

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071189.D
 Acq On : 07 Dec 2021 17:55
 Operator : VA/SY
 Sample : M4947-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 08 02:52:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

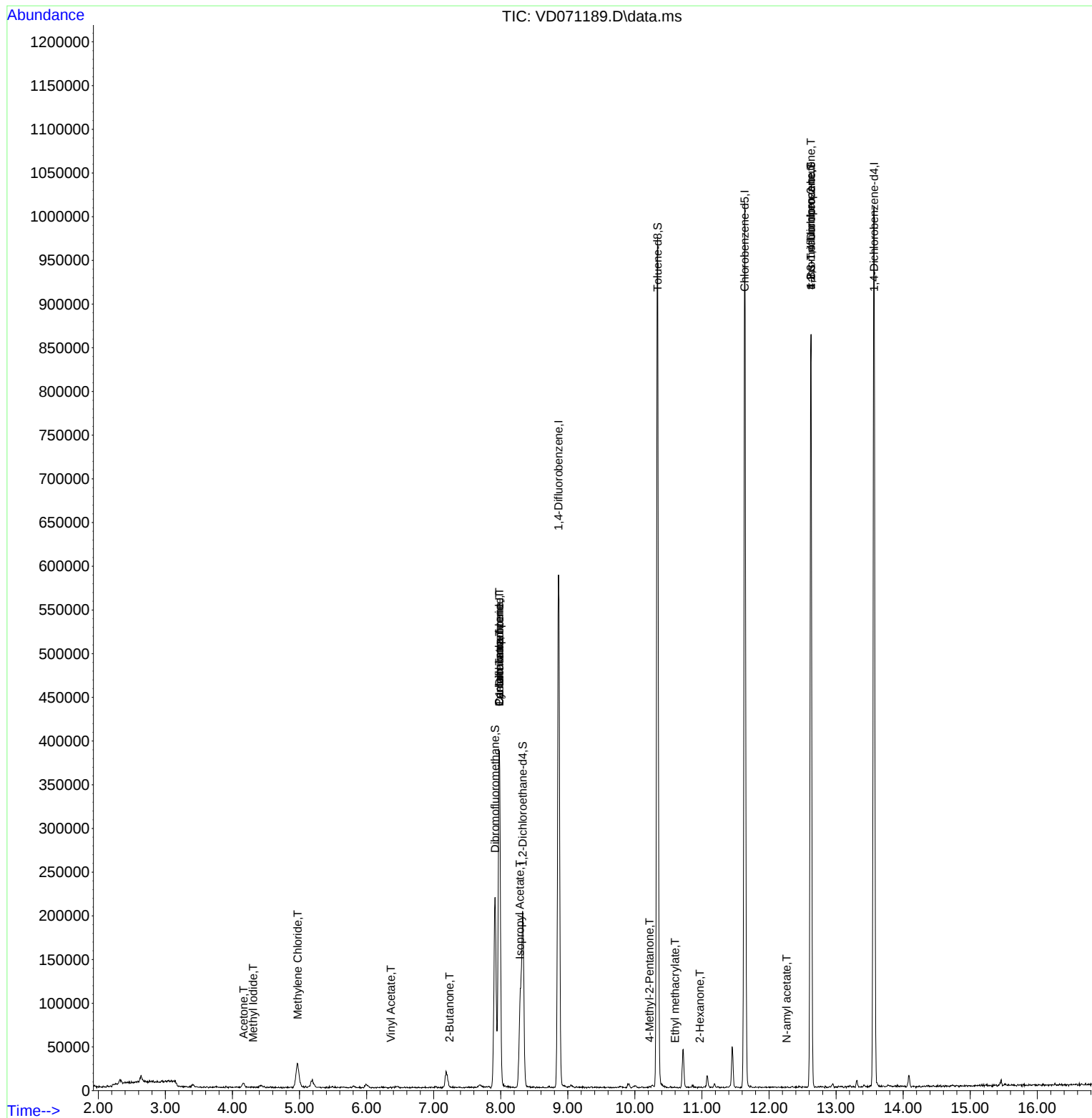
Internal Standards						
1) Pentafluorobenzene	7.979	168	275510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	484072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	251073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	144890	44.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.64%		
35) Dibromofluoromethane	7.914	113	149737	48.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.16%		
50) Toluene-d8	10.338	98	641382	54.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	109.36%		
62) 4-Bromofluorobenzene	12.626	95	252265	62.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	124.08%		
Target Compounds					Qvalue	
10) Methyl Iodide	4.309	142	83	4.58	ug/l #	40
11) Tert butyl alcohol	5.191	59	7924	Below Cal	#	71
16) Acetone	4.167	43	9420	40.42	ug/l #	85
20) Methylene Chloride	4.973	84	18994	1.80	ug/l #	84
23) Vinyl Acetate	6.361	43	65	27.23	ug/l #	72
25) 2-Butanone	7.238	43	60	28.41	ug/l #	45
31) Cyclohexane	7.979	56	7916	1.44	ug/l #	13
36) 1,1-Dichloropropene	7.979	75	25314	5.60	ug/l #	50
38) Carbon Tetrachloride	7.979	117	30098	6.75	ug/l #	17
41) Methacrylonitrile	7.491	41	56	Below Cal	#	1
43) Isopropyl Acetate	8.285	43	3513	5.95	ug/l #	23
51) 4-Methyl-2-Pentanone	10.220	43	650	30.91	ug/l #	82
56) Ethyl methacrylate	10.597	69	115	6.00	ug/l #	16
59) 2-Hexanone	10.967	43	271	34.71	ug/l #	22
74) N-amyl acetate	12.261	43	81	5.72	ug/l #	40
76) 1,2,3-Trichloropropane	12.626	75	144182	60.27	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	144182	130.47	ug/l #	18

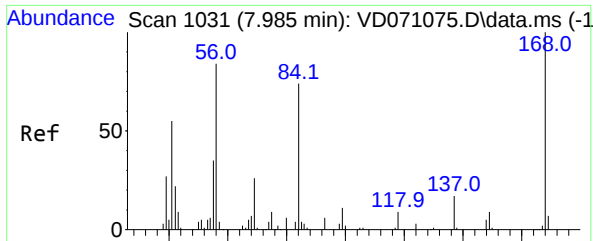
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071189.D
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Operator : VA/SY
Sample : M4947-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

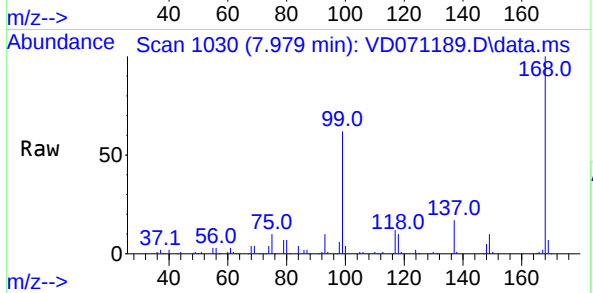
Quant Time: Dec 08 02:52:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
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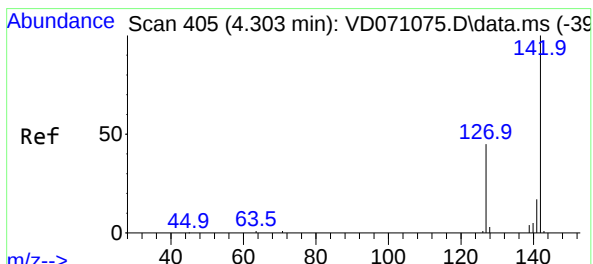
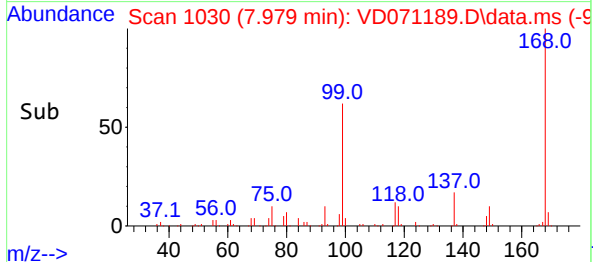
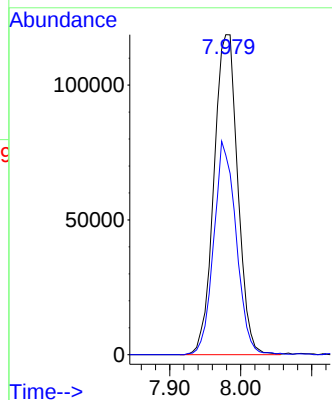


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Instrument :
MSVOA_D
ClientSampleId :

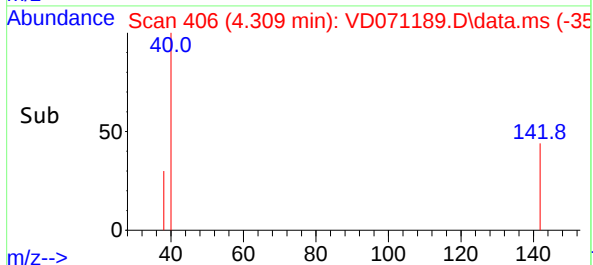
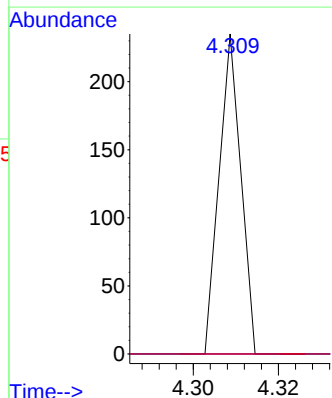
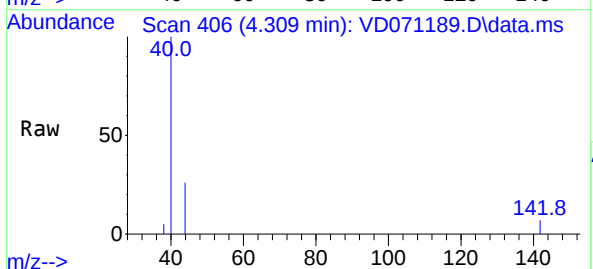


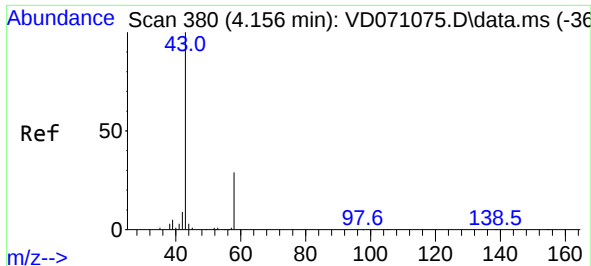
Tgt Ion:168 Resp: 275510
Ion Ratio Lower Upper
168 100
99 62.3 46.6 69.8



#10
Methyl Iodide
Concen: 4.58 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#

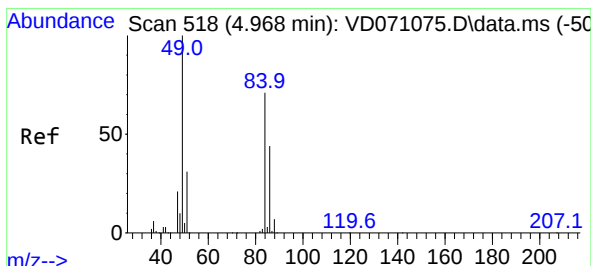
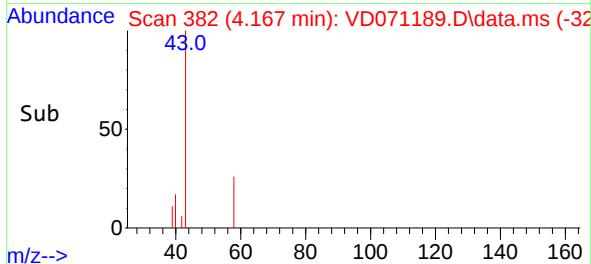
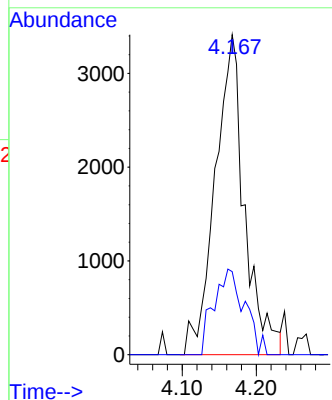
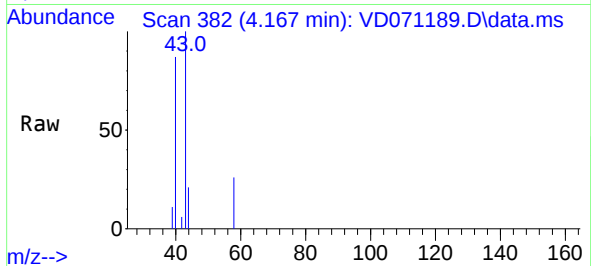




#16
Acetone
Concen: 40.42 ug/l
RT: 4.167 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

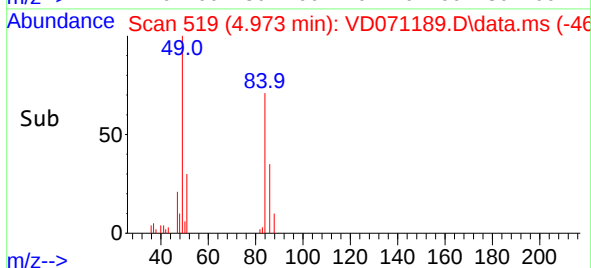
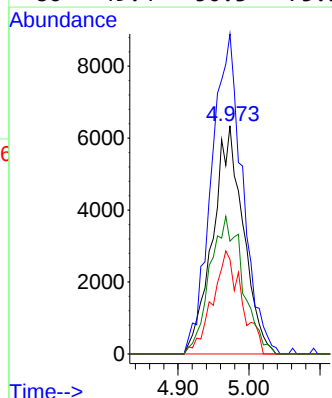
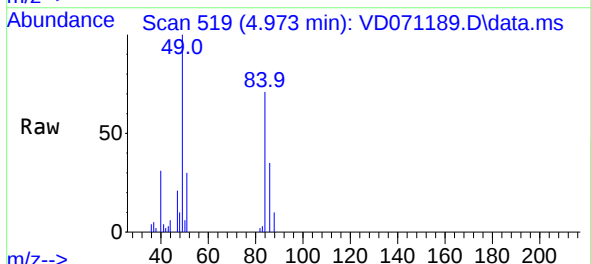
Instrument :
MSVOA_D
ClientSampleId :

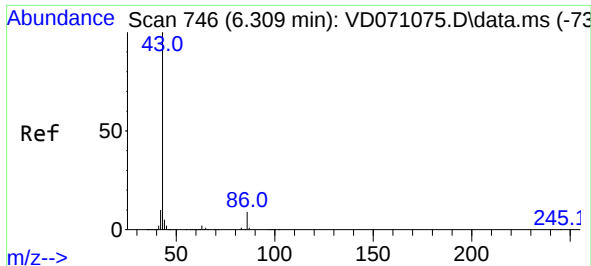
Tgt Ion: 43 Resp: 9420
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#



#20
Methylene Chloride
Concen: 1.80 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.005 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Tgt Ion: 84 Resp: 18994
Ion Ratio Lower Upper
84 100
49 140.2 95.8 143.6
51 41.4 30.9 46.3
86 49.4 50.3 75.5#

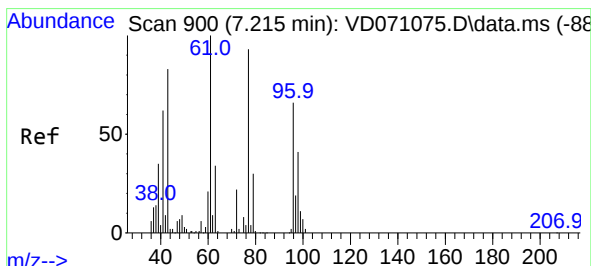
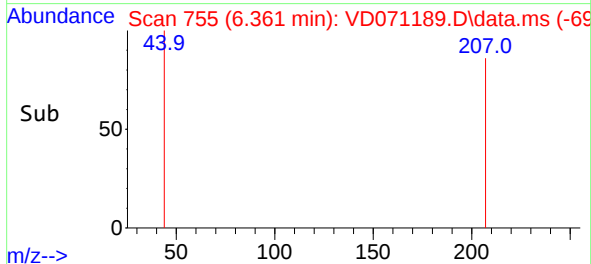
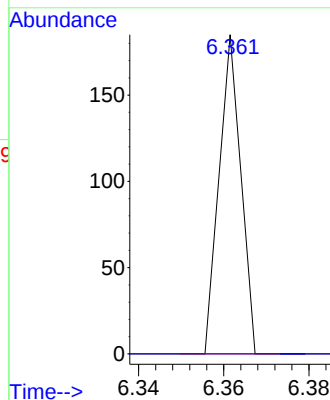
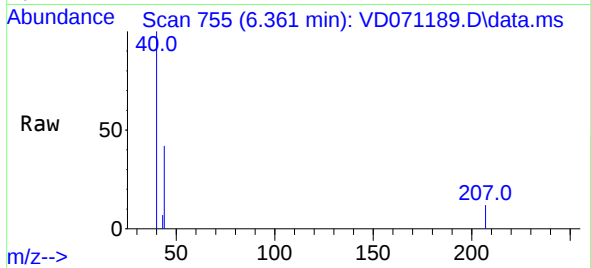




#23
 Vinyl Acetate
 Concen: 27.23 ug/l
 RT: 6.361 min Scan# 71
 Delta R.T. 0.052 min
 Lab File: VD071189.D
 Acq: 07 Dec 2021 17:55

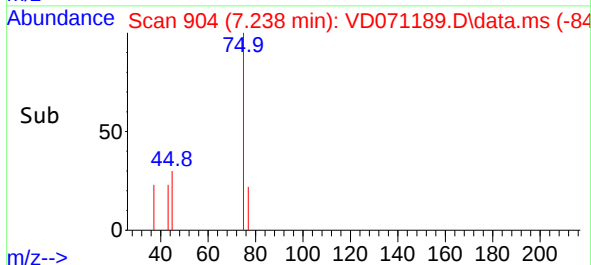
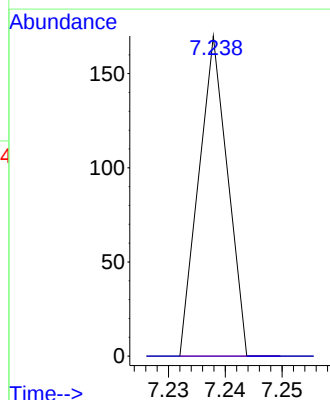
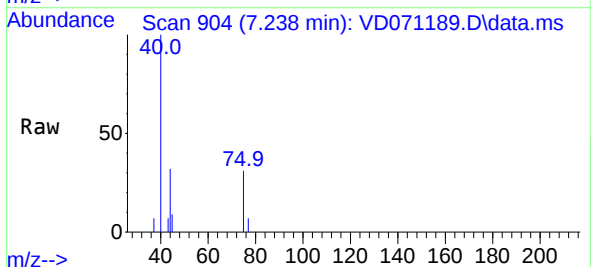
Instrument :
 MSVOA_D
 ClientSampleId :

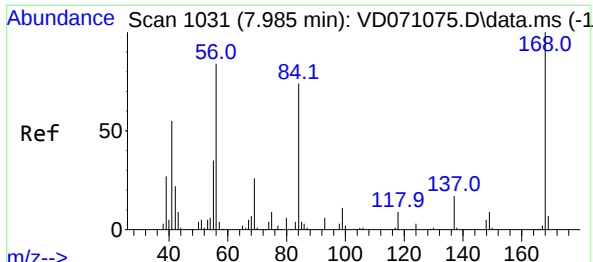
Tgt Ion: 43 Resp: 65
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 28.41 ug/l
 RT: 7.238 min Scan# 904
 Delta R.T. 0.023 min
 Lab File: VD071189.D
 Acq: 07 Dec 2021 17:55

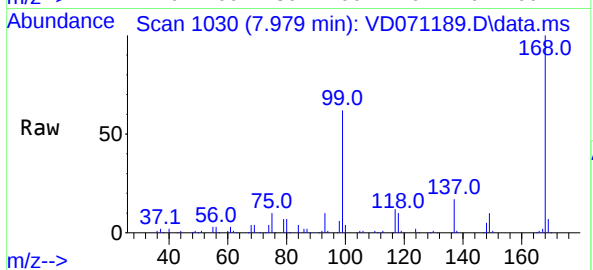
Tgt Ion: 43 Resp: 60
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.6#



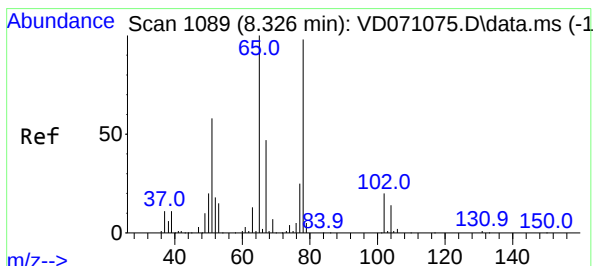
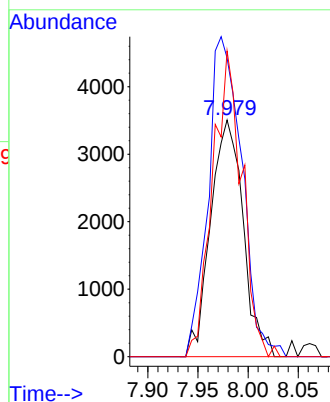
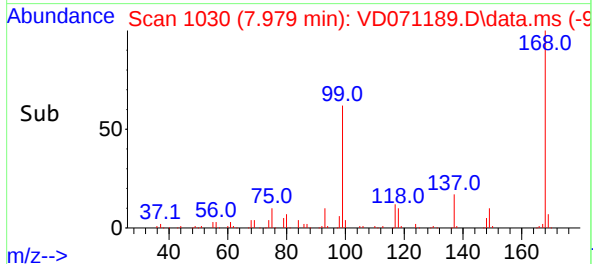


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Instrument :
MSVOA_D
ClientSampleId :

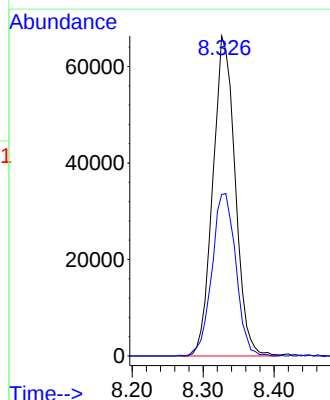
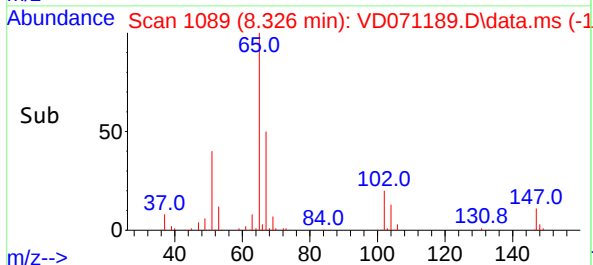
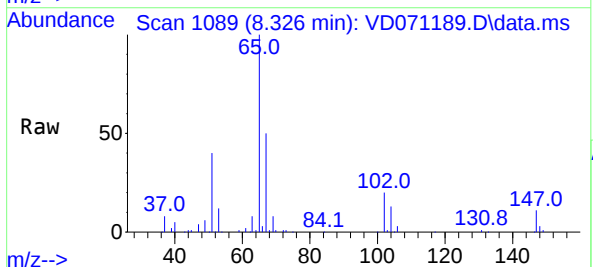


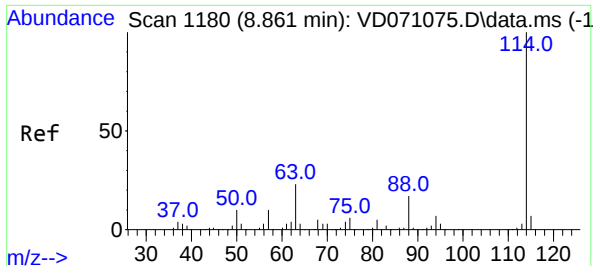
Tgt Ion: 56 Resp: 7916
Ion Ratio Lower Upper
56 100
69 126.2 25.9 38.9#
84 129.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 44.82 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Tgt Ion: 65 Resp: 144890
Ion Ratio Lower Upper
65 100
67 54.2 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071189.D

Acq: 07 Dec 2021 17:55

Instrument :

MSVOA_D

ClientSampleId :

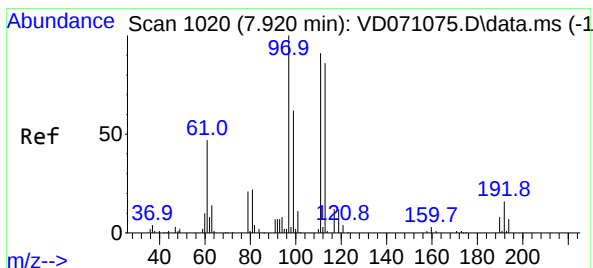
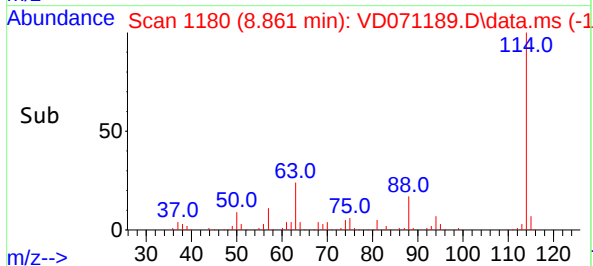
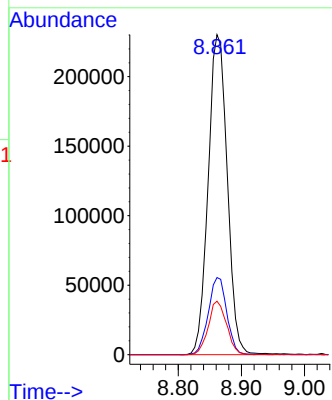
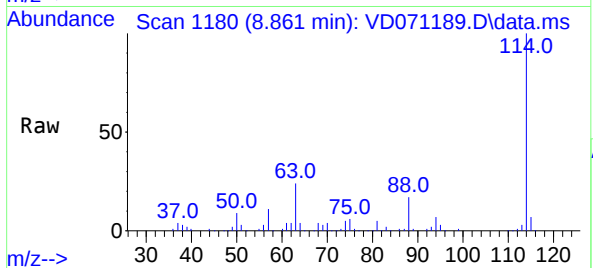
Tgt Ion:114 Resp: 484072

Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.58 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071189.D

Acq: 07 Dec 2021 17:55

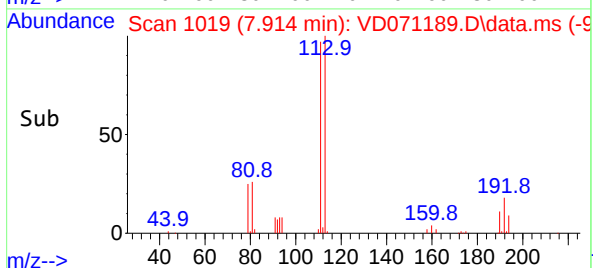
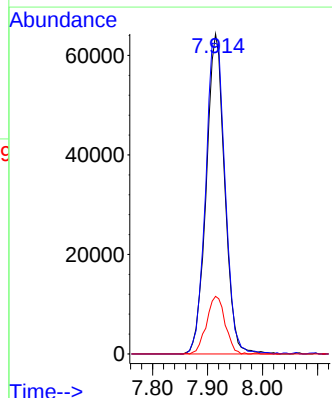
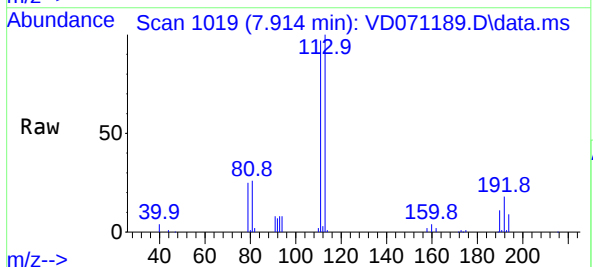
Tgt Ion:113 Resp: 149737

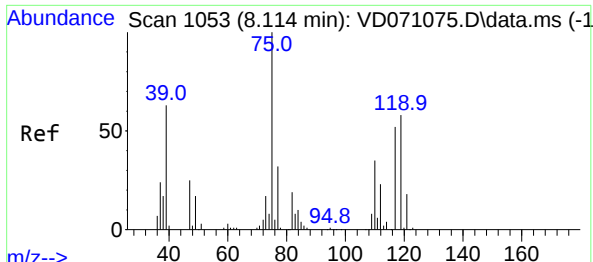
Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

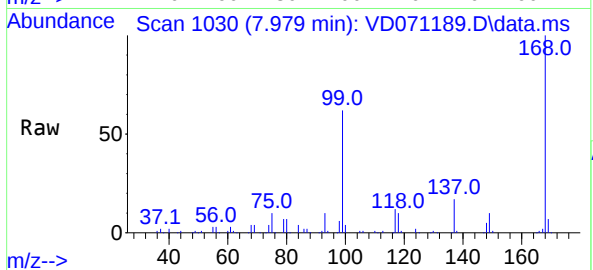
192 18.2 15.2 22.8



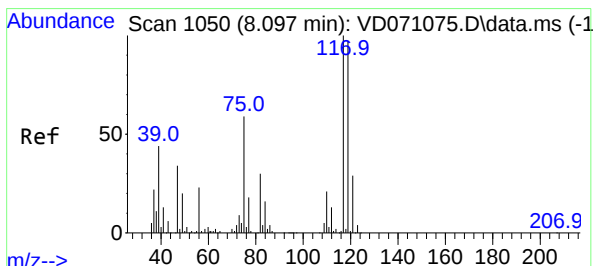
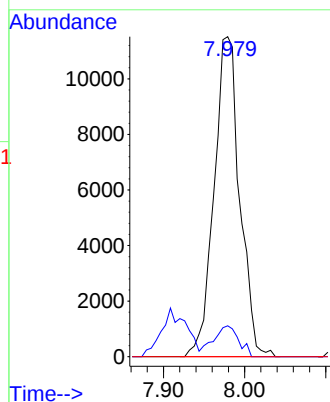
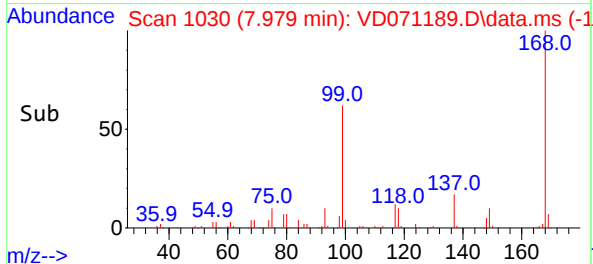


#36
1,1-Dichloropropene
Concen: 5.60 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

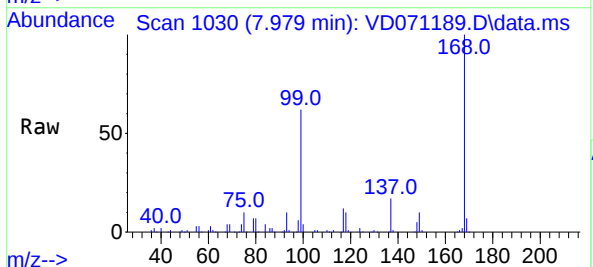
Instrument :
MSVOA_D
ClientSampleId :



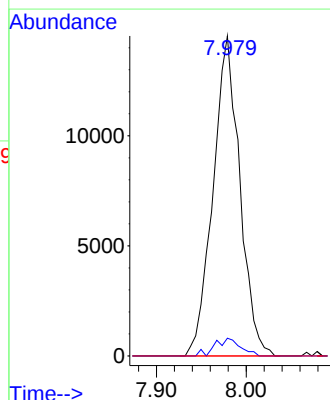
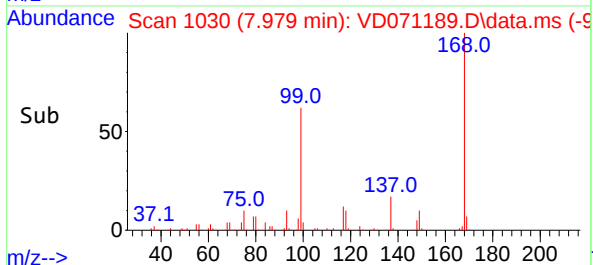
Tgt Ion: 75 Resp: 25314
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.4#
77 0.0 24.8 37.2#

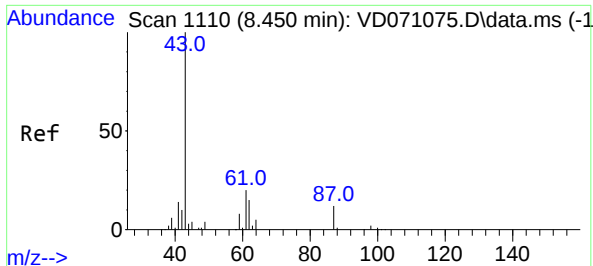


#38
Carbon Tetrachloride
Concen: 6.75 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55



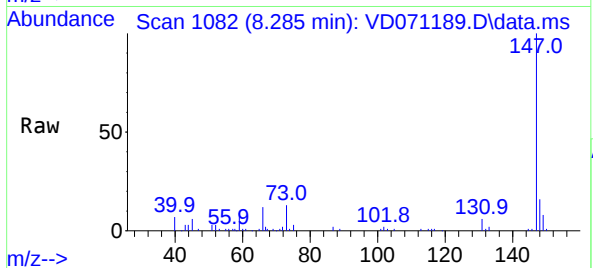
Tgt Ion: 117 Resp: 30098
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 23.6 35.4#



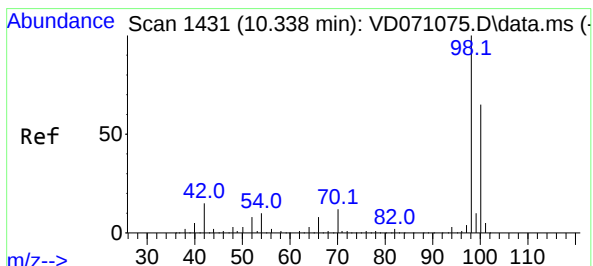
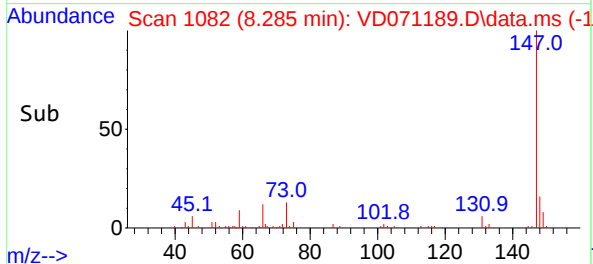
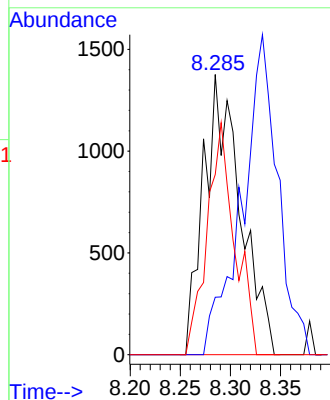


#43
Isopropyl Acetate
Concen: 5.95 ug/l
RT: 8.285 min Scan# 1082
Delta R.T. -0.165 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Instrument :
MSVOA_D
ClientSampleId :

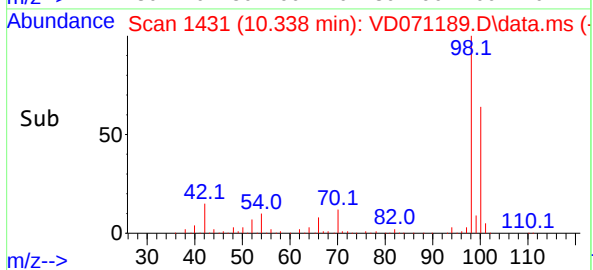
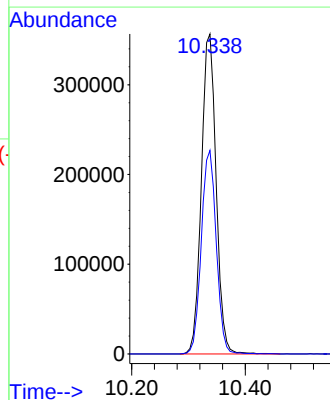
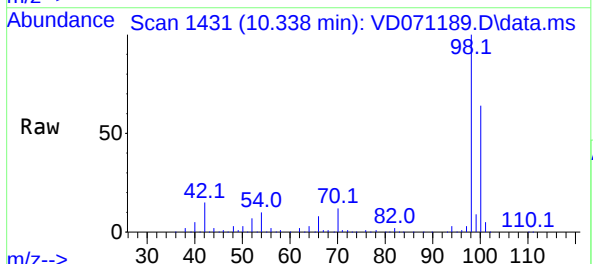


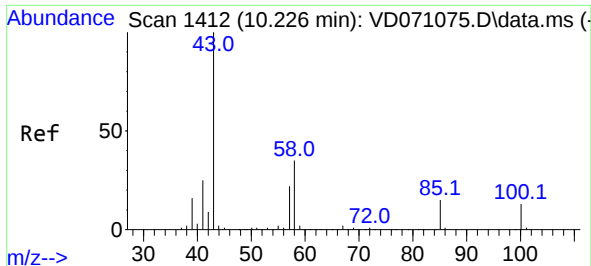
Tgt Ion: 43 Resp: 3513
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 62.0 10.7 16.1#



#50
Toluene-d8
Concen: 54.68 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Tgt Ion: 98 Resp: 641382
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

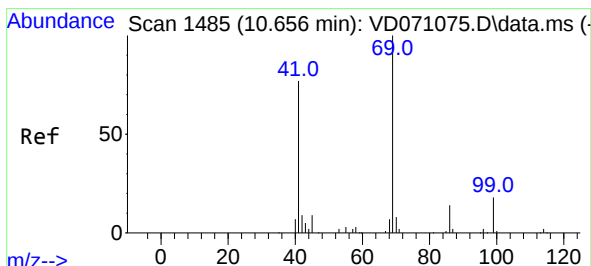
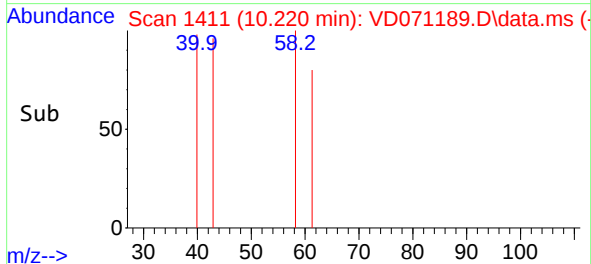
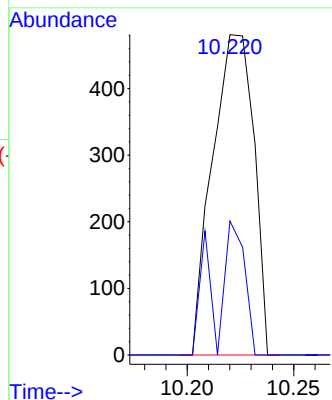
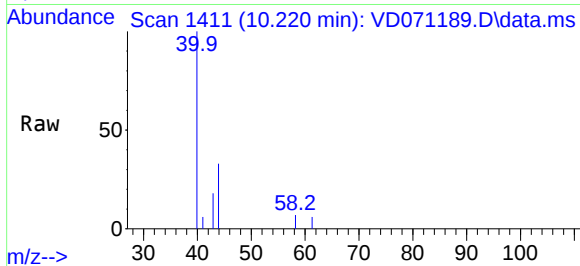




#51
4-Methyl-2-Pentanone
Concen: 30.91 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

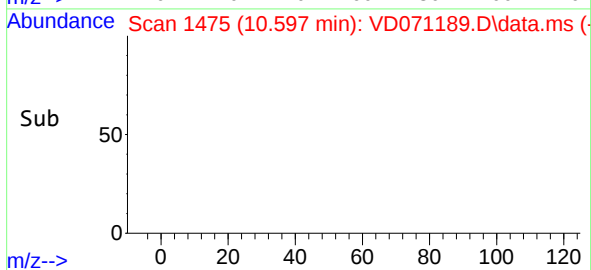
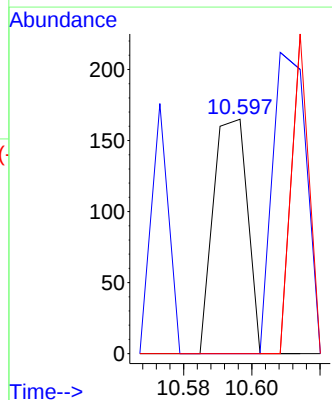
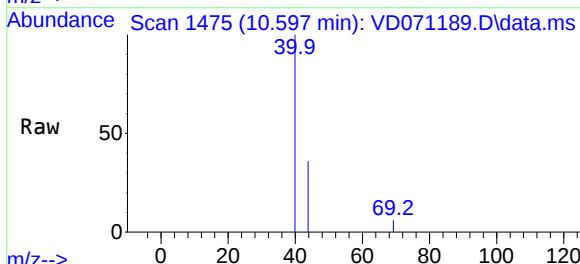
Instrument :
MSVOA_D
ClientSampleId :

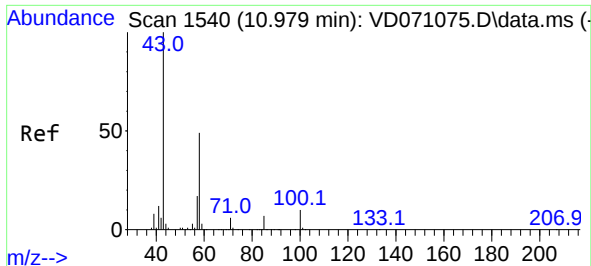
Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 29.8 33.1 49.7#



#56
Ethyl methacrylate
Concen: 6.00 ug/l
RT: 10.597 min Scan# 1475
Delta R.T. -0.059 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Tgt Ion: 69 Resp: 115
Ion Ratio Lower Upper
69 100
41 126.1 50.2 75.2#
39 68.7 19.8 29.8#

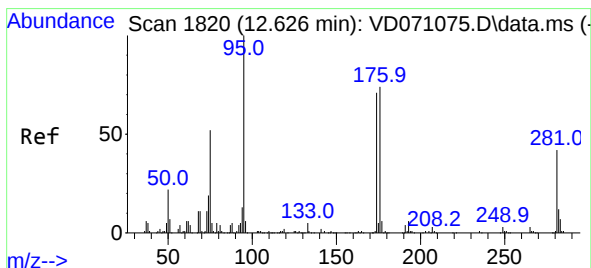
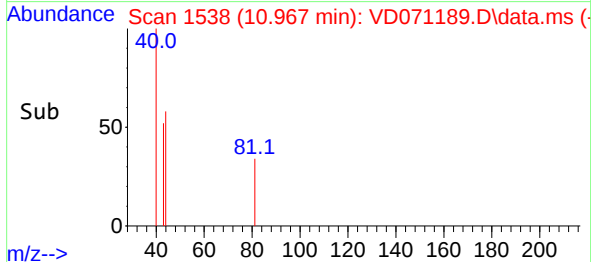
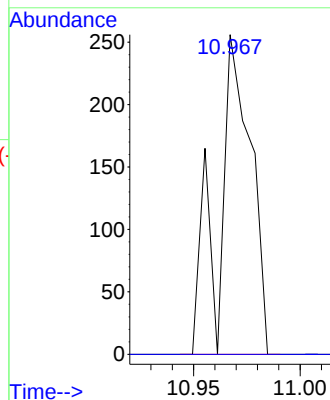
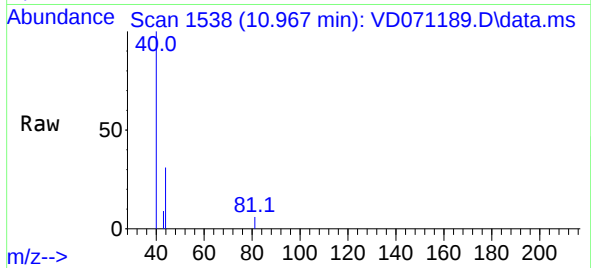




#59
2-Hexanone
Concen: 34.71 ug/l
RT: 10.967 min Scan# 1538
Delta R.T. -0.012 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

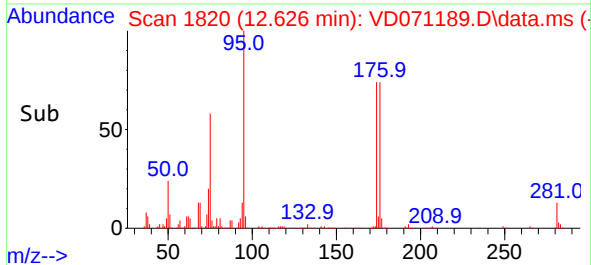
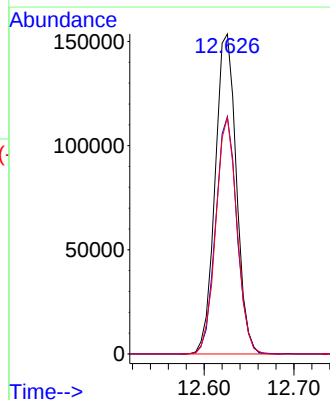
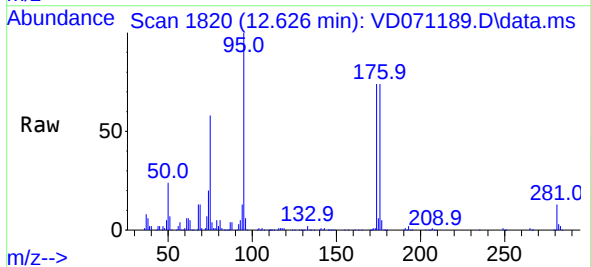
Instrument :
MSVOA_D
ClientSampleId :

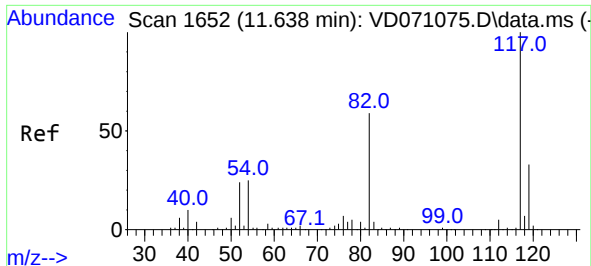
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 62.04 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Tgt Ion: 95 Resp: 252265
Ion Ratio Lower Upper
95 100
174 74.3 0.0 159.4
176 73.4 0.0 154.0

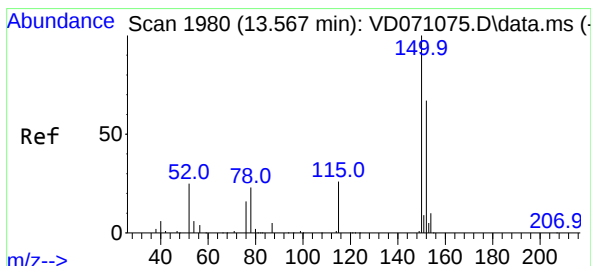
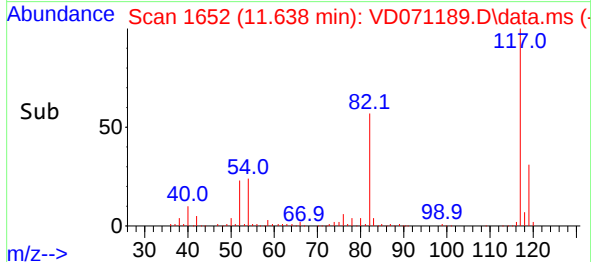
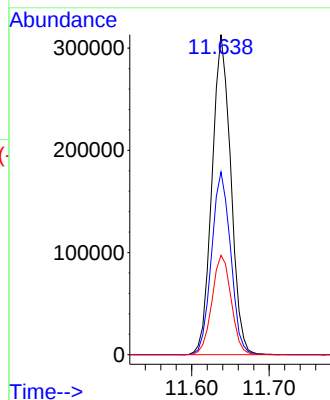
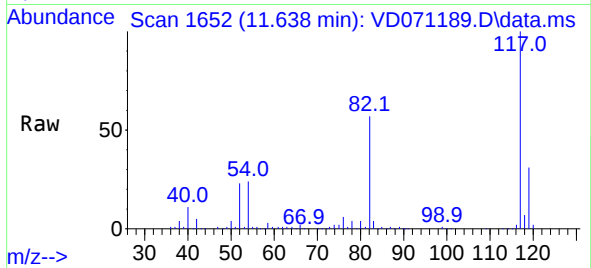




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

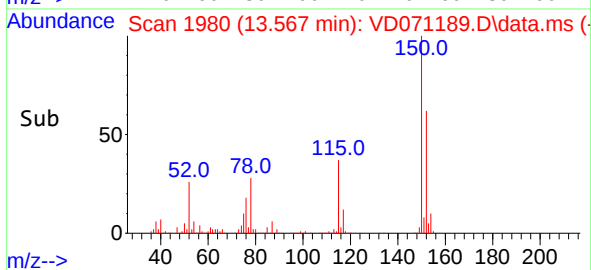
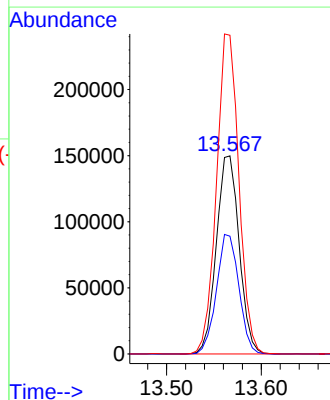
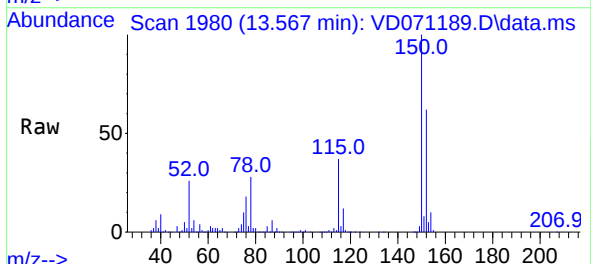
Instrument :
MSVOA_D
ClientSampleId :

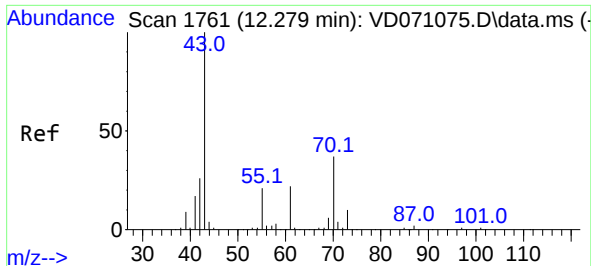
Tgt Ion:117 Resp: 528145
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

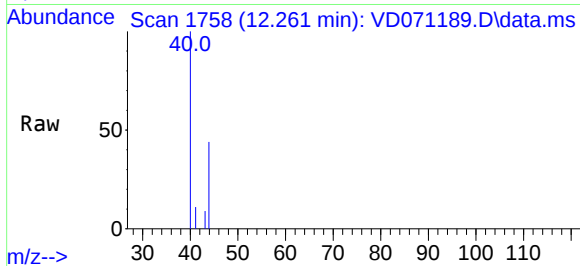
Tgt Ion:152 Resp: 251073
Ion Ratio Lower Upper
152 100
115 59.3 29.8 89.3
150 158.3 0.0 349.2



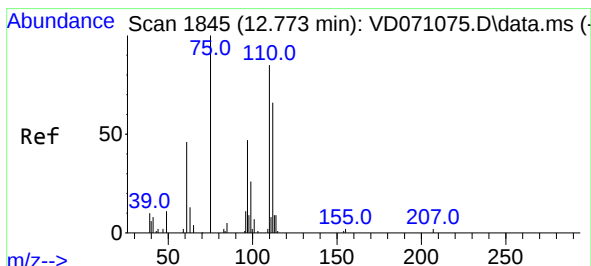
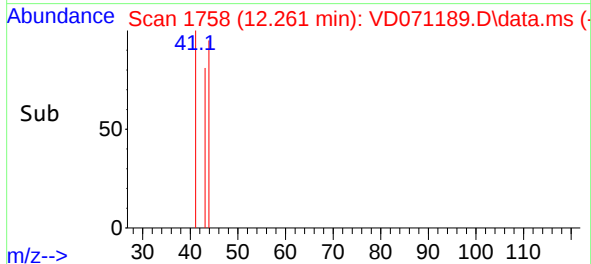
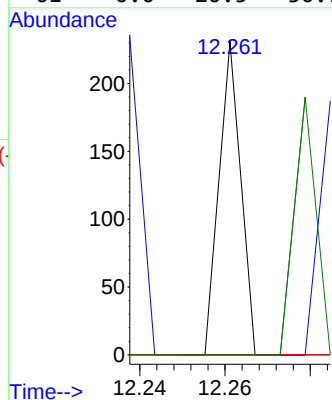


#74
N-amy1 acetate
Concen: 5.72 ug/l
RT: 12.261 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

Instrument :
MSVOA_D
ClientSampleId :

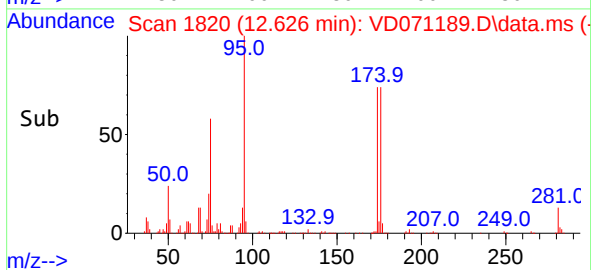
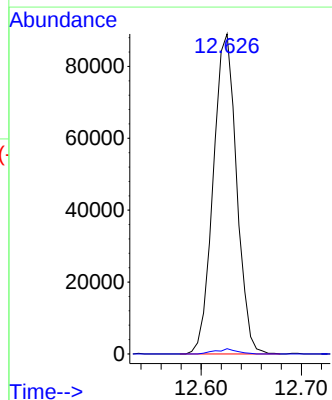
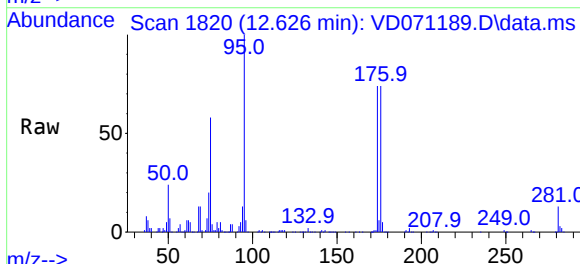


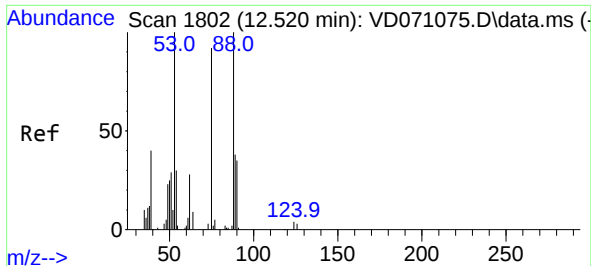
Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 60.27 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071189.D
Acq: 07 Dec 2021 17:55

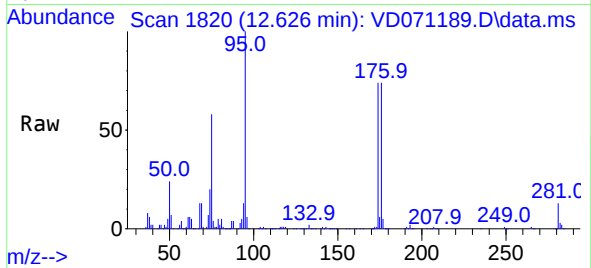
Tgt Ion: 75 Resp: 144182
Ion Ratio Lower Upper
75 100
77 1.5 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.47 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071189.D
 Acq: 07 Dec 2021 17:55

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 144182
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.0 34.5 51.7#

