

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074444.D
 Acq On : 27 Sep 2022 14:44
 Operator : VA/SY
 Sample : N4789-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RB20515

Quant Time: Sep 28 04:40:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

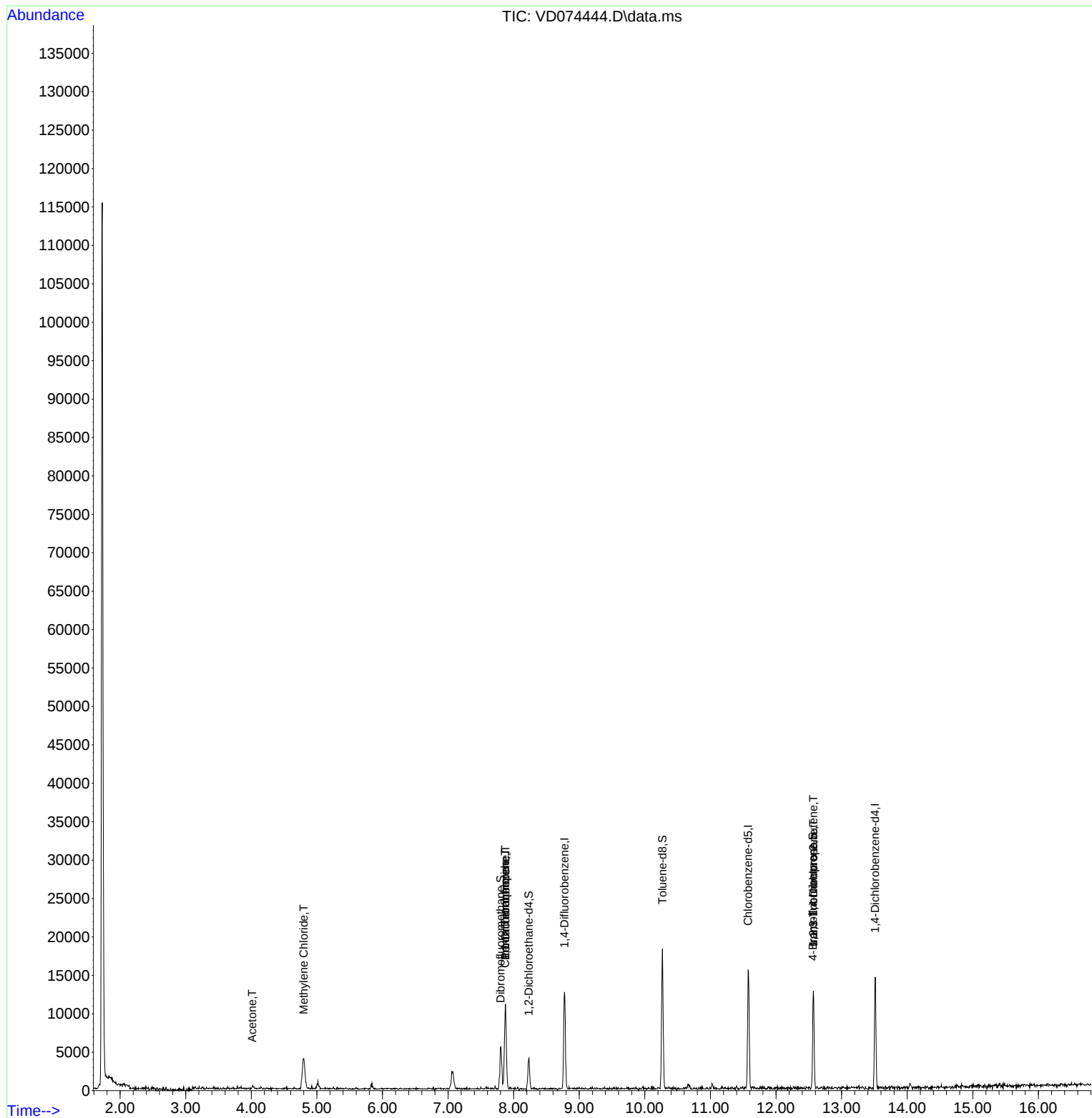
Internal Standards						
1) Pentafluorobenzene	7.875	168	10150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	13169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	11072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	5230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3450	39.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.960%
35) Dibromofluoromethane	7.799	113	4172	46.852	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.700%
50) Toluene-d8	10.269	98	13276	44.330	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.660%
62) 4-Bromofluorobenzene	12.563	95	3799	34.488	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.980%
Target Compounds						
3) Chloromethane	2.140	50	62	Below Cal	#	37
11) Tert butyl alcohol	5.016	59	147	Below Cal	#	84
16) Acetone	4.016	43	183	10.795	ug/l #	37
20) Methylene Chloride	4.799	84	3873	26.774	ug/l	92
36) 1,1-Dichloropropene	7.875	75	601	5.026	ug/l #	39
38) Carbon Tetrachloride	7.869	117	776	6.781	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	1920	46.937	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	1920	114.536	ug/l #	17

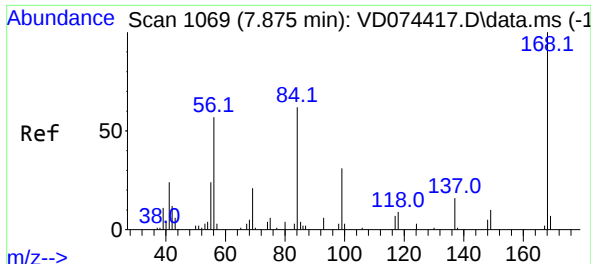
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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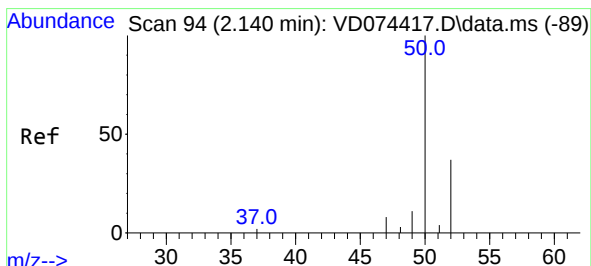
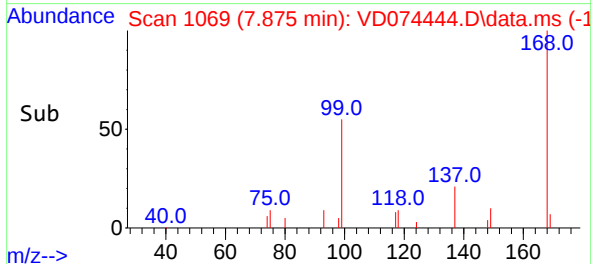
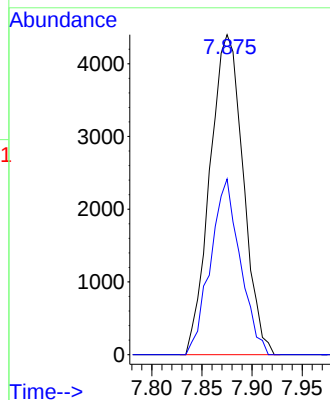
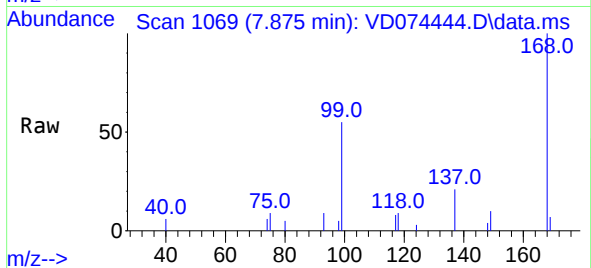




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074444.D
Acq: 27 Sep 2022 14:44

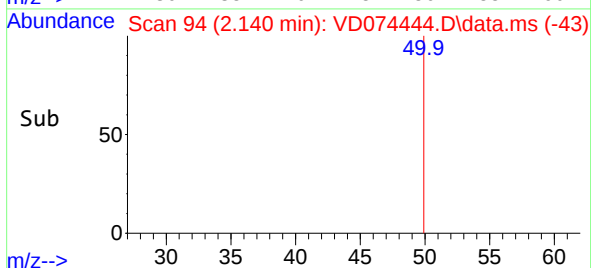
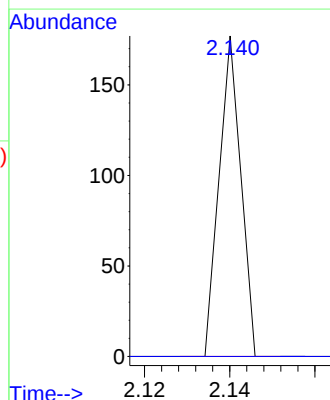
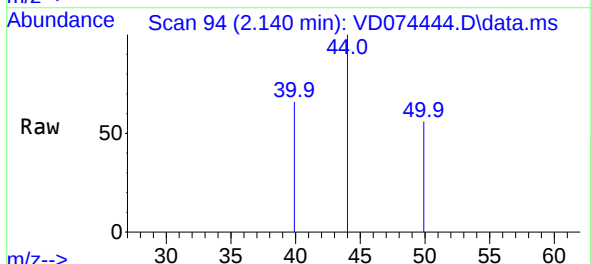
Instrument :
MSVOA_D
ClientSampleId :
RB20515

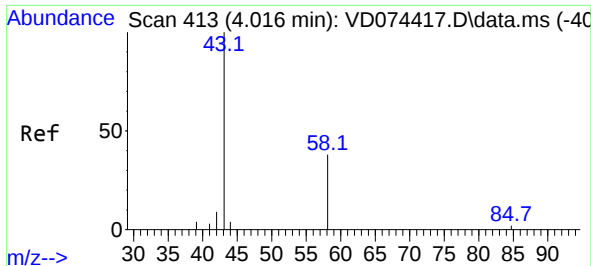
Tgt Ion:168 Resp: 10150
Ion Ratio Lower Upper
168 100
99 54.9 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074444.D
Acq: 27 Sep 2022 14:44

Tgt Ion: 50 Resp: 62
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

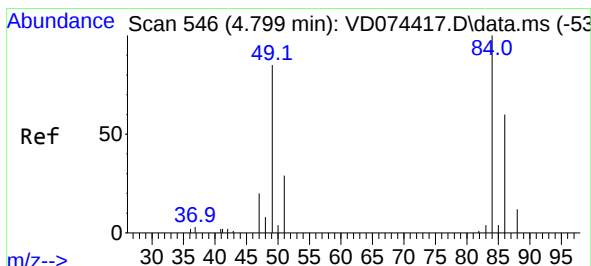
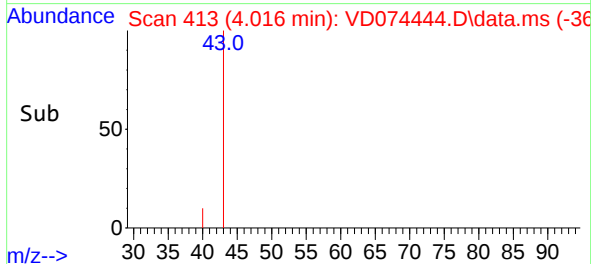
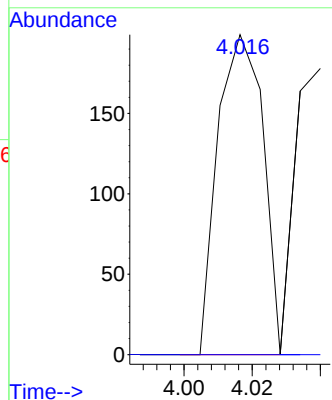
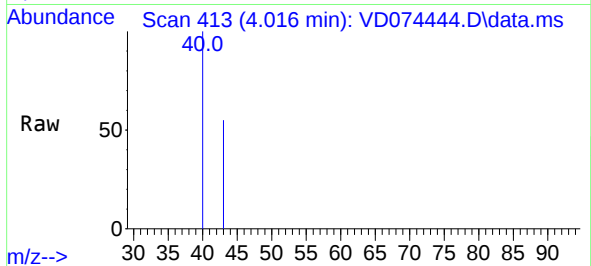




#16
Acetone
Concen: 10.795 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD074444.D
Acq: 27 Sep 2022 14:44

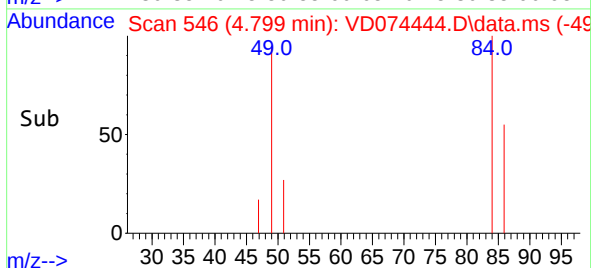
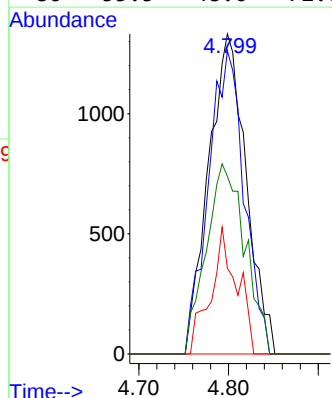
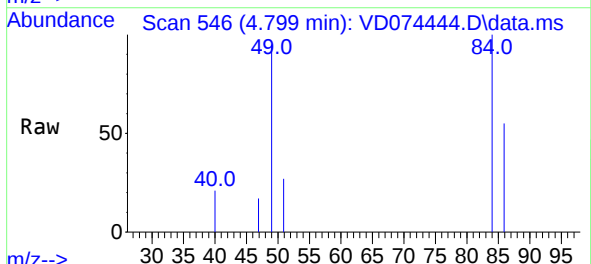
Instrument :
MSVOA_D
ClientSampleId :
RB20515

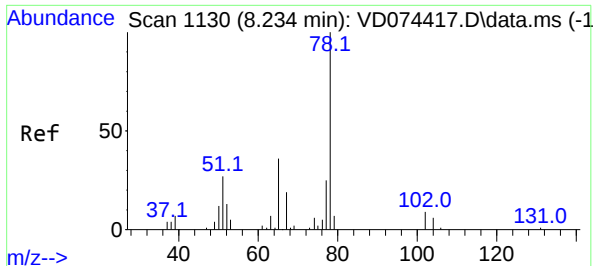
Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 26.774 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074444.D
Acq: 27 Sep 2022 14:44

Tgt Ion: 84 Resp: 3873
Ion Ratio Lower Upper
84 100
49 94.7 68.0 102.0
51 26.8 23.2 34.8
86 55.5 48.0 72.0

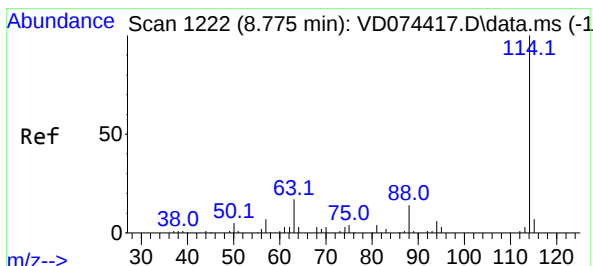
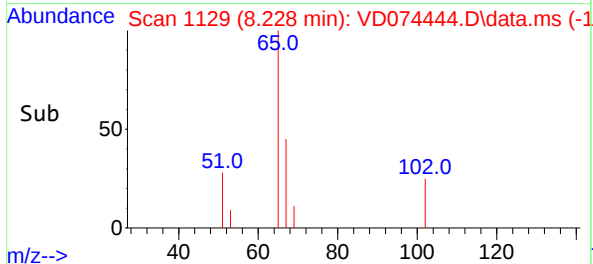
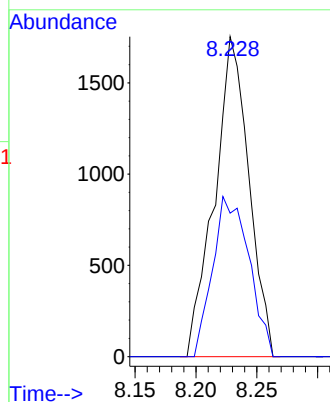
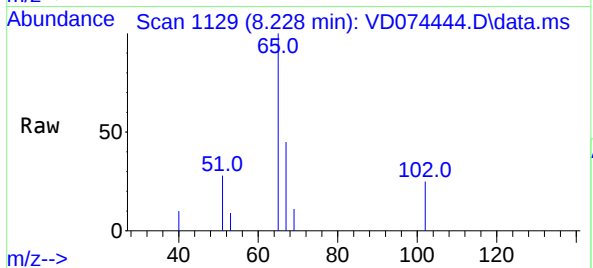




#33
 1,2-Dichloroethane-d4
 Concen: 39.480 ug/l
 RT: 8.228 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VD074444.D
 Acq: 27 Sep 2022 14:44

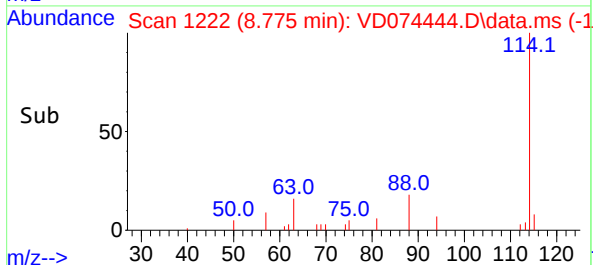
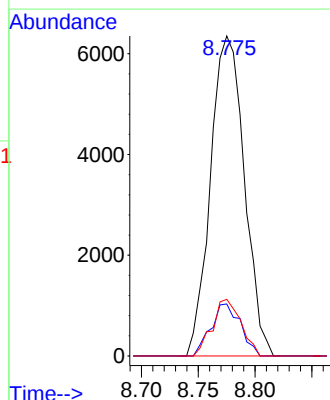
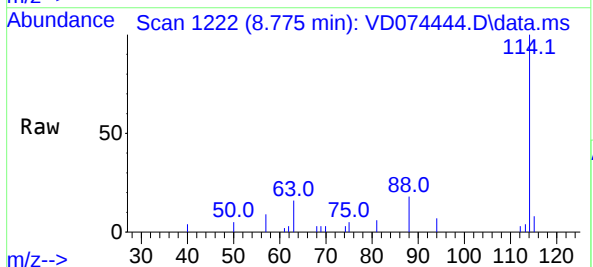
Instrument :
 MSVOA_D
 ClientSampleId :
 RB20515

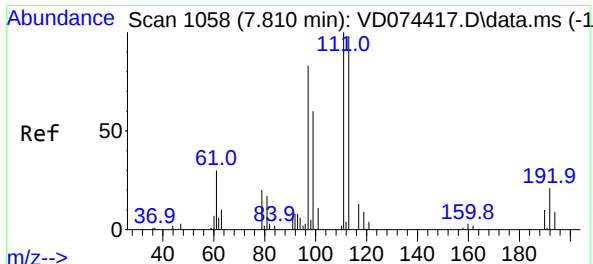
Tgt Ion: 65 Resp: 3450
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD074444.D
 Acq: 27 Sep 2022 14:44

Tgt Ion: 114 Resp: 13169
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 33.2
 88 17.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 46.852 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.011 min

Lab File: VD074444.D

Acq: 27 Sep 2022 14:44

Instrument :

MSVOA_D

ClientSampleId :

RB20515

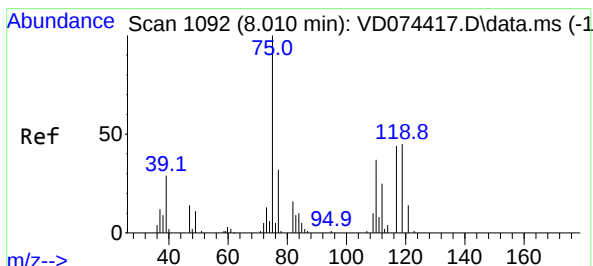
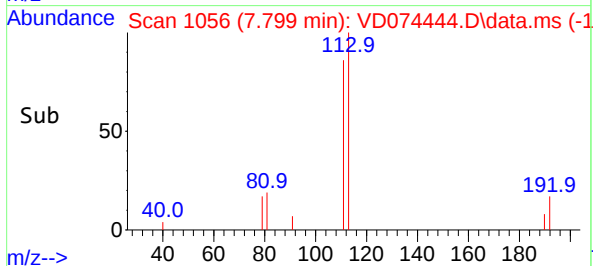
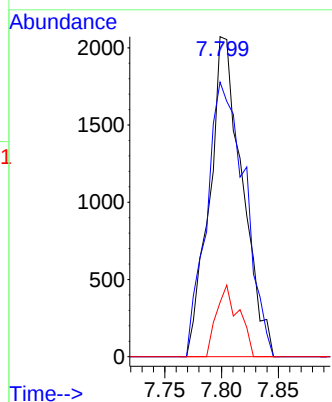
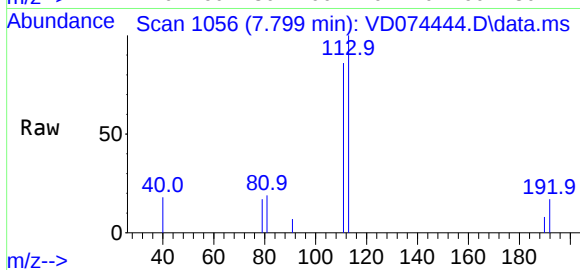
Tgt Ion:113 Resp: 4172

Ion Ratio Lower Upper

113 100

111 99.9 82.3 123.5

192 15.2 16.4 24.6#



#36

1,1-Dichloropropene

Concen: 5.026 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD074444.D

Acq: 27 Sep 2022 14:44

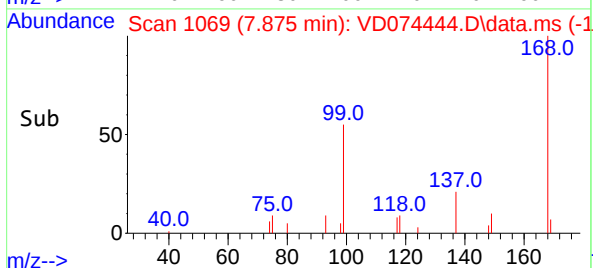
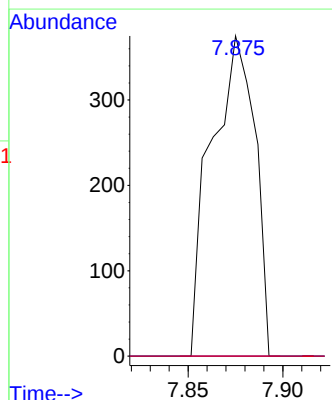
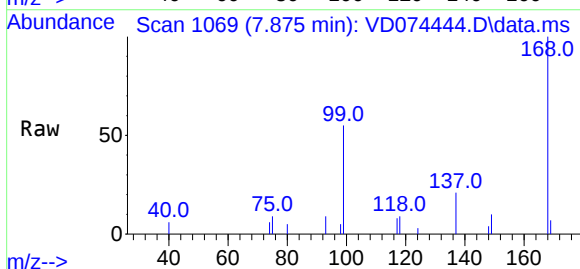
Tgt Ion: 75 Resp: 601

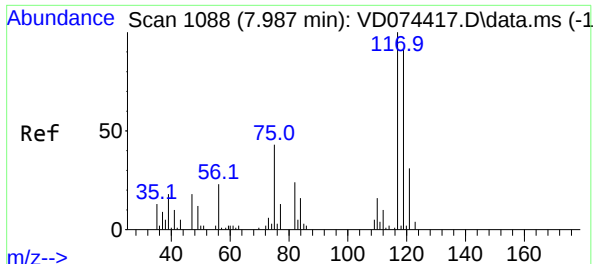
Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

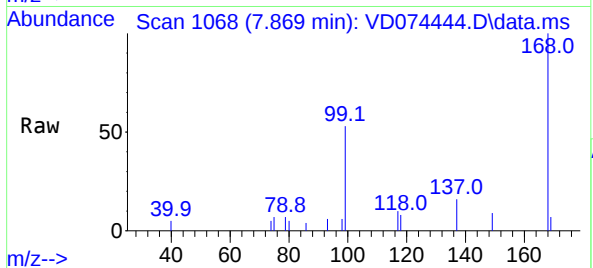
77 0.0 25.4 38.2#



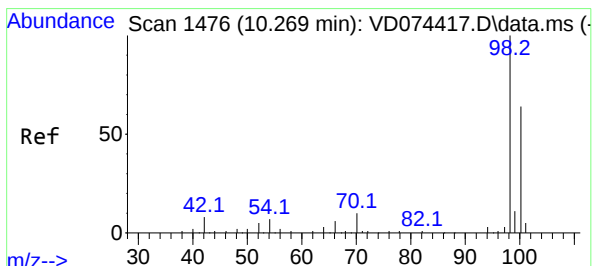
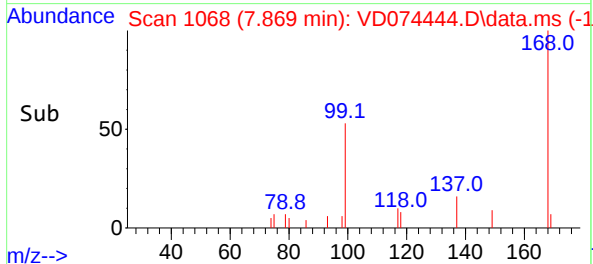
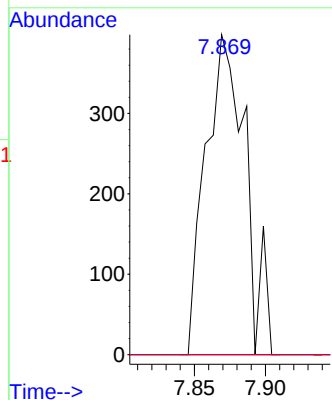


#38
Carbon Tetrachloride
Concen: 6.781 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD074444.D
Acq: 27 Sep 2022 14:44

Instrument :
MSVOA_D
ClientSampleId :
RB20515

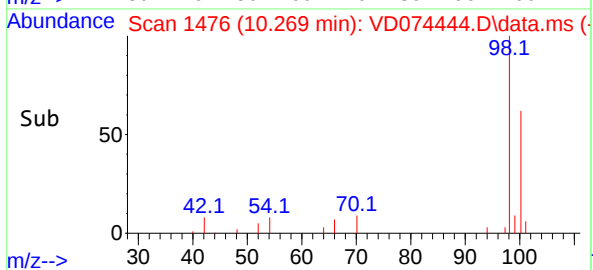
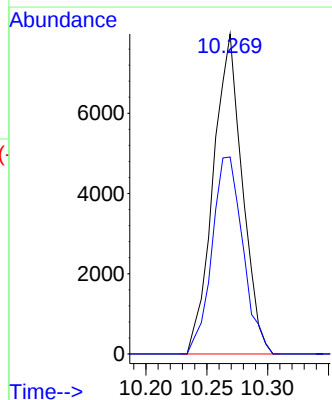
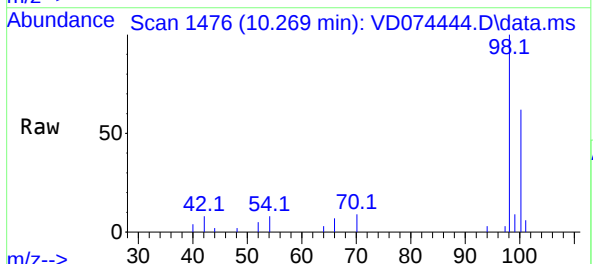


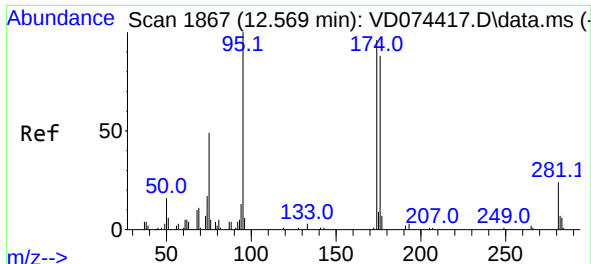
Tgt Ion:117 Resp: 776
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 44.330 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074444.D
Acq: 27 Sep 2022 14:44

Tgt Ion: 98 Resp: 13276
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0

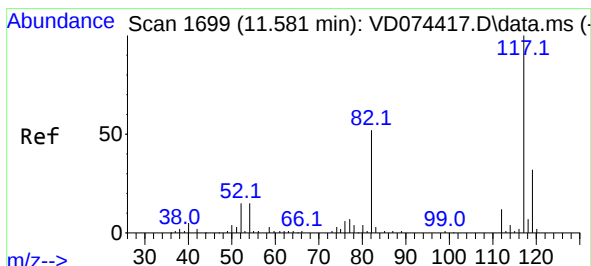
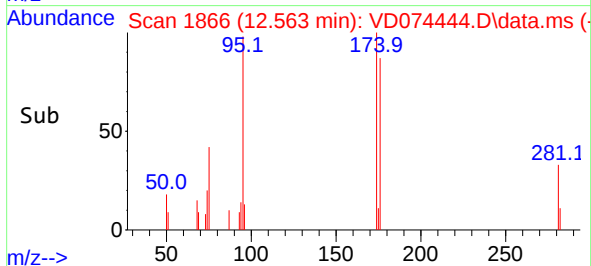
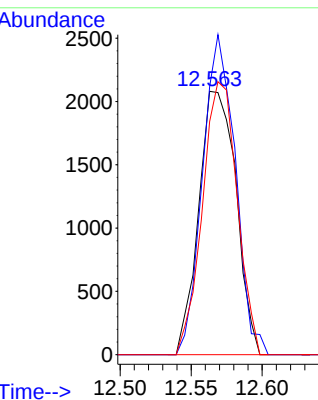
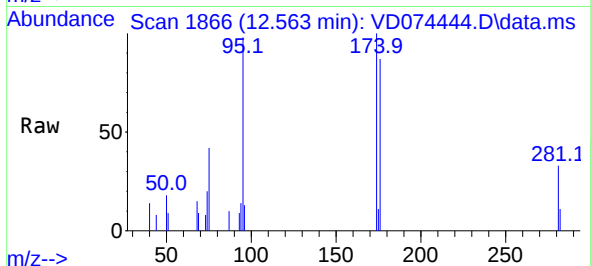




#62
4-Bromofluorobenzene
Concen: 34.488 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD074444.D
Acq: 27 Sep 2022 14:44

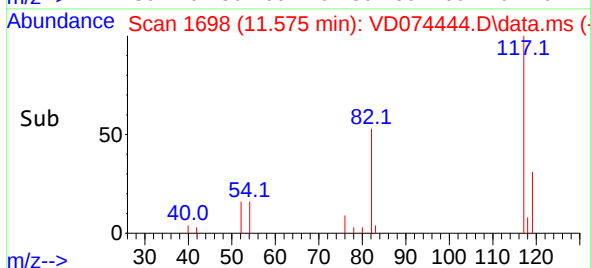
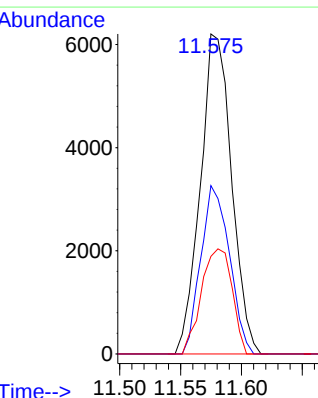
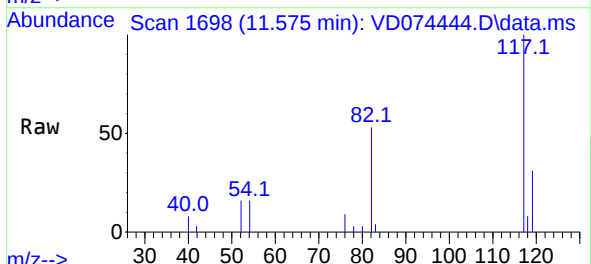
Instrument :
MSVOA_D
ClientSampleId :
RB20515

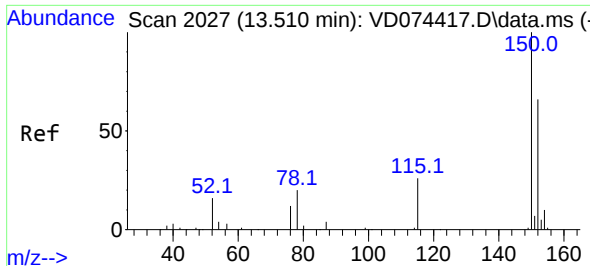
Tgt Ion:	95	Resp:	3799
Ion	Ratio	Lower	Upper
95	100		
174	106.4	0.0	197.0
176	96.5	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD074444.D
Acq: 27 Sep 2022 14:44

Tgt Ion:	117	Resp:	11072
Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.6	62.4
119	30.5	25.2	37.8

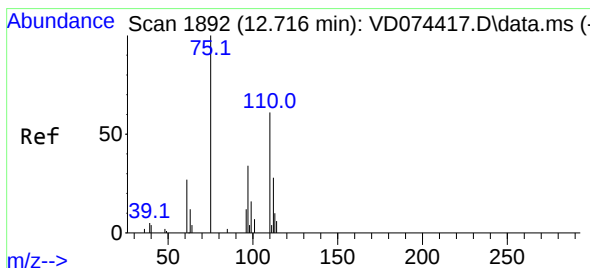
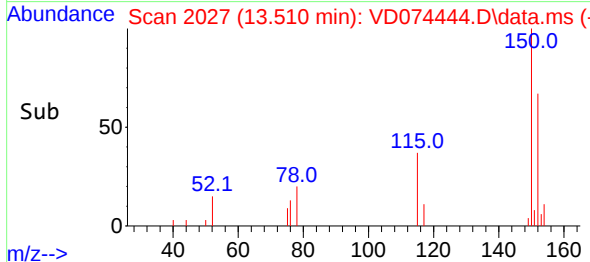
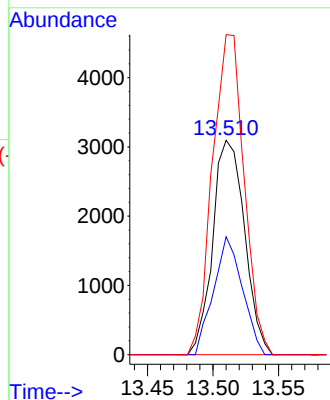
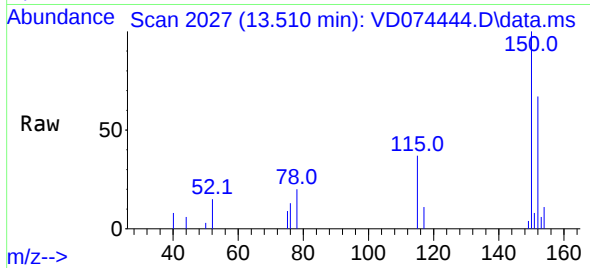




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074444.D
Acq: 27 Sep 2022 14:44

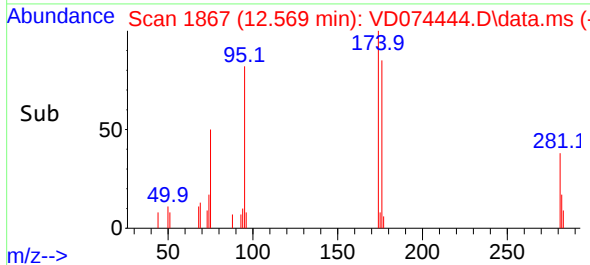
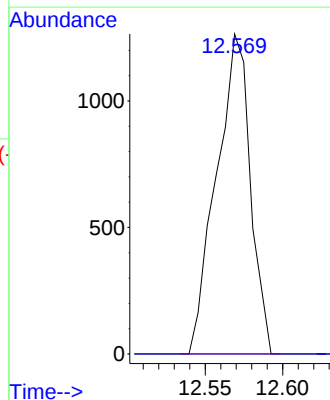
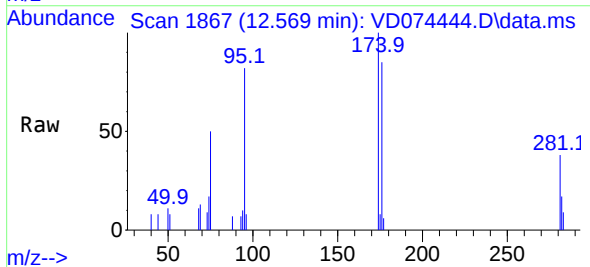
Instrument :
MSVOA_D
ClientSampleId :
RB20515

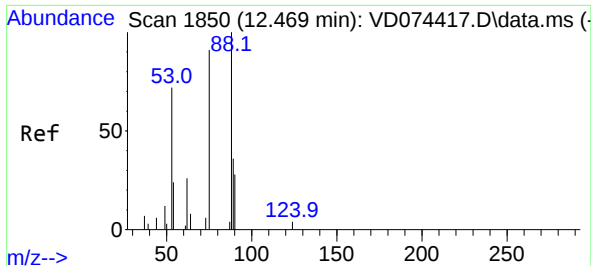
Tgt Ion:152 Resp: 5230
Ion Ratio Lower Upper
152 100
115 49.7 26.8 80.4
150 148.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 46.937 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074444.D
Acq: 27 Sep 2022 14:44

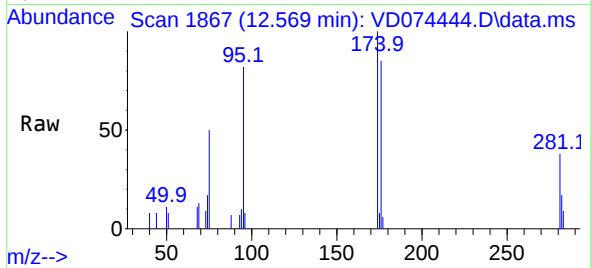
Tgt Ion: 75 Resp: 1920
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.536 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074444.D
 Acq: 27 Sep 2022 14:44

Instrument :
 MSVOA_D
 ClientSampleId :
 RB20515



Tgt Ion:	75	Resp:	1920
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

