

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072595.D
 Acq On : 18 Apr 2022 14:05
 Operator : VA/SY
 Sample : N2426-01
 Misc : 5.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-1

Quant Time: Apr 19 02:50:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

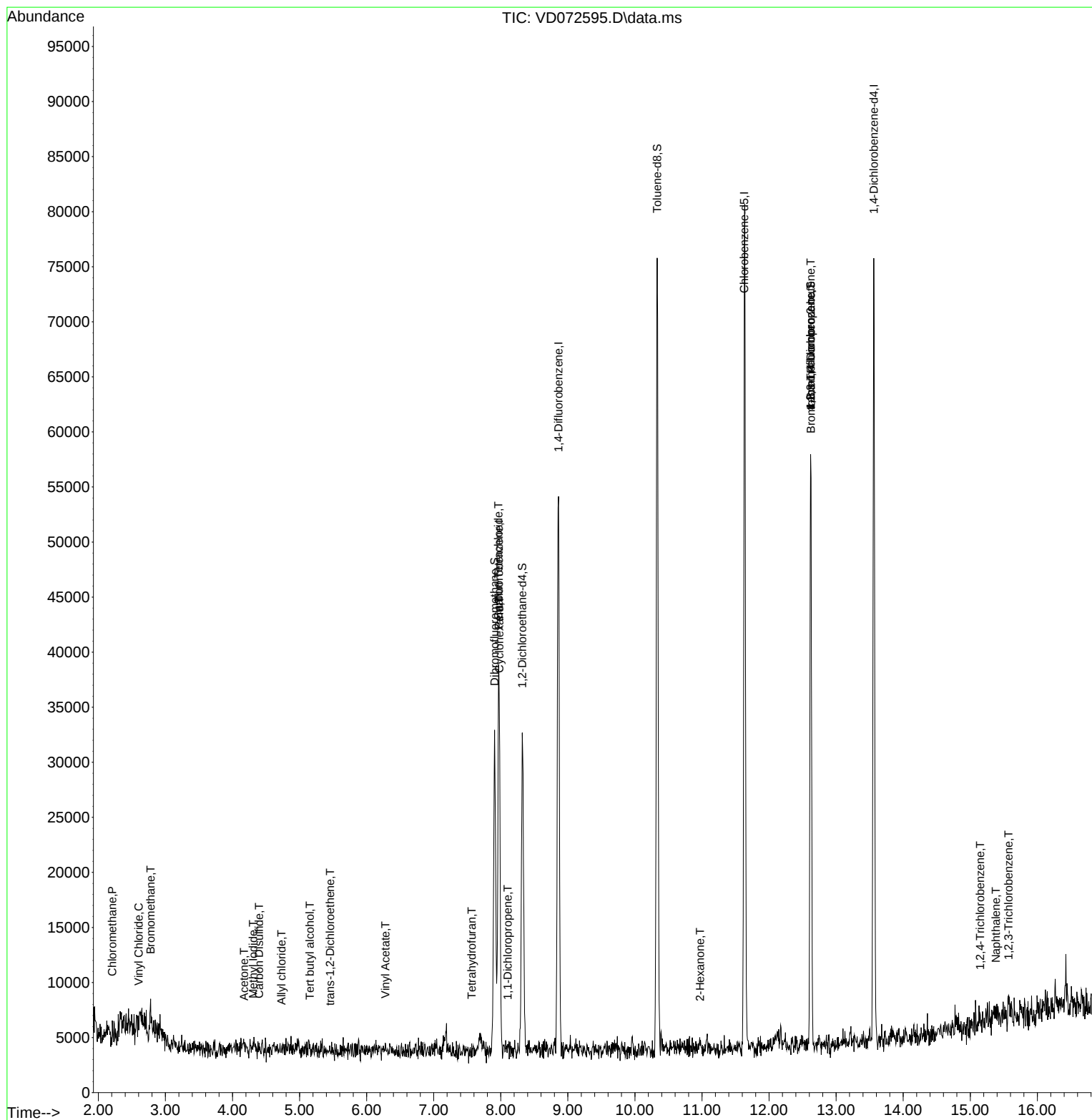
Internal Standards						
1) Pentafluorobenzene	7.973	168	25487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	45089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	45628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	19192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	22973	74.511	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 149.020%			
35) Dibromofluoromethane	7.908	113	18827	53.729	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.460%			
50) Toluene-d8	10.332	98	52341	42.972	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 85.940%			
62) 4-Bromofluorobenzene	12.620	95	19164	40.286	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.580%			
Target Compounds						Qvalue
3) Chloromethane	2.209	50	682	3.645	ug/l #	40
4) Vinyl Chloride	2.603	62	54	1.197	ug/l #	43
5) Bromomethane	2.779	94	974	6.756	ug/l #	67
10) Methyl Iodide	4.309	142	1554	9.000	ug/l #	49
11) Tert butyl alcohol	5.156	59	86	5.282	ug/l #	74
14) Allyl chloride	4.732	41	71	1.299	ug/l #	22
16) Acetone	4.173	43	1595	27.744	ug/l #	47
17) Carbon Disulfide	4.397	76	56	3.731	ug/l #	74
21) trans-1,2-Dichloroethene	5.456	96	75	1.018	ug/l #	1
23) Vinyl Acetate	6.279	43	68	6.423	ug/l #	75
29) Tetrahydrofuran	7.567	42	58	1.208	ug/l #	38
31) Cyclohexane	7.979	56	981	2.433	ug/l #	38
36) 1,1-Dichloropropene	8.103	75	195	1.550	ug/l #	43
38) Carbon Tetrachloride	7.967	117	2650	5.490	ug/l #	13
59) 2-Hexanone	10.973	43	139	1.070	ug/l #	27
71) Bromoform	12.626	173	226	1.045	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	9561	45.676	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	9561	112.081	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.149	180	472	1.199	ug/l #	55
95) Naphthalene	15.384	128	1292	1.690	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.573	180	397	1.156	ug/l #	83

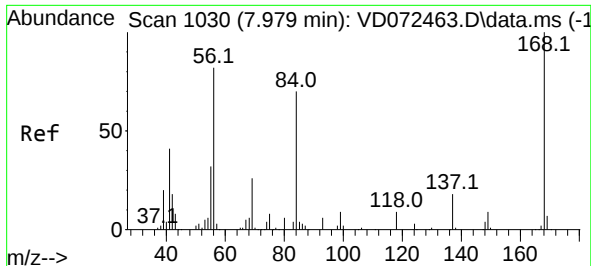
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
Data File : VD072595.D
Acq On : 18 Apr 2022 14:05
Operator : VA/SY
Sample : N2426-01
Misc : 5.36G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PX-1

Quant Time: Apr 19 02:50:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

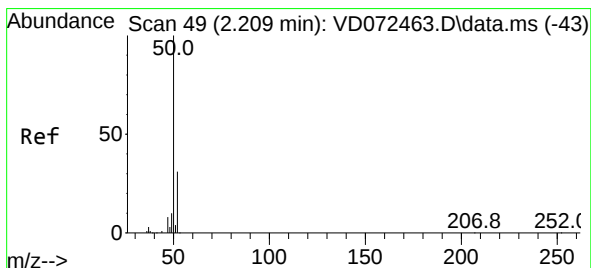
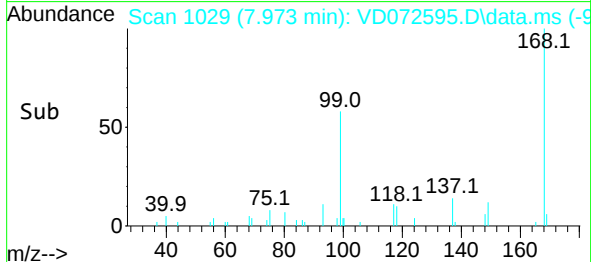
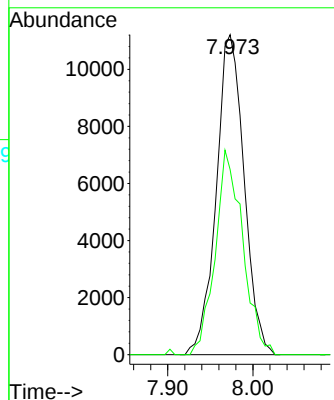
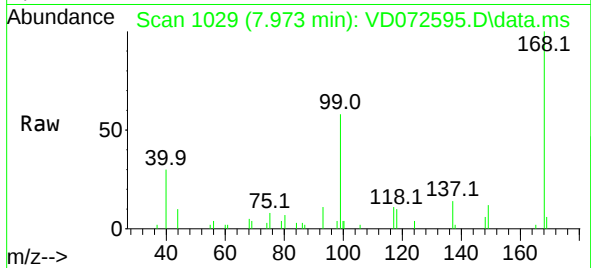




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

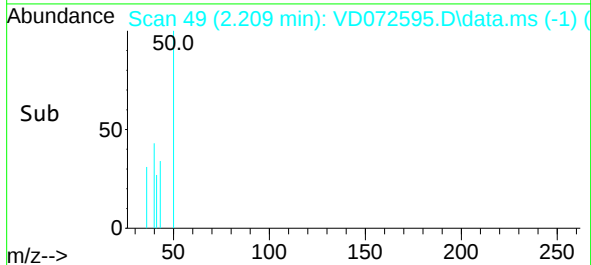
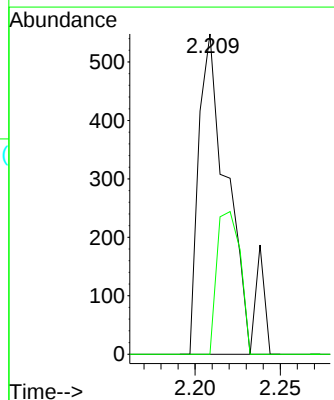
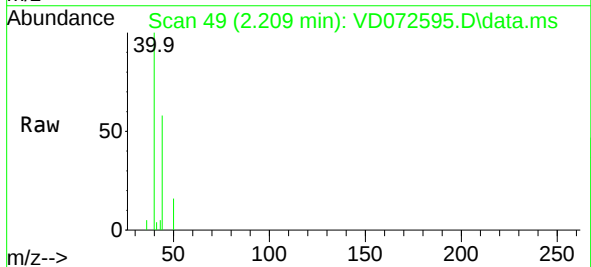
Instrument :
MSVOA_D
ClientSampleId :
PX-1

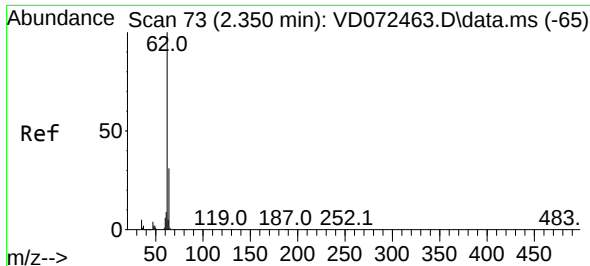
Tgt Ion:168 Resp: 25487
Ion Ratio Lower Upper
168 100
99 57.9 49.8 74.6



#3
Chloromethane
Concen: 3.645 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

Tgt Ion: 50 Resp: 682
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

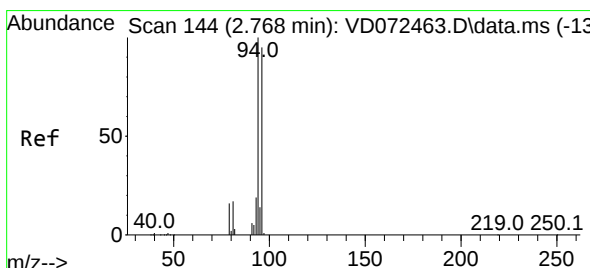
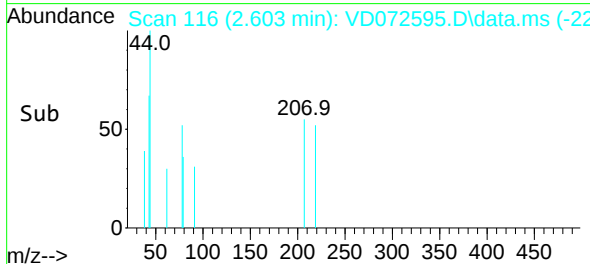
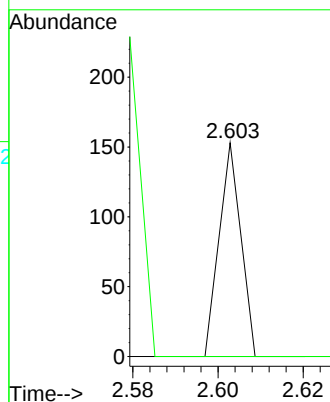
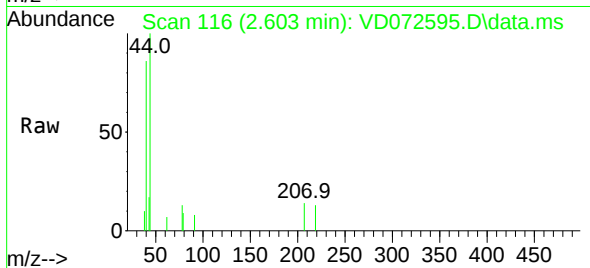




#4
 Vinyl Chloride
 Concen: 1.197 ug/l
 RT: 2.603 min Scan# 116
 Delta R.T. 0.253 min
 Lab File: VD072595.D
 Acq: 18 Apr 2022 14:05

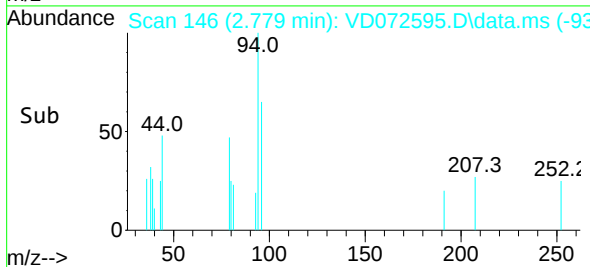
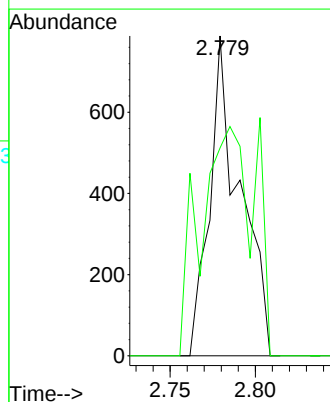
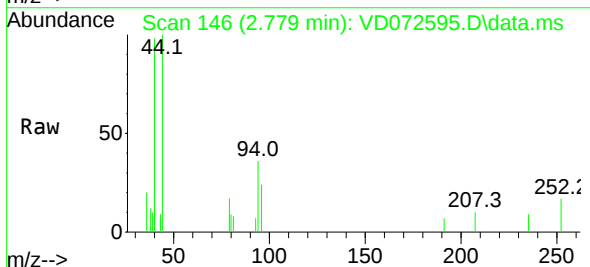
Instrument :
 MSVOA_D
 ClientSampleId :
 PX-1

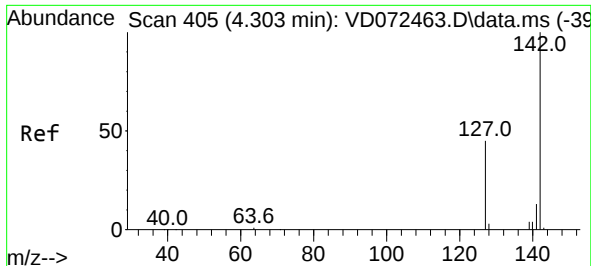
Tgt Ion: 62 Resp: 54
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 6.756 ug/l
 RT: 2.779 min Scan# 146
 Delta R.T. 0.012 min
 Lab File: VD072595.D
 Acq: 18 Apr 2022 14:05

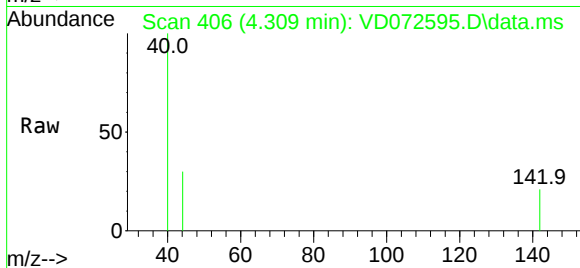
Tgt Ion: 94 Resp: 974
 Ion Ratio Lower Upper
 94 100
 96 65.0 77.6 116.4#



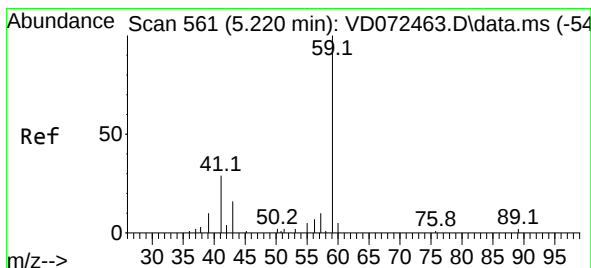
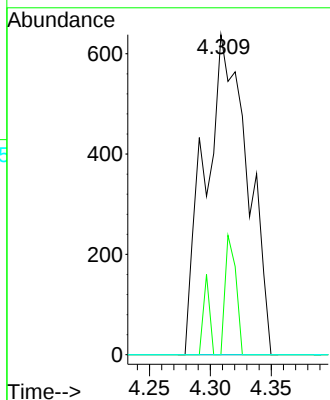
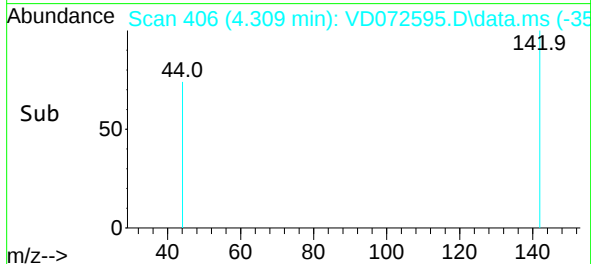


#10
Methyl Iodide
Concen: 9.000 ug/l
RT: 4.309 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

Instrument :
MSVOA_D
ClientSampleId :
PX-1

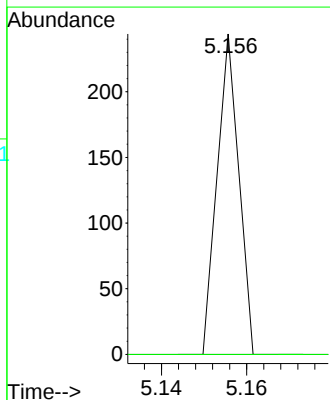
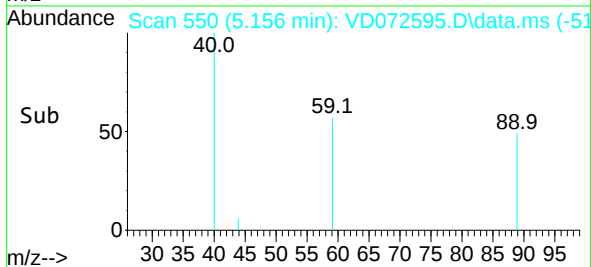
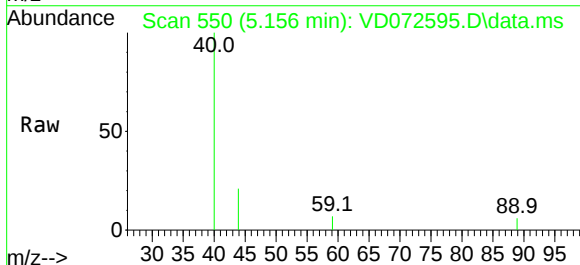


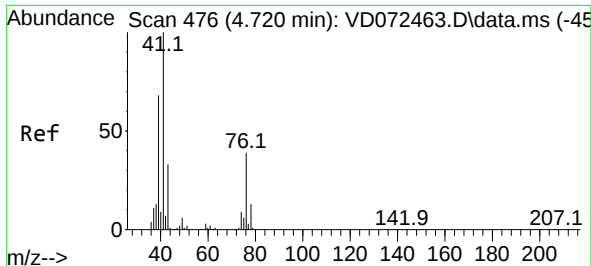
Tgt Ion:142 Resp: 1554
Ion Ratio Lower Upper
142 100
127 9.4 37.3 55.9#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 5.282 ug/l
RT: 5.156 min Scan# 550
Delta R.T. -0.065 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

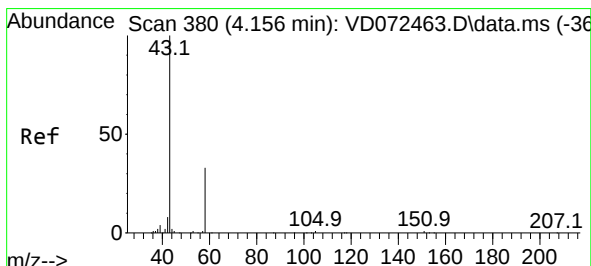
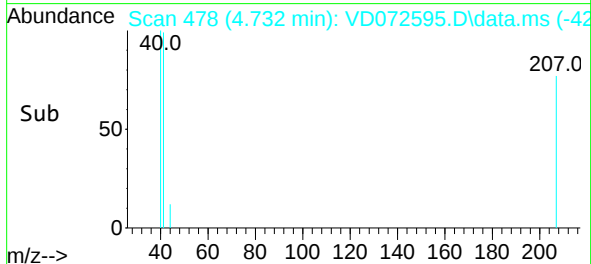
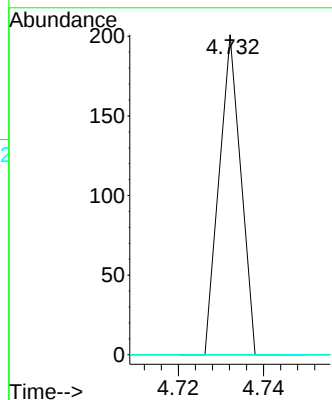
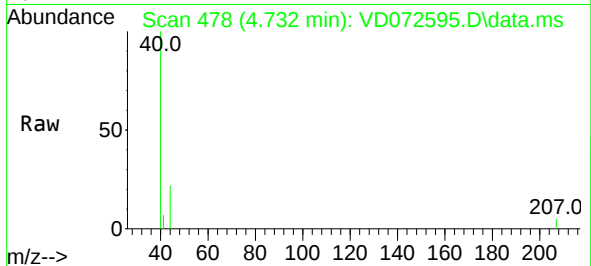




#14
 Allyl chloride
 Concen: 1.299 ug/l
 RT: 4.732 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VD072595.D
 Acq: 18 Apr 2022 14:05

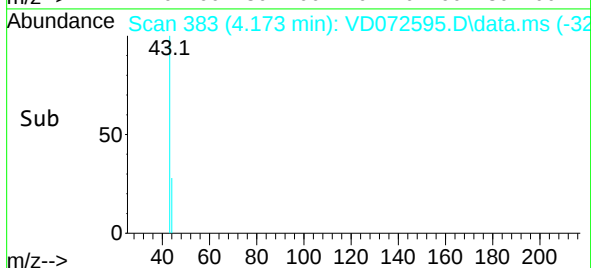
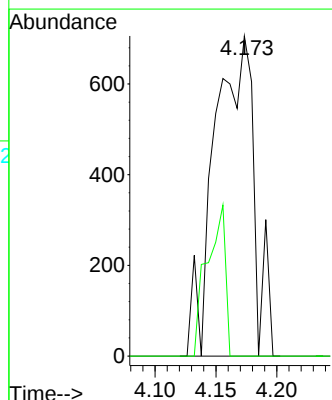
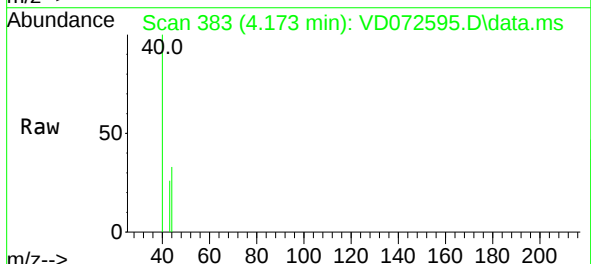
Instrument :
 MSVOA_D
 ClientSampleId :
 PX-1

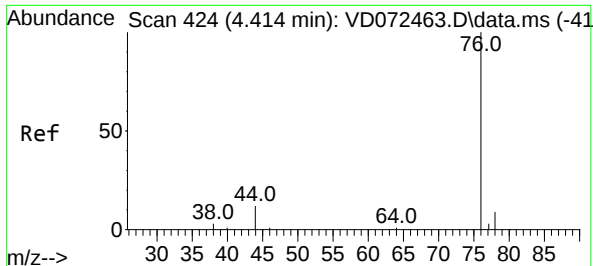
Tgt Ion: 41 Resp: 71
 Ion Ratio Lower Upper
 41 100
 39 0.0 59.3 88.9#
 76 0.0 25.7 38.5#



#16
 Acetone
 Concen: 27.744 ug/l
 RT: 4.173 min Scan# 383
 Delta R.T. 0.018 min
 Lab File: VD072595.D
 Acq: 18 Apr 2022 14:05

Tgt Ion: 43 Resp: 1595
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.1 33.1#

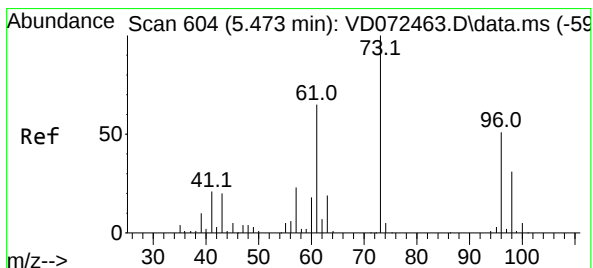
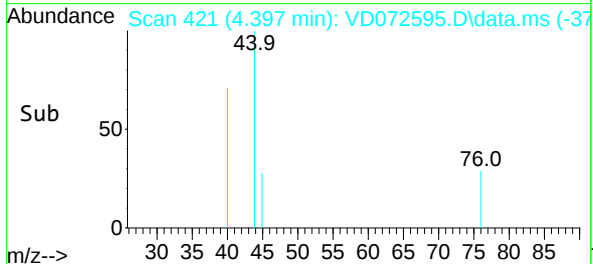
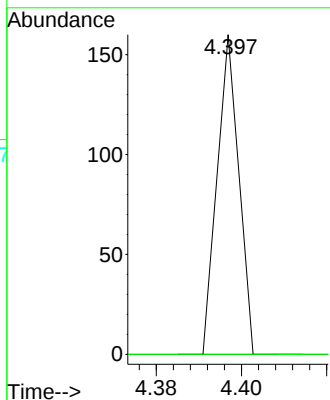
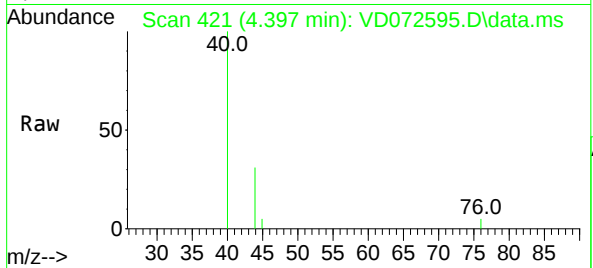




#17
Carbon Disulfide
Concen: 3.731 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.017 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

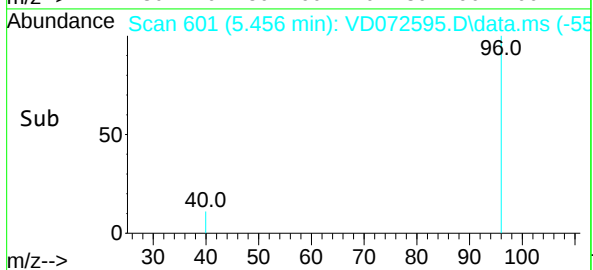
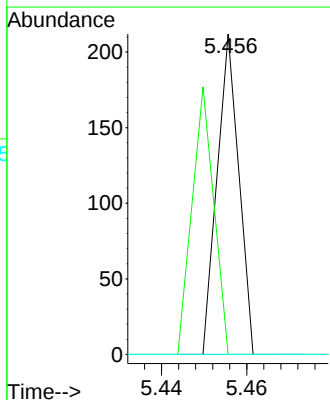
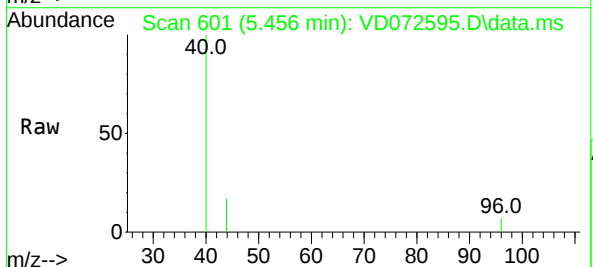
Instrument :
MSVOA_D
ClientSampleId :
PX-1

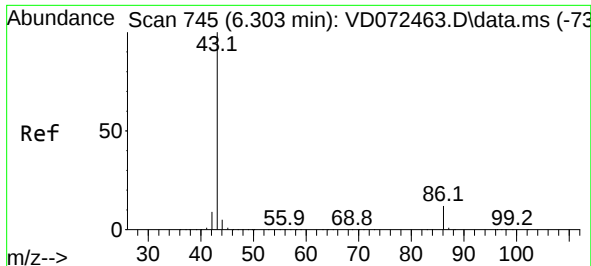
Tgt Ion: 76 Resp: 56
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#21
trans-1,2-Dichloroethene
Concen: 1.018 ug/l
RT: 5.456 min Scan# 601
Delta R.T. -0.017 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

Tgt Ion: 96 Resp: 75
Ion Ratio Lower Upper
96 100
61 0.0 117.9 176.9#
98 0.0 49.4 74.2#

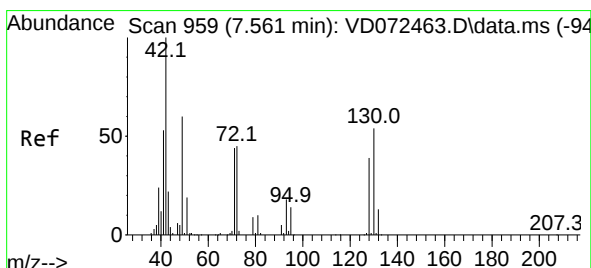
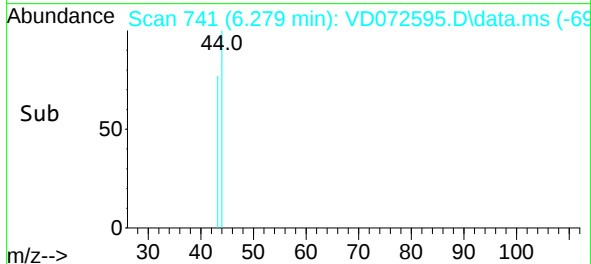
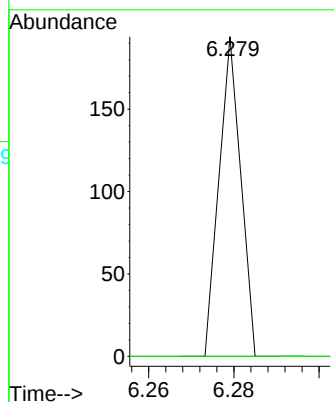
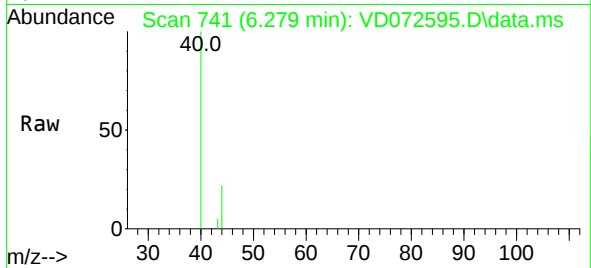




#23
 Vinyl Acetate
 Concen: 6.423 ug/l
 RT: 6.279 min Scan# 741
 Delta R.T. -0.024 min
 Lab File: VD072595.D
 Acq: 18 Apr 2022 14:05

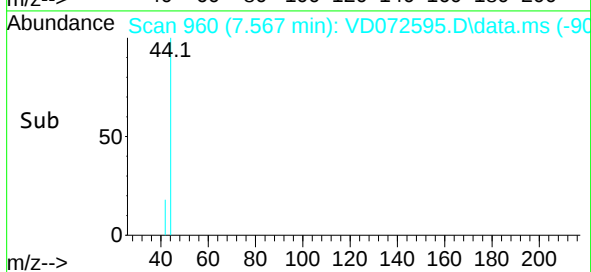
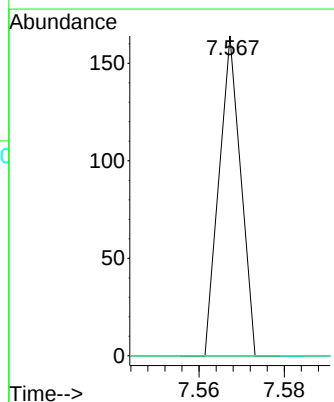
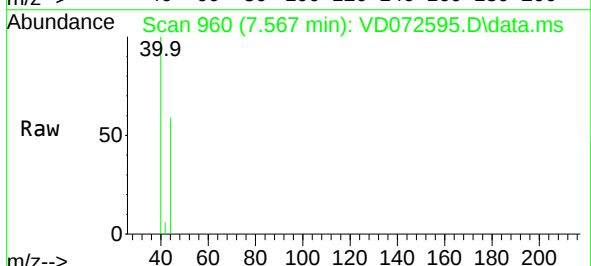
Instrument :
 MSVOA_D
 ClientSampleId :
 PX-1

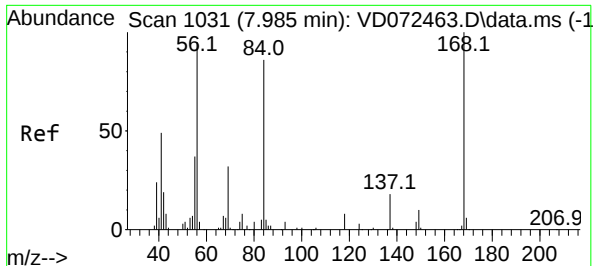
Tgt Ion: 43 Resp: 68
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#29
 Tetrahydrofuran
 Concen: 1.208 ug/l
 RT: 7.567 min Scan# 960
 Delta R.T. 0.006 min
 Lab File: VD072595.D
 Acq: 18 Apr 2022 14:05

Tgt Ion: 42 Resp: 58
 Ion Ratio Lower Upper
 42 100
 72 0.0 30.7 46.1#
 71 0.0 28.6 43.0#





#31

Cyclohexane

Concen: 2.433 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD072595.D

Acq: 18 Apr 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

PX-1

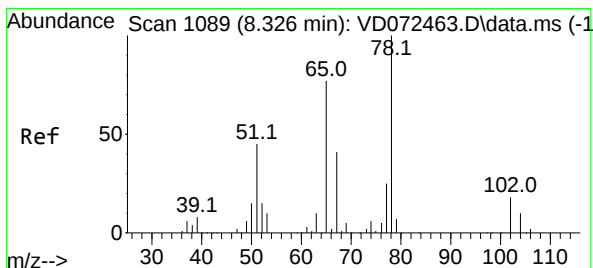
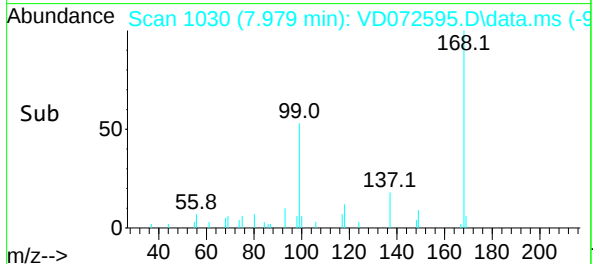
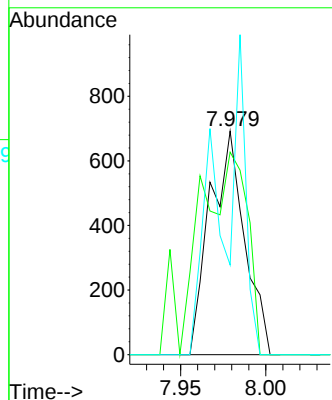
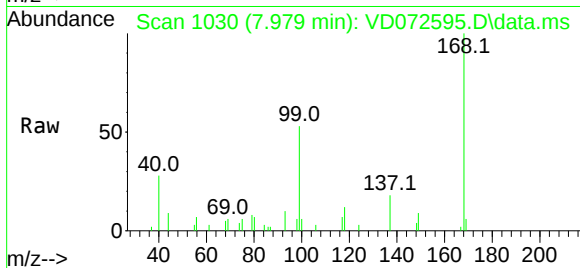
Tgt Ion: 56 Resp: 981

Ion Ratio Lower Upper

56 100

69 90.6 25.4 38.2#

84 40.2 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 74.511 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072595.D

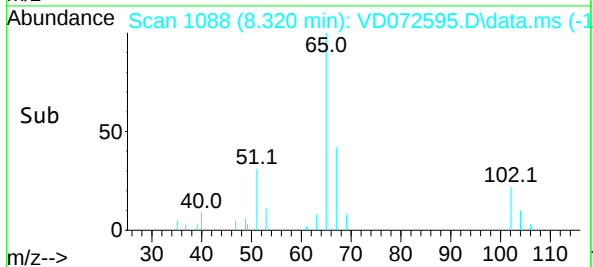
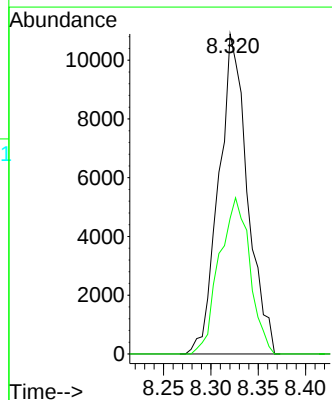
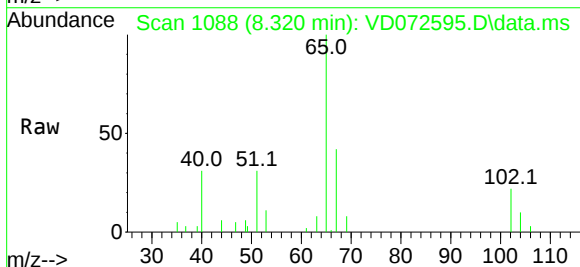
Acq: 18 Apr 2022 14:05

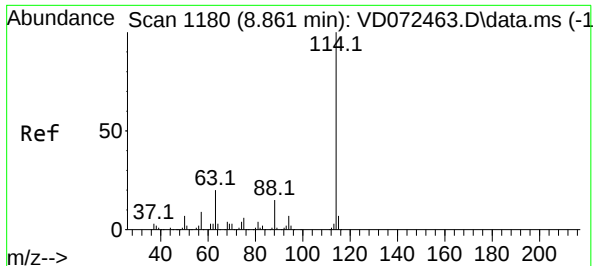
Tgt Ion: 65 Resp: 22973

Ion Ratio Lower Upper

65 100

67 52.1 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: VD072595.D

Acq: 18 Apr 2022 14:05

Instrument :

MSVOA_D

ClientSampleId :

PX-1

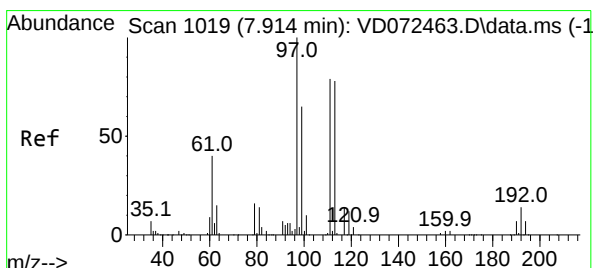
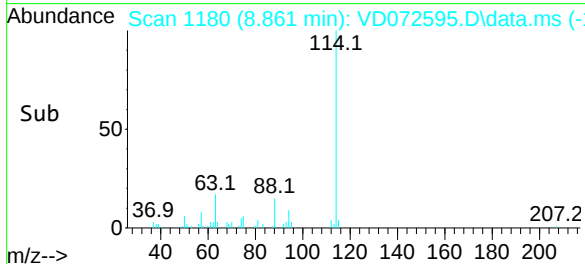
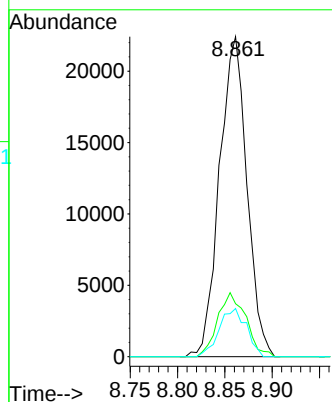
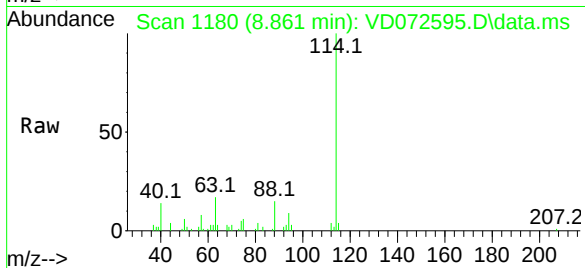
Tgt Ion:114 Resp: 45089

Ion Ratio Lower Upper

114 100

63 16.6 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.729 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072595.D

Acq: 18 Apr 2022 14:05

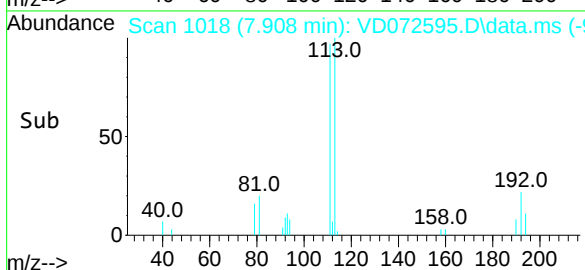
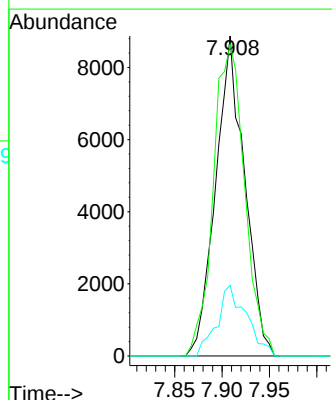
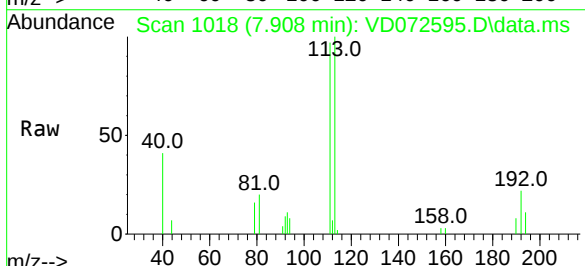
Tgt Ion:113 Resp: 18827

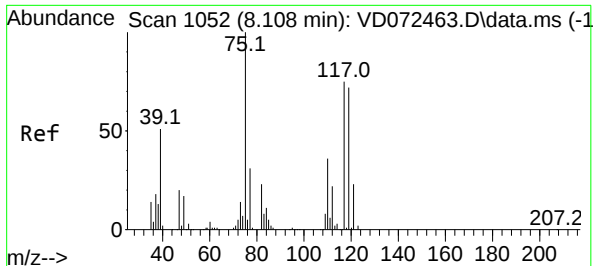
Ion Ratio Lower Upper

113 100

111 105.2 83.8 125.6

192 22.4 14.6 21.8#





#36

1,1-Dichloropropene

Concen: 1.550 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.005 min

Lab File: VD072595.D

Acq: 18 Apr 2022 14:05

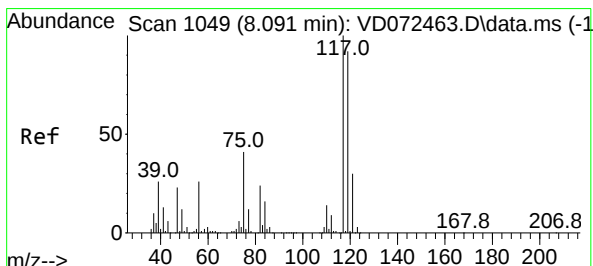
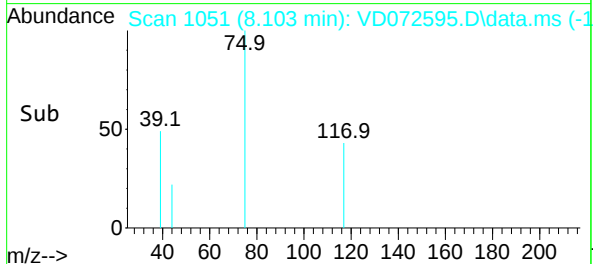
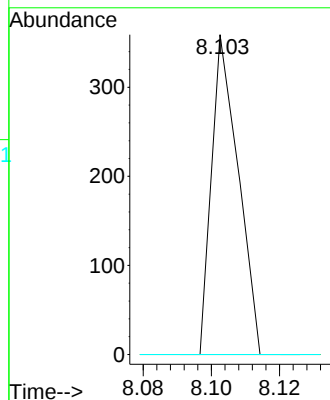
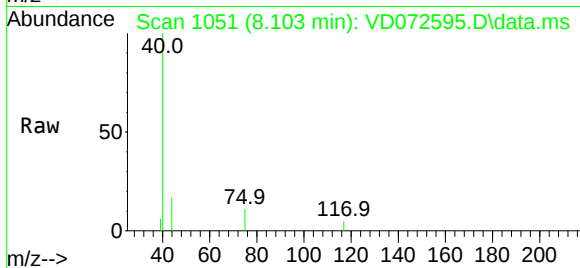
Instrument :

MSVOA_D

ClientSampleId :

PX-1

Tgt Ion:	75	Resp:	195
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.490 ug/l

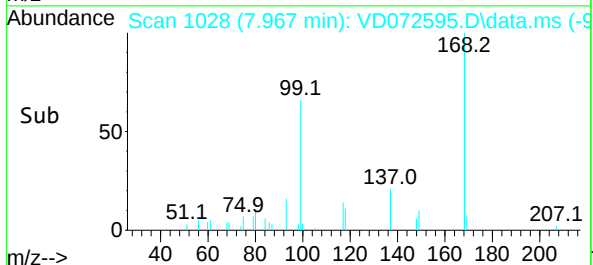
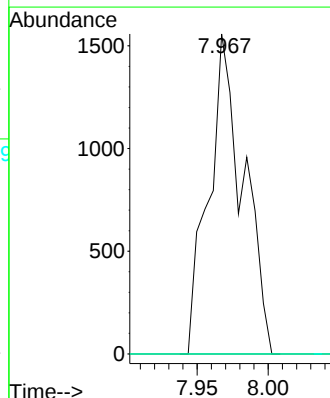
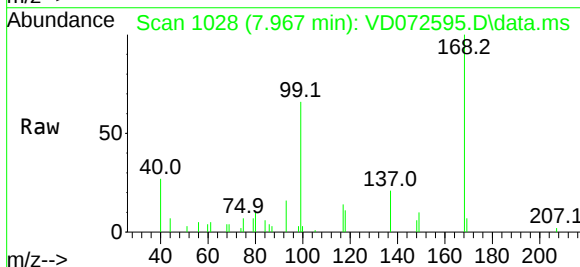
RT: 7.967 min Scan# 1028

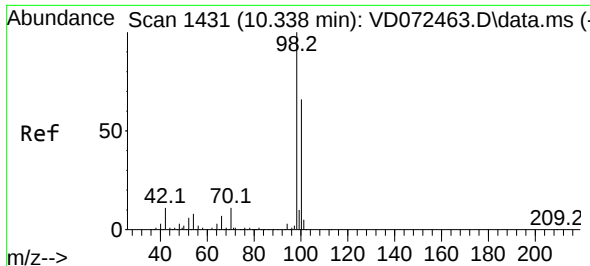
Delta R.T. -0.124 min

Lab File: VD072595.D

Acq: 18 Apr 2022 14:05

Tgt Ion:	117	Resp:	2650
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.5	36.7#

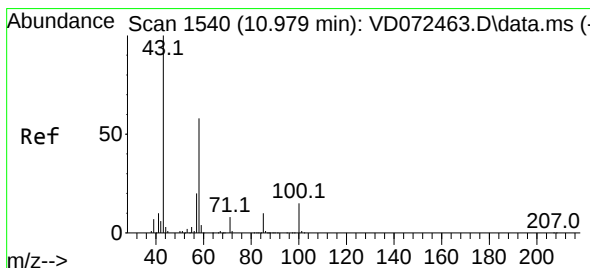
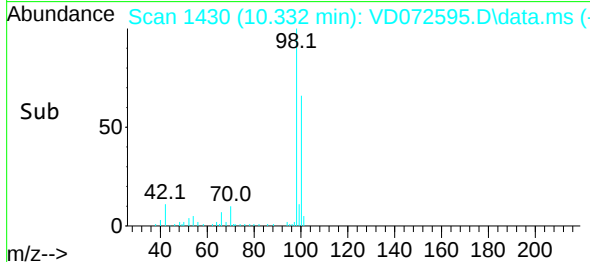
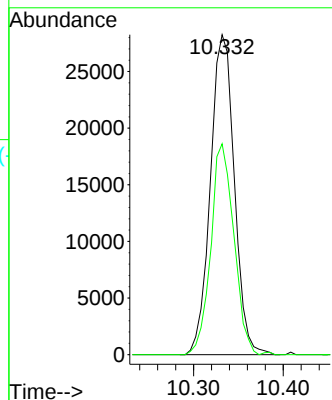
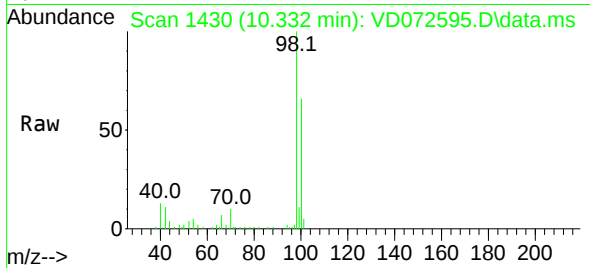




#50
Toluene-d8
Concen: 42.972 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

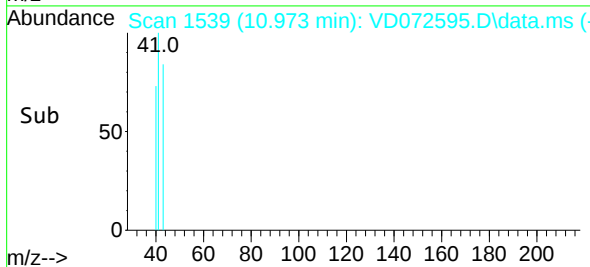
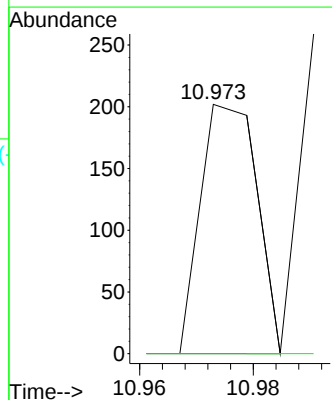
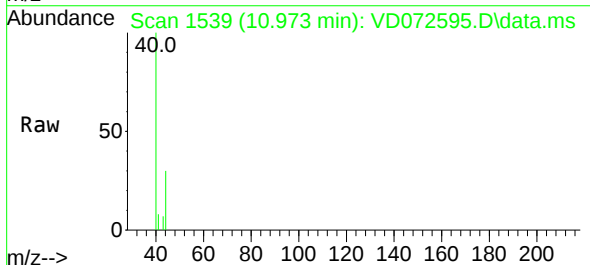
Instrument :
MSVOA_D
ClientSampleId :
PX-1

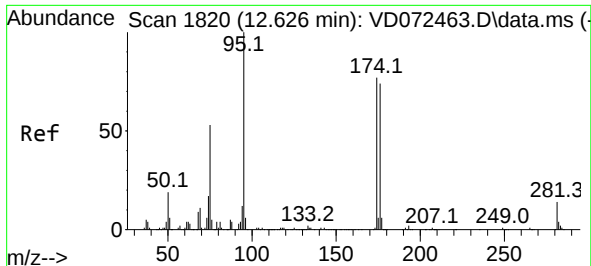
Tgt Ion: 98 Resp: 52341
Ion Ratio Lower Upper
98 100
100 63.4 52.4 78.6



#59
2-Hexanone
Concen: 1.070 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

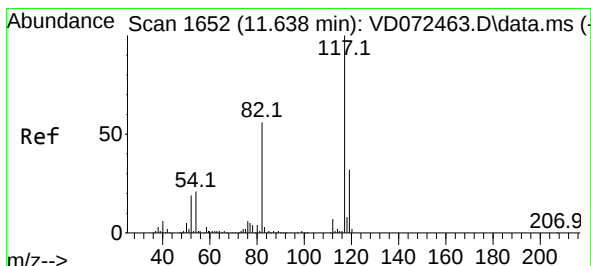
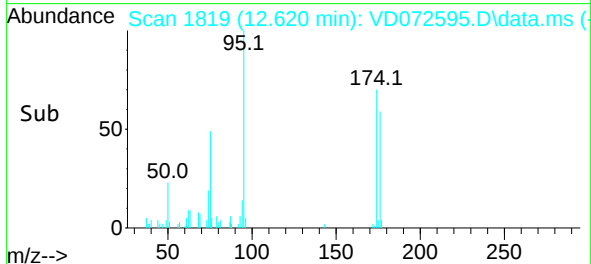
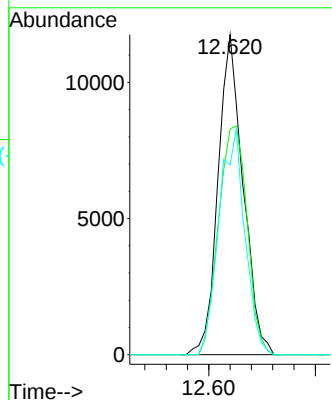
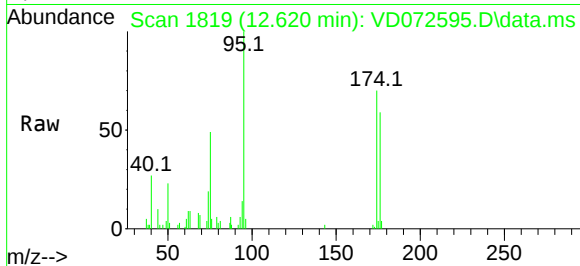




#62
4-Bromofluorobenzene
Concen: 40.286 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

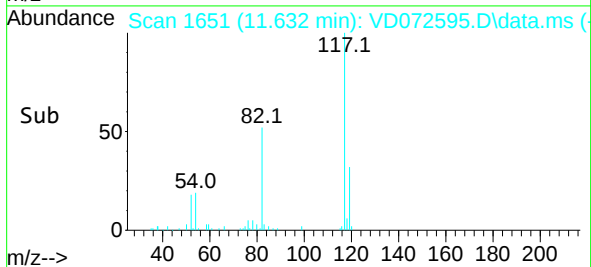
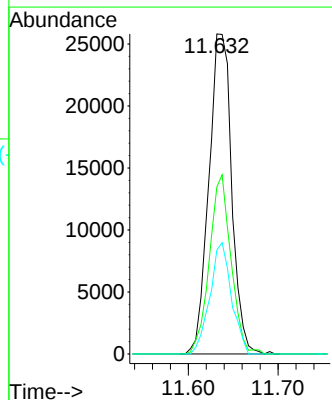
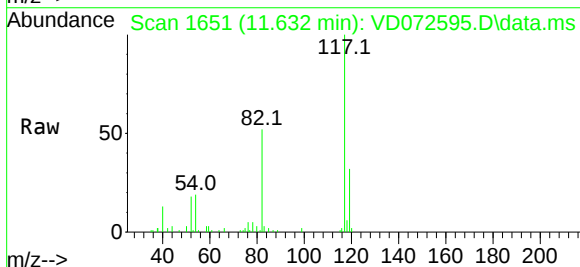
Instrument :
MSVOA_D
ClientSampleId :
PX-1

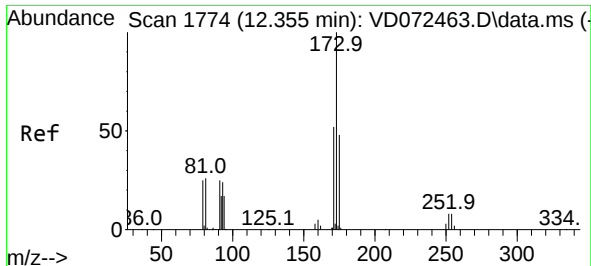
Tgt Ion: 95 Resp: 19164
Ion Ratio Lower Upper
95 100
174 81.5 0.0 152.8
176 73.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

Tgt Ion: 117 Resp: 45628
Ion Ratio Lower Upper
117 100
82 52.1 45.3 67.9
119 32.5 26.6 40.0

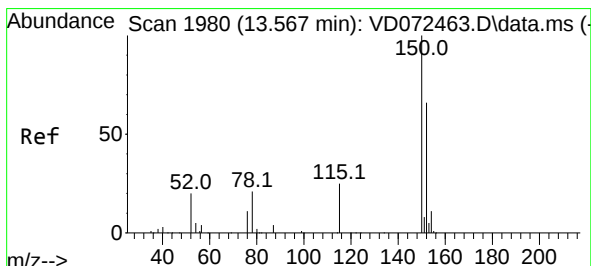
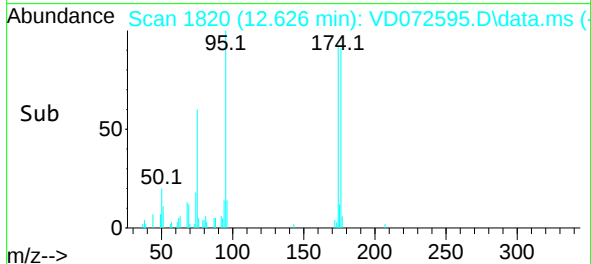
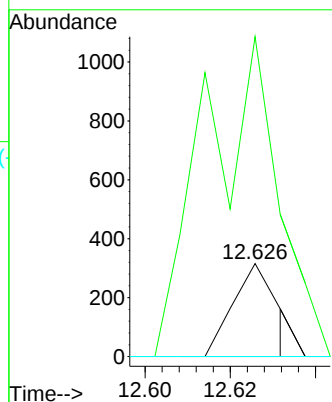
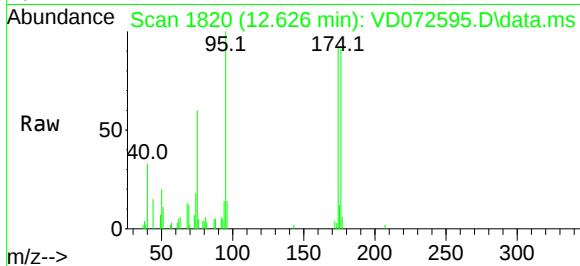




#71
Bromoform
Concen: 1.045 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.271 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

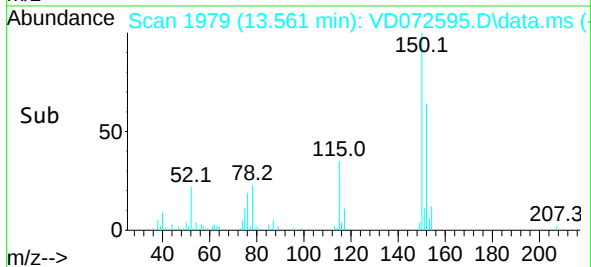
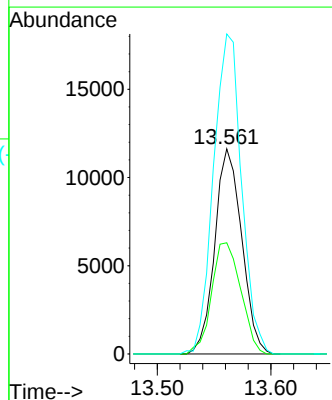
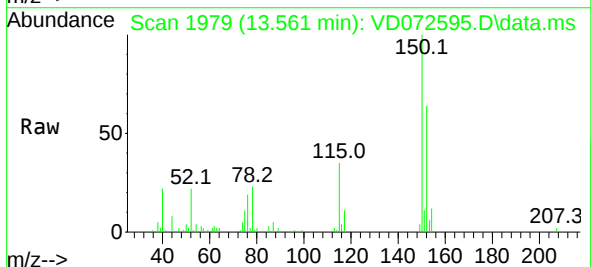
Instrument :
MSVOA_D
ClientSampleId :
PX-1

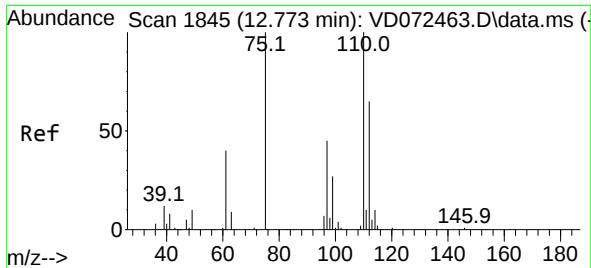
Tgt Ion:173 Resp: 226
Ion Ratio Lower Upper
173 100
175 538.5 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

Tgt Ion:152 Resp: 19192
Ion Ratio Lower Upper
152 100
115 58.6 31.3 93.8
150 162.4 0.0 348.6

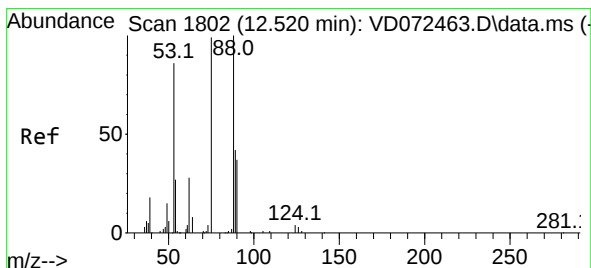
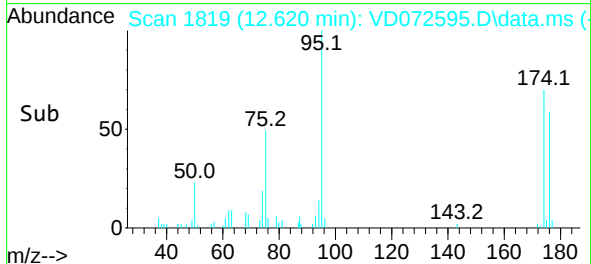
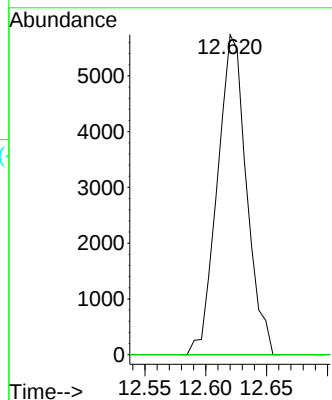
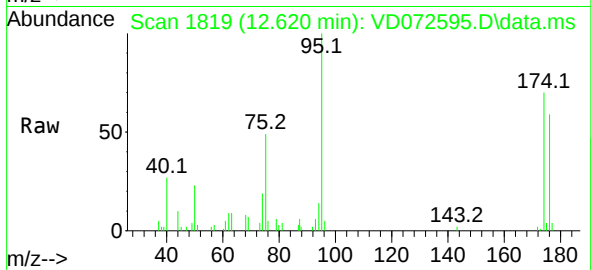




#76
1,2,3-Trichloropropane
Concen: 45.676 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

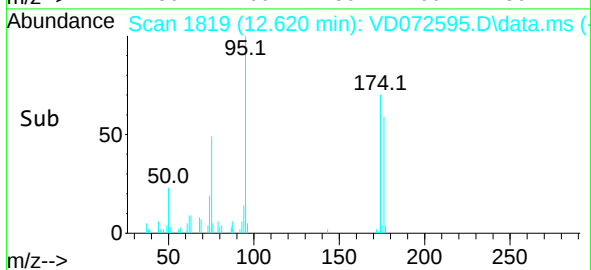
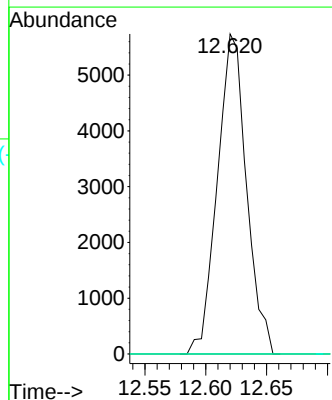
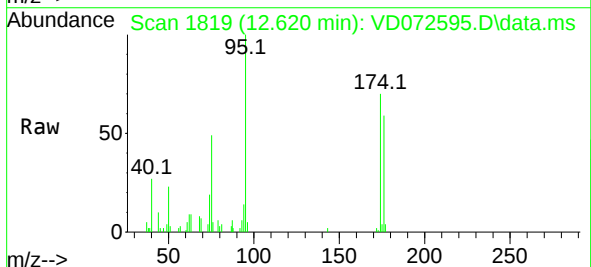
Instrument :
MSVOA_D
ClientSampleId :
PX-1

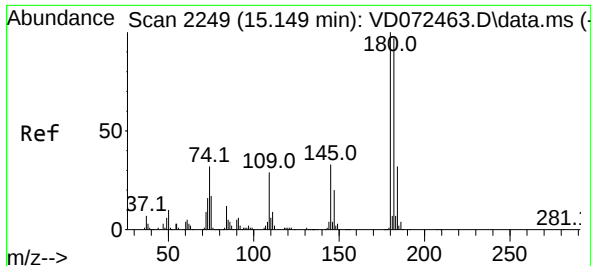
Tgt Ion: 75 Resp: 9561
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 112.081 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

Tgt Ion: 75 Resp: 9561
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

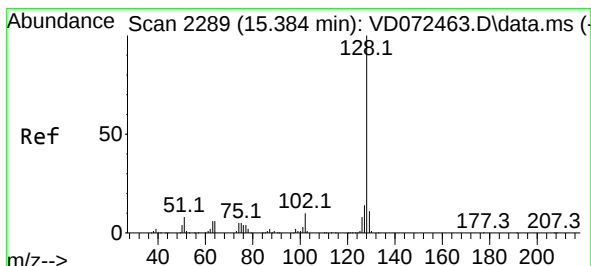
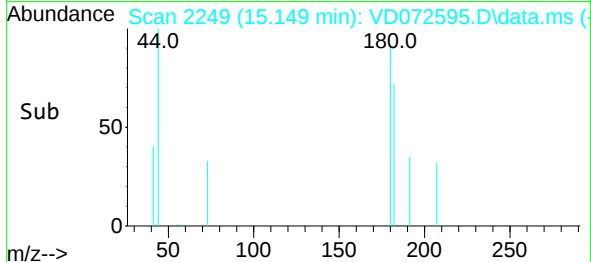
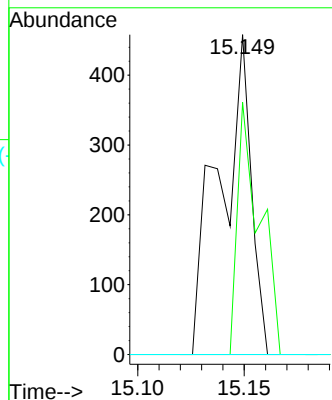
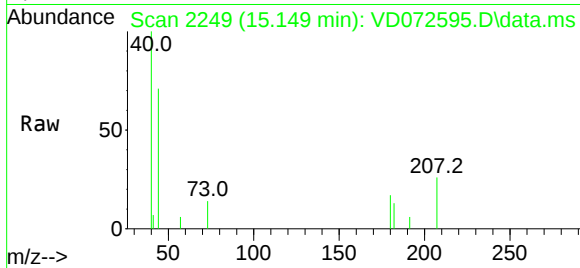




#93
1,2,4-Trichlorobenzene
Concen: 1.199 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

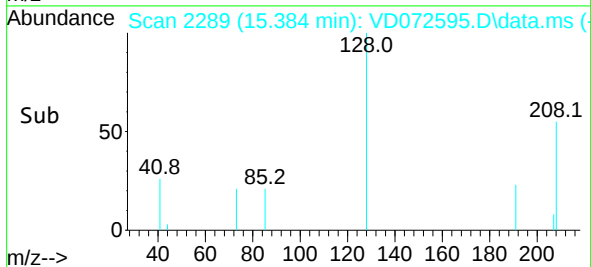
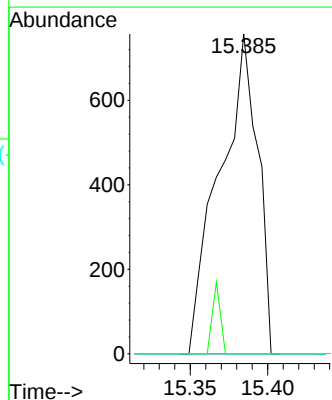
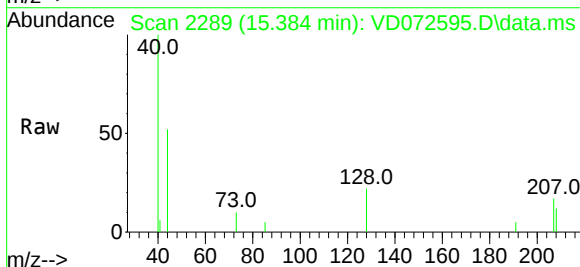
Instrument :
MSVOA_D
ClientSampleId :
PX-1

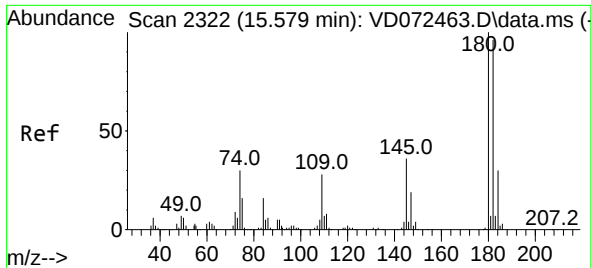
Tgt Ion:180 Resp: 472
Ion Ratio Lower Upper
180 100
182 55.5 47.3 142.0
145 0.0 16.2 48.5#



#95
Naphthalene
Concen: 1.690 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072595.D
Acq: 18 Apr 2022 14:05

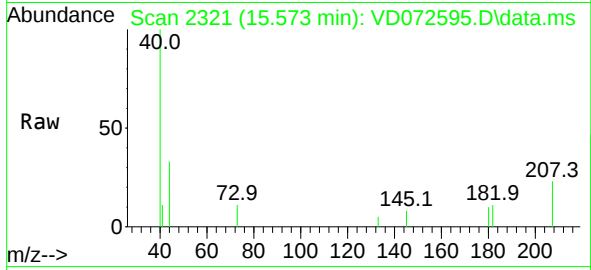
Tgt Ion:128 Resp: 1292
Ion Ratio Lower Upper
128 100
127 4.6 10.3 15.5#
129 0.0 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.156 ug/l
 RT: 15.573 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD072595.D
 Acq: 18 Apr 2022 14:05

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-1



Tgt Ion:180	Resp:	397
Ion	Ratio	Lower Upper
180	100	
182	106.3	47.6 142.9
145	52.9	17.1 51.3#

