

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070256.D
 Acq On : 25 Aug 2021 17:35
 Operator : VA/SY
 Sample : M3524-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-1

Quant Time: Aug 26 02:46:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

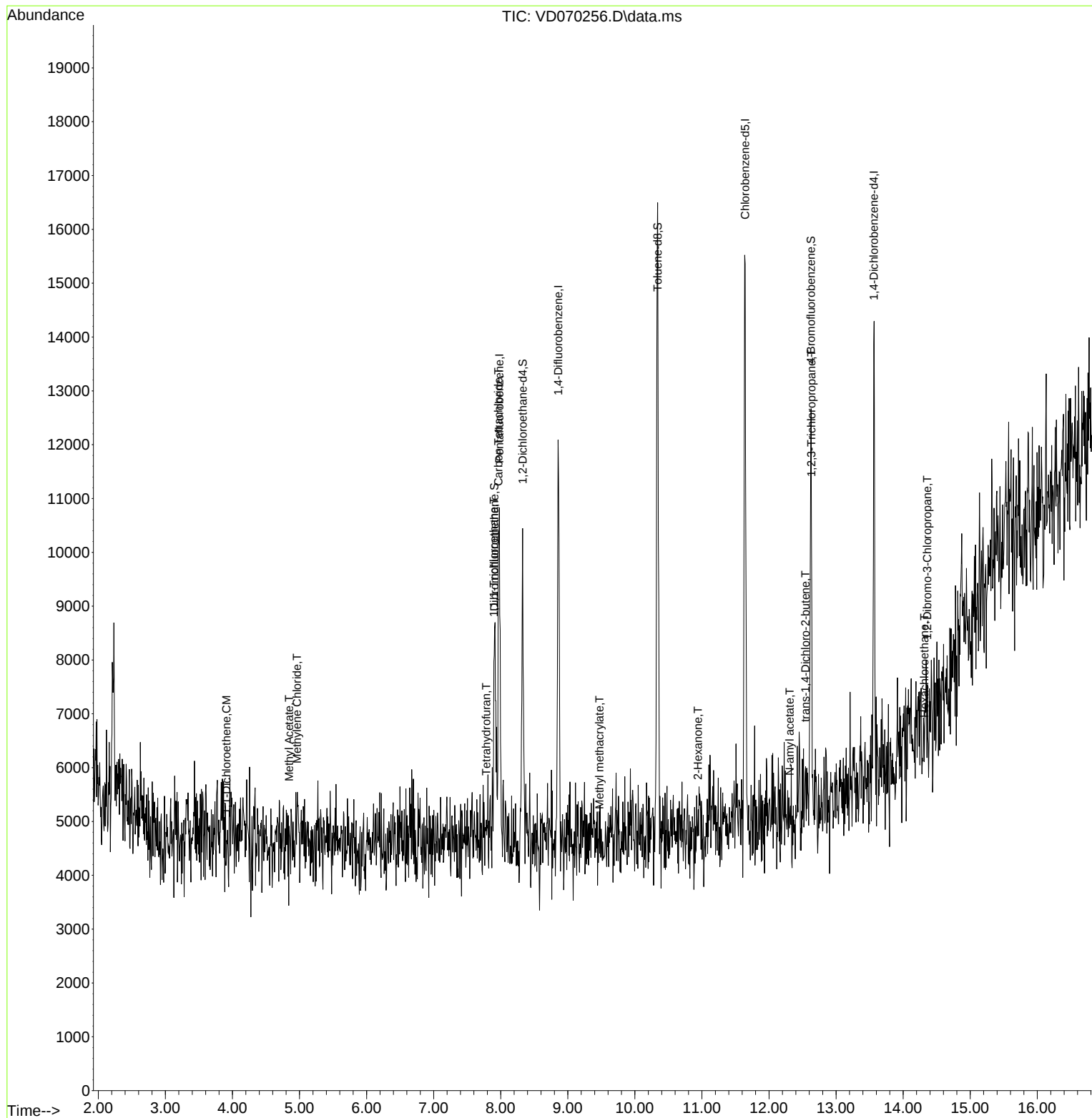
Internal Standards						
1) Pentafluorobenzene	7.979	168	4564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	6852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	7464	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	2429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3891	72.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.980%	
35) Dibromofluoromethane	7.903	113	2538	57.332	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.660%	
50) Toluene-d8	10.338	98	8559	49.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	12.626	95	2561	45.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.320%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.909	96	58	1.070	ug/l #	1
18) Methyl Acetate	4.844	43	71	2.408	ug/l #	50
20) Methylene Chloride	4.962	84	667	2.086	ug/l #	27
29) Tetrahydrofuran	7.785	42	68	7.685	ug/l #	32
32) 1,1,1-Trichloroethane	7.897	97	98	1.024	ug/l #	23
38) Carbon Tetrachloride	7.967	117	318	4.752	ug/l #	10
48) Methyl methacrylate	9.473	41	63	2.643	ug/l #	12
59) 2-Hexanone	10.938	43	74	4.251	ug/l #	21
74) N-amyl acetate	12.308	43	55	1.440	ug/l #	39
76) 1,2,3-Trichloropropane	12.632	75	1619	65.724	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.544	75	67	7.060	ug/l #	17
90) Hexachloroethane	14.314	117	58	1.732	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.361	75	67	12.692	ug/l #	8

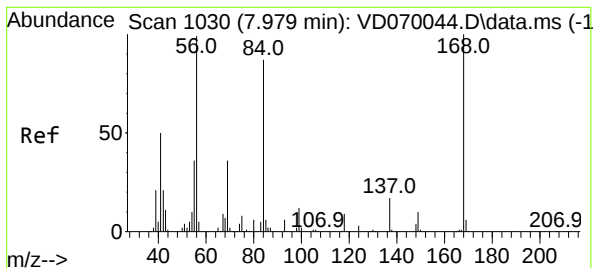
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD070256.D

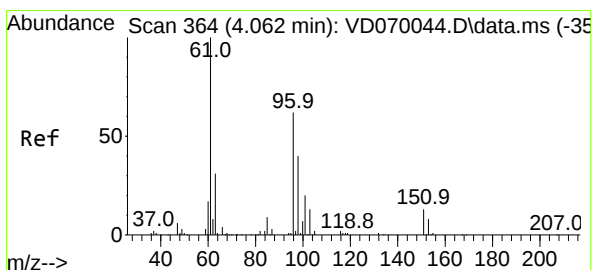
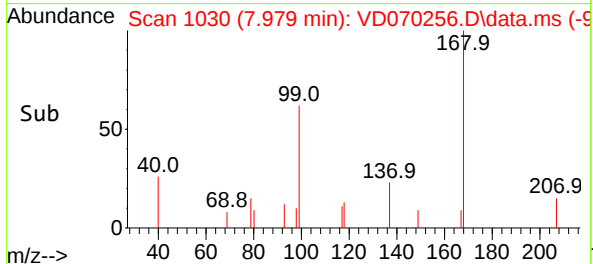
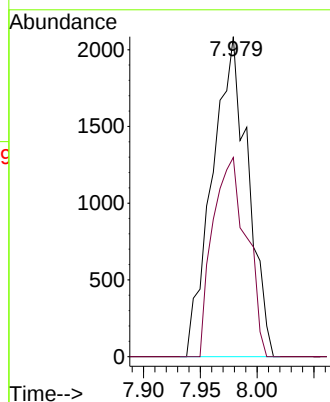
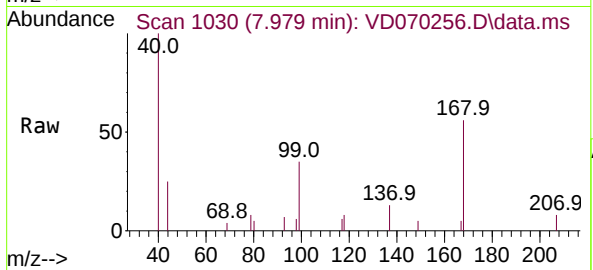
Acq: 25 Aug 2021 17:35

Tgt Ion:168 Resp: 4564

Ion Ratio Lower Upper

168 100

99 62.3 50.3 75.5



#12

1,1-Dichloroethene

Concen: 1.070 ug/l

RT: 3.909 min Scan# 338

Delta R.T. -0.153 min

Lab File: VD070256.D

Acq: 25 Aug 2021 17:35

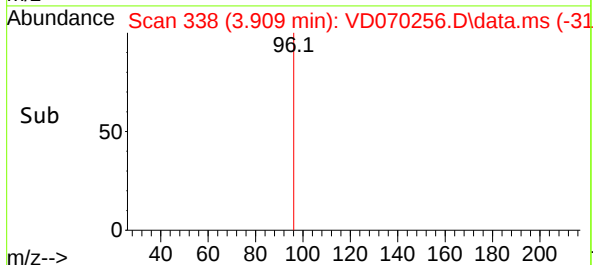
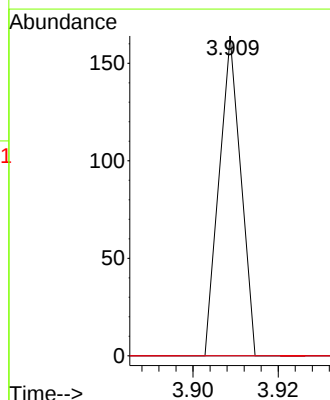
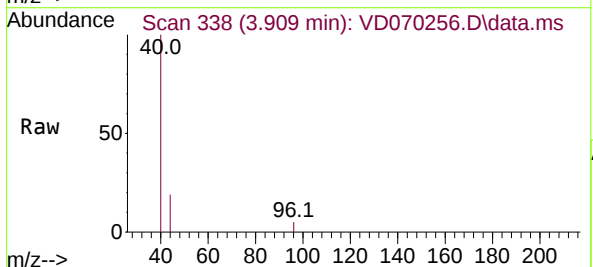
Tgt Ion: 96 Resp: 58

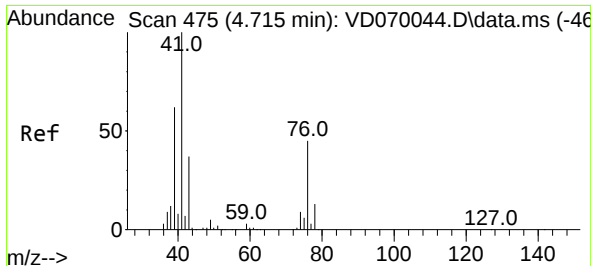
Ion Ratio Lower Upper

96 100

61 0.0 129.1 193.7#

98 0.0 52.0 78.0#

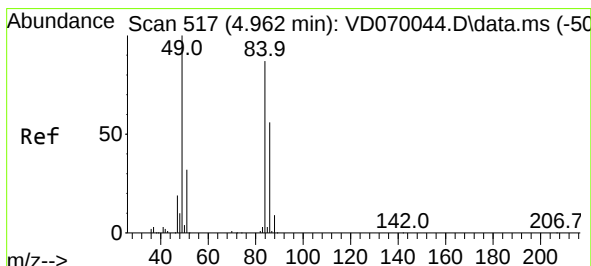
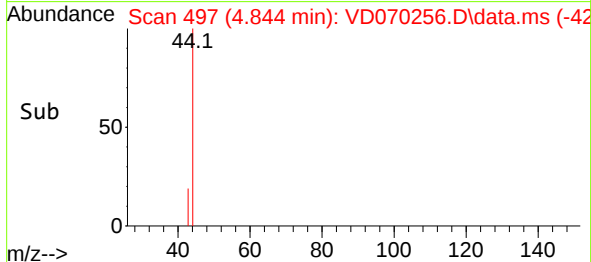
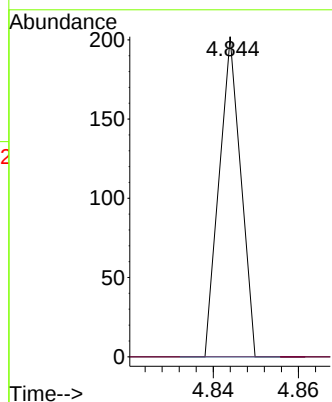
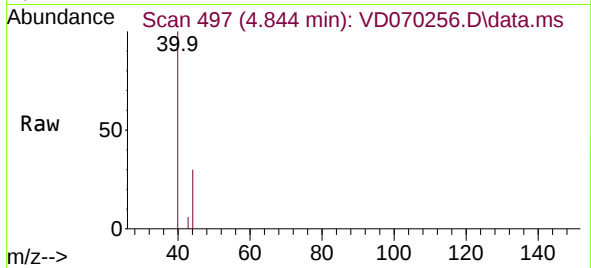




#18
Methyl Acetate
Concen: 2.408 ug/l
RT: 4.844 min Scan# 497
Delta R.T. 0.129 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

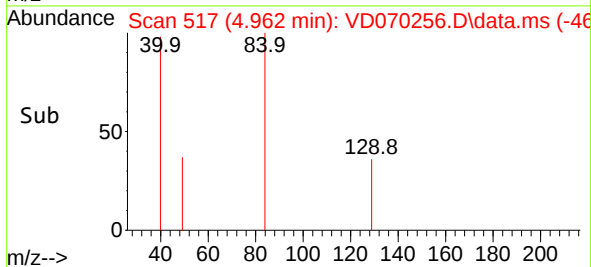
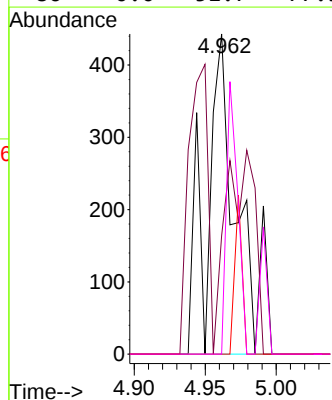
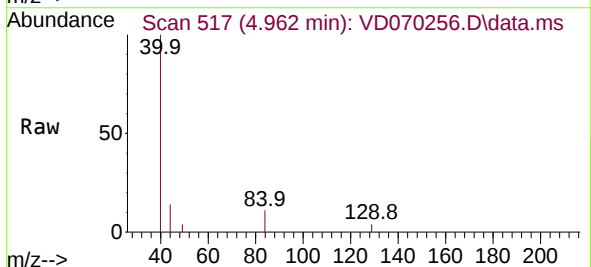
Instrument :
MSVOA_D
ClientSampleId :
PE-1

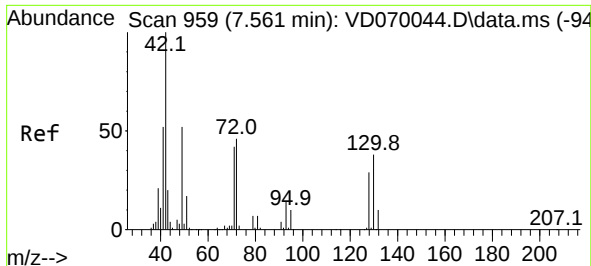
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 2.086 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

Tgt Ion: 84 Resp: 667
Ion Ratio Lower Upper
84 100
49 37.0 92.5 138.7#
51 0.0 29.7 44.5#
86 0.0 51.7 77.5#





#29

Tetrahydrofuran

Concen: 7.685 ug/l

RT: 7.785 min Scan# 997

Delta R.T. 0.224 min

Lab File: VD070256.D

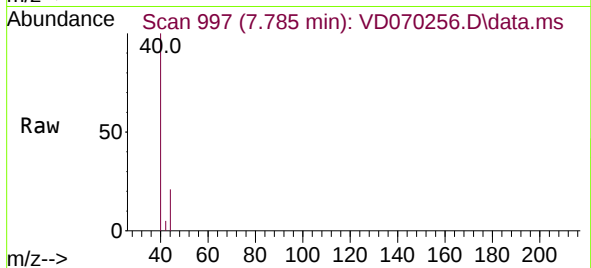
Acq: 25 Aug 2021 17:35

Instrument :

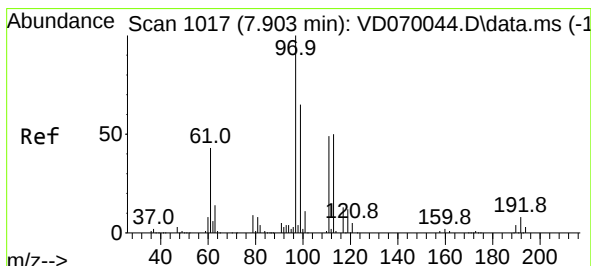
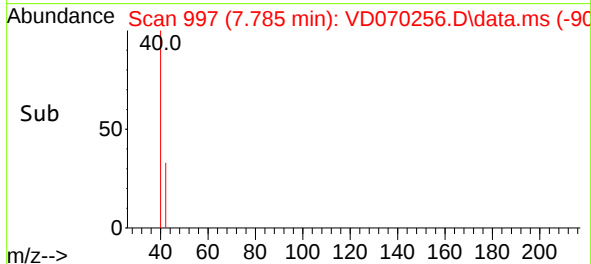
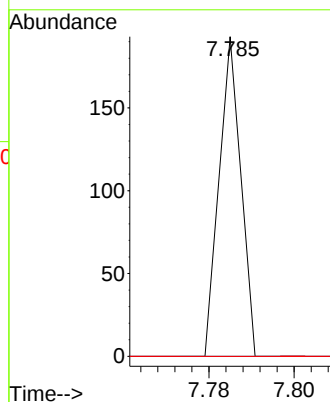
MSVOA_D

ClientSampleId :

PE-1



Tgt Ion:	42	Resp:	68
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.5	56.3#
71	0.0	33.6	50.4#



#32

1,1,1-Trichloroethane

Concen: 1.024 ug/l

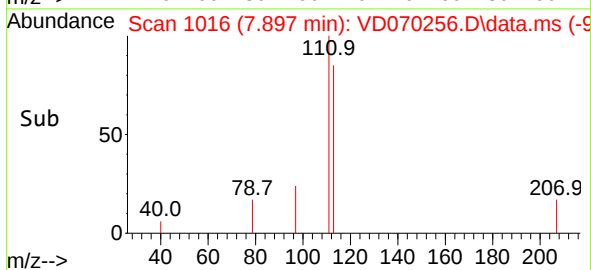
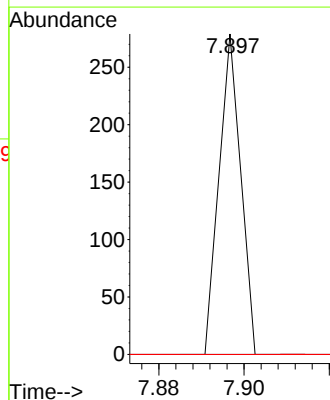
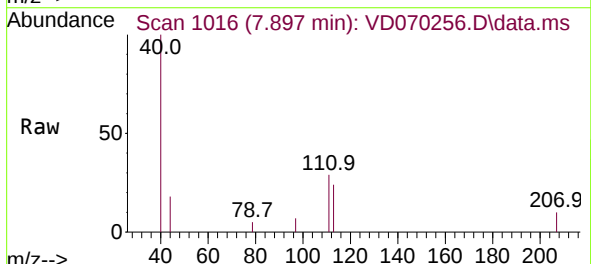
RT: 7.897 min Scan# 1016

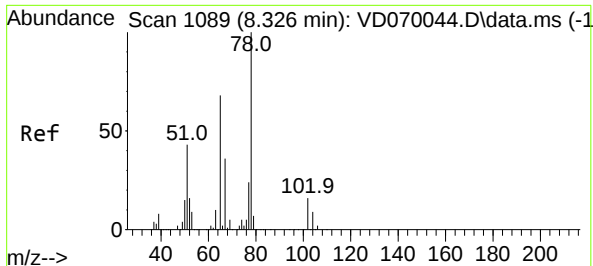
Delta R.T. -0.006 min

Lab File: VD070256.D

Acq: 25 Aug 2021 17:35

Tgt Ion:	97	Resp:	98
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.4	78.6#
61	0.0	34.4	51.6#



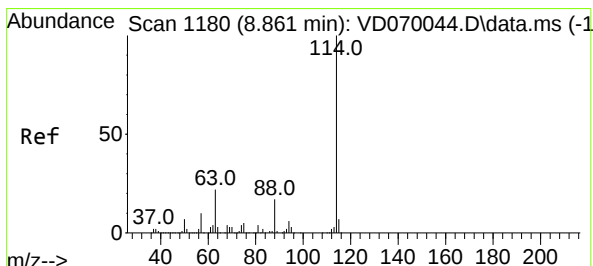
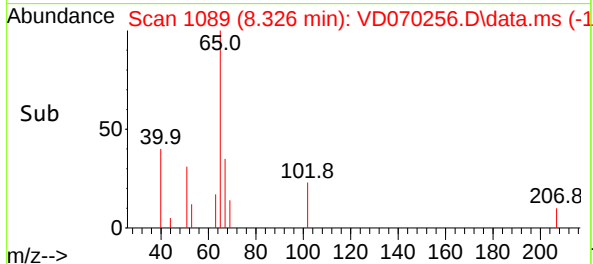
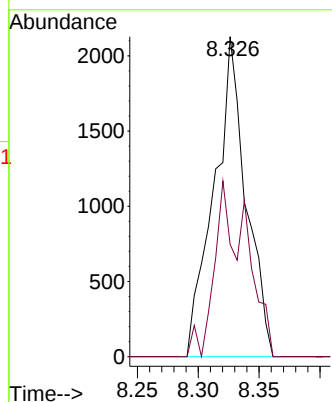
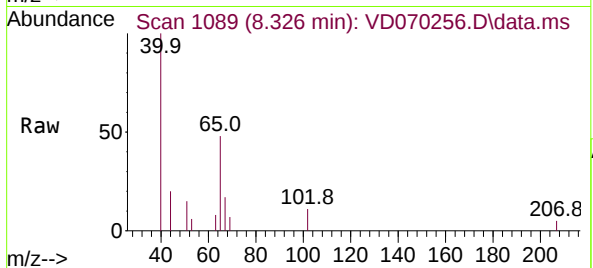


#33

1,2-Dichloroethane-d4
Concen: 72.485 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

Instrument :
MSVOA_D
ClientSampled :
PE-1

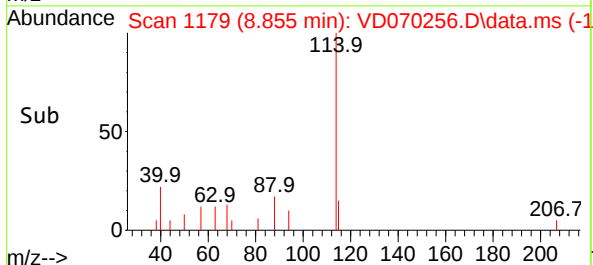
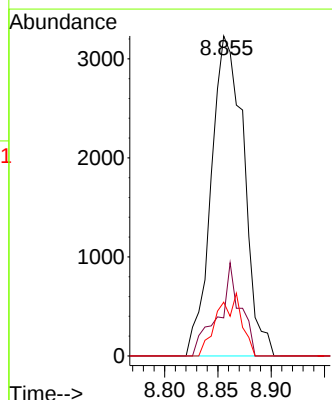
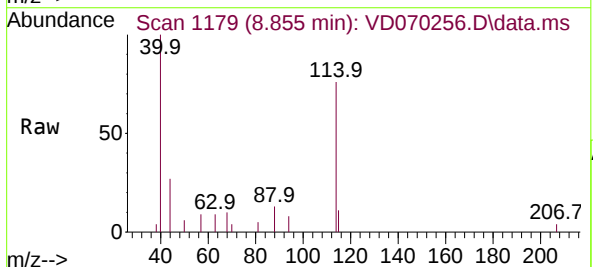
Tgt Ion: 65 Resp: 3891
Ion Ratio Lower Upper
65 100
67 33.7 0.0 107.8

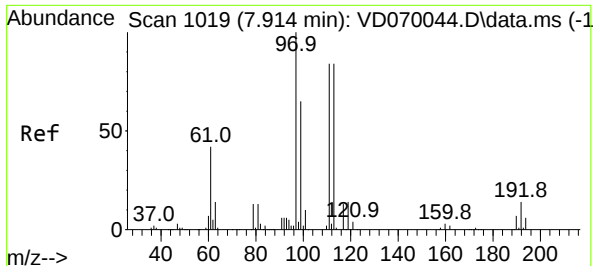


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

Tgt Ion: 114 Resp: 6852
Ion Ratio Lower Upper
114 100
63 11.9 0.0 43.6
88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 57.332 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.012 min

Lab File: VD070256.D

Acq: 25 Aug 2021 17:35

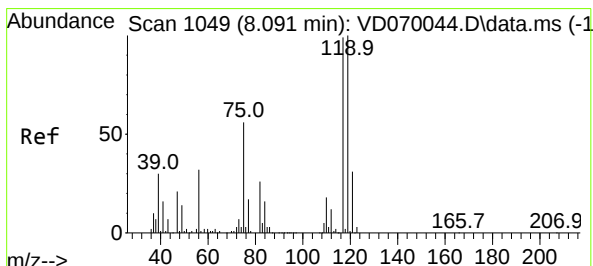
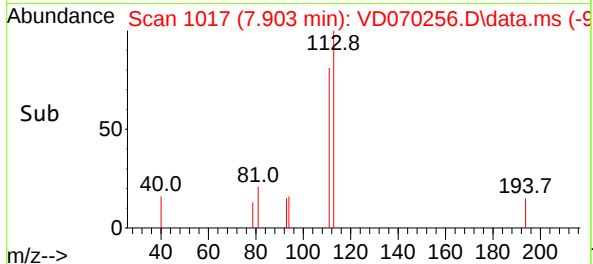
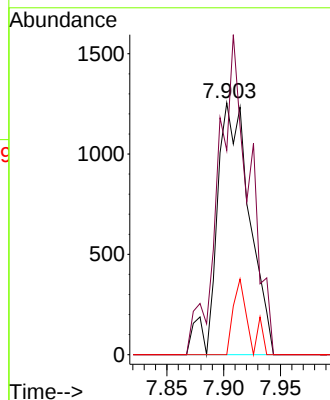
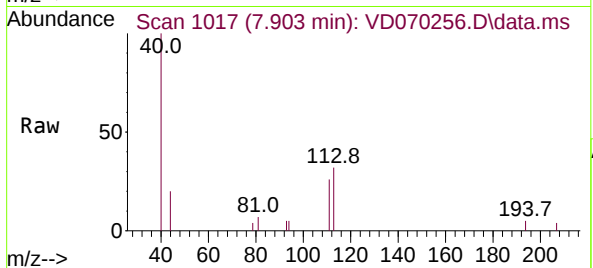
Instrument :

MSVOA_D

ClientSampleId :

PE-1

Tgt Ion:	113	Resp:	2538
Ion	Ratio	Lower	Upper
113	100		
111	120.1	81.8	122.6
192	13.8	13.2	19.8



#38

Carbon Tetrachloride

Concen: 4.752 ug/l

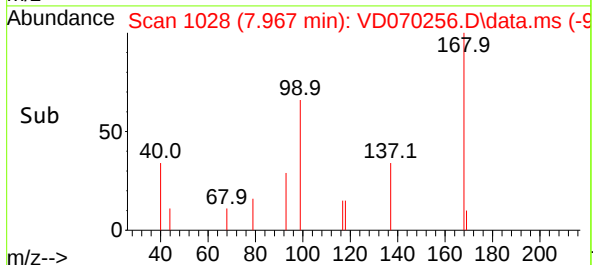
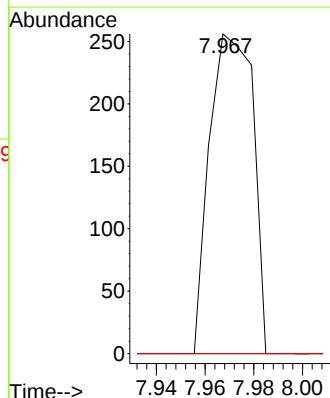
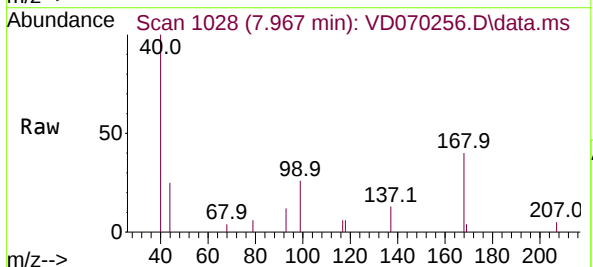
RT: 7.967 min Scan# 1028

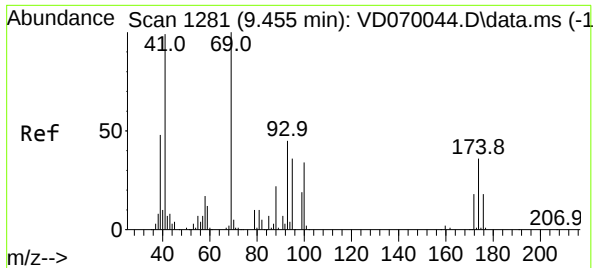
Delta R.T. -0.123 min

Lab File: VD070256.D

Acq: 25 Aug 2021 17:35

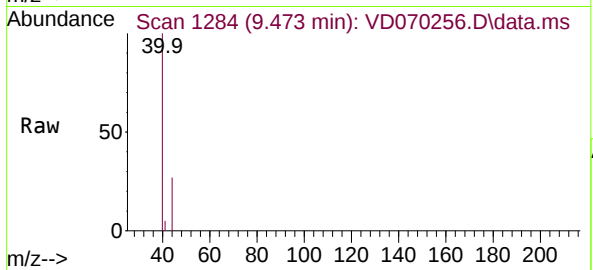
Tgt Ion:	117	Resp:	318
Ion	Ratio	Lower	Upper
117	100		
119	0.0	81.0	121.6#
121	0.0	25.0	37.6#



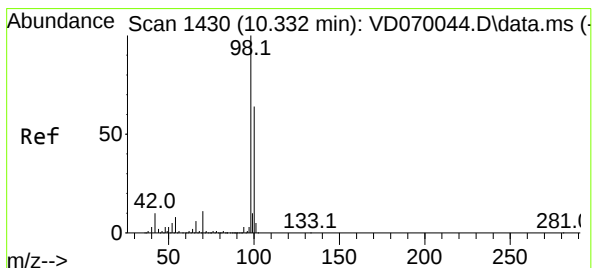
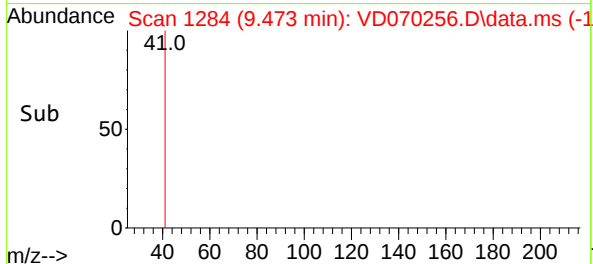
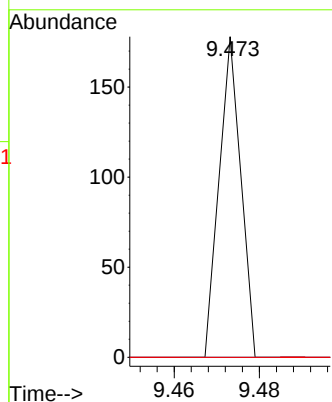


#48
Methyl methacrylate
Concen: 2.643 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.018 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

Instrument :
MSVOA_D
ClientSampled :
PE-1

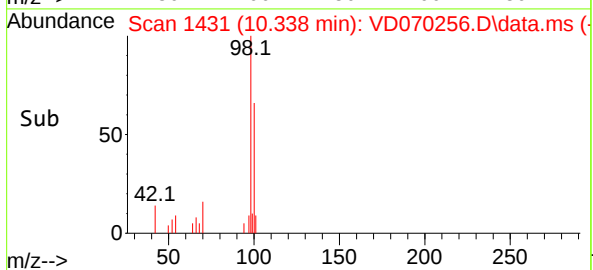
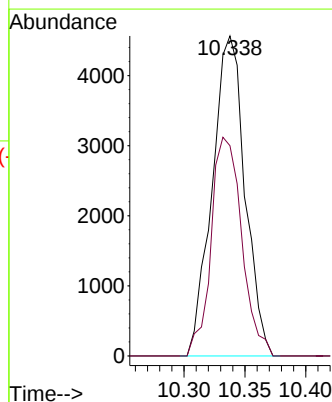
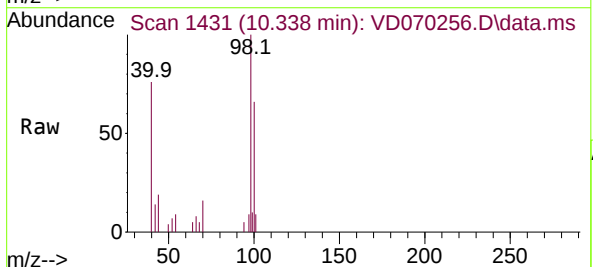


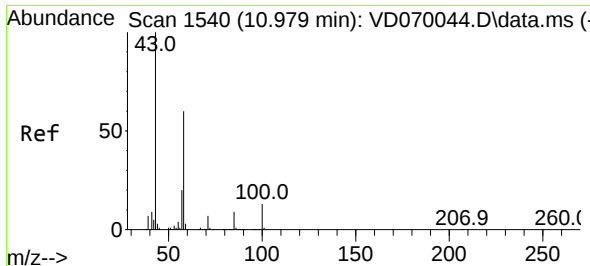
Tgt Ion: 41 Resp: 63
Ion Ratio Lower Upper
41 100
69 0.0 74.6 111.8#
39 0.0 35.9 53.9#



#50
Toluene-d8
Concen: 49.710 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

Tgt Ion: 98 Resp: 8559
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

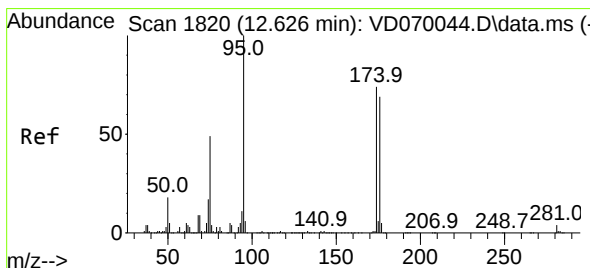
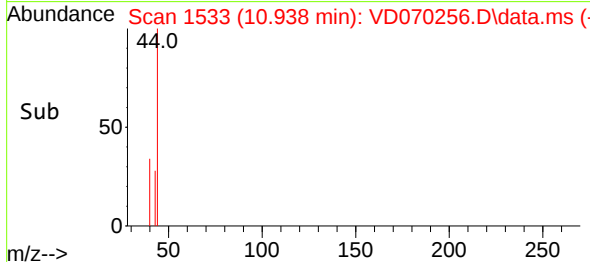
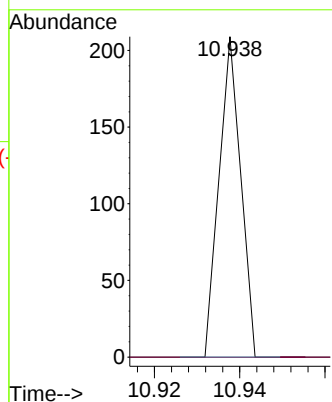
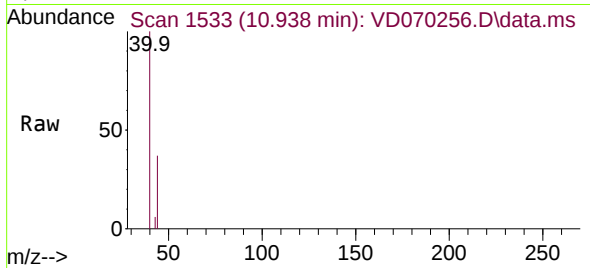




#59
2-Hexanone
Concen: 4.251 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.041 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

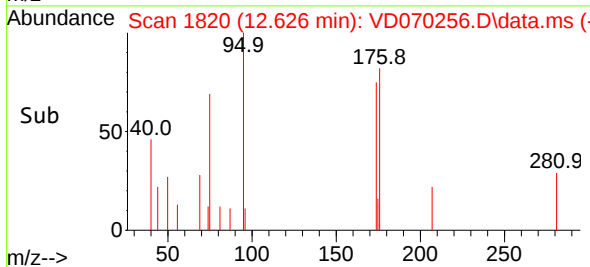
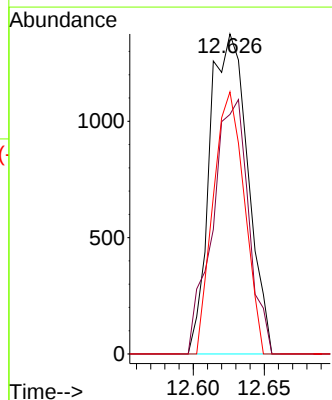
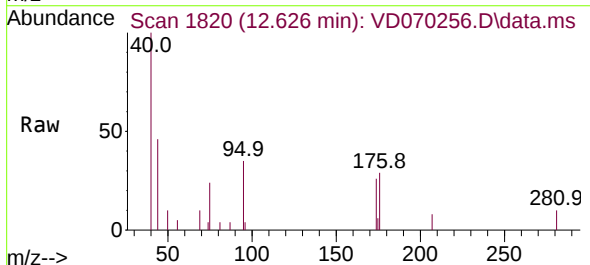
Instrument :
MSVOA_D
ClientSampleId :
PE-1

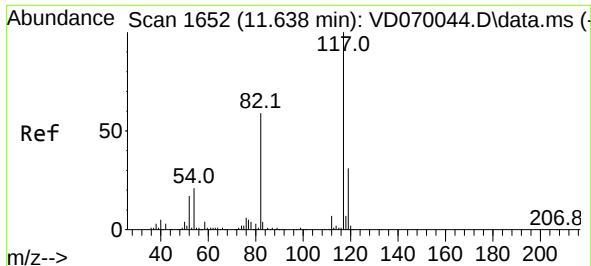
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.5#



#62
4-Bromofluorobenzene
Concen: 45.158 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

Tgt Ion: 95 Resp: 2561
Ion Ratio Lower Upper
95 100
174 75.1 0.0 141.6
176 66.9 0.0 138.2

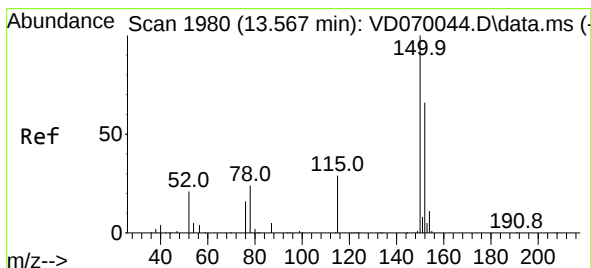
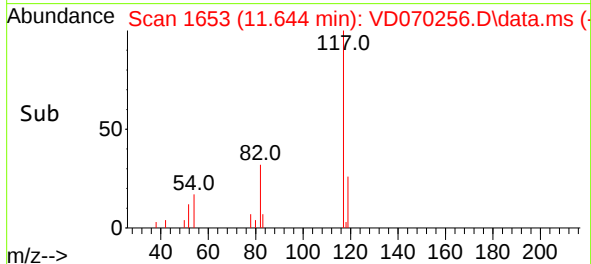
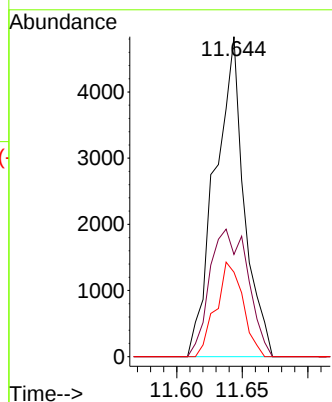
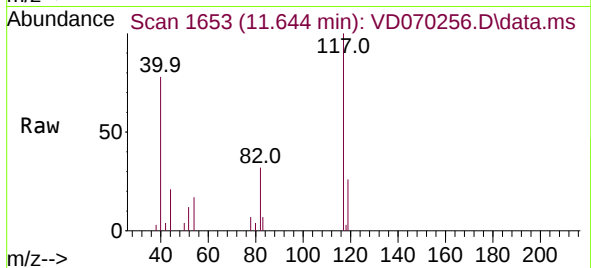




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

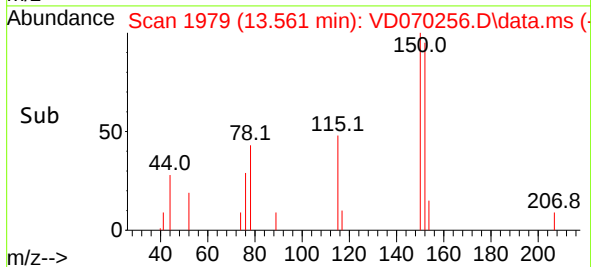
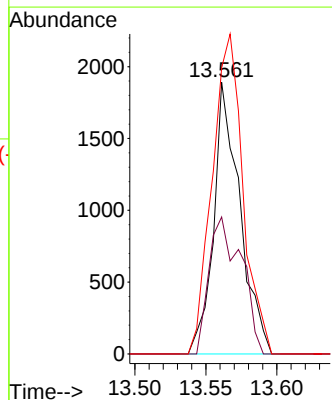
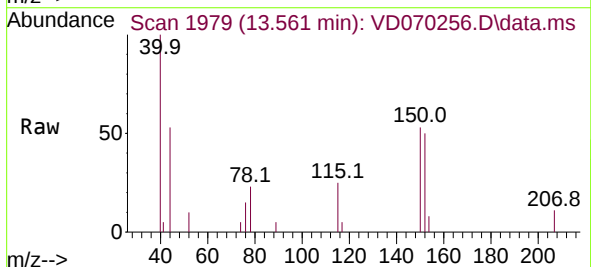
Instrument :
MSVOA_D
ClientSampleId :
PE-1

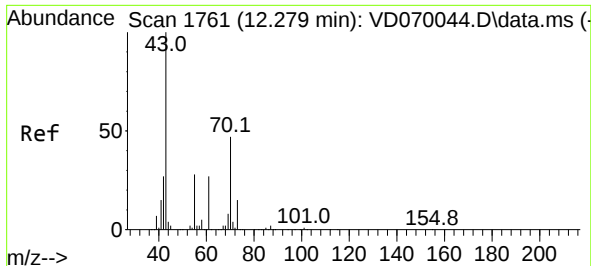
Tgt Ion:	117	Resp:	7464
Ion	Ratio	Lower	Upper
117	100		
82	31.9	47.5	71.3#
119	26.4	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

Tgt Ion:	152	Resp:	2429
Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.2	93.6
150	138.2	0.0	352.0

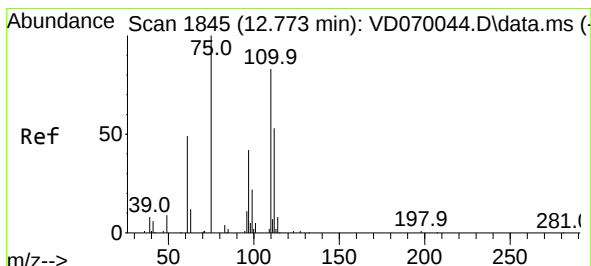
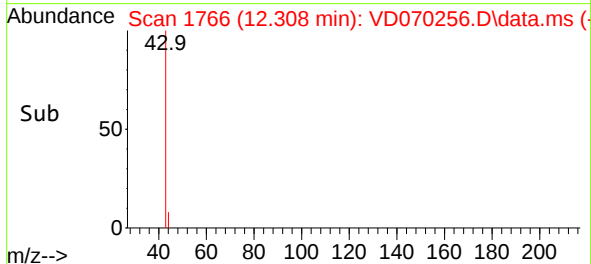
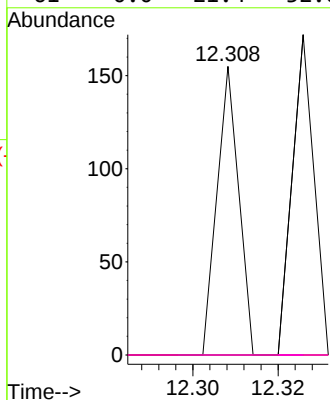
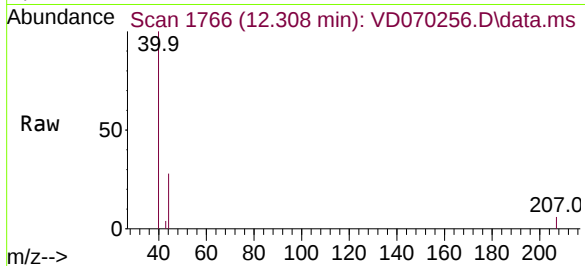




#74
N-amy1 acetate
Concen: 1.440 ug/l
RT: 12.308 min Scan# 1766
Delta R.T. 0.029 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

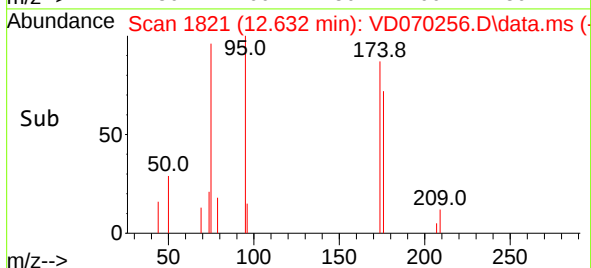
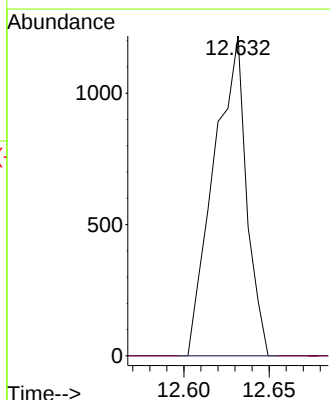
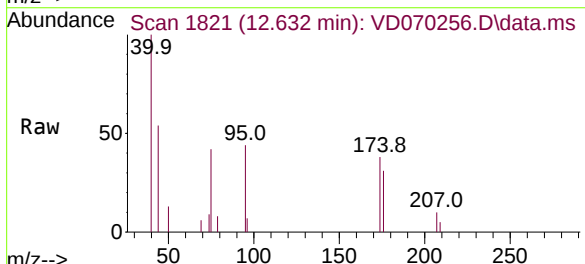
Instrument :
MSVOA_D
ClientSampleId :
PE-1

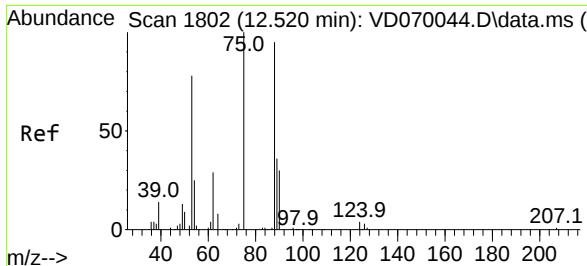
Tgt Ion: 43	Resp: 55
Ion Ratio	Lower Upper
43 100	
70 0.0	37.2 55.8#
55 0.0	22.9 34.3#
61 0.0	21.4 32.0#



#76
1,2,3-Trichloropropane
Concen: 65.724 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

Tgt Ion: 75	Resp: 1619
Ion Ratio	Lower Upper
75 100	
77 0.0	182.4 547.2#

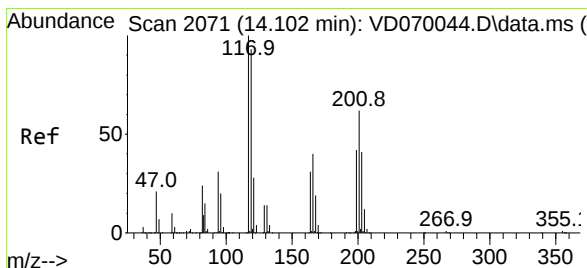
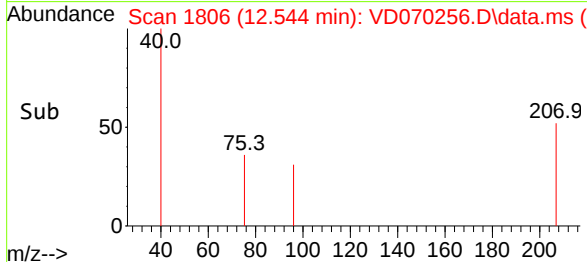
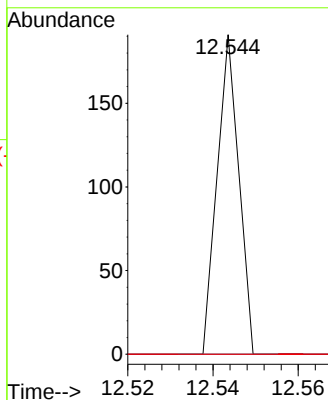
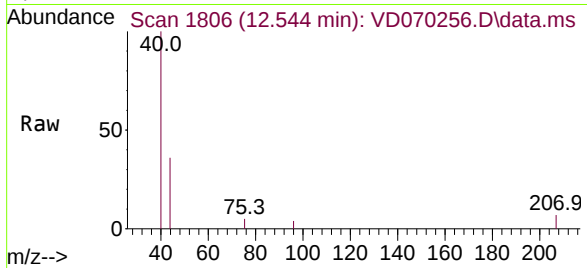




#81
trans-1,4-Dichloro-2-butene
Concen: 7.060 ug/l
RT: 12.544 min Scan# 1806
Delta R.T. 0.024 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

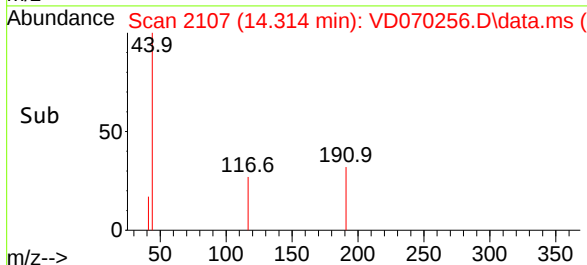
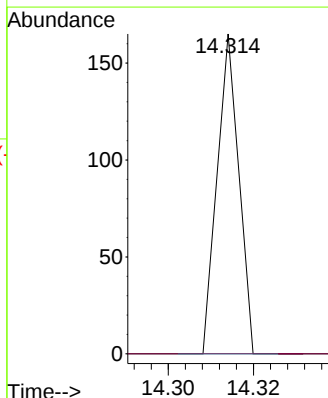
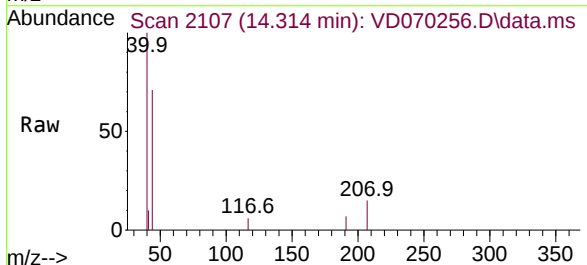
Instrument :
MSVOA_D
ClientSampleId :
PE-1

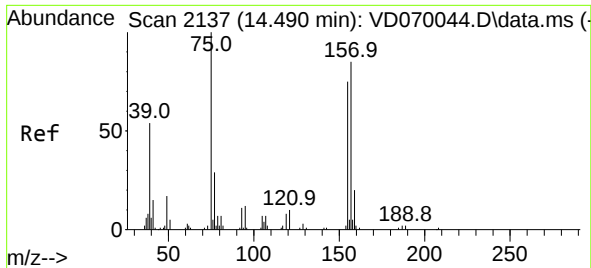
Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 33.7 50.5#



#90
Hexachloroethane
Concen: 1.732 ug/l
RT: 14.314 min Scan# 2107
Delta R.T. 0.212 min
Lab File: VD070256.D
Acq: 25 Aug 2021 17:35

Tgt Ion: 117 Resp: 58
Ion Ratio Lower Upper
117 100
201 0.0 31.6 95.0#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.692 ug/l
 RT: 14.361 min Scan# 2115
 Delta R.T. -0.129 min
 Lab File: VD070256.D
 Acq: 25 Aug 2021 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-1

Tgt Ion: 75 Resp: 67
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.3 105.9#
 157 0.0 46.8 140.3#

