

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074366.D
 Acq On : 20 Sep 2022 15:18
 Operator : VA/SY
 Sample : N4641-13
 Misc : 6.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22021-18

Quant Time: Sep 21 02:24:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

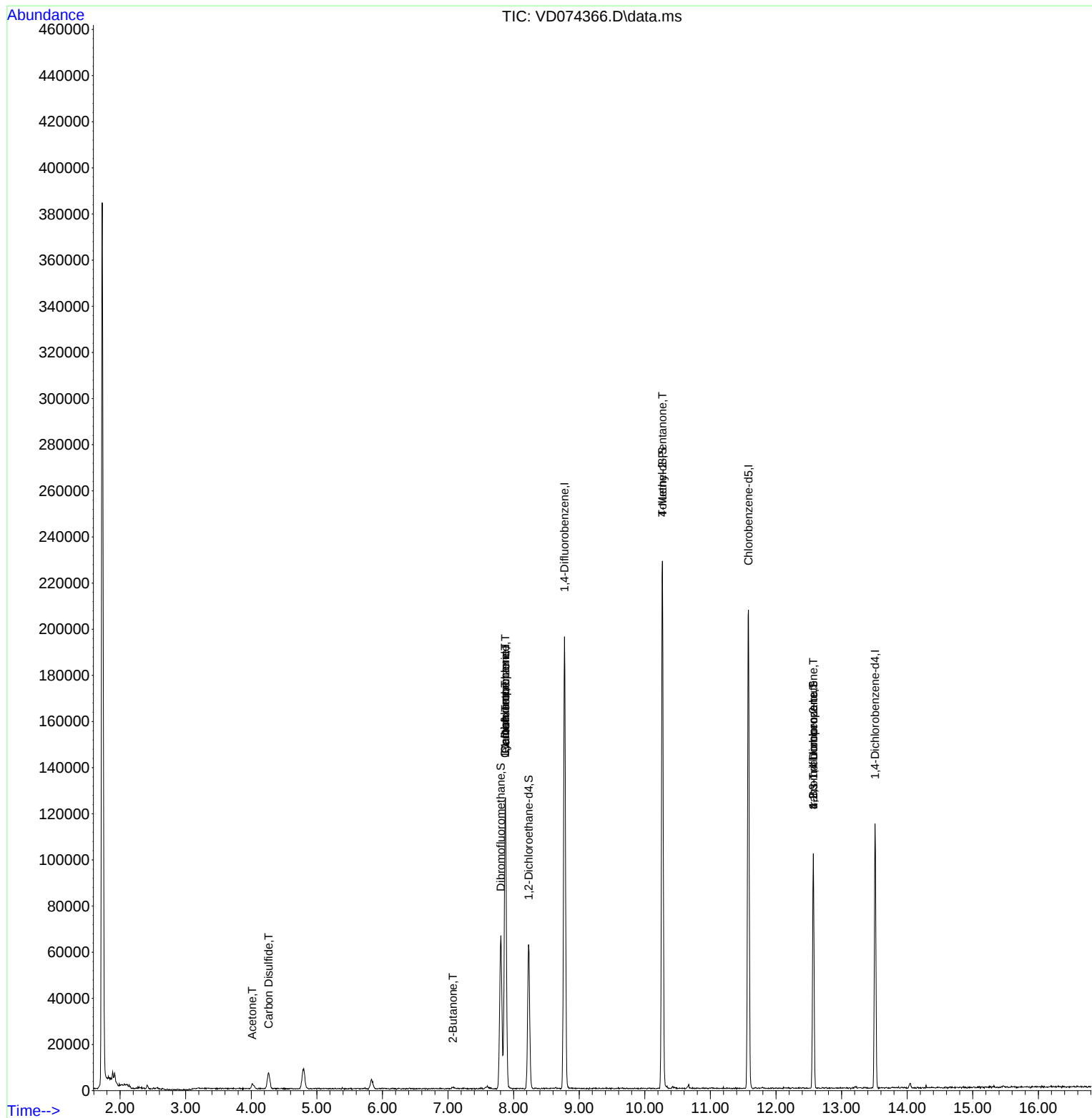
Internal Standards						
1) Pentafluorobenzene	7.875	168	96861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	173379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	30611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48759	51.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.360%	
35) Dibromofluoromethane	7.805	113	48067	42.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 84.180%	
50) Toluene-d8	10.269	98	159551	40.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 80.980%	
62) 4-Bromofluorobenzene	12.569	95	29211	18.246	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 36.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	3859	18.156	ug/l #	79
17) Carbon Disulfide	4.264	76	14879	4.399	ug/l	95
20) Methylene Chloride	4.787	84	6996	Below Cal		96
25) 2-Butanone	7.075	43	531	1.677	ug/l #	48
31) Cyclohexane	7.869	56	2168	1.096	ug/l #	13
36) 1,1-Dichloropropene	7.869	75	8397	4.817	ug/l #	47
38) Carbon Tetrachloride	7.875	117	10229	6.622	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	729	1.077	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	15784	55.730	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	15784	139.675	ug/l #	100

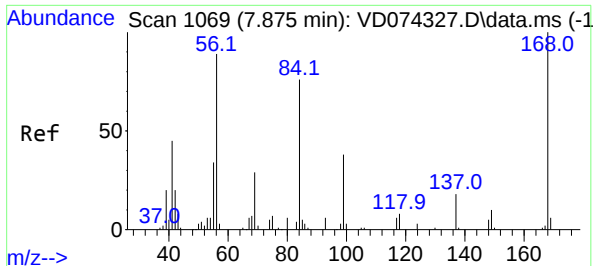
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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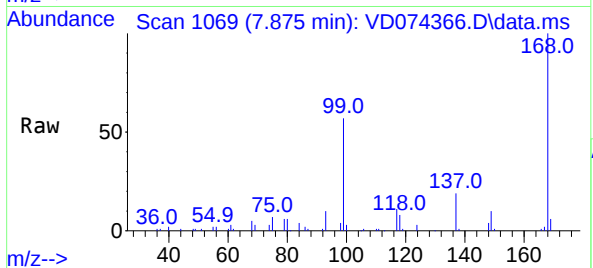
Quant Time: Sep 21 02:24:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
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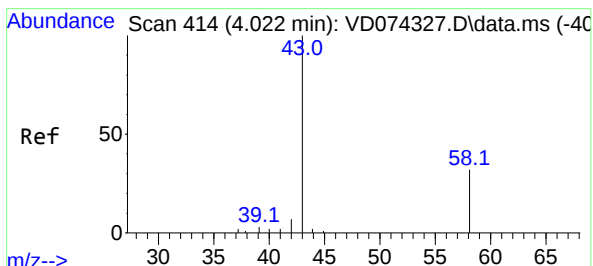
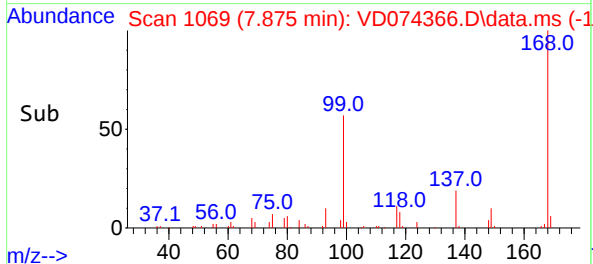
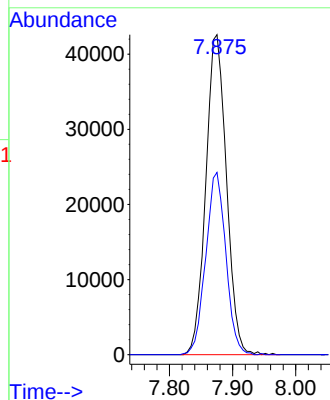


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
D22021-18

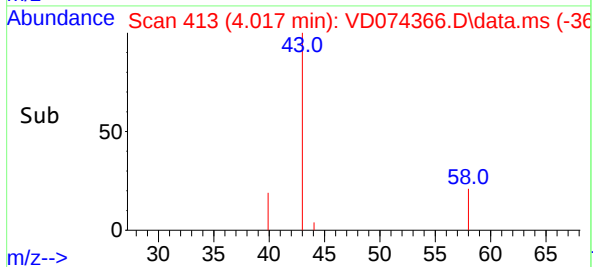
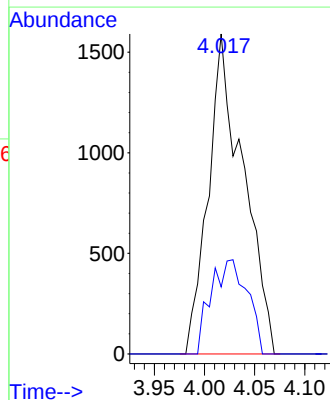
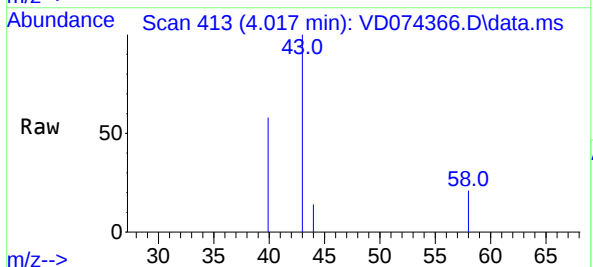


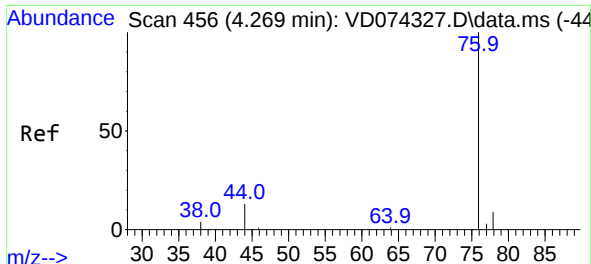
Tgt Ion:168 Resp: 96861
Ion Ratio Lower Upper
168 100
99 57.0 43.0 64.6



#16
Acetone
Concen: 18.156 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Tgt Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
58 20.9 26.4 39.6#

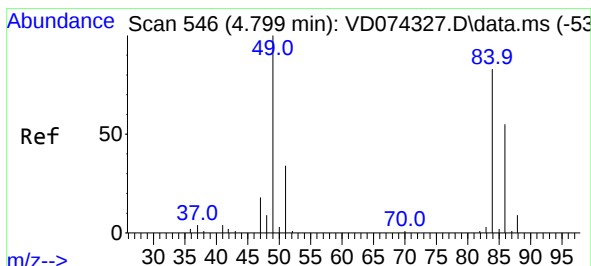
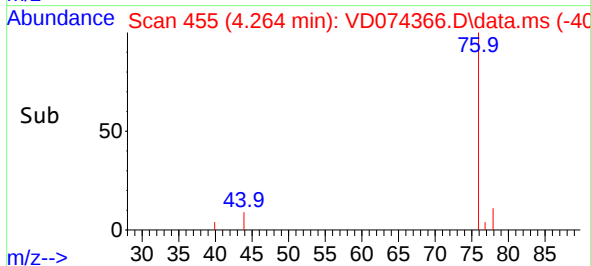
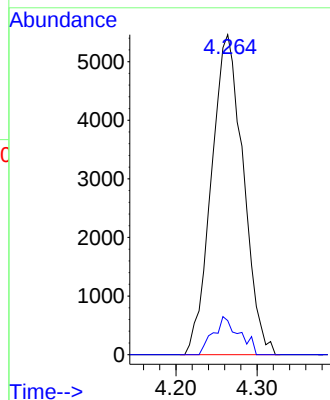
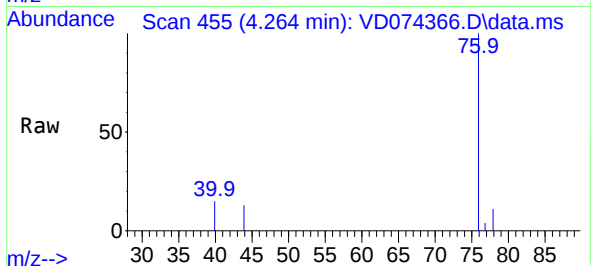




#17
Carbon Disulfide
Concen: 4.399 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

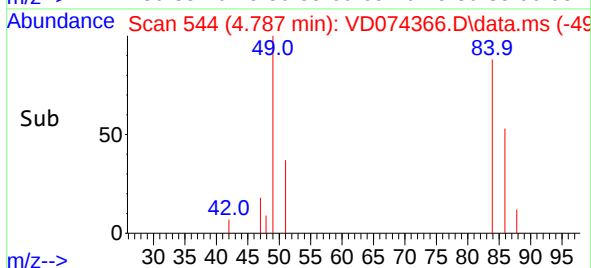
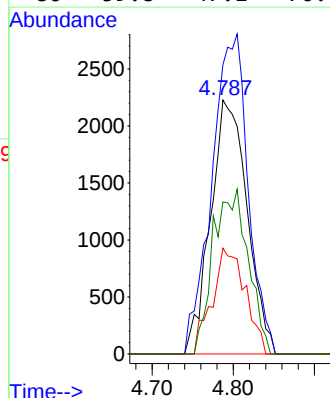
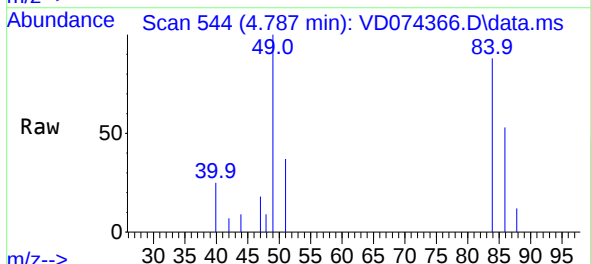
Instrument :
MSVOA_D
ClientSampleId :
D22021-18

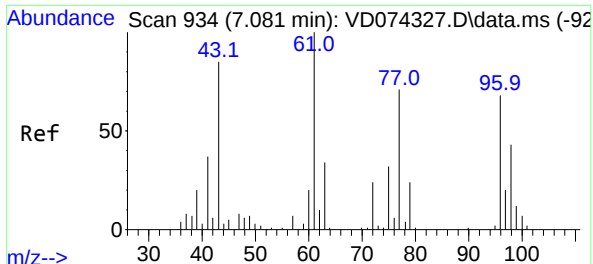
Tgt Ion: 76 Resp: 14879
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Tgt Ion: 84 Resp: 6996
Ion Ratio Lower Upper
84 100
49 113.8 88.4 132.6
51 41.7 28.0 42.0
86 59.8 47.1 70.7





#25

2-Butanone

Concen: 1.677 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074366.D

Acq: 20 Sep 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

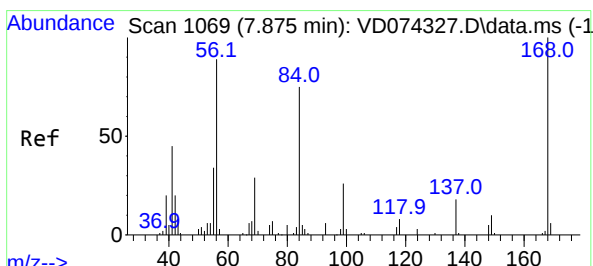
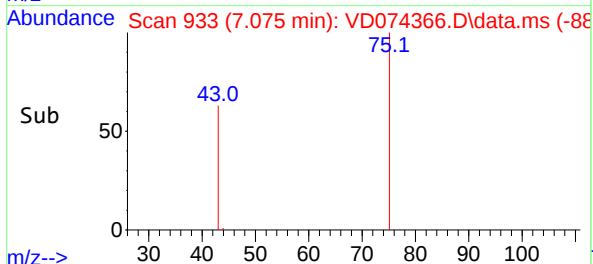
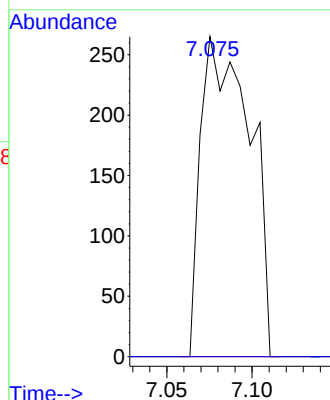
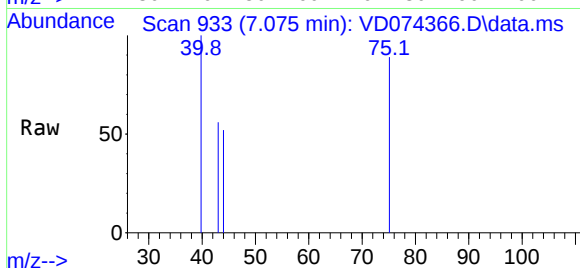
D22021-18

Tgt Ion: 43 Resp: 531

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#



#31

Cyclohexane

Concen: 1.096 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD074366.D

Acq: 20 Sep 2022 15:18

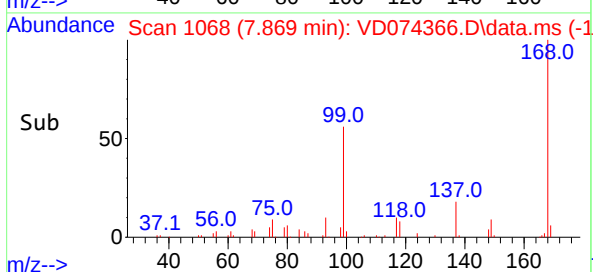
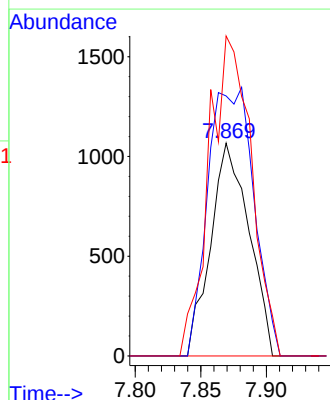
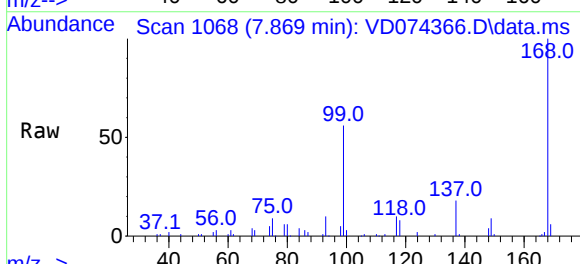
Tgt Ion: 56 Resp: 2168

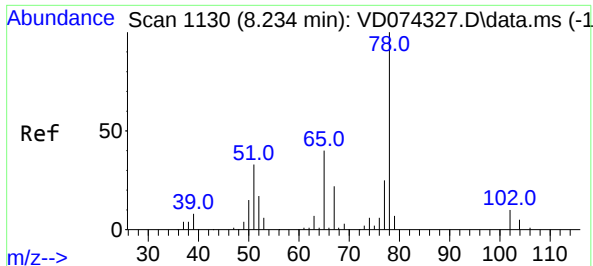
Ion Ratio Lower Upper

56 100

69 122.1 25.7 38.5#

84 150.3 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 51.682 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074366.D

Acq: 20 Sep 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

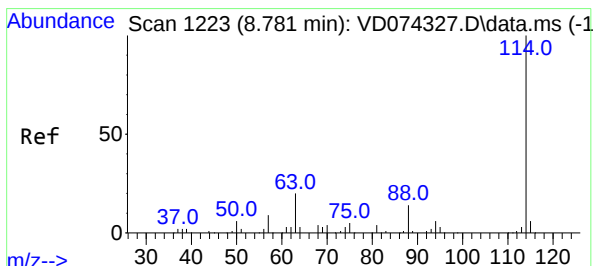
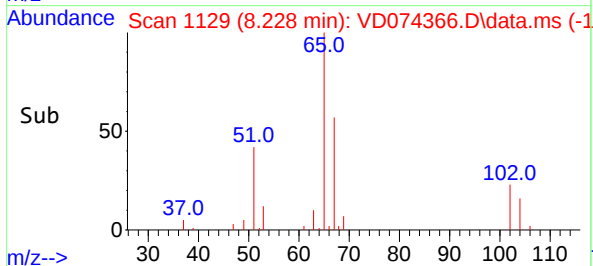
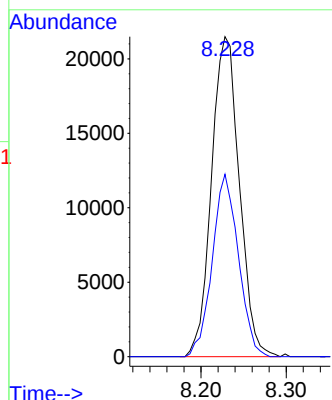
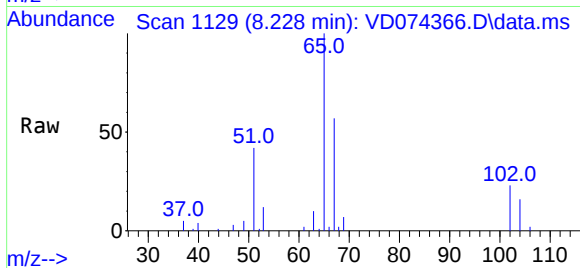
D22021-18

Tgt Ion: 65 Resp: 48759

Ion Ratio Lower Upper

65 100

67 53.5 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074366.D

Acq: 20 Sep 2022 15:18

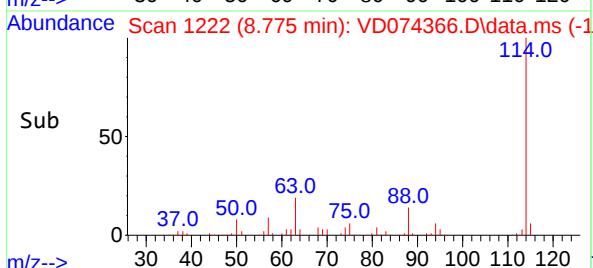
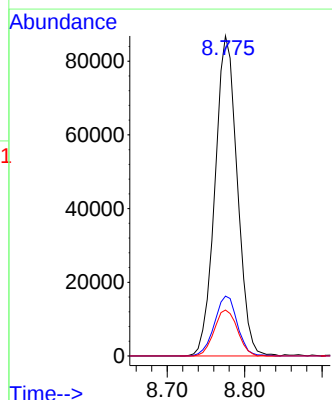
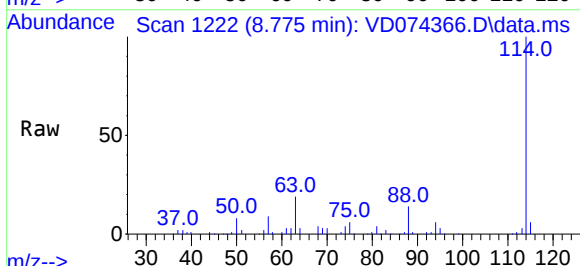
Tgt Ion: 114 Resp: 173379

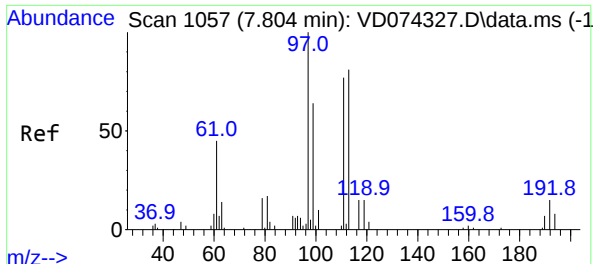
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

88 14.3 0.0 28.4





#35

Dibromofluoromethane

Concen: 42.094 ug/l

RT: 7.805 min Scan# 1067

Delta R.T. 0.001 min

Lab File: VD074366.D

Acq: 20 Sep 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

D22021-18

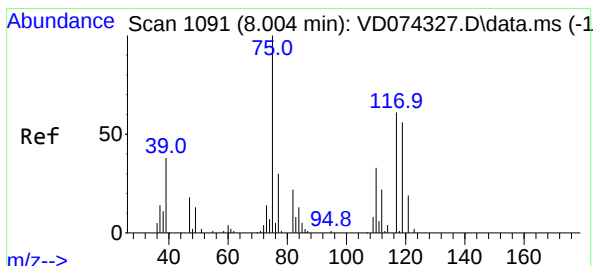
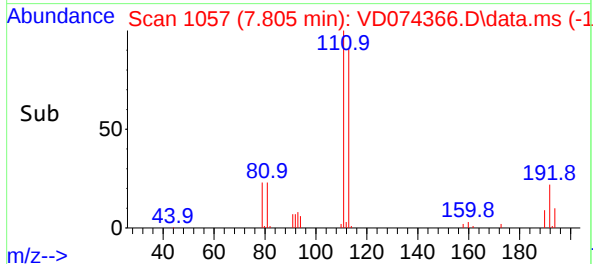
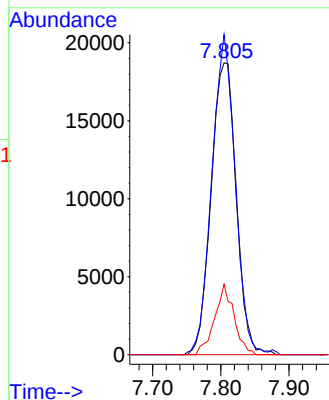
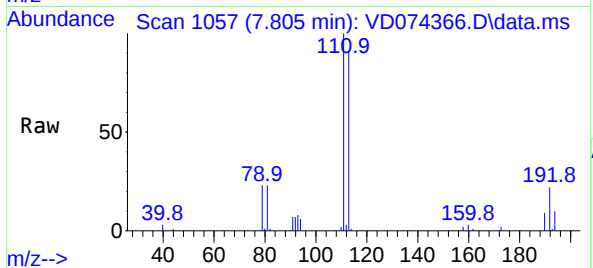
Tgt Ion:113 Resp: 48067

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

192 18.6 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.817 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD074366.D

Acq: 20 Sep 2022 15:18

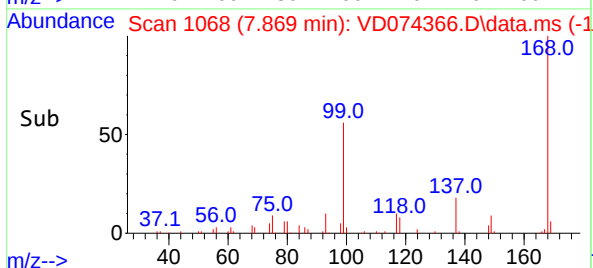
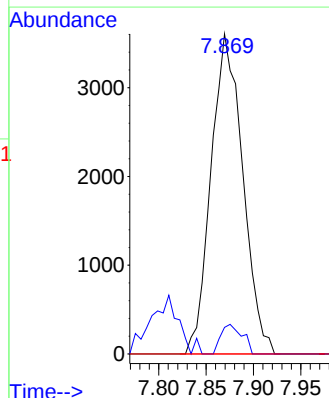
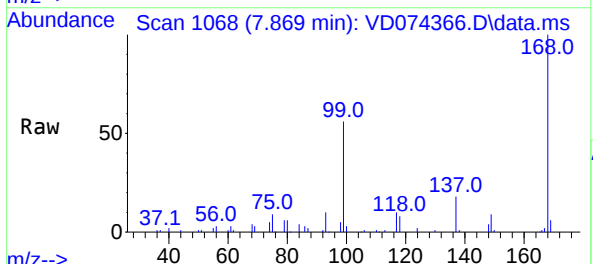
Tgt Ion: 75 Resp: 8397

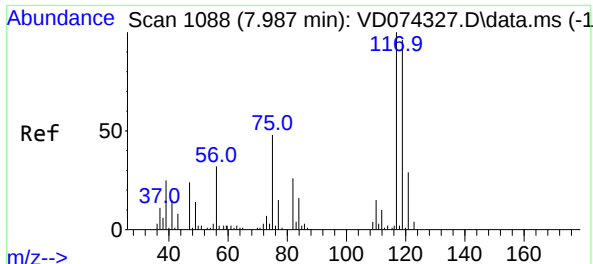
Ion Ratio Lower Upper

75 100

110 6.3 17.5 52.5#

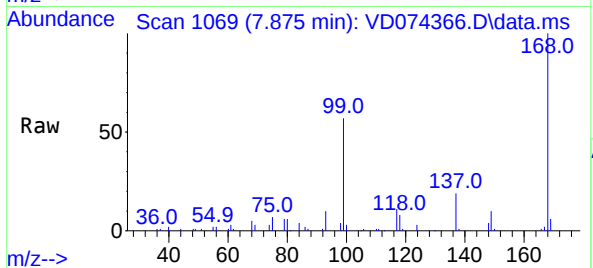
77 0.0 24.8 37.2#



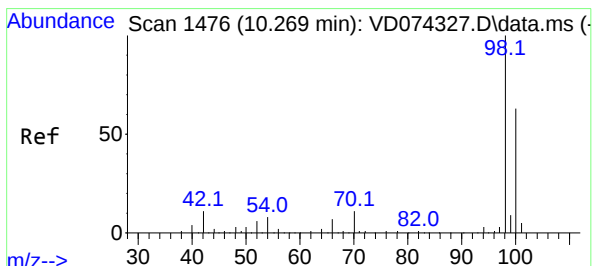
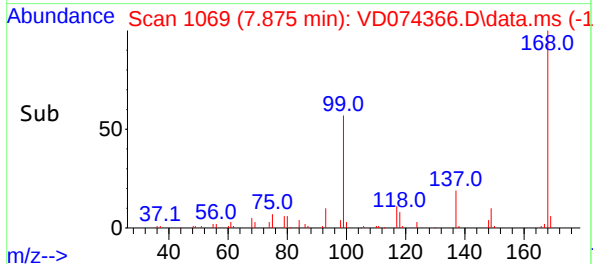
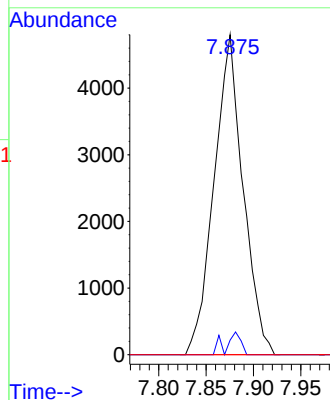


#38
Carbon Tetrachloride
Concen: 6.622 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
D22021-18

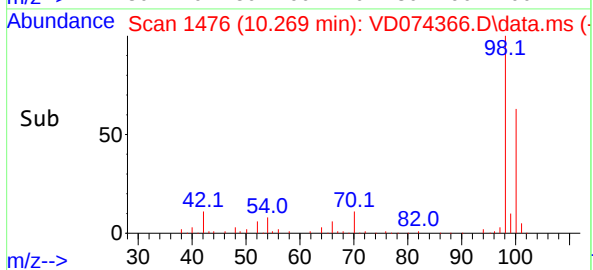
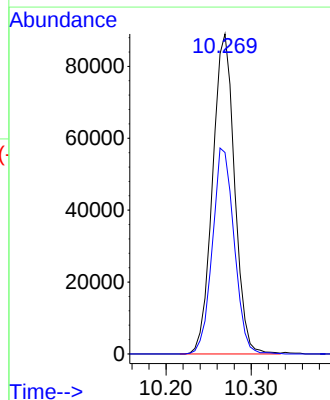
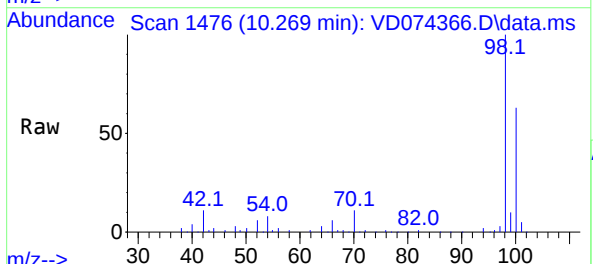


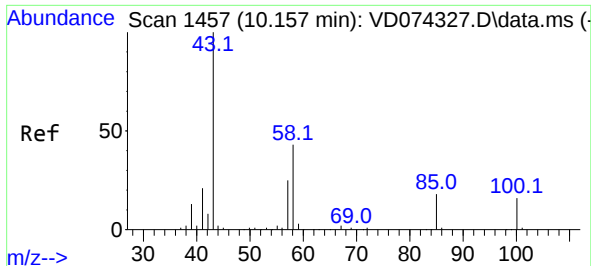
Tgt Ion:117 Resp: 10229
Ion Ratio Lower Upper
117 100
119 4.6 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 40.495 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Tgt Ion: 98 Resp: 159551
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8

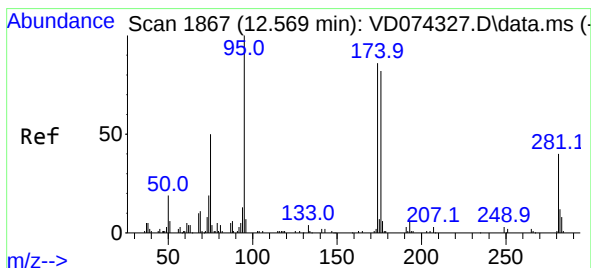
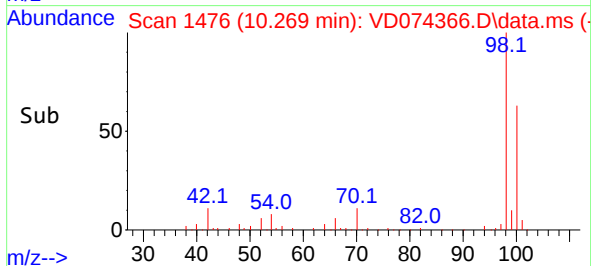
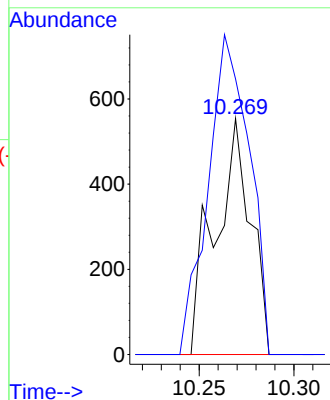
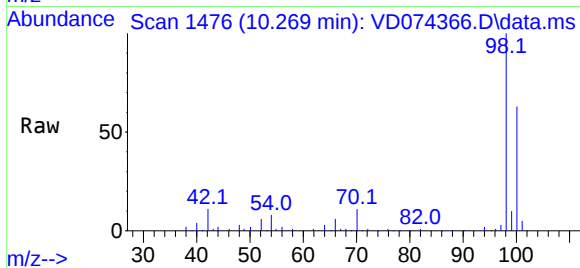




#51
4-Methyl-2-Pentanone
Concen: 1.077 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

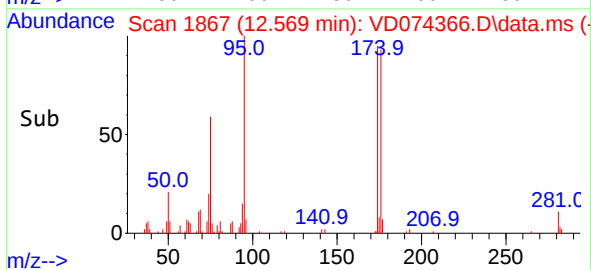
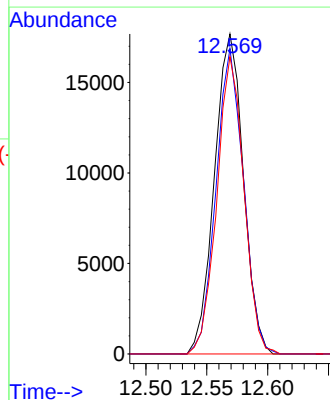
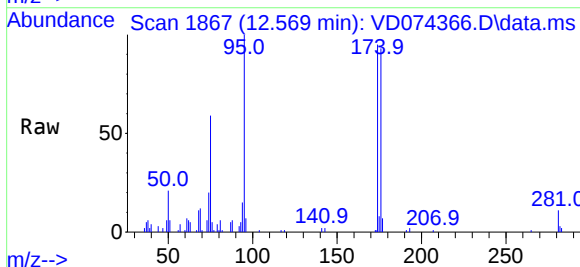
Instrument :
MSVOA_D
ClientSampleId :
D22021-18

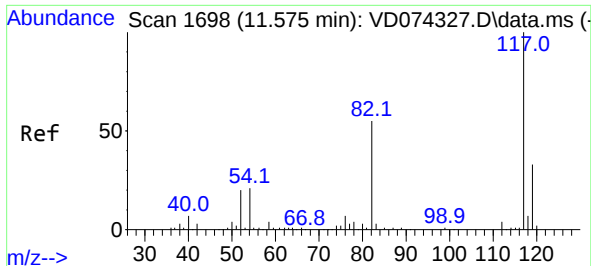
Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 156.5 33.3 49.9#



#62
4-Bromofluorobenzene
Concen: 18.246 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Tgt Ion: 95 Resp: 29211
Ion Ratio Lower Upper
95 100
174 90.5 0.0 179.2
176 86.8 0.0 171.4

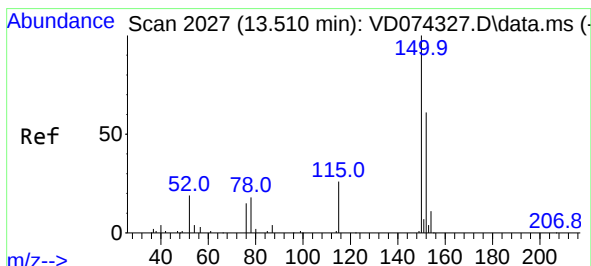
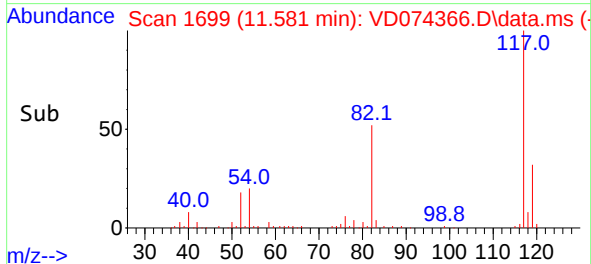
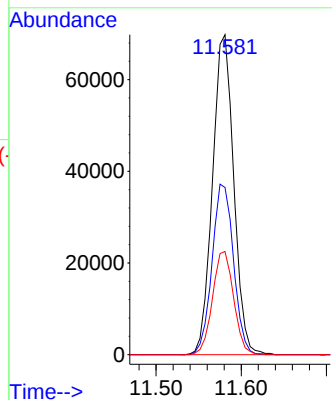
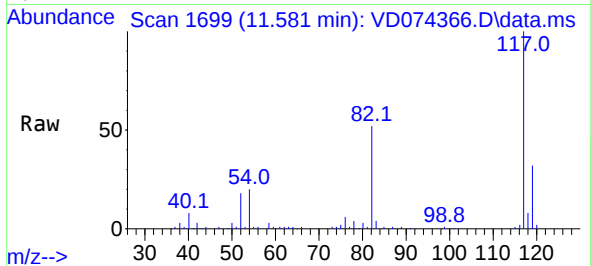




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

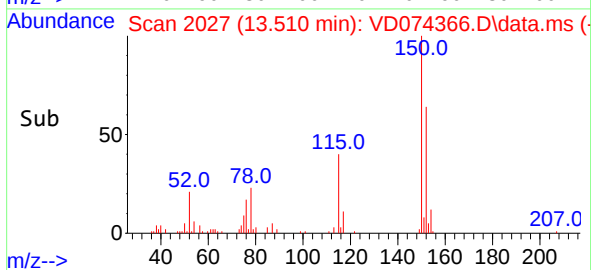
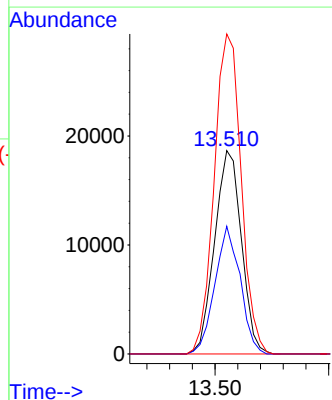
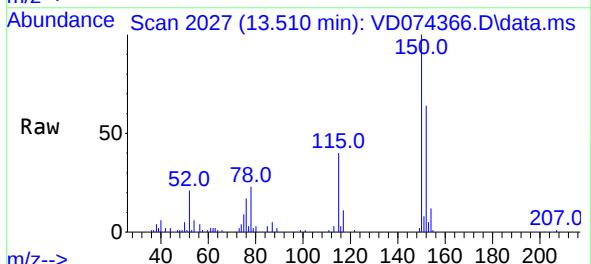
Instrument :
MSVOA_D
ClientSampleId :
D22021-18

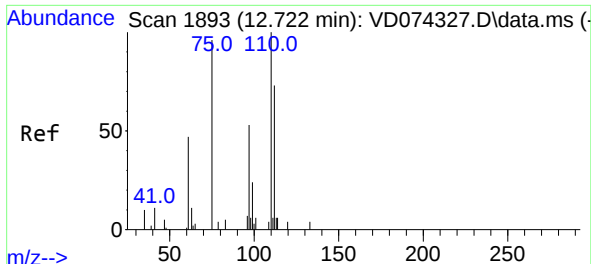
Tgt Ion:117 Resp: 120814
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Tgt Ion:152 Resp: 30611
Ion Ratio Lower Upper
152 100
115 59.2 28.4 85.2
150 158.1 0.0 351.0

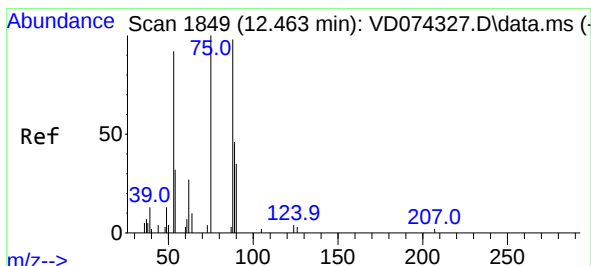
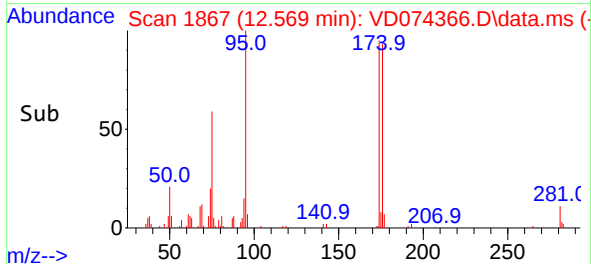
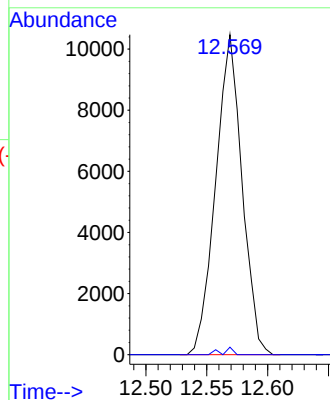
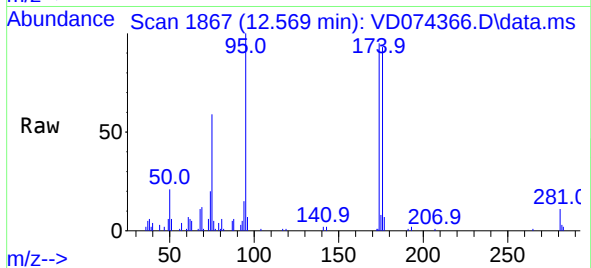




#76
1,2,3-Trichloropropane
Concen: 55.730 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
D22021-18

Tgt Ion: 75 Resp: 15784
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.675 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074366.D
Acq: 20 Sep 2022 15:18

Tgt Ion: 75 Resp: 15784
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

