

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074393.D
 Acq On : 21 Sep 2022 17:13
 Operator : VA/SY
 Sample : N4641-06RE
 Misc : 6.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 05:13:13 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)

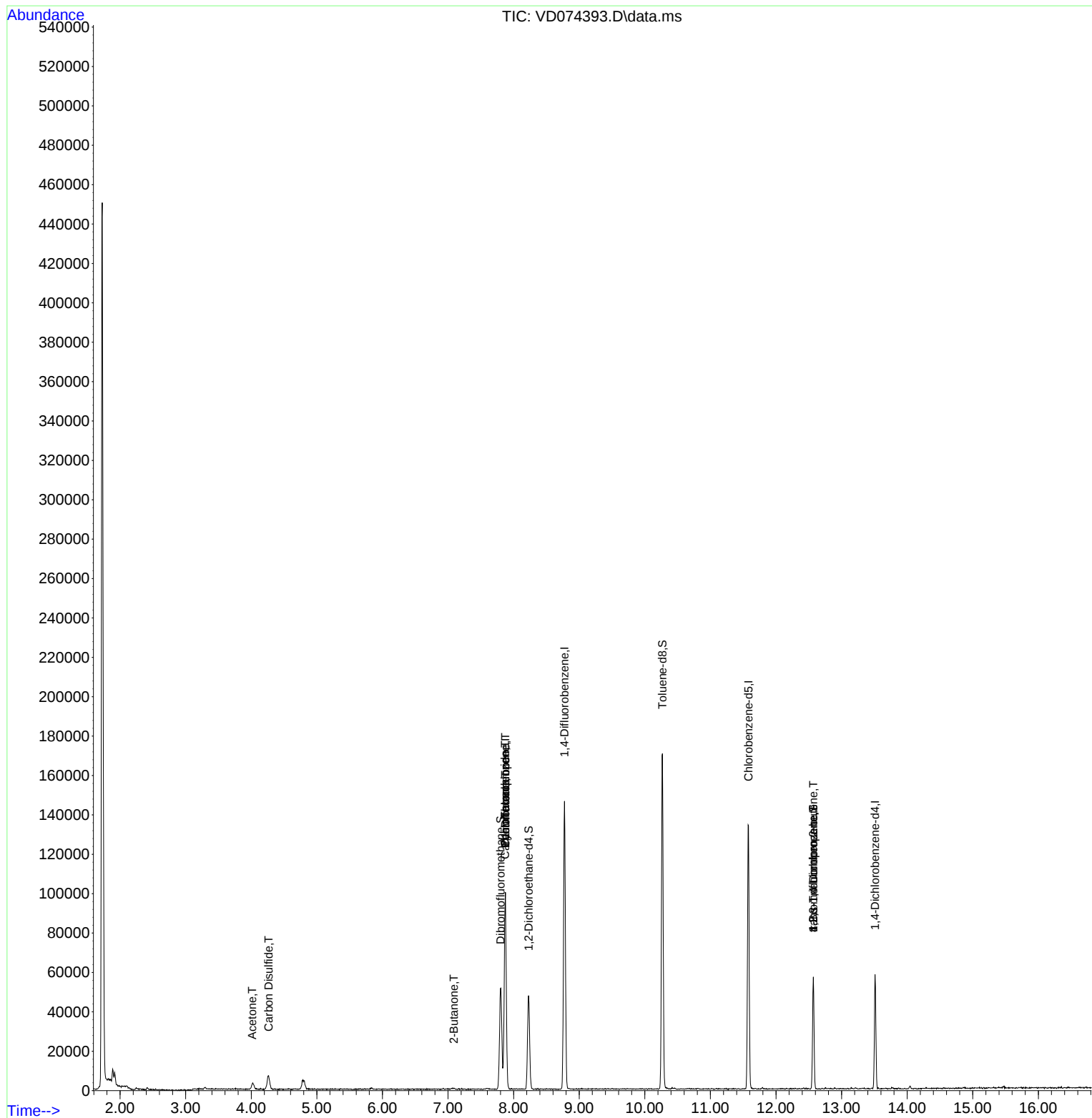
Internal Standards						
1) Pentafluorobenzene	7.875	168	74900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	128826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	79318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	15246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	36910	50.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.180%	
35) Dibromofluoromethane	7.799	113	38081	44.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.760%	
50) Toluene-d8	10.269	98	121424	41.476	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.960%	
62) 4-Bromofluorobenzene	12.569	95	16920	12.802	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 25.600%	
Target Compounds						
						Qvalue
16) Acetone	4.017	43	5876	35.751	ug/l #	87
17) Carbon Disulfide	4.264	76	14378	5.498	ug/l #	94
18) Methyl Acetate	4.546	43	59	Below Cal	#	51
20) Methylene Chloride	4.799	84	3979	Below Cal		88
25) 2-Butanone	7.087	43	325	1.328	ug/l #	56
31) Cyclohexane	7.875	56	1982	1.295	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	6146	4.745	ug/l #	47
38) Carbon Tetrachloride	7.869	117	7059	6.150	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	9000	63.803	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	9000	159.906	ug/l #	100

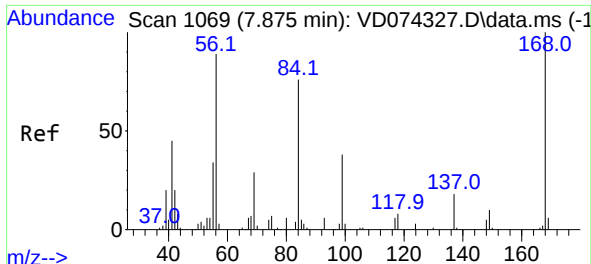
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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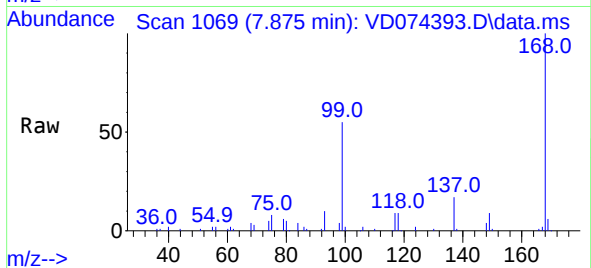
Quant Time: Sep 22 05:13:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
Response via : Initial Calibration



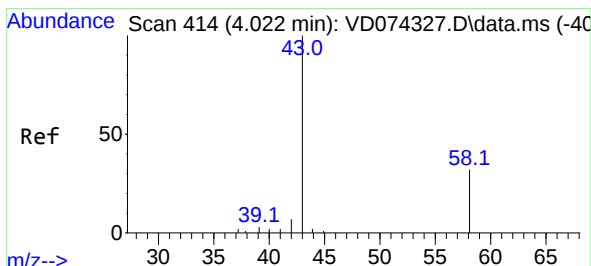
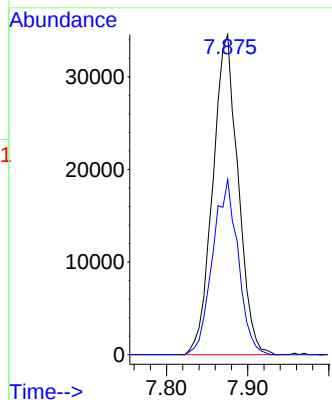
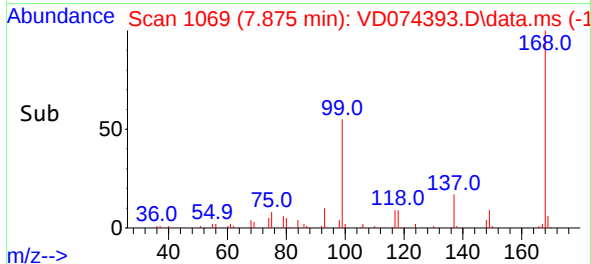


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

Instrument :
MSVOA_D
ClientSampleId :

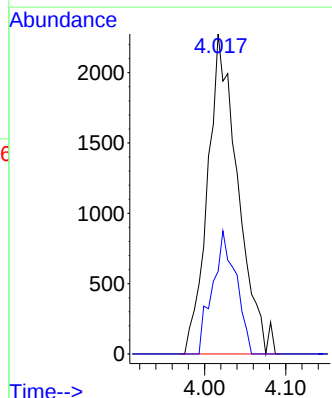
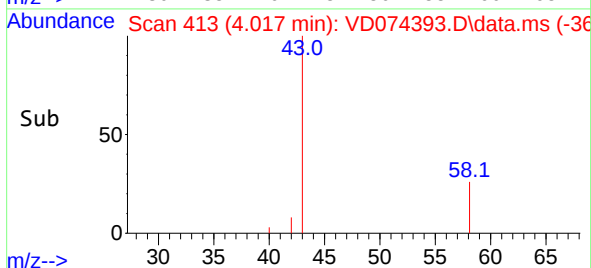
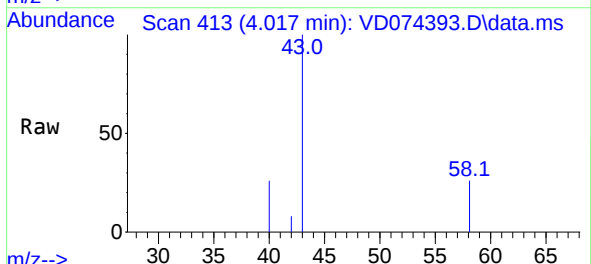


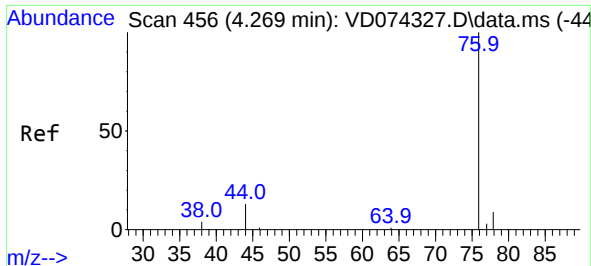
Tgt Ion:168 Resp: 74900
Ion Ratio Lower Upper
168 100
99 54.7 43.0 64.6



#16
Acetone
Concen: 35.751 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

Tgt Ion: 43 Resp: 5876
Ion Ratio Lower Upper
43 100
58 25.8 26.4 39.6#

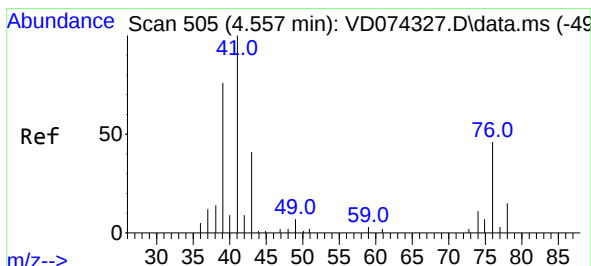
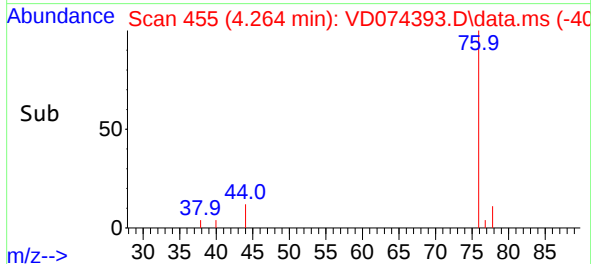
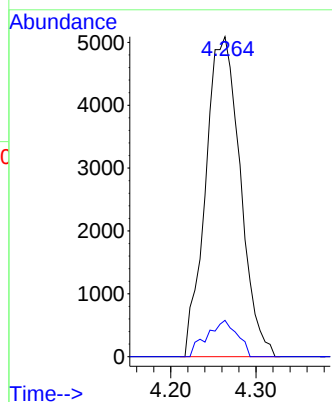
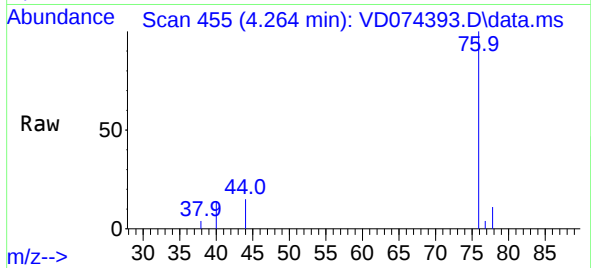




#17
Carbon Disulfide
Concen: 5.498 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

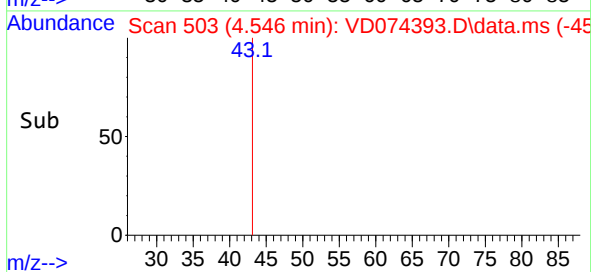
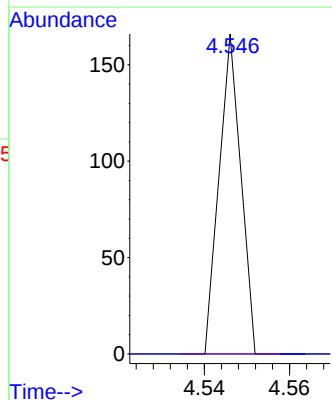
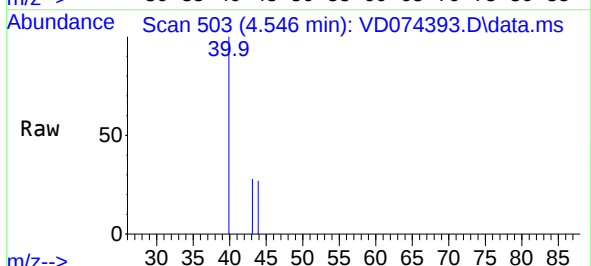
Instrument :
MSVOA_D
ClientSampleId :

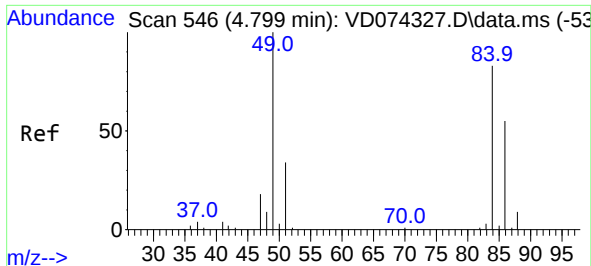
Tgt Ion: 76 Resp: 14378
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.546 min Scan# 503
Delta R.T. -0.011 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

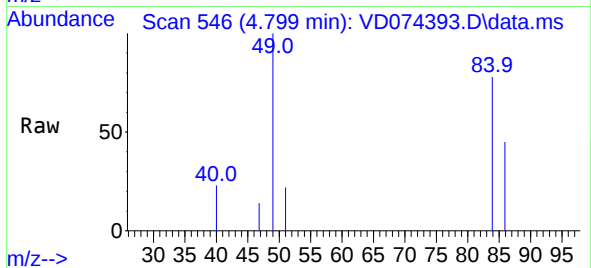
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#





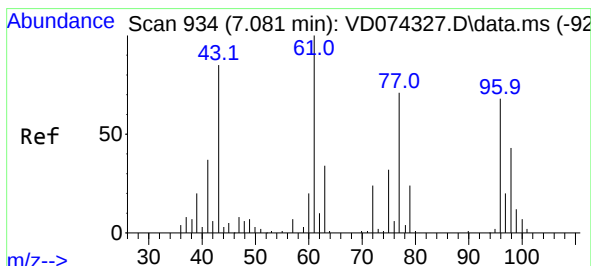
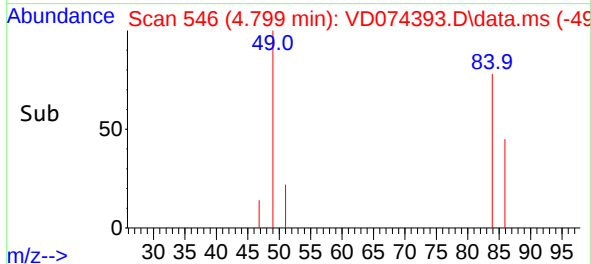
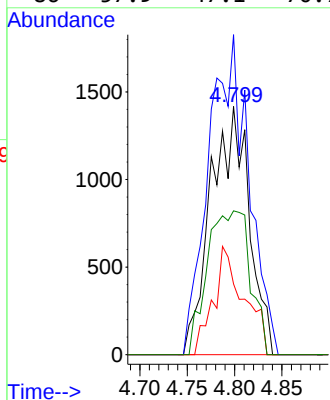
#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 3979

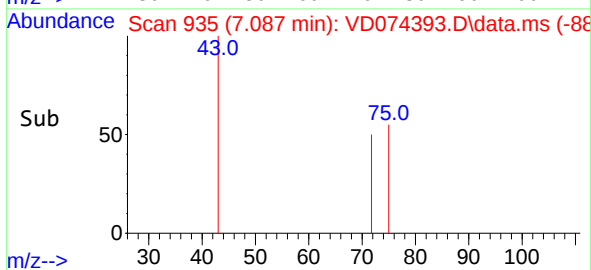
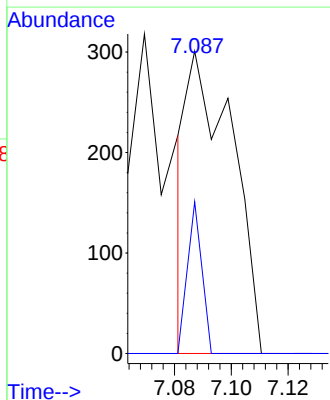
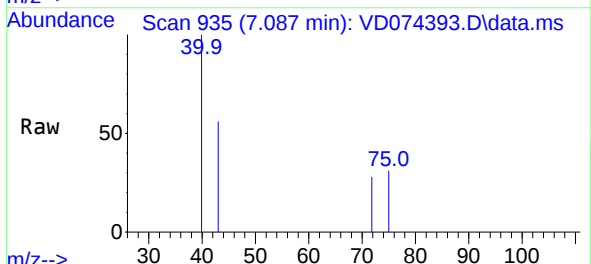
Ion	Ratio	Lower	Upper
84	100		
49	128.9	88.4	132.6
51	28.5	28.0	42.0
86	57.9	47.1	70.7

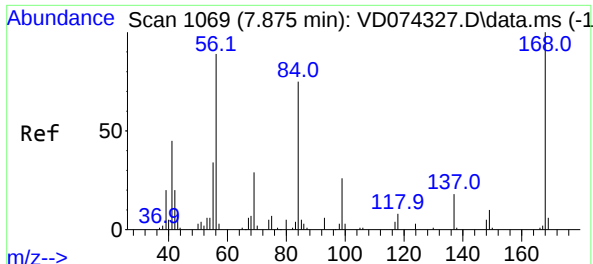


#25
2-Butanone
Concen: 1.328 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

Tgt Ion: 43 Resp: 325

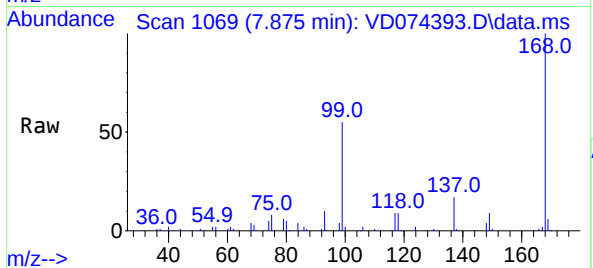
Ion	Ratio	Lower	Upper
43	100		
72	50.2	21.8	32.6#



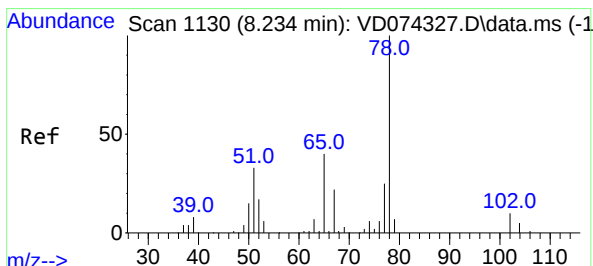
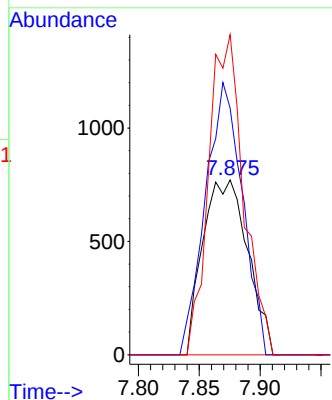
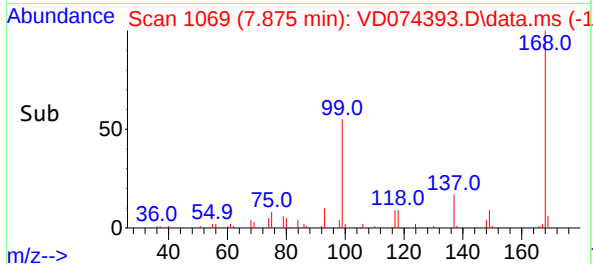


#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

Instrument :
MSVOA_D
ClientSampleId :

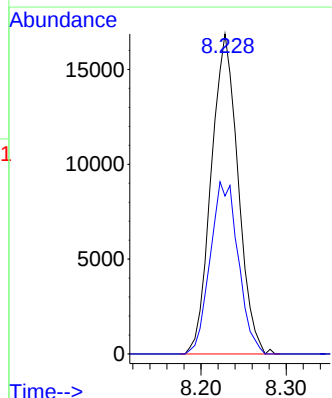
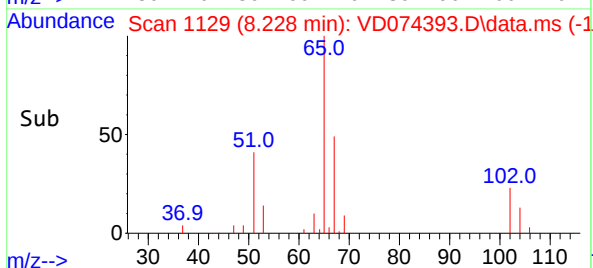
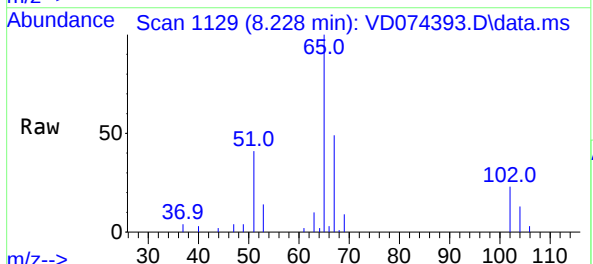


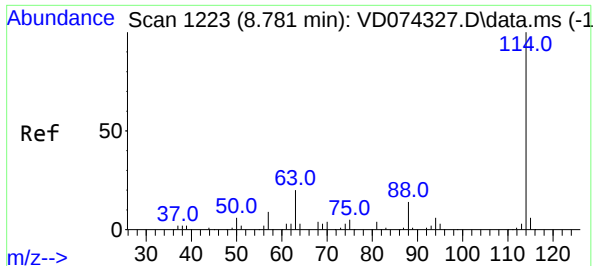
Tgt Ion: 56 Resp: 1982
Ion Ratio Lower Upper
56 100
69 141.1 25.7 38.5#
84 183.1 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 50.594 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

Tgt Ion: 65 Resp: 36910
Ion Ratio Lower Upper
65 100
67 56.3 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074393.D

Acq: 21 Sep 2022 17:13

Instrument :

MSVOA_D

ClientSampleId :

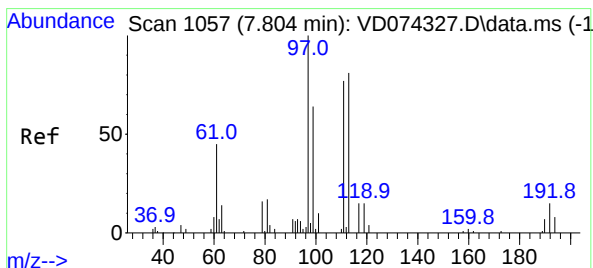
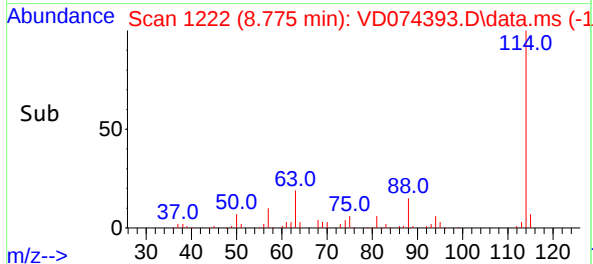
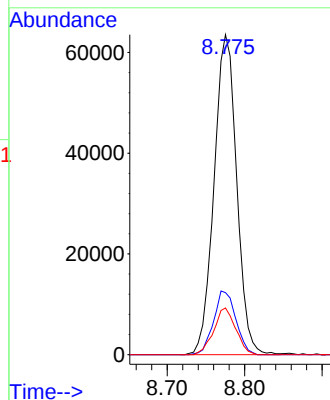
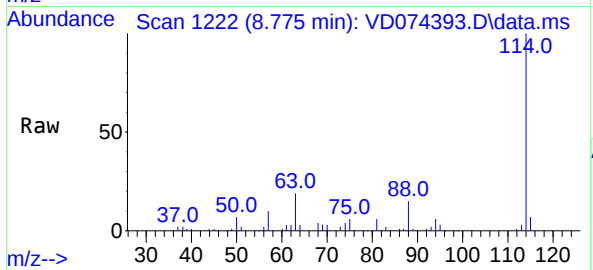
Tgt Ion:114 Resp: 128826

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 14.6 0.0 28.4



#35

Dibromofluoromethane

Concen: 44.883 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.005 min

Lab File: VD074393.D

Acq: 21 Sep 2022 17:13

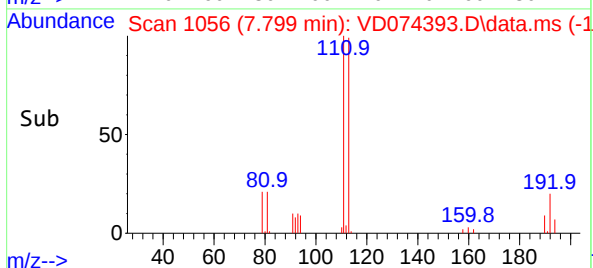
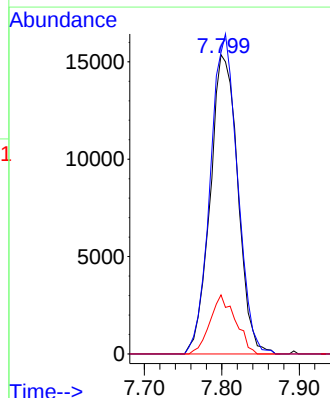
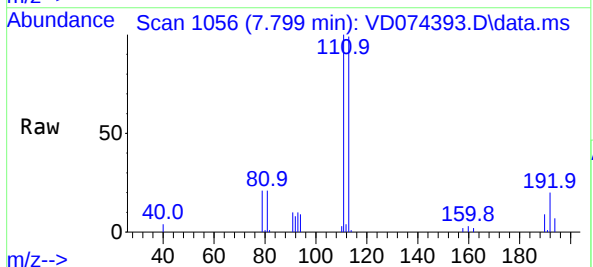
Tgt Ion:113 Resp: 38081

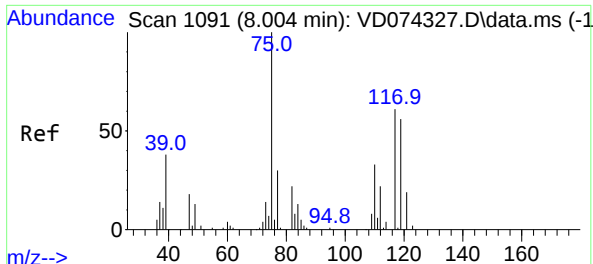
Ion Ratio Lower Upper

113 100

111 105.3 83.0 124.6

192 18.2 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.745 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074393.D

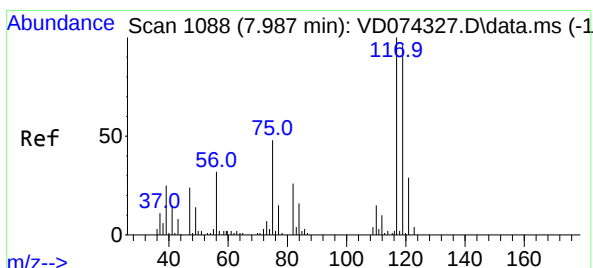
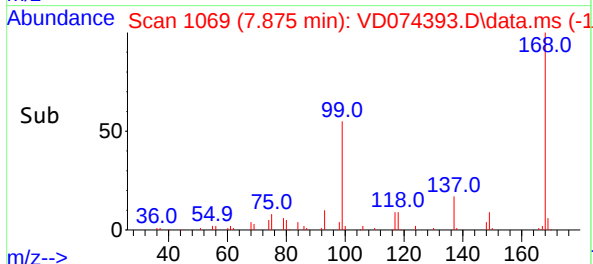
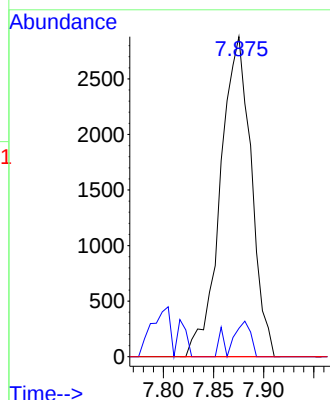
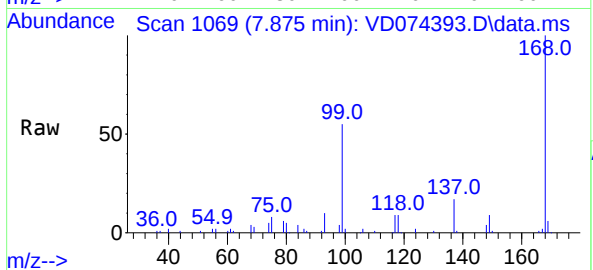
Acq: 21 Sep 2022 17:13

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 6146
Ion Ratio	Lower Upper
75	100
110	5.6 17.5 52.5#
77	0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.150 ug/l

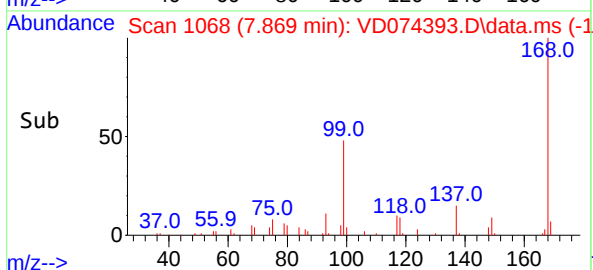
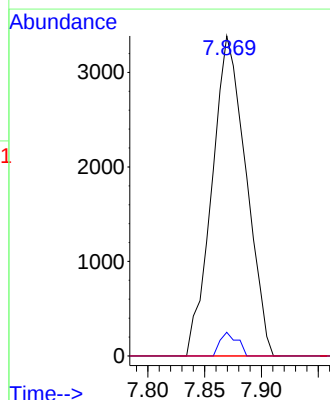
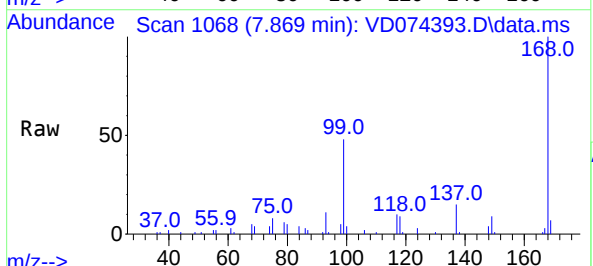
RT: 7.869 min Scan# 1068

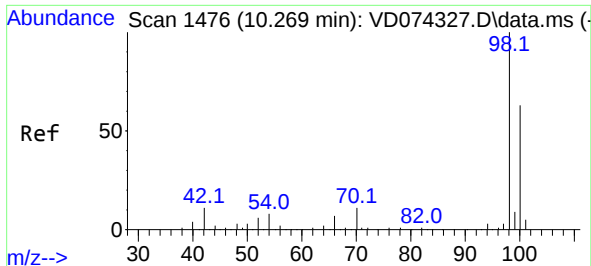
Delta R.T. -0.118 min

Lab File: VD074393.D

Acq: 21 Sep 2022 17:13

Tgt Ion: 117	Resp: 7059
Ion Ratio	Lower Upper
117	100
119	7.4 78.8 118.2#
121	0.0 23.9 35.9#

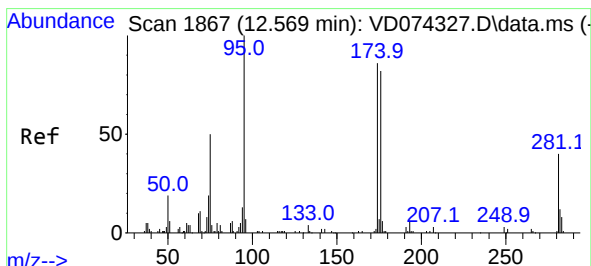
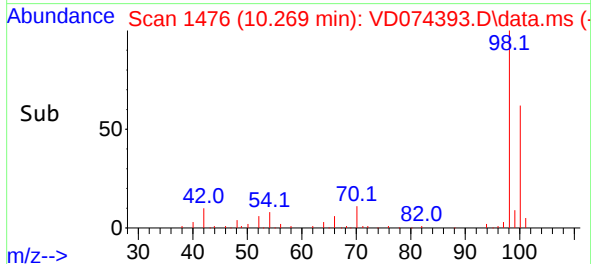
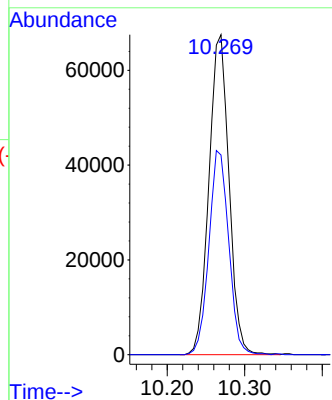
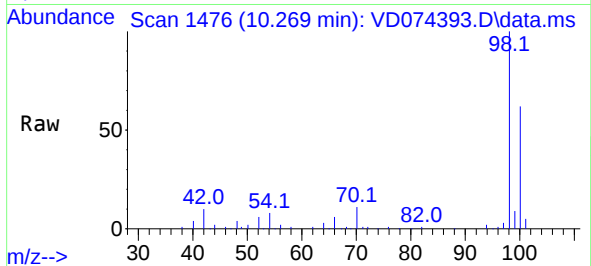




#50
Toluene-d8
Concen: 41.476 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

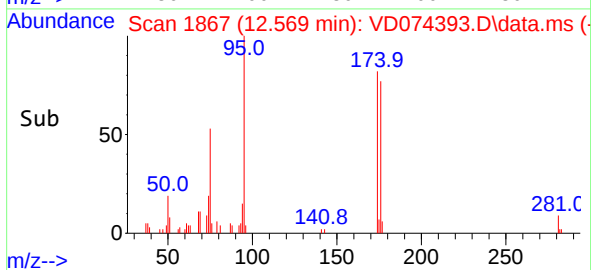
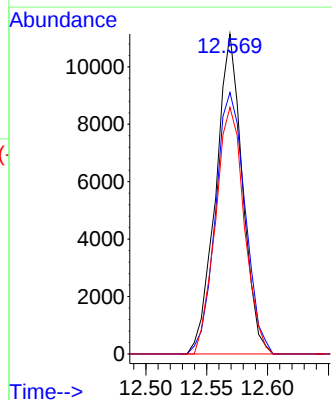
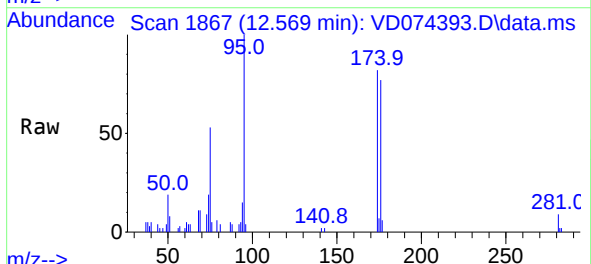
Instrument :
MSVOA_D
ClientSampleId :

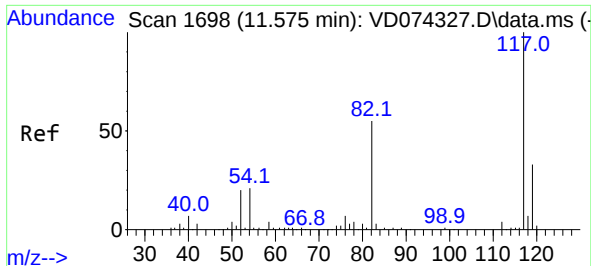
Tgt Ion: 98 Resp: 121424
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 12.802 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

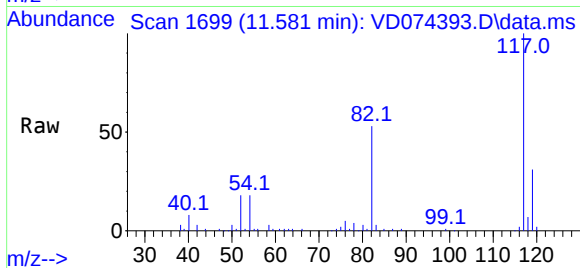
Tgt Ion: 95 Resp: 16920
Ion Ratio Lower Upper
95 100
174 90.7 0.0 179.2
176 83.3 0.0 171.4



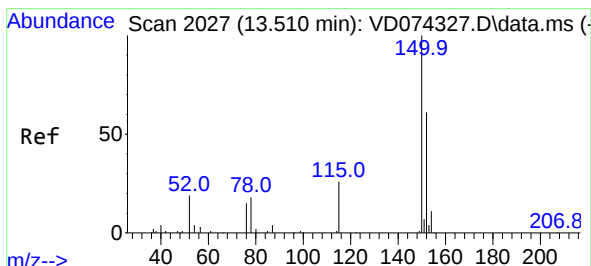
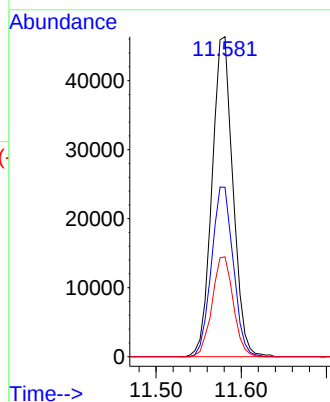
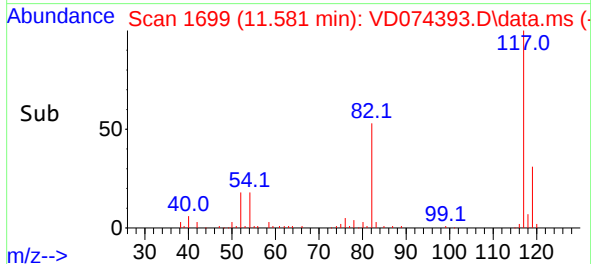


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

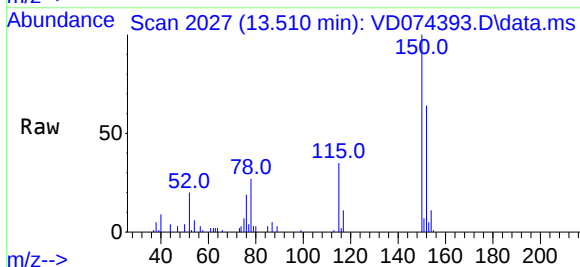
Instrument :
MSVOA_D
ClientSampleId :



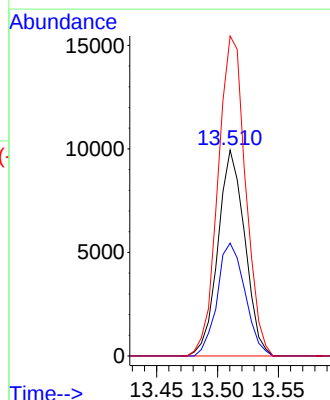
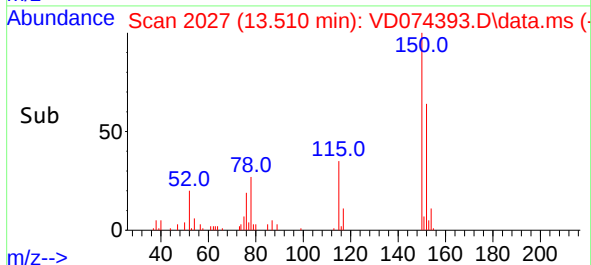
Tgt Ion:117 Resp: 79318
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 31.2 25.4 38.0

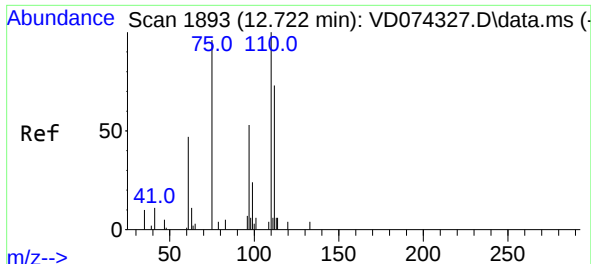


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13



Tgt Ion:152 Resp: 15246
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.2
150 159.3 0.0 351.0

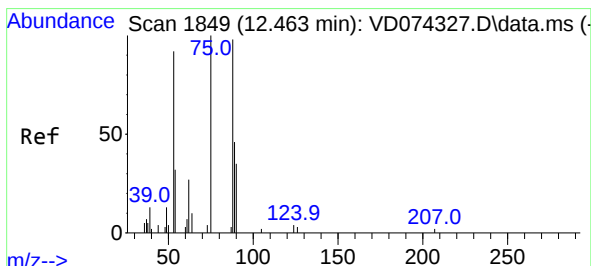
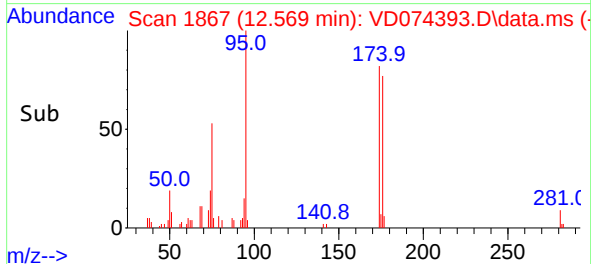
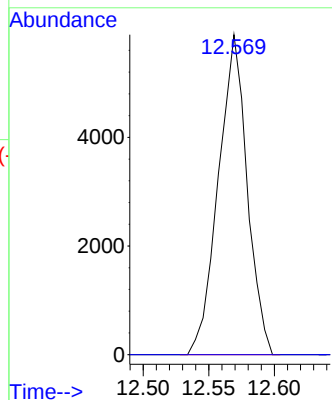
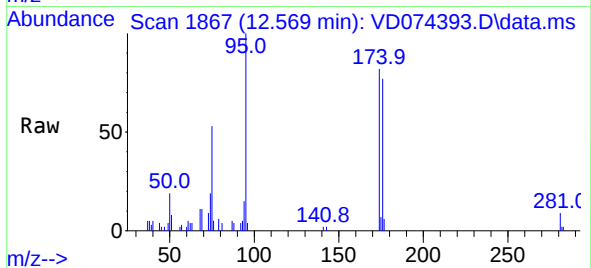




#76
1,2,3-Trichloropropane
Concen: 63.803 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 9000
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 159.906 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074393.D
Acq: 21 Sep 2022 17:13

Tgt Ion: 75 Resp: 9000
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

