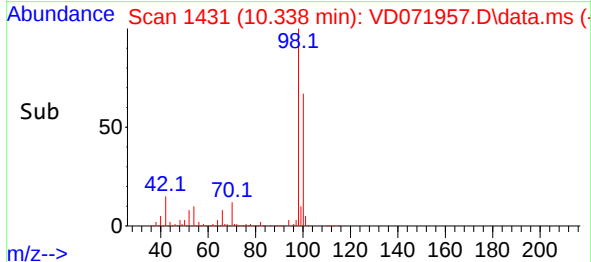
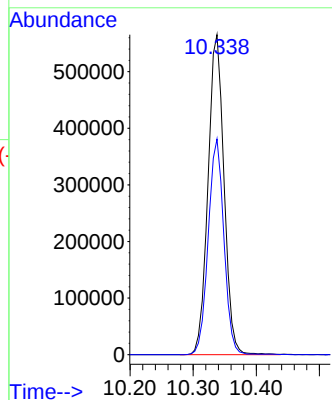
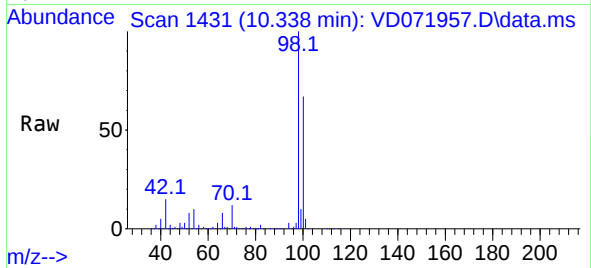




#50
Toluene-d8
Concen: 52.079 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

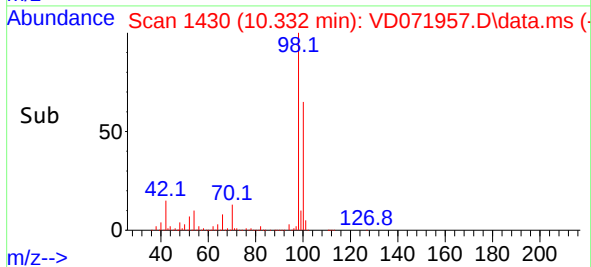
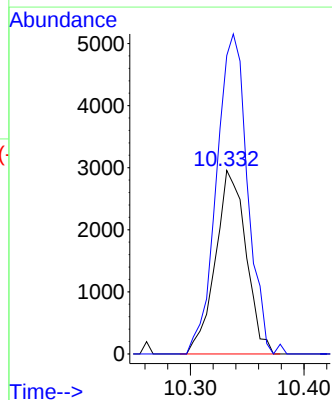
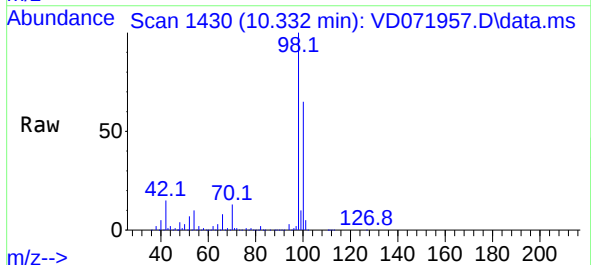
Instrument :
MSVOA_D
ClientSampleId :
TP2-A

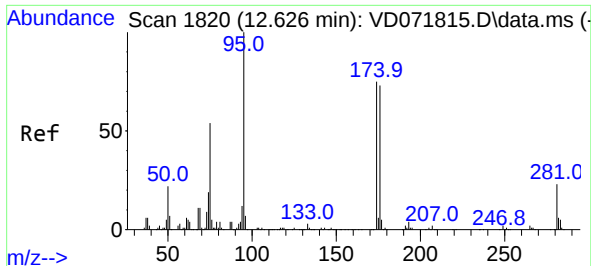
Tgt Ion: 98 Resp: 995061
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.440 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Tgt Ion: 43 Resp: 5531
Ion Ratio Lower Upper
43 100
58 177.5 28.6 43.0#

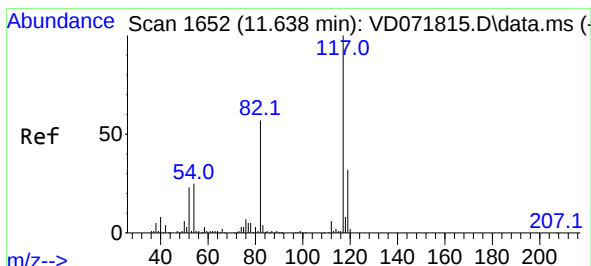
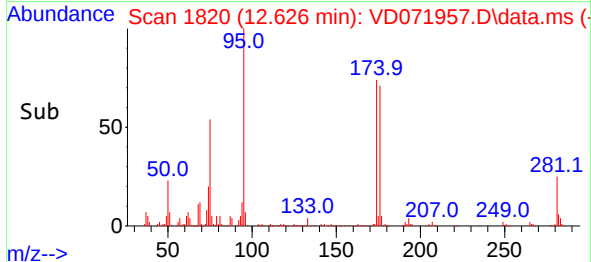
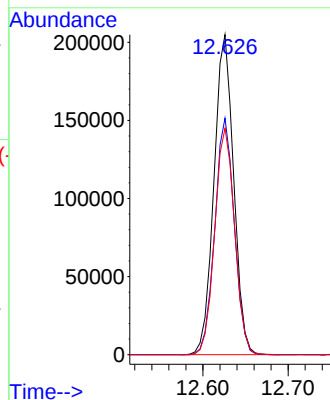
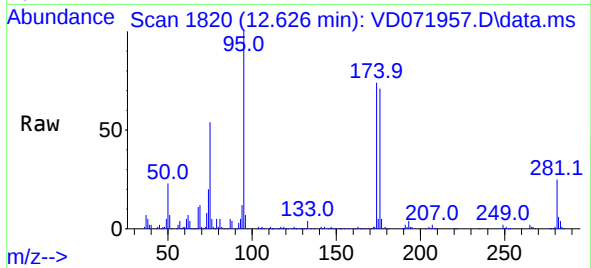




#62
4-Bromofluorobenzene
Concen: 49.293 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

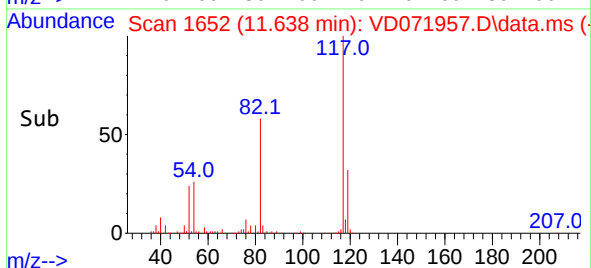
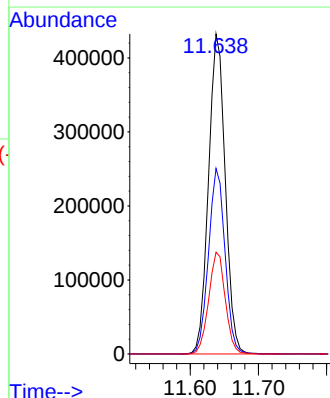
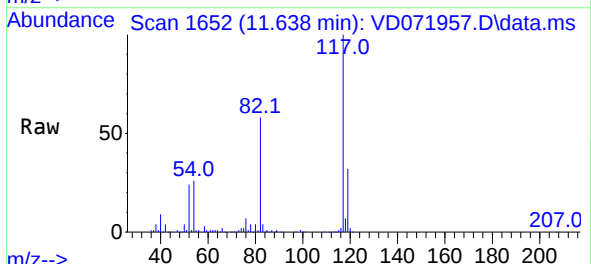
Instrument :
MSVOA_D
ClientSampleId :
TP2-A

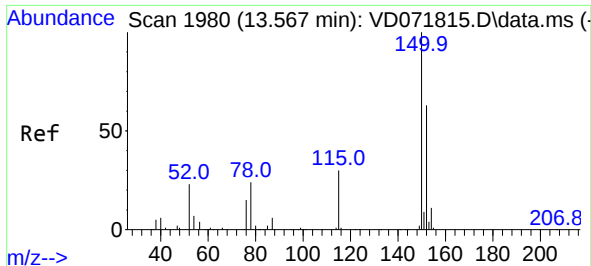
Tgt Ion: 95 Resp: 328902
Ion Ratio Lower Upper
95 100
174 73.2 0.0 152.8
176 71.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Tgt Ion: 117 Resp: 737653
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 31.8 26.6 40.0

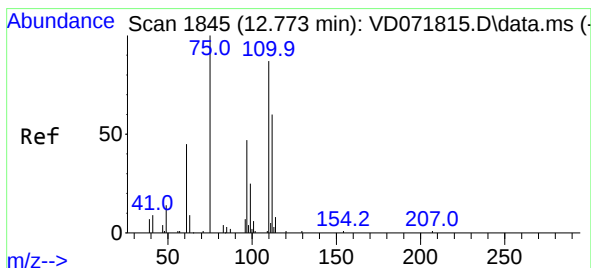
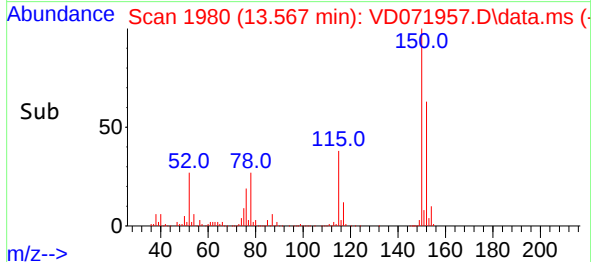
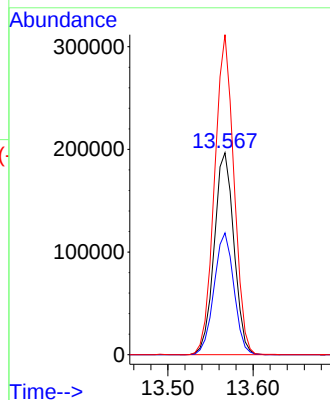
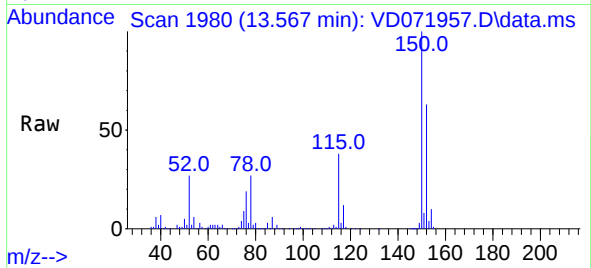




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

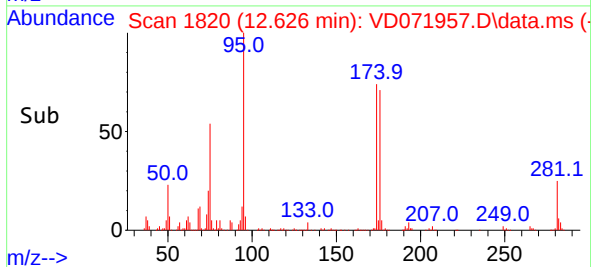
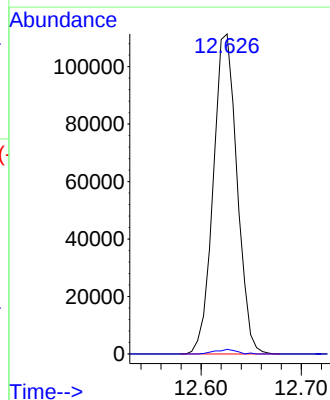
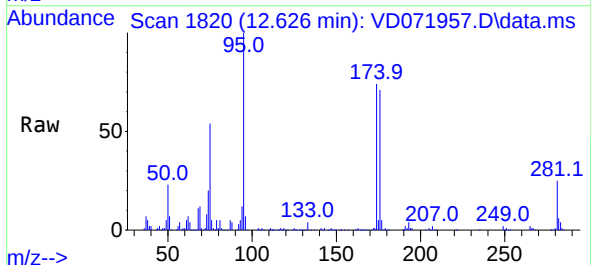
Instrument :
MSVOA_D
ClientSampleId :
TP2-A

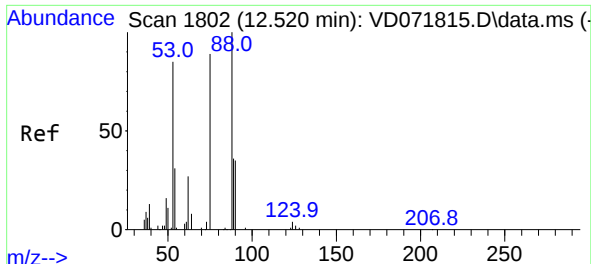
Tgt Ion:152 Resp: 316321
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 155.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 55.088 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Tgt Ion: 75 Resp: 183643
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

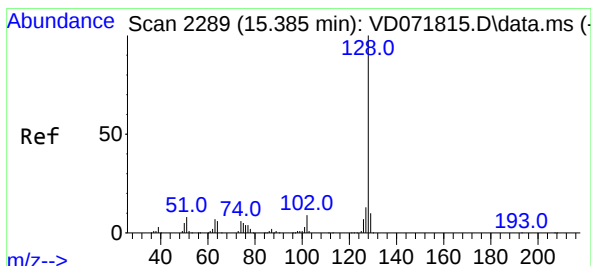
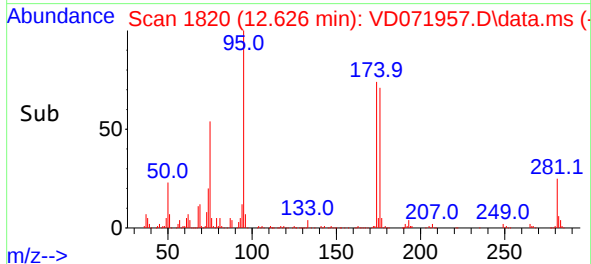
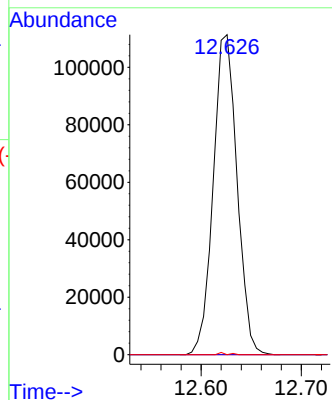
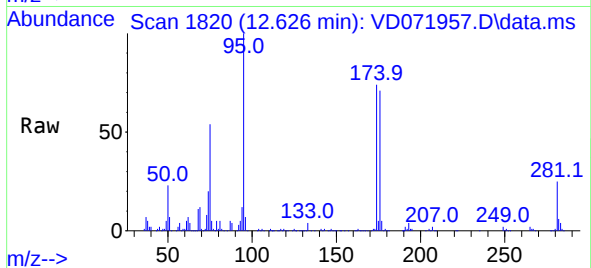




#81
trans-1,4-Dichloro-2-butene
Concen: 135.449 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
TP2-A

Tgt Ion: 75 Resp: 183643
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 1.467 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Tgt Ion:128 Resp: 144
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

