

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073563.D
 Acq On : 14 Jun 2022 12:09
 Operator : VA/SY
 Sample : N3296-01RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-060922

Quant Time: Jun 14 15:43:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

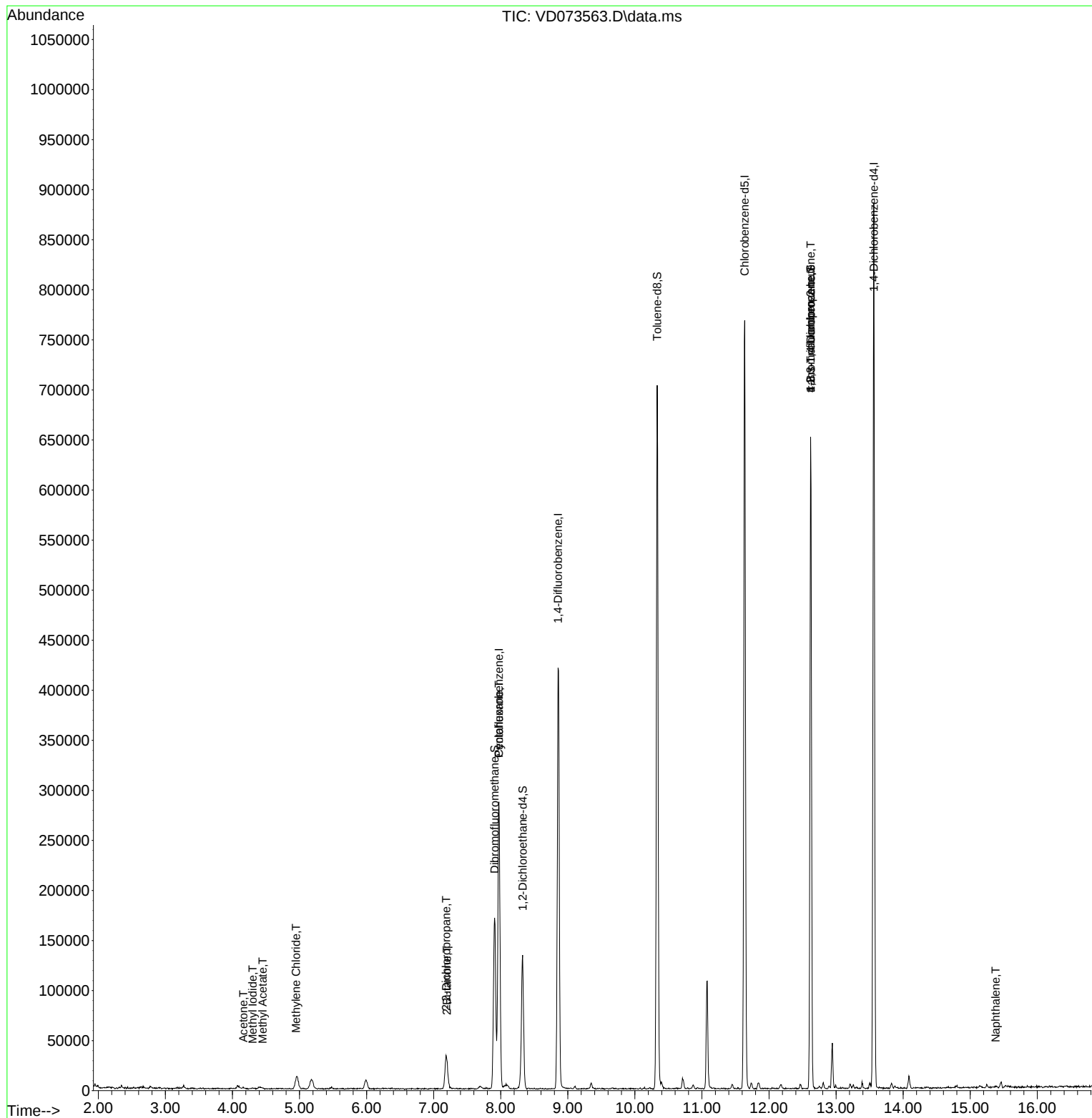
Internal Standards						
1) Pentafluorobenzene	7.973	168	204734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	367927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	457173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	105408	47.977	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.960%		
35) Dibromofluoromethane	7.908	113	125342	52.978	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.960%		
50) Toluene-d8	10.332	98	470811	52.633	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.260%		
62) 4-Bromofluorobenzene	12.620	95	211919	65.259	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	130.520%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	1327	4.654	ug/l #	69
11) Tert butyl alcohol	5.173	59	4828	Below Cal	#	74
16) Acetone	4.162	43	2444	6.318	ug/l	93
18) Methyl Acetate	4.450	43	265	1.606	ug/l #	55
20) Methylene Chloride	4.950	84	10594	1.180	ug/l #	80
25) 2-Butanone	7.197	43	1765	3.101	ug/l #	52
26) 2,2-Dichloropropane	7.185	77	3748	1.016	ug/l #	54
31) Cyclohexane	7.973	56	6861	1.854	ug/l #	40
76) 1,2,3-Trichloropropane	12.620	75	104843	47.216	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	104843	110.825	ug/l #	7
95) Naphthalene	15.379	128	1475	4.367	ug/l #	70

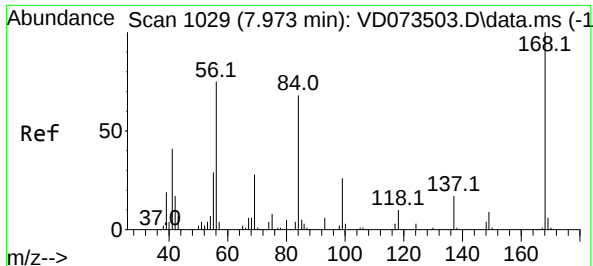
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OK-03-060922

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

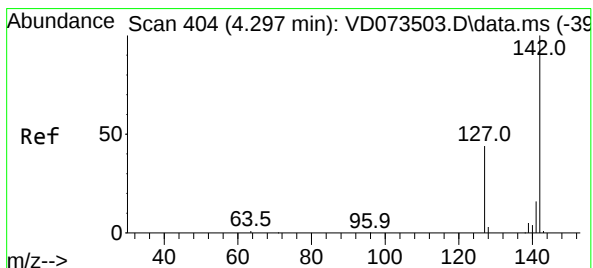
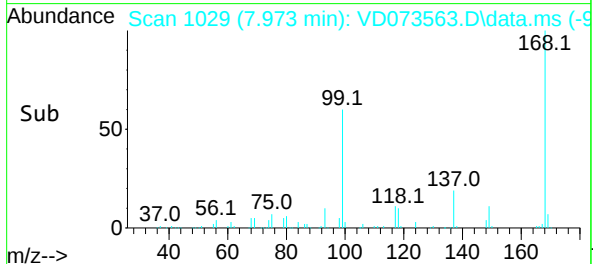
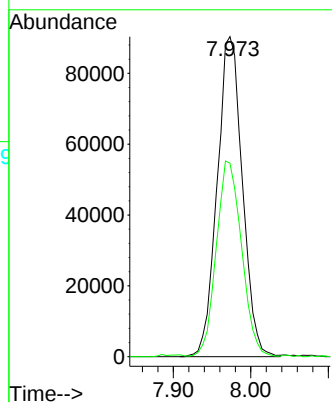
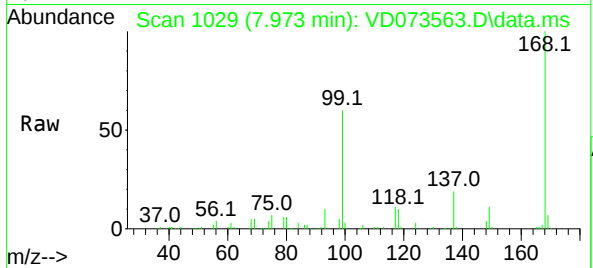




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

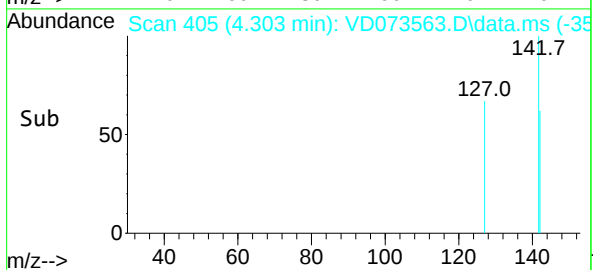
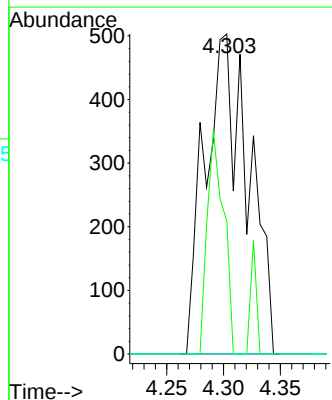
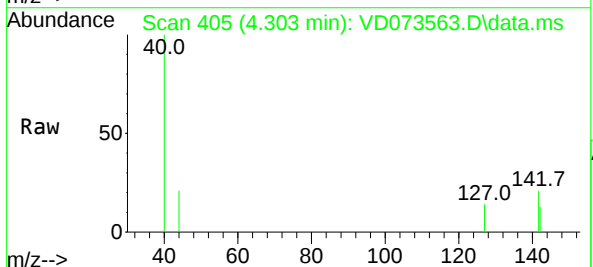
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

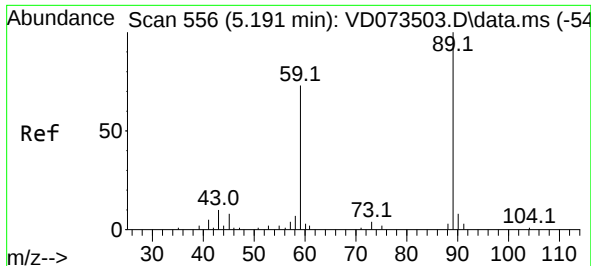
Tgt Ion:168 Resp: 204734
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#10
Methyl Iodide
Concen: 4.654 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Tgt Ion:142 Resp: 1327
Ion Ratio Lower Upper
142 100
127 26.8 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.173 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD073563.D

Acq: 14 Jun 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

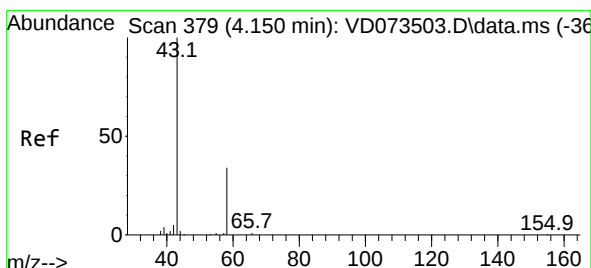
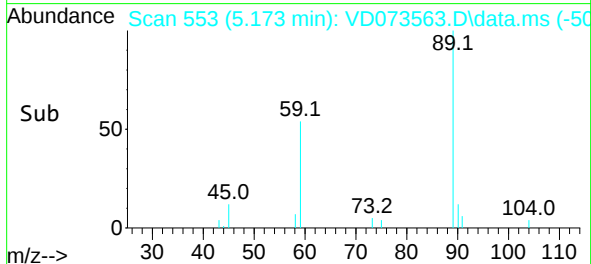
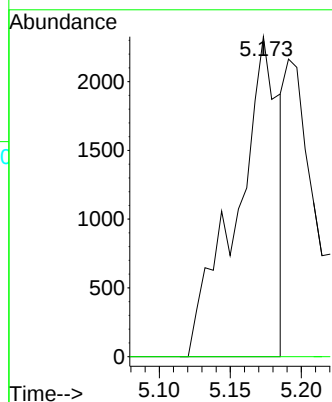
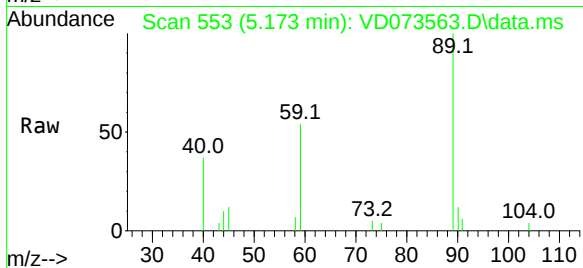
OK-03-060922

Tgt Ion: 59 Resp: 4828

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 6.318 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.012 min

Lab File: VD073563.D

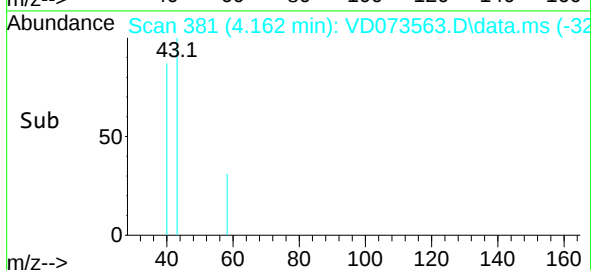
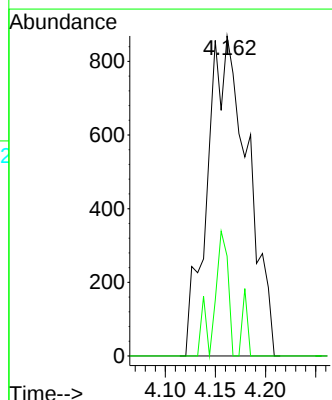
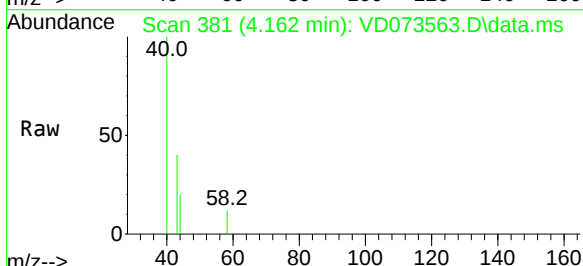
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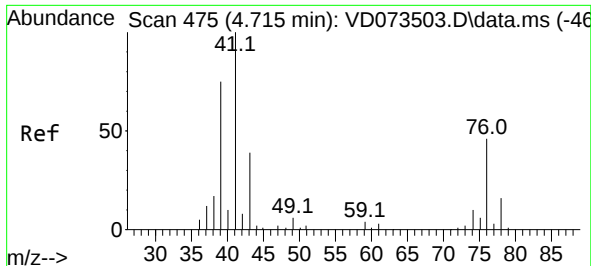
Tgt Ion: 43 Resp: 2444

Ion Ratio Lower Upper

43 100

58 31.2 22.1 33.1

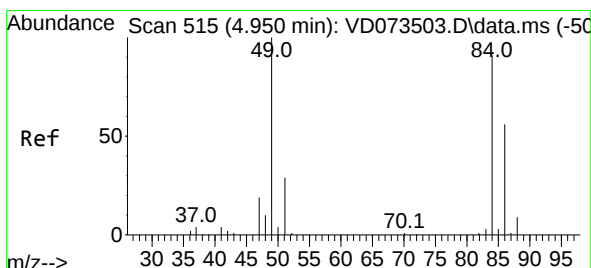
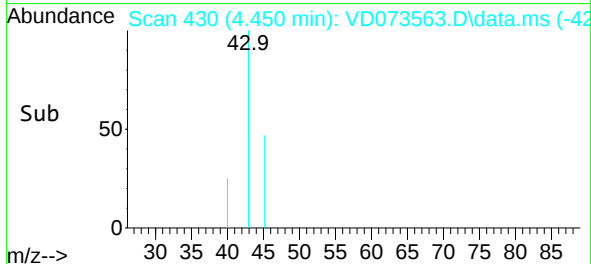
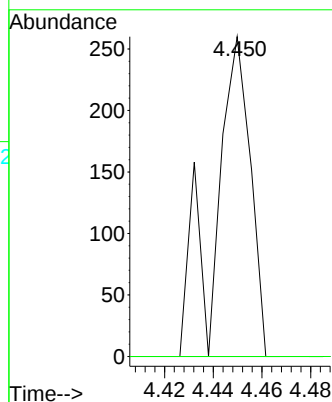
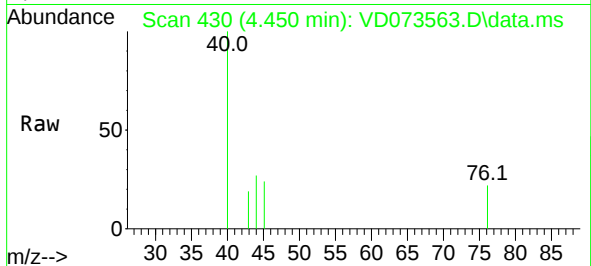




#18
Methyl Acetate
Concen: 1.606 ug/l
RT: 4.450 min Scan# 41
Delta R.T. -0.265 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

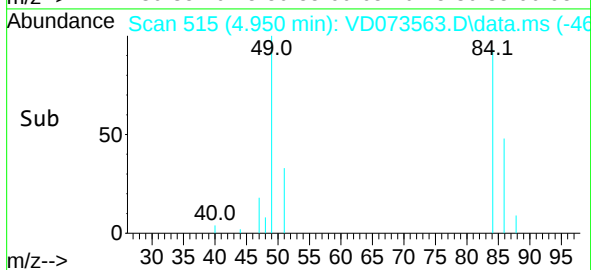
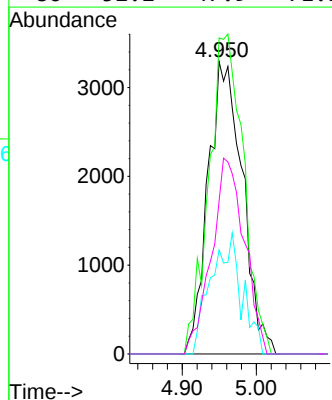
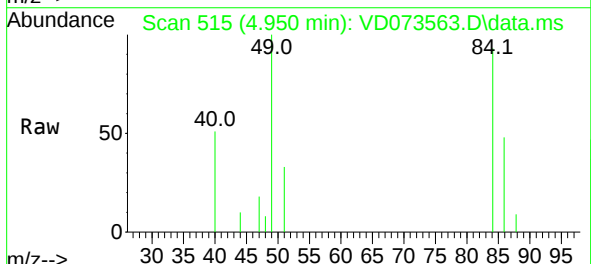
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

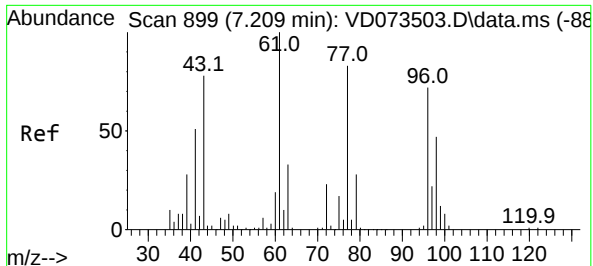
Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 1.180 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Tgt Ion: 84 Resp: 10594
Ion Ratio Lower Upper
84 100
49 108.0 112.8 169.2#
51 35.5 32.6 48.8
86 52.2 47.9 71.9

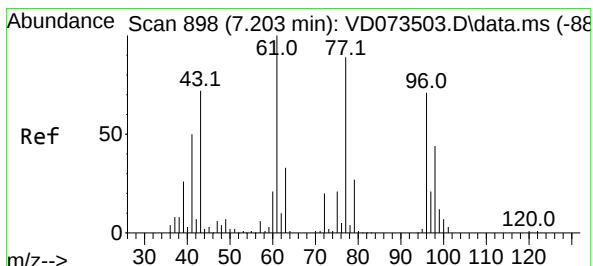
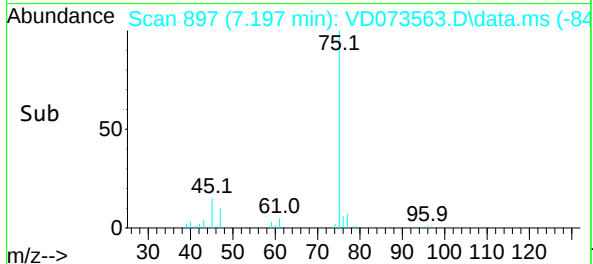
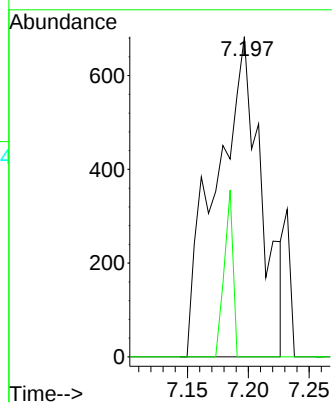
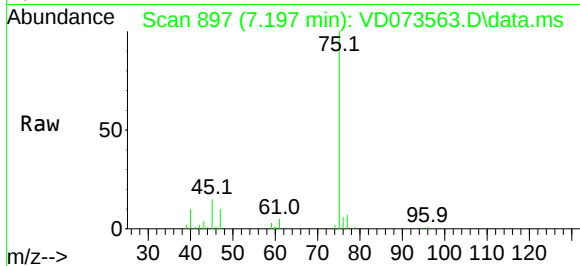




#25
2-Butanone
Concen: 3.101 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

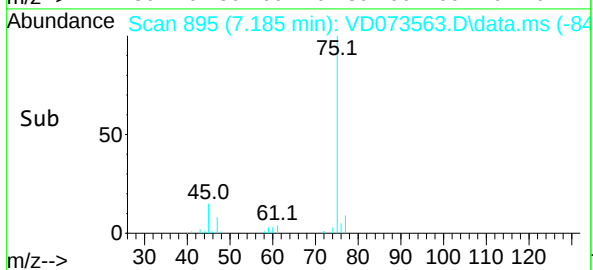
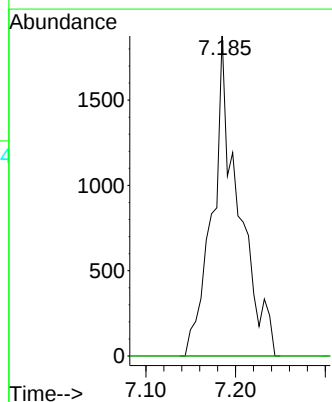
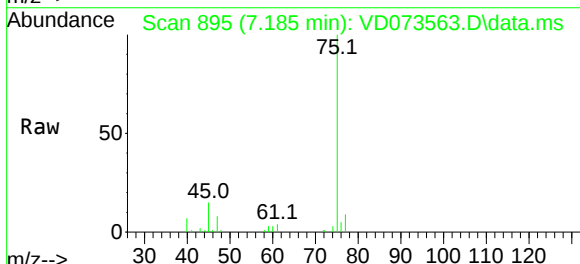
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

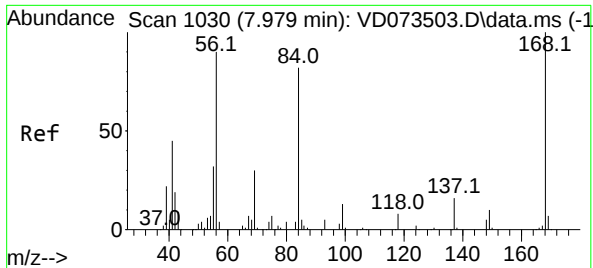
Tgt Ion: 43 Resp: 1765
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 1.016 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.018 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

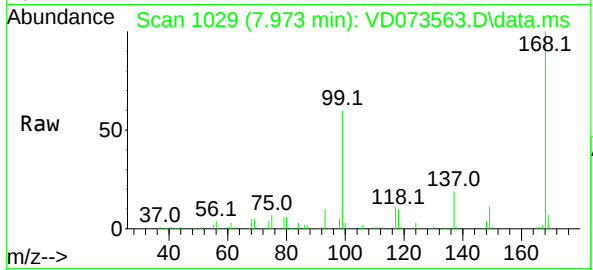
Tgt Ion: 77 Resp: 3748
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



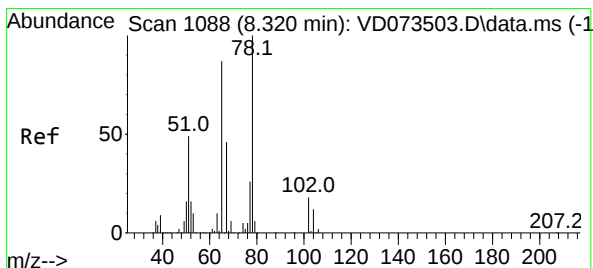
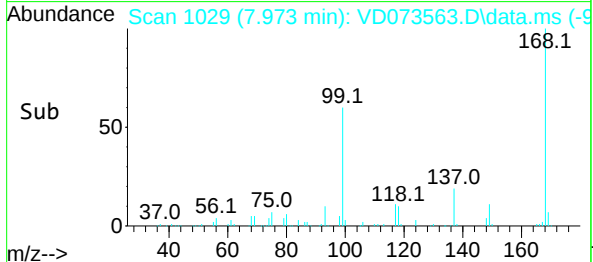
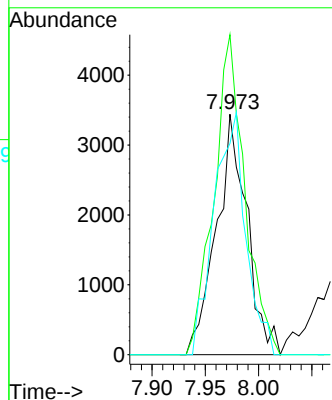


#31
Cyclohexane
Concen: 1.854 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

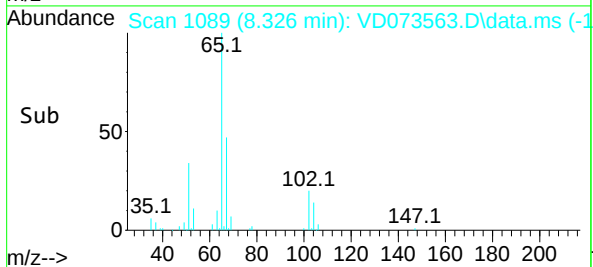
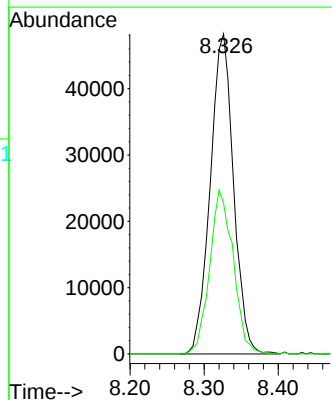
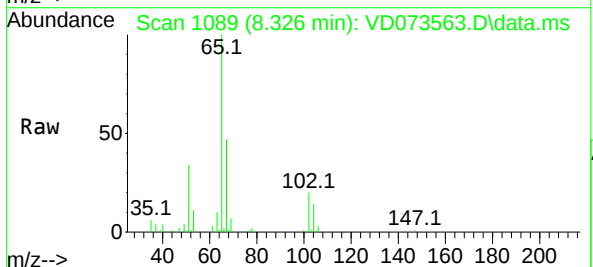


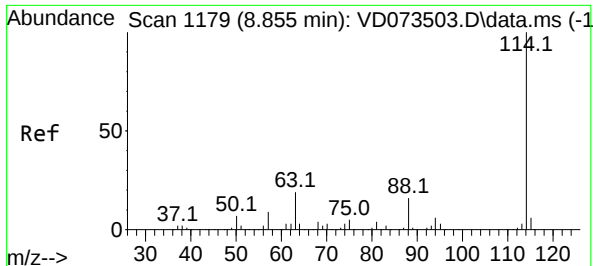
Tgt Ion: 56 Resp: 6861
Ion Ratio Lower Upper
56 100
69 133.1 25.4 38.2#
84 87.8 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 47.977 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Tgt Ion: 65 Resp: 105408
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4

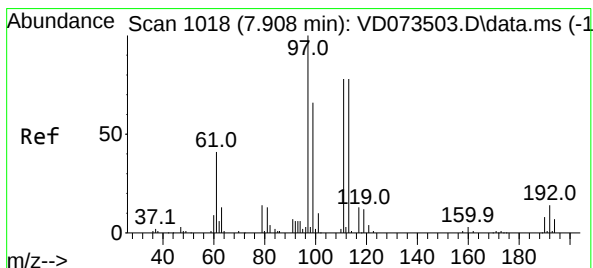
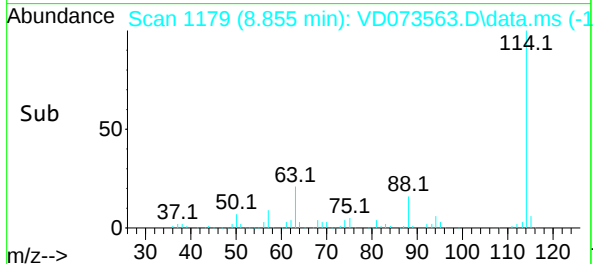
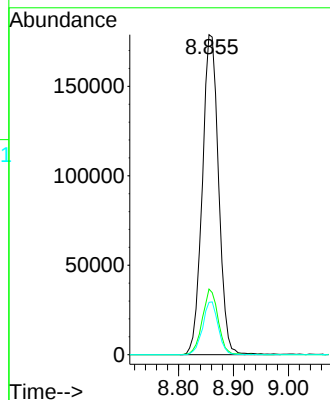
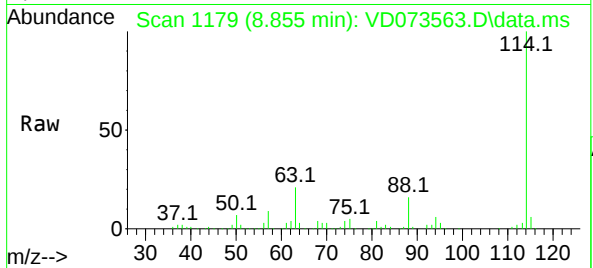




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

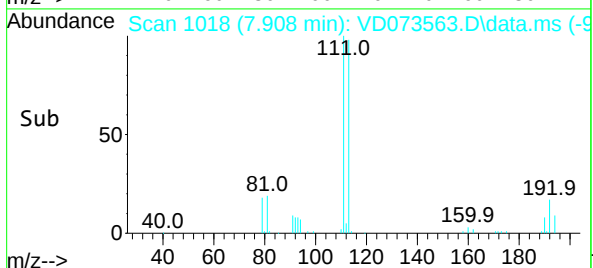
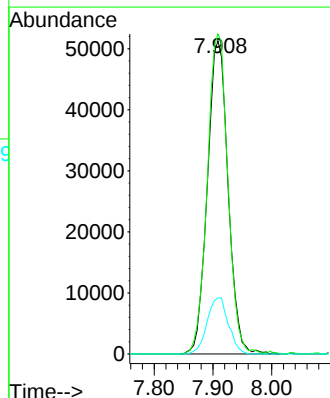
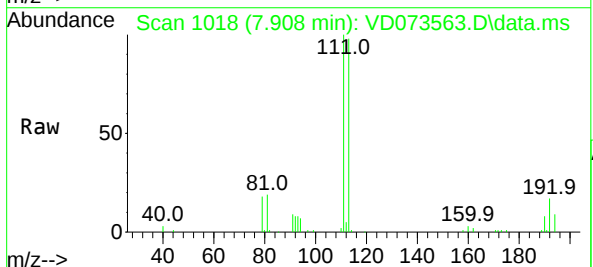
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OK-03-060922

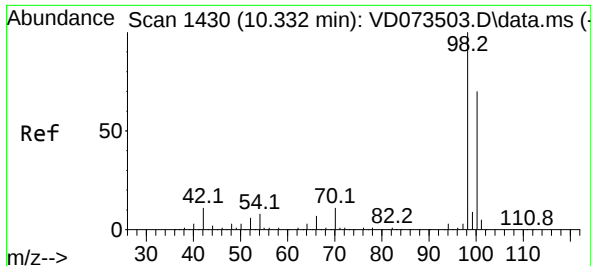
Tgt Ion:114 Resp: 367927
Ion Ratio Lower Upper
114 100
63 20.5 0.0 46.6
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 52.978 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Tgt Ion:113 Resp: 125342
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 18.4 14.6 21.8

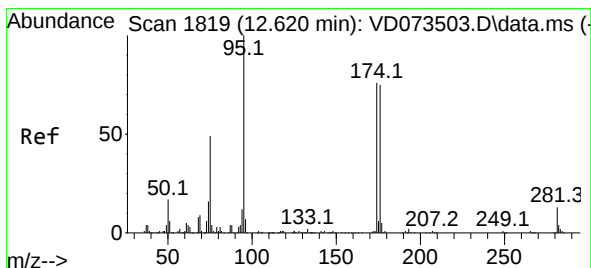
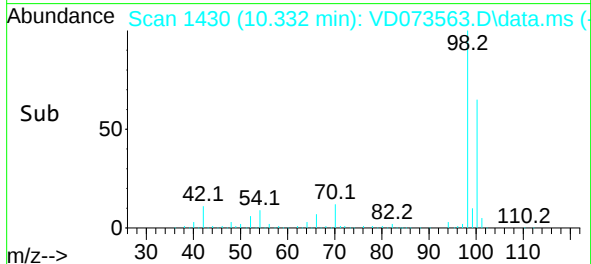
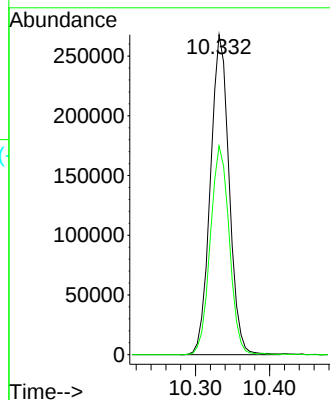
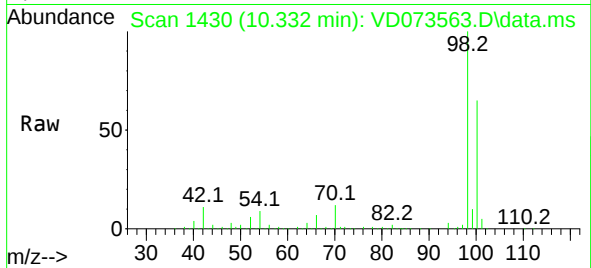




#50
Toluene-d8
Concen: 52.633 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

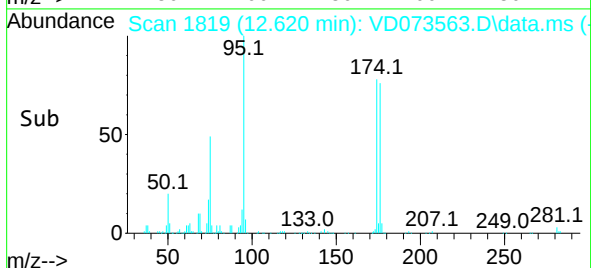
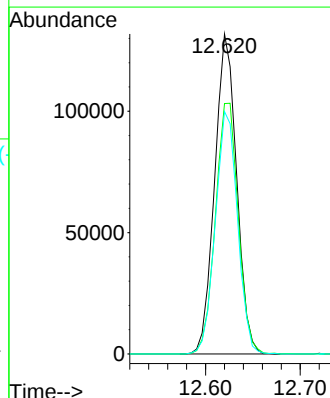
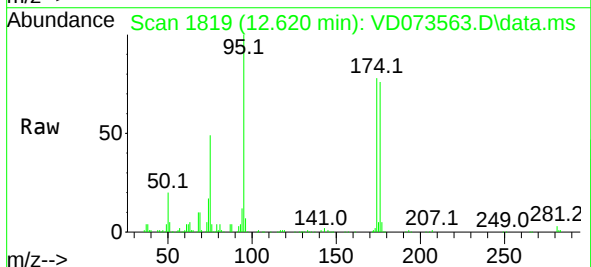
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

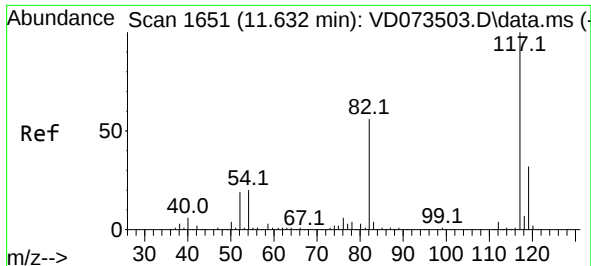
Tgt Ion: 98 Resp: 470811
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 65.259 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Tgt Ion: 95 Resp: 211919
Ion Ratio Lower Upper
95 100
174 82.0 0.0 152.8
176 76.5 0.0 145.4

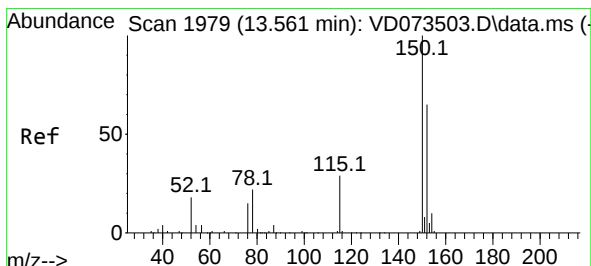
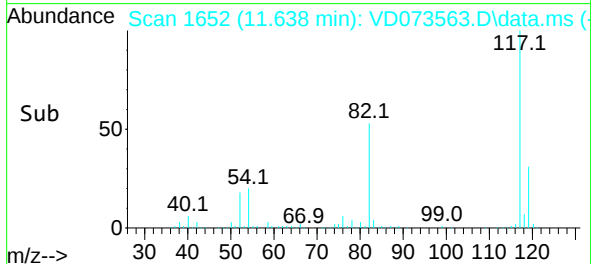
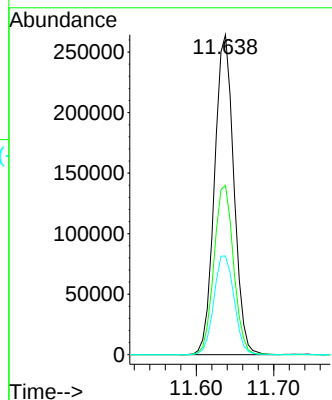
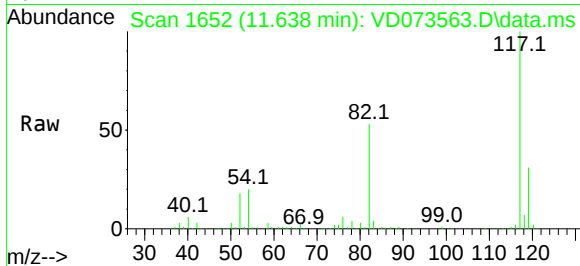




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

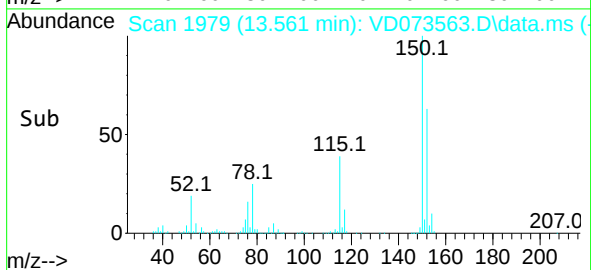
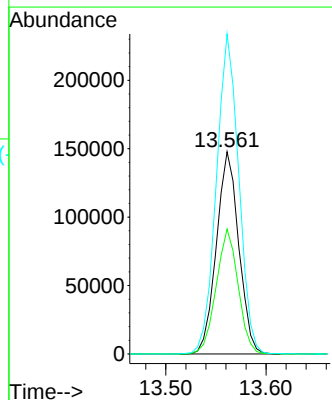
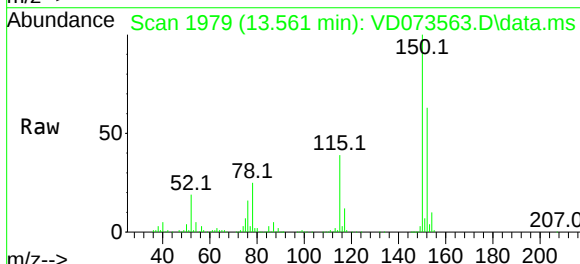
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

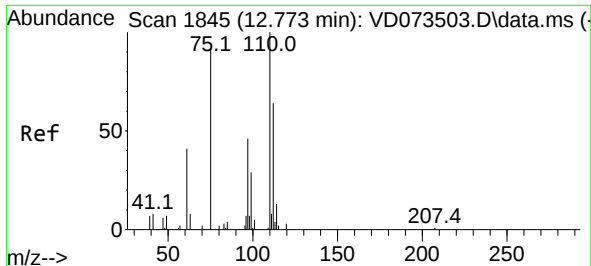
Tgt Ion:117 Resp: 457173
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 30.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Tgt Ion:152 Resp: 228571
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 158.5 0.0 348.6

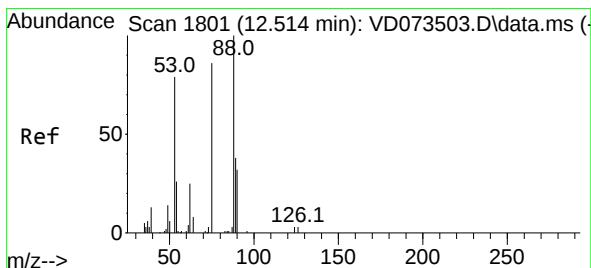
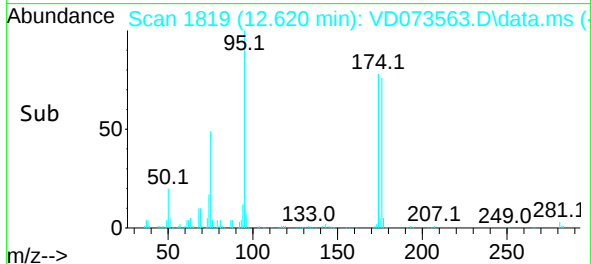
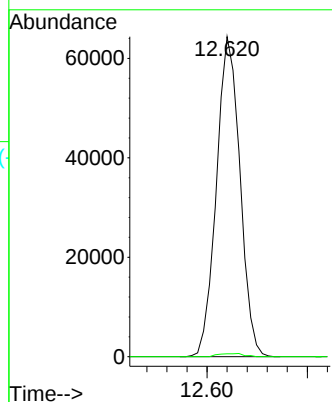
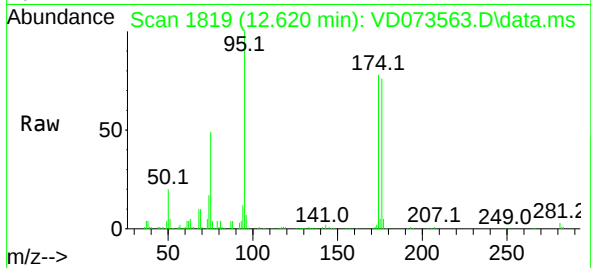




#76
1,2,3-Trichloropropane
Concen: 47.216 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

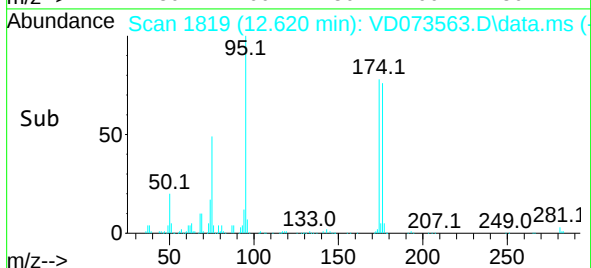
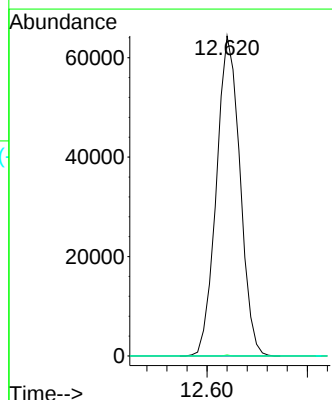
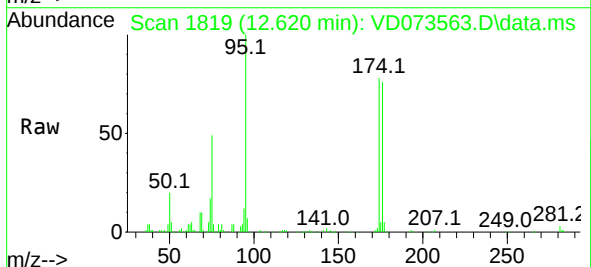
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

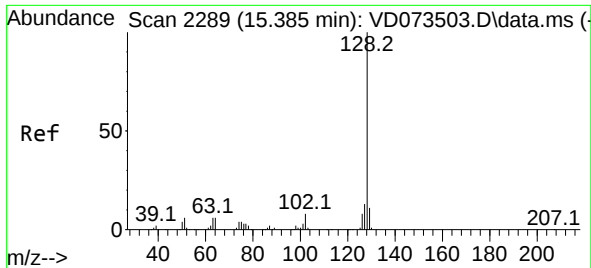
Tgt Ion: 75 Resp: 104843
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.825 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

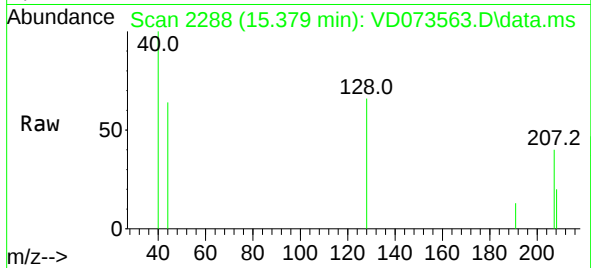
Tgt Ion: 75 Resp: 104843
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 4.367 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922



Tgt Ion:128 Resp: 1475
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

