

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074392.D
 Acq On : 21 Sep 2022 16:39
 Operator : VA/SY
 Sample : N4668-10RE
 Misc : 5.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 05:13:04 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)

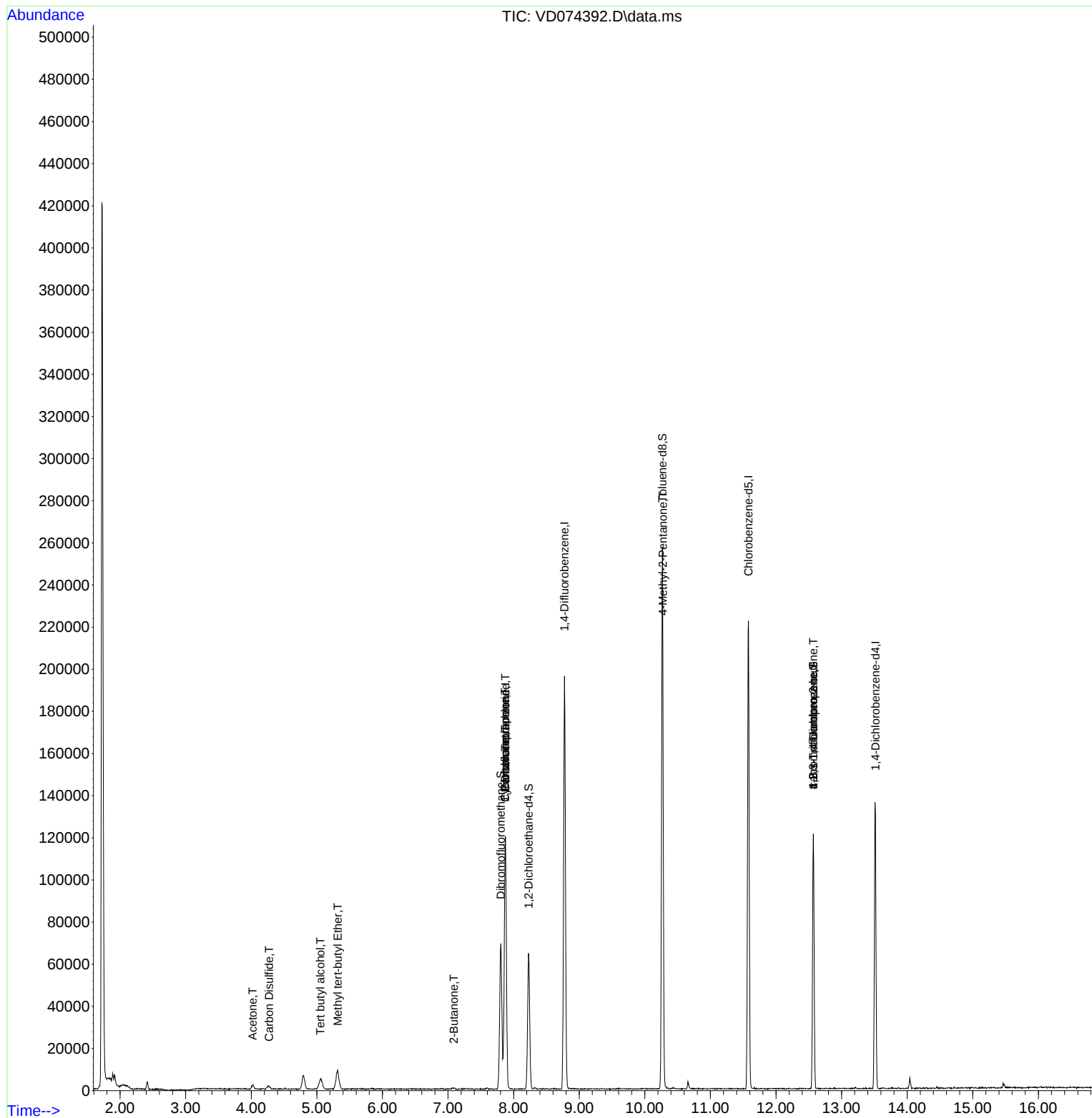
Internal Standards						
1) Pentafluorobenzene	7.875	168	93346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	171094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	129072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	38241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48552	53.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.800%	
35) Dibromofluoromethane	7.805	113	49058	43.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.080%	
50) Toluene-d8	10.269	98	172652	44.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.800%	
62) 4-Bromofluorobenzene	12.569	95	36350	24.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 49.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.052	59	10036	163.336	ug/l #	95
16) Acetone	4.022	43	3394	16.569	ug/l	96
17) Carbon Disulfide	4.269	76	3358	1.030	ug/l #	75
19) Methyl tert-butyl Ether	5.316	73	14846	6.926	ug/l #	82
20) Methylene Chloride	4.793	84	4745	Below Cal	#	86
25) 2-Butanone	7.087	43	523	1.714	ug/l #	48
31) Cyclohexane	7.869	56	2207	1.157	ug/l #	35
36) 1,1-Dichloropropene	7.869	75	7648	4.446	ug/l #	48
38) Carbon Tetrachloride	7.875	117	9108	5.975	ug/l #	15
51) 4-Methyl-2-Pentanone	10.275	43	727	1.088	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	19422	54.893	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	19422	137.576	ug/l #	100

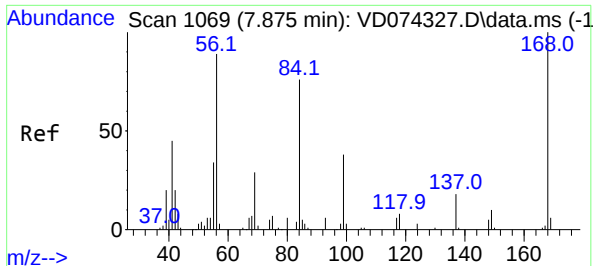
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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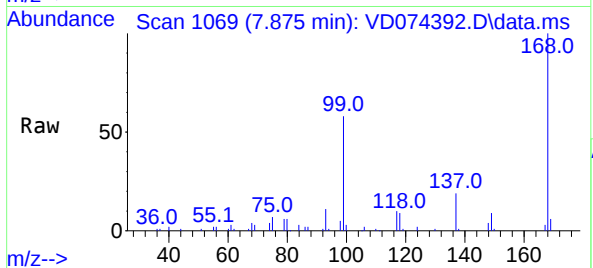
Quant Time: Sep 22 05:13:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
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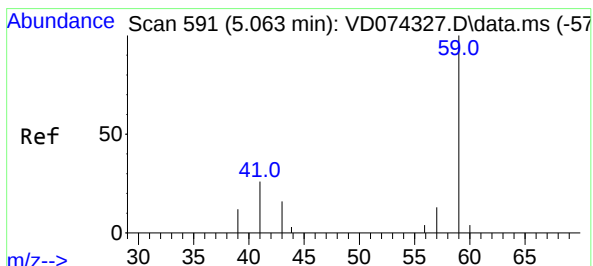
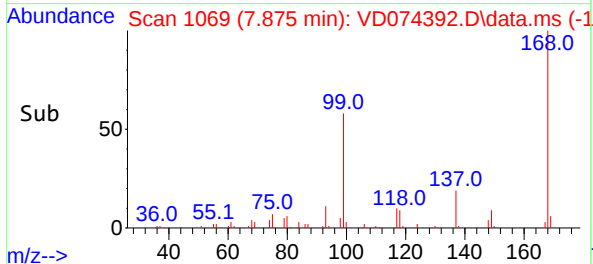
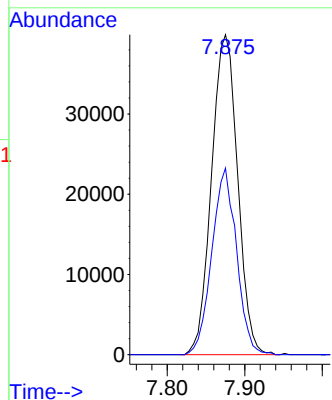


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Instrument :
MSVOA_D
ClientSampleId :

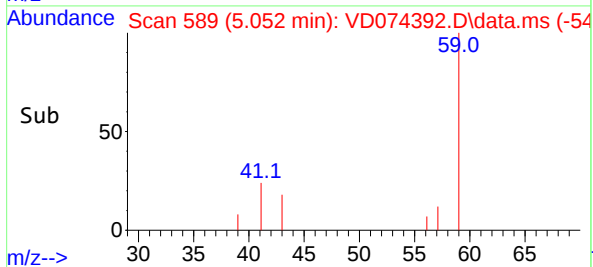
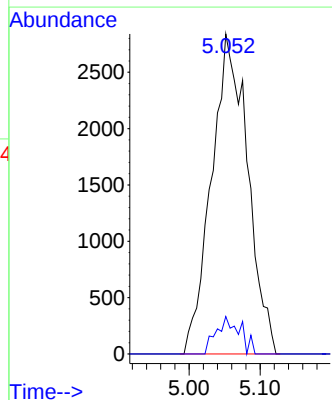
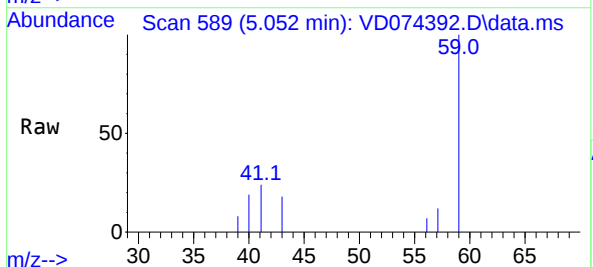


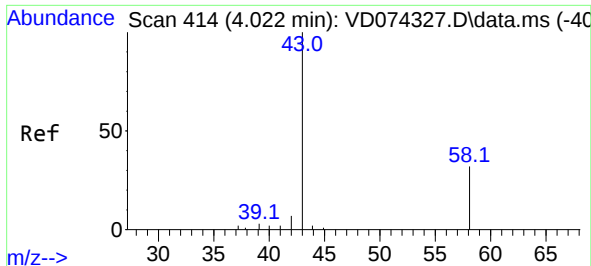
Tgt Ion:168 Resp: 93346
Ion Ratio Lower Upper
168 100
99 58.3 43.0 64.6



#11
Tert butyl alcohol
Concen: 163.336 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.011 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 59 Resp: 10036
Ion Ratio Lower Upper
59 100
57 7.6 7.7 11.5#

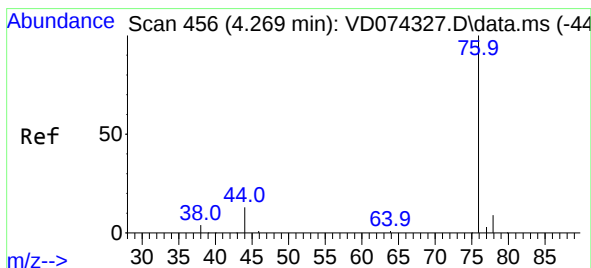
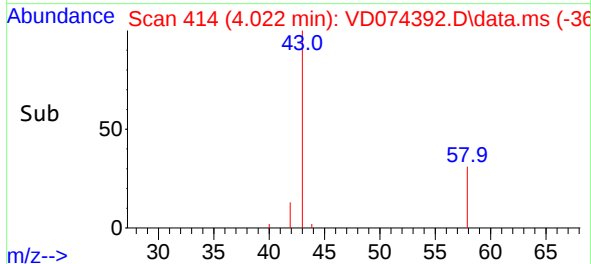
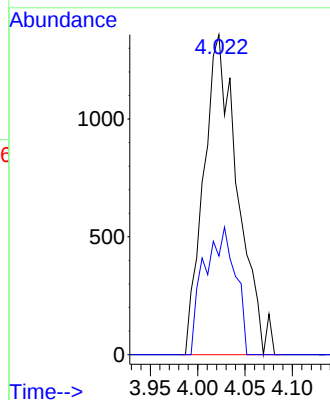
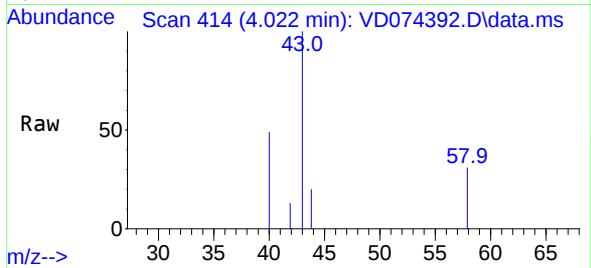




#16
Acetone
Concen: 16.569 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

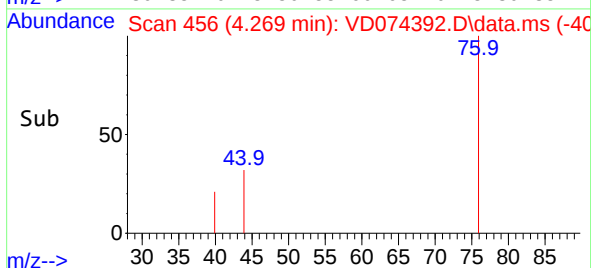
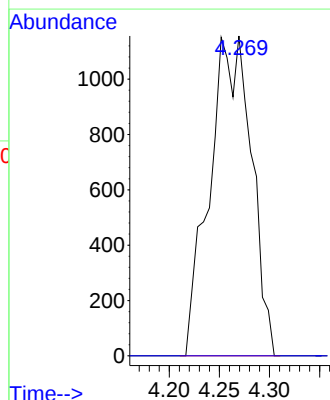
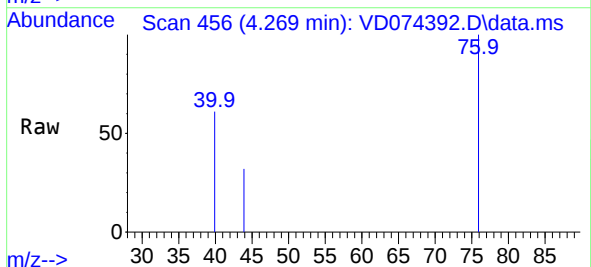
Instrument :
MSVOA_D
ClientSampleId :

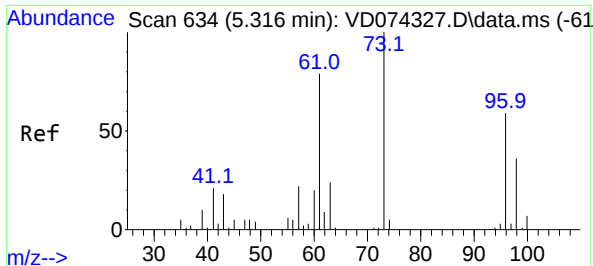
Tgt Ion: 43 Resp: 3394
Ion Ratio Lower Upper
43 100
58 30.8 26.4 39.6



#17
Carbon Disulfide
Concen: 1.030 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 76 Resp: 3358
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#19

Methyl tert-butyl Ether

Concen: 6.926 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074392.D

Acq: 21 Sep 2022 16:39

Instrument :

MSVOA_D

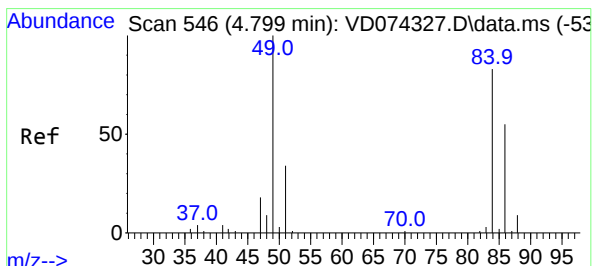
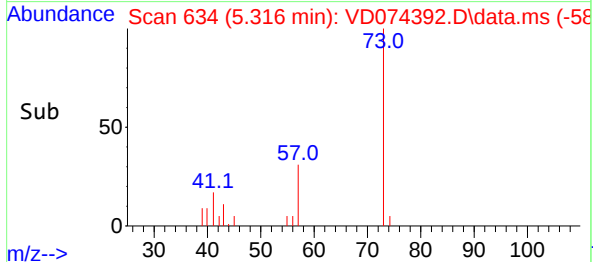
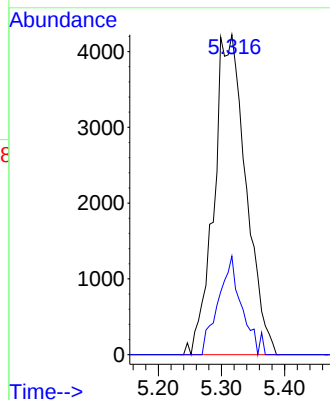
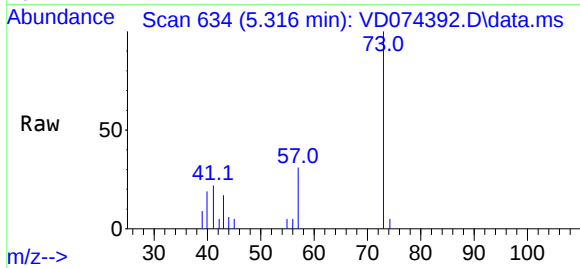
ClientSampleId :

Tgt Ion: 73 Resp: 14846

Ion Ratio Lower Upper

73 100

57 30.8 17.8 26.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD074392.D

Acq: 21 Sep 2022 16:39

Tgt Ion: 84 Resp: 4745

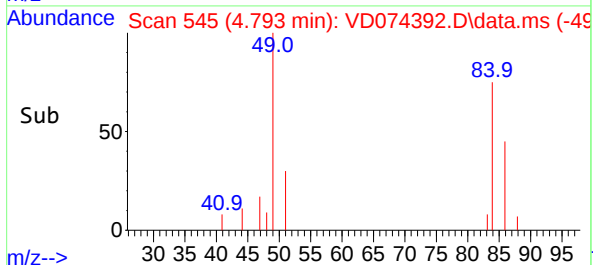
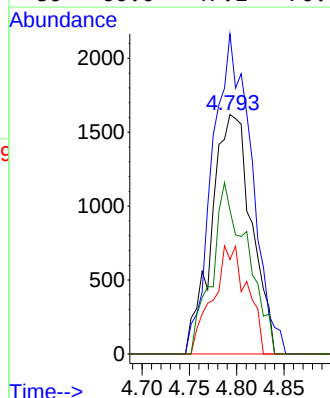
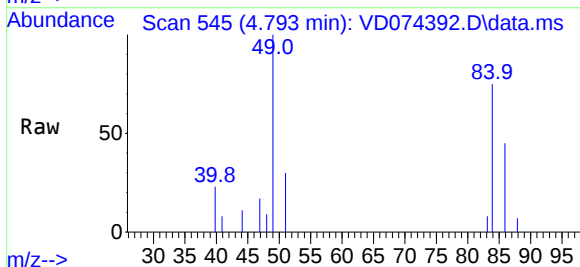
Ion Ratio Lower Upper

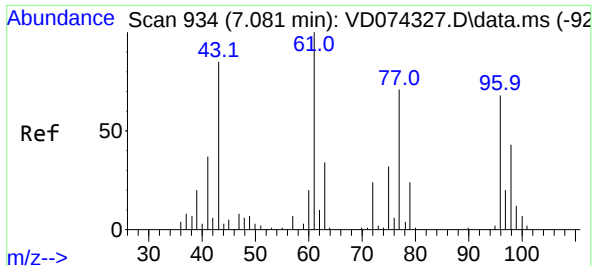
84 100

49 133.7 88.4 132.6#

51 39.5 28.0 42.0

86 60.0 47.1 70.7

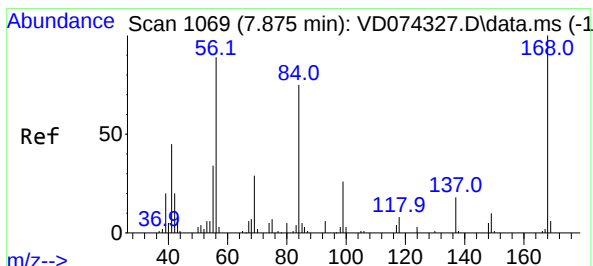
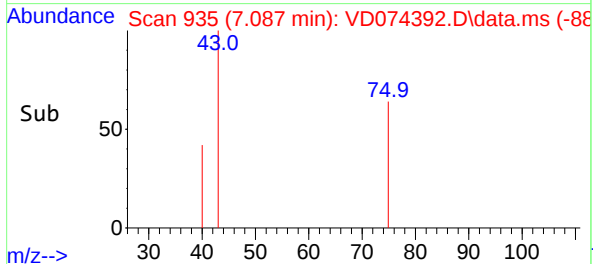
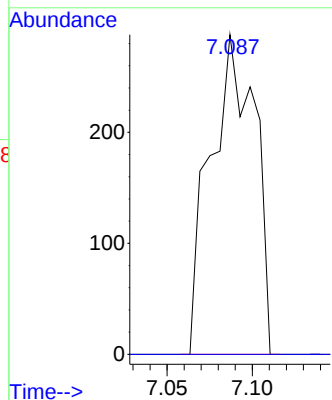
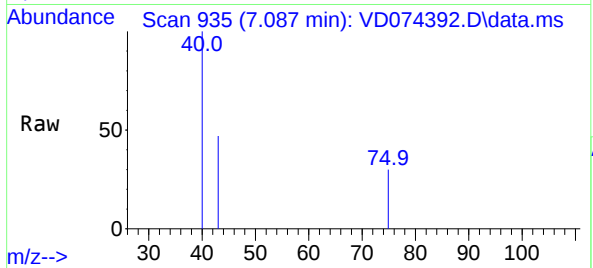




#25
2-Butanone
Concen: 1.714 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

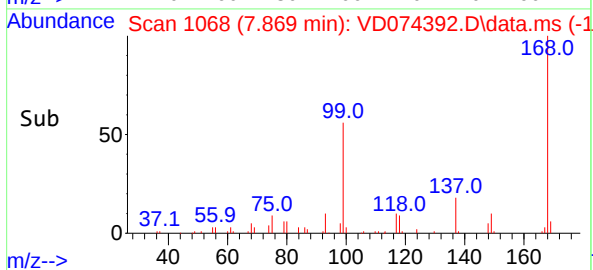
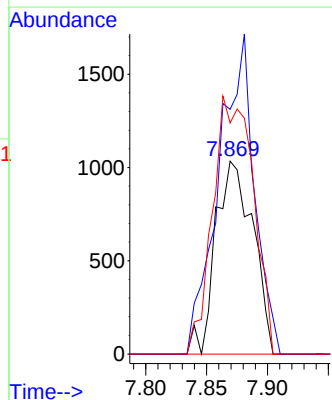
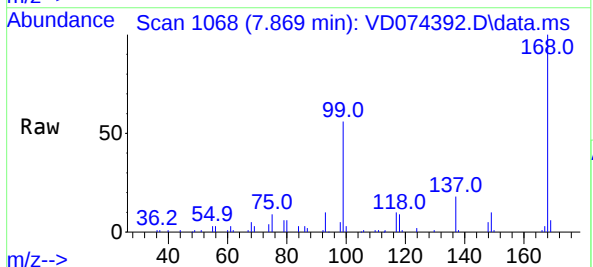
Instrument :
MSVOA_D
ClientSampleId :

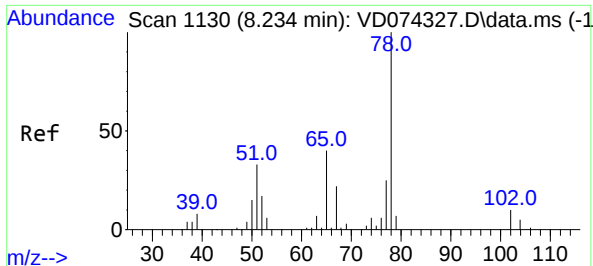
Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 56 Resp: 2207
Ion Ratio Lower Upper
56 100
69 126.9 25.7 38.5#
84 119.8 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 53.400 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074392.D

Acq: 21 Sep 2022 16:39

Instrument :

MSVOA_D

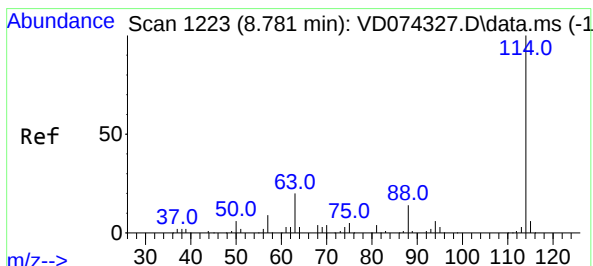
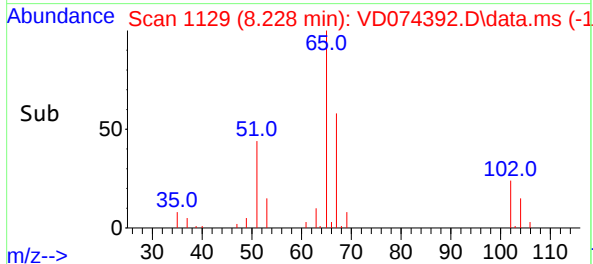
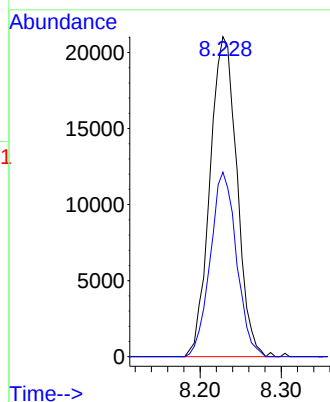
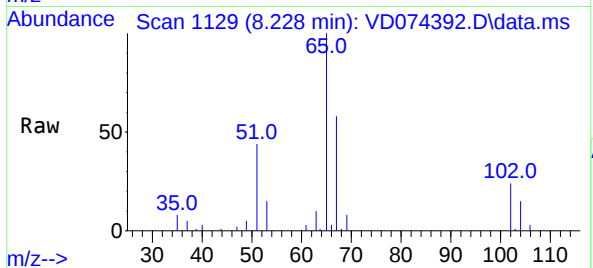
ClientSampleId :

Tgt Ion: 65 Resp: 48552

Ion Ratio Lower Upper

65 100

67 56.0 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: VD074392.D

Acq: 21 Sep 2022 16:39

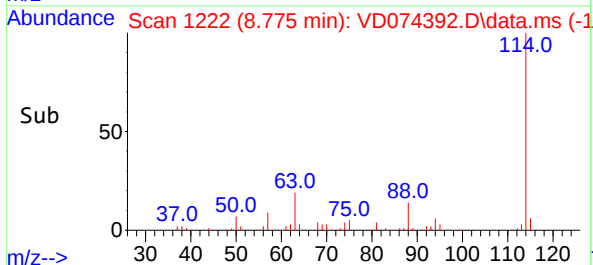
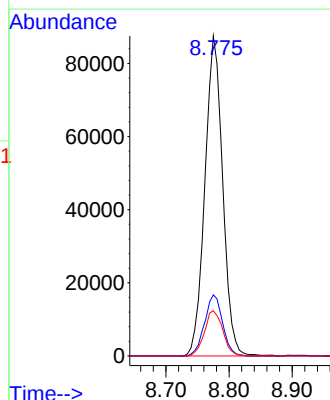
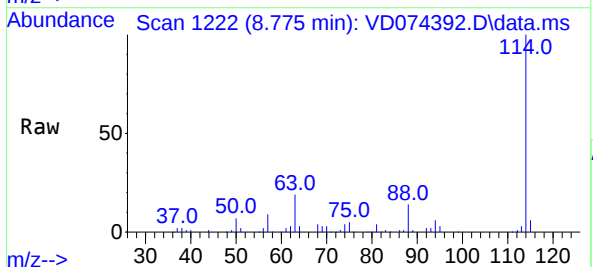
Tgt Ion: 114 Resp: 171094

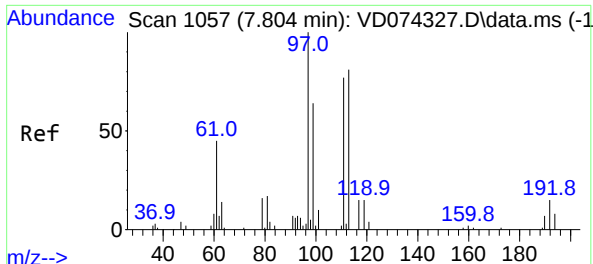
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

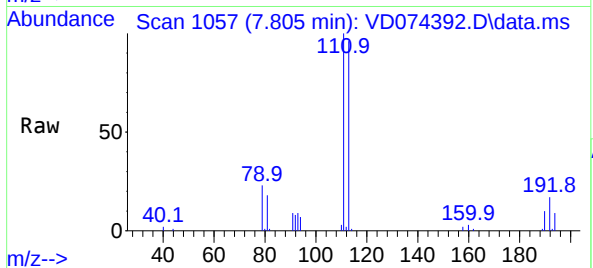
88 14.2 0.0 28.4



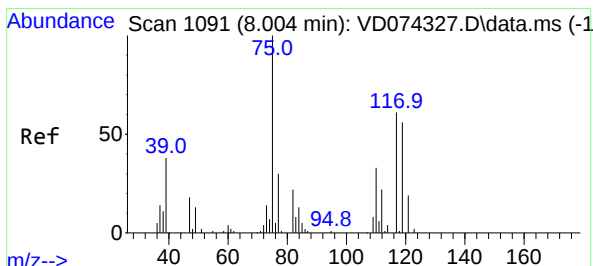
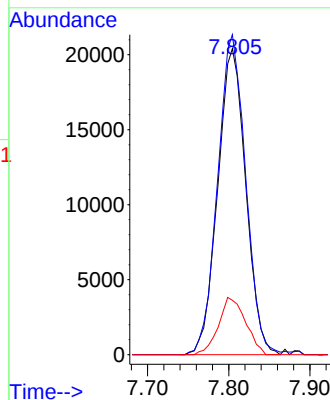
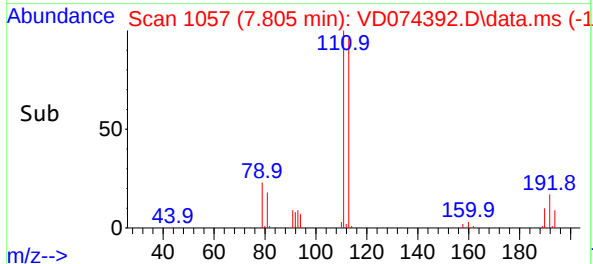


#35
Dibromofluoromethane
Concen: 43.536 ug/l
RT: 7.805 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

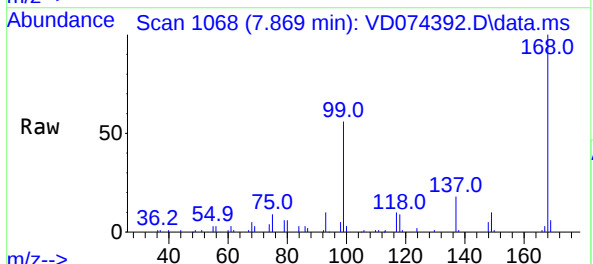
Instrument :
MSVOA_D
ClientSampleId :



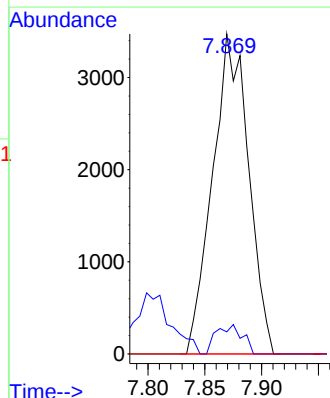
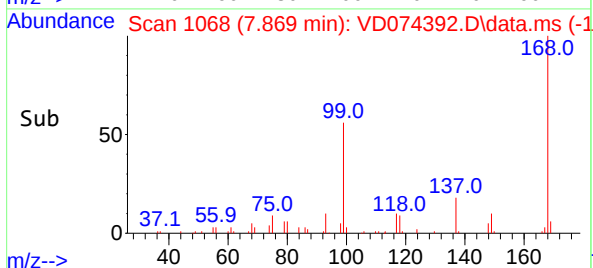
Tgt Ion:113 Resp: 49058
Ion Ratio Lower Upper
113 100
111 104.5 83.0 124.6
192 18.0 16.2 24.2

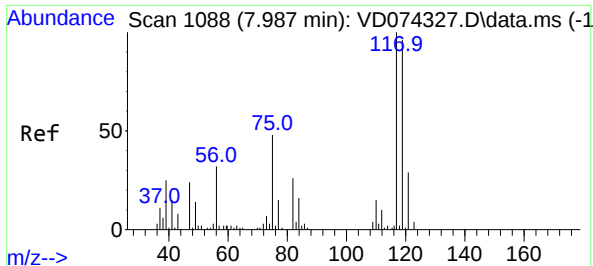


#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39



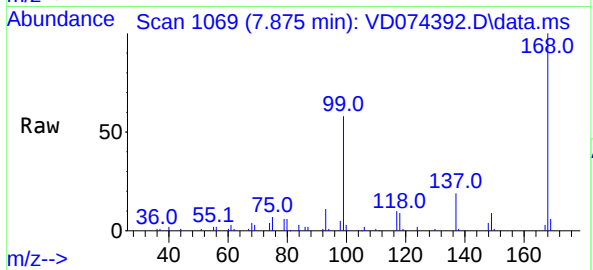
Tgt Ion: 75 Resp: 7648
Ion Ratio Lower Upper
75 100
110 6.6 17.5 52.5#
77 0.0 24.8 37.2#



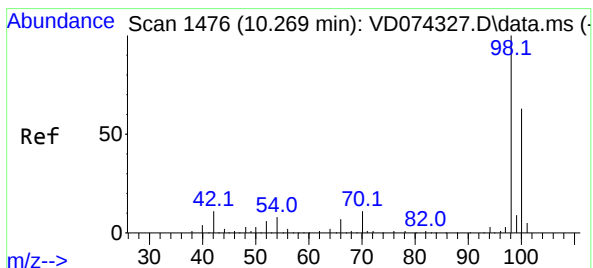
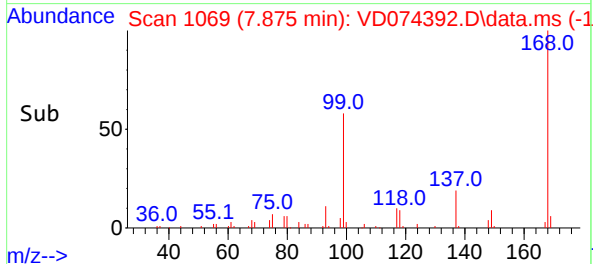
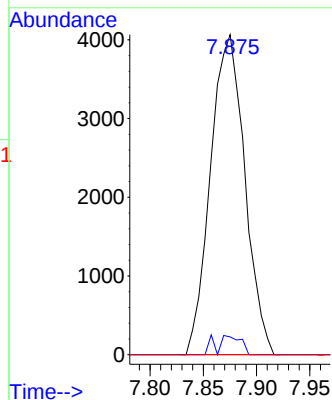


#38
Carbon Tetrachloride
Concen: 5.975 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Instrument :
MSVOA_D
ClientSampleId :

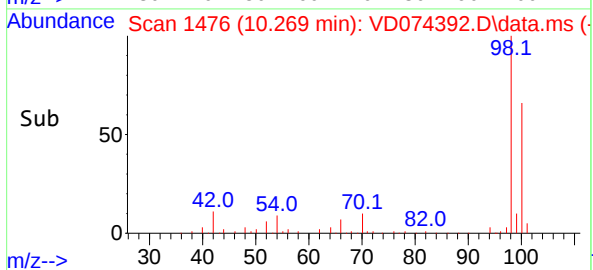
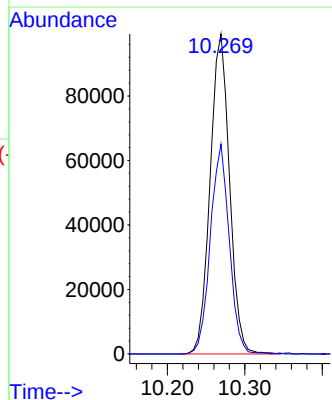
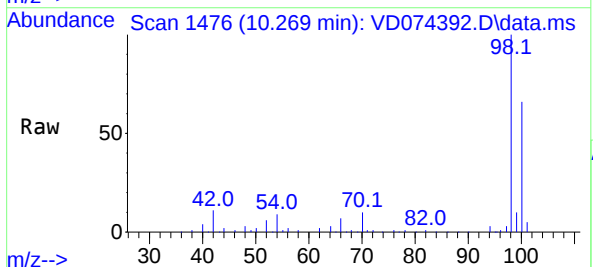


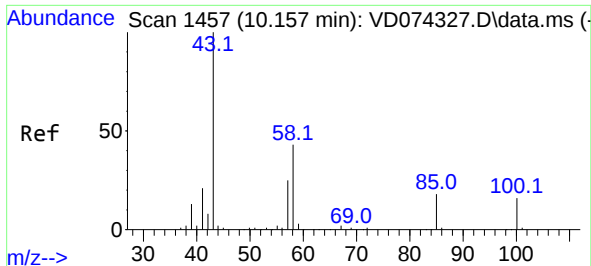
Tgt Ion:117 Resp: 9108
Ion Ratio Lower Upper
117 100
119 5.6 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 44.405 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 98 Resp: 172652
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.8

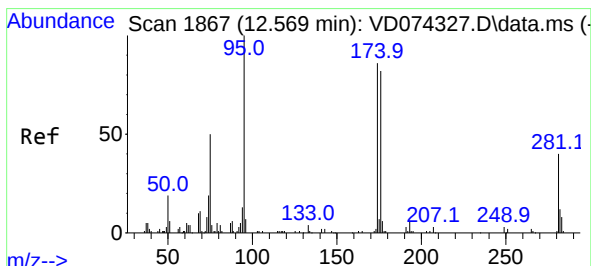
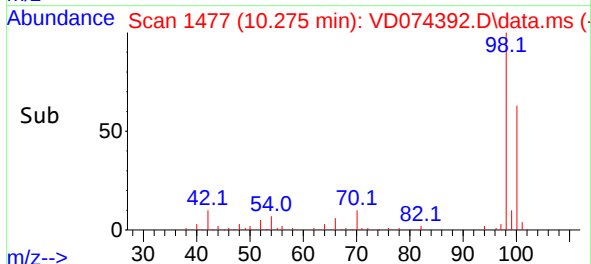
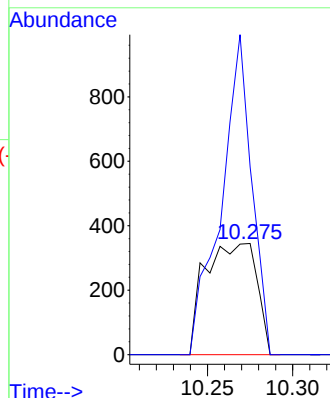
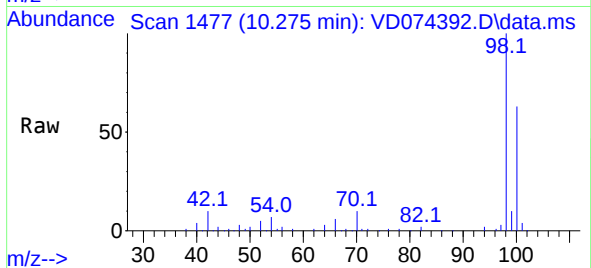




#51
4-Methyl-2-Pentanone
Concen: 1.088 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

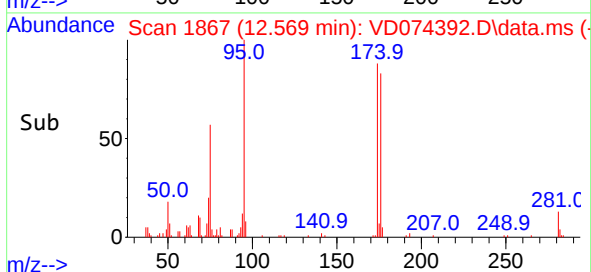
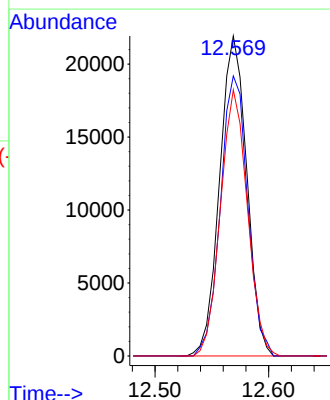
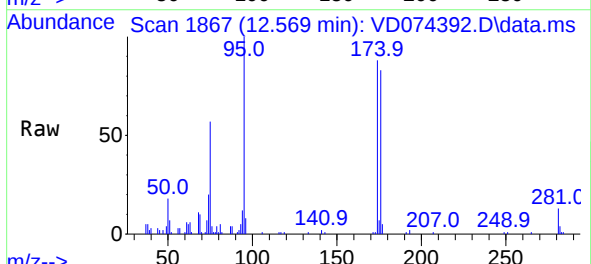
Instrument :
MSVOA_D
ClientSampleId :

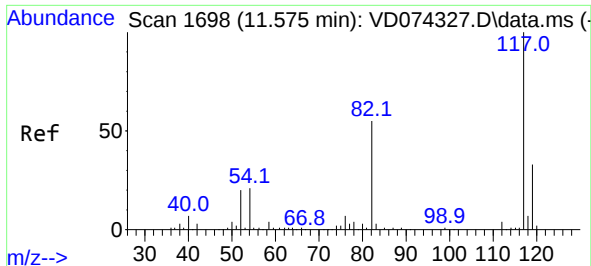
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 171.4 33.3 49.9#



#62
4-Bromofluorobenzene
Concen: 24.693 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 95 Resp: 36350
Ion Ratio Lower Upper
95 100
174 87.5 0.0 179.2
176 82.4 0.0 171.4

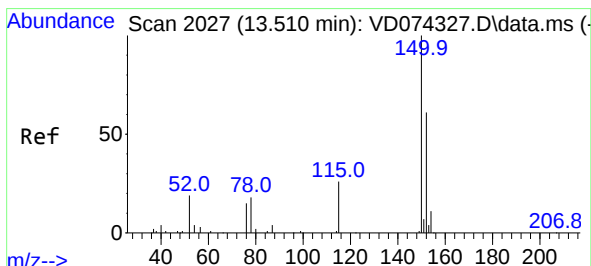
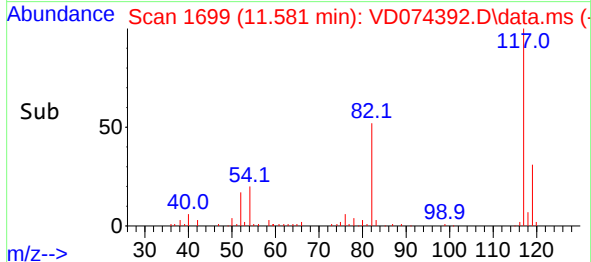
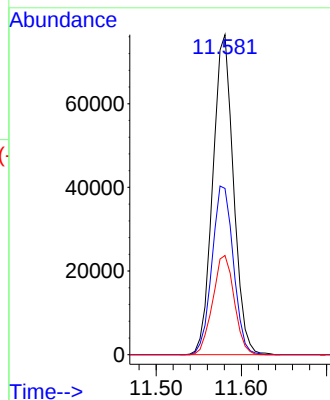
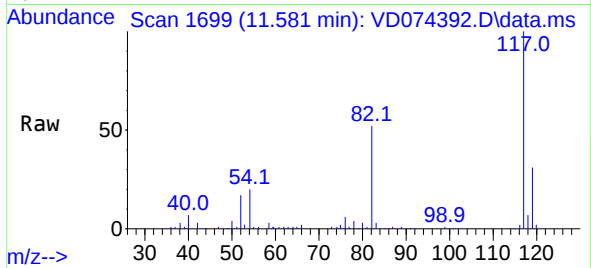




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

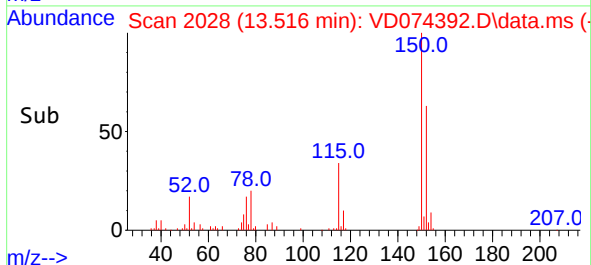
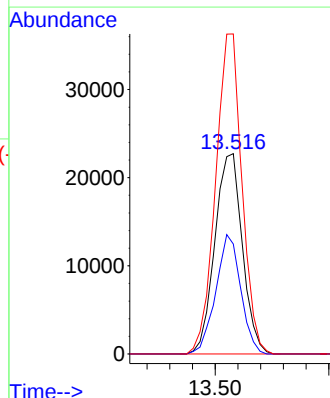
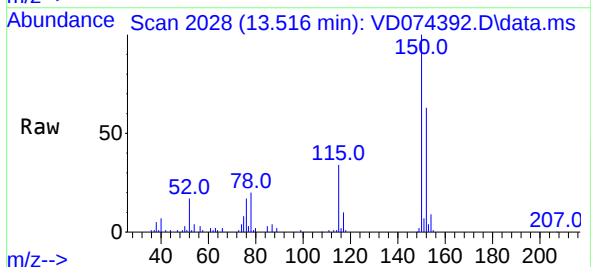
Instrument :
MSVOA_D
ClientSampleId :

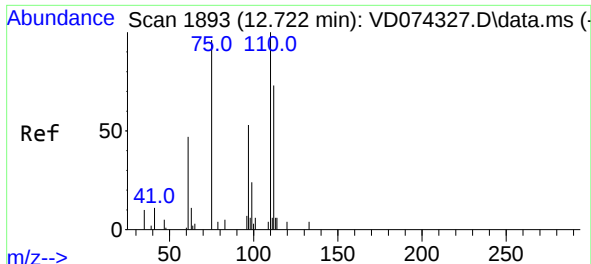
Tgt Ion:117 Resp: 129072
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Tgt Ion:152 Resp: 38241
Ion Ratio Lower Upper
152 100
115 53.9 28.4 85.2
150 152.9 0.0 351.0

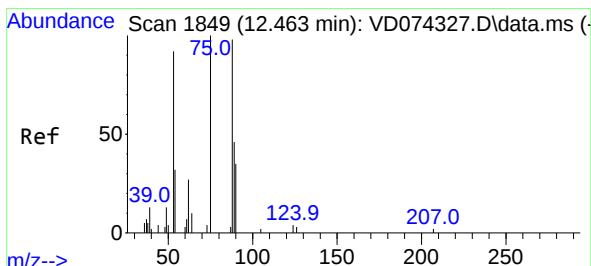
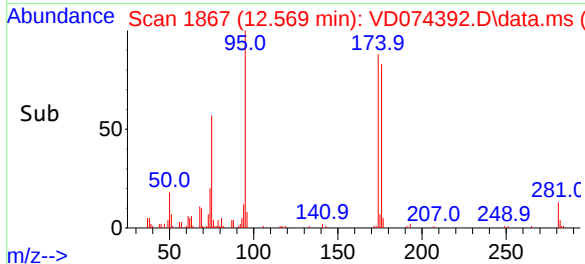
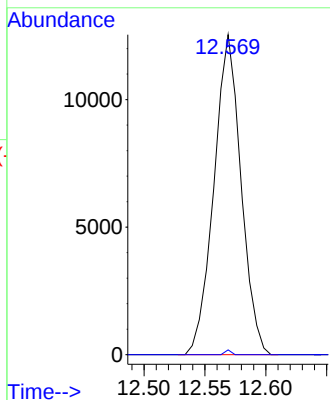
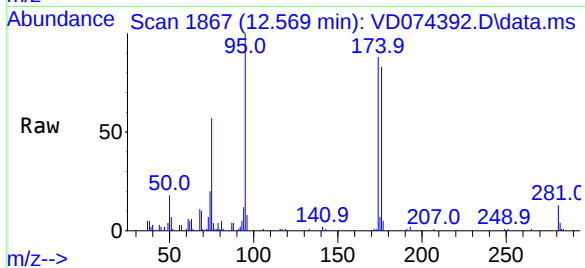




#76
1,2,3-Trichloropropane
Concen: 54.893 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 19422
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.576 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074392.D
Acq: 21 Sep 2022 16:39

Tgt Ion: 75 Resp: 19422
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

