

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072030.D
 Acq On : 21 Feb 2022 14:08
 Operator : VA/SY
 Sample : N1610-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-021822

Quant Time: Feb 22 00:35:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

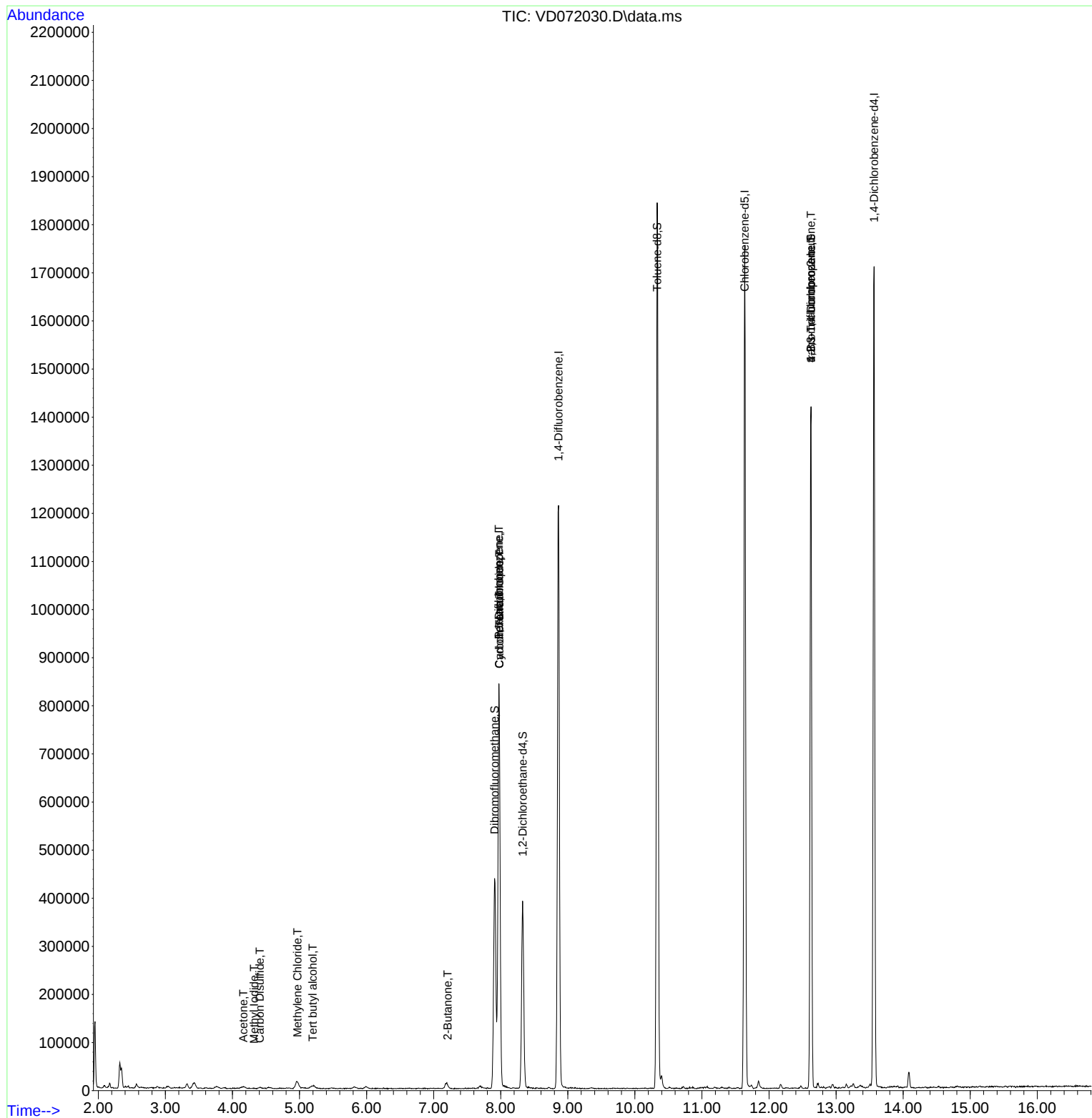
Internal Standards						
1) Pentafluorobenzene	7.973	168	609120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1050911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	985539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	452092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	305540	48.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.720%
35) Dibromofluoromethane	7.909	113	318712	50.056	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.332	98	1271638	53.855	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.720%
62) 4-Bromofluorobenzene	12.626	95	452345	52.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.300%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1106	Below Cal	#	44
10) Methyl Iodide	4.321	142	792	3.032	ug/l #	59
11) Tert butyl alcohol	5.197	59	4982	13.819	ug/l #	91
16) Acetone	4.162	43	4569	3.346	ug/l	91
17) Carbon Disulfide	4.409	76	5621	1.019	ug/l	97
18) Methyl Acetate	4.721	43	586	Below Cal	#	52
20) Methylene Chloride	4.968	84	11593	1.706	ug/l #	84
25) 2-Butanone	7.209	43	2297	1.217	ug/l	97
31) Cyclohexane	7.979	56	15516	1.390	ug/l #	23
36) 1,1-Dichloropropene	7.973	75	48417	5.020	ug/l #	49
38) Carbon Tetrachloride	7.979	117	62744	6.347	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	233791	54.594	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	233791	136.716	ug/l #	10

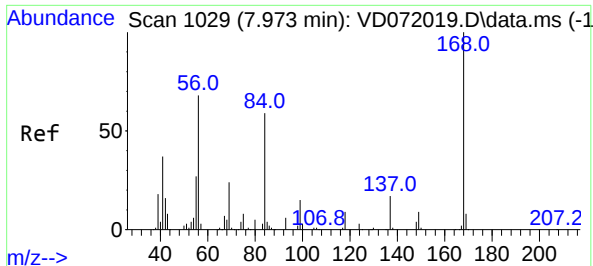
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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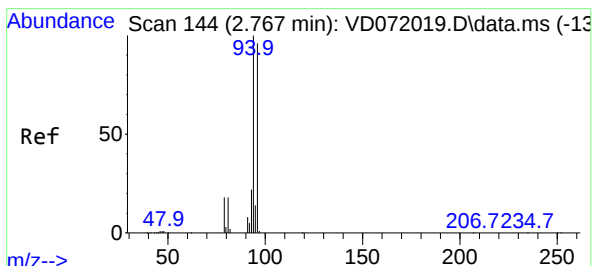
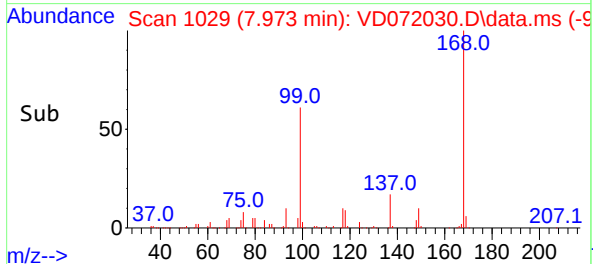
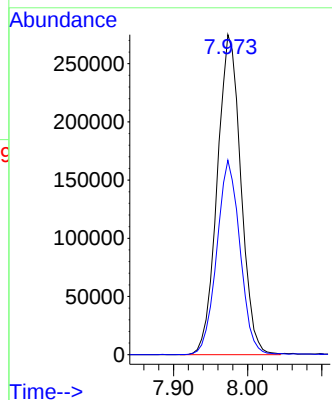
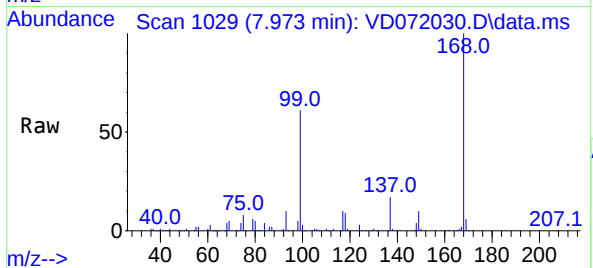




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

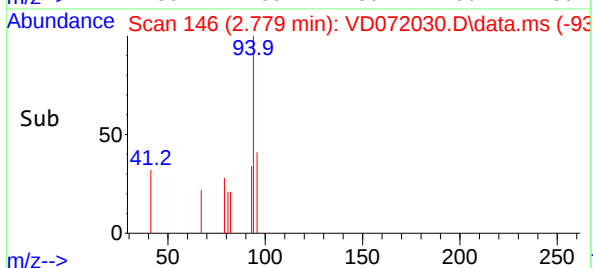
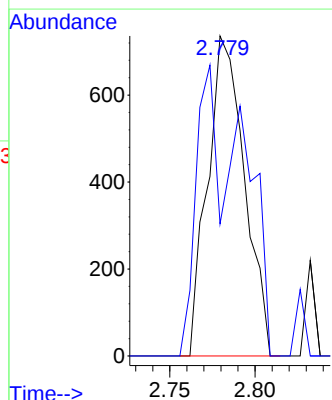
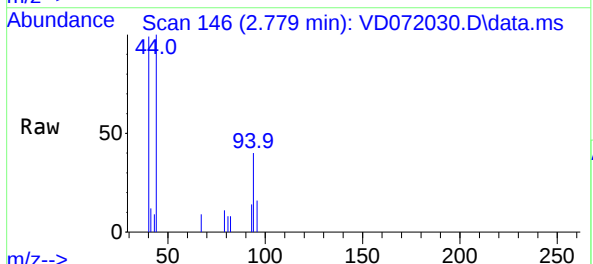
Instrument :
MSVOA_D
ClientSampleId :
TR-05-021822

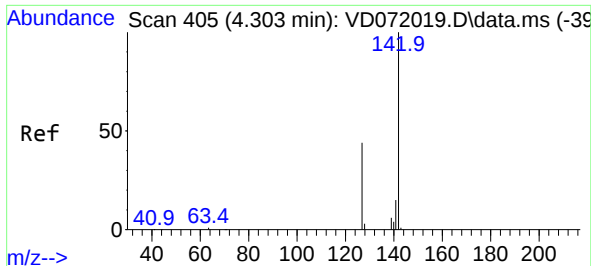
Tgt Ion:168 Resp: 609120
Ion Ratio Lower Upper
168 100
99 60.7 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

Tgt Ion: 94 Resp: 1106
Ion Ratio Lower Upper
94 100
96 41.3 76.8 115.2#

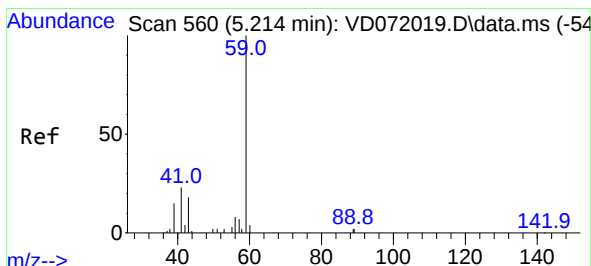
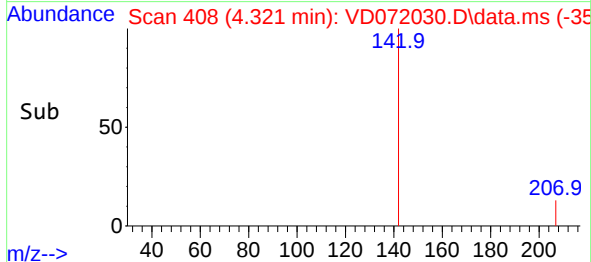
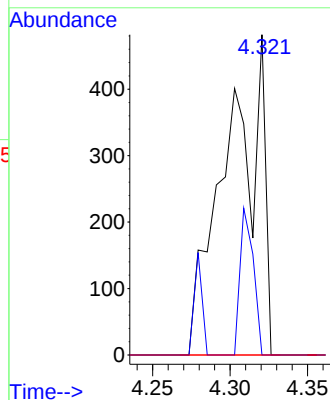
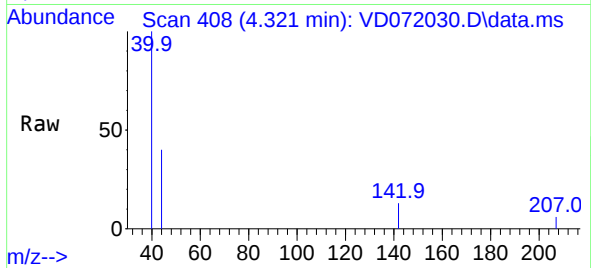




#10
Methyl Iodide
Concen: 3.032 ug/l
RT: 4.321 min Scan# 40
Delta R.T. 0.018 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

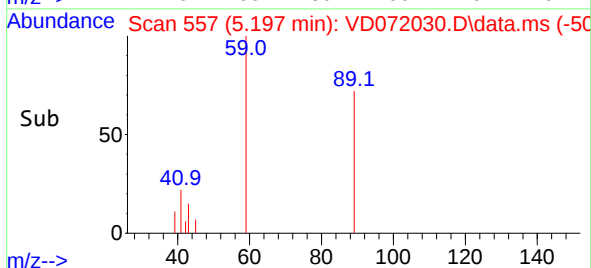
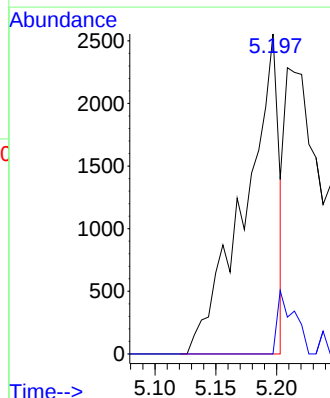
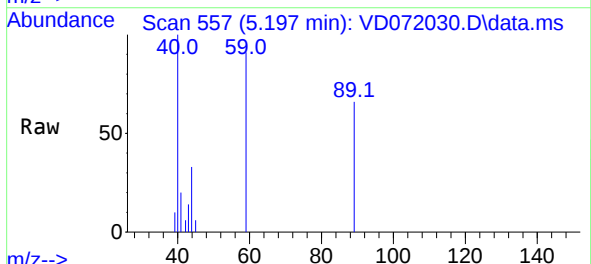
Instrument :
MSVOA_D
ClientSampleId :
TR-05-021822

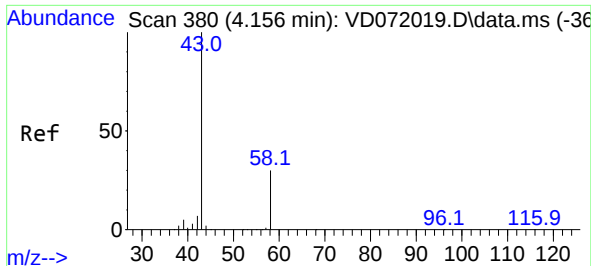
Tgt Ion:142 Resp: 792
Ion Ratio Lower Upper
142 100
127 16.7 35.8 53.8#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 13.819 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.017 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

Tgt Ion: 59 Resp: 4982
Ion Ratio Lower Upper
59 100
57 9.7 5.4 8.2#

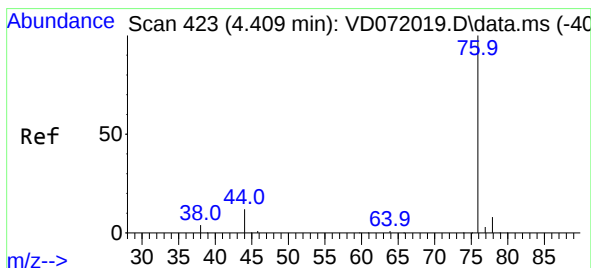
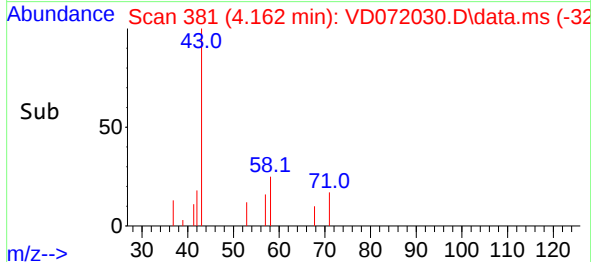
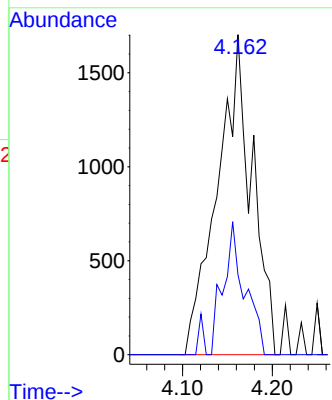
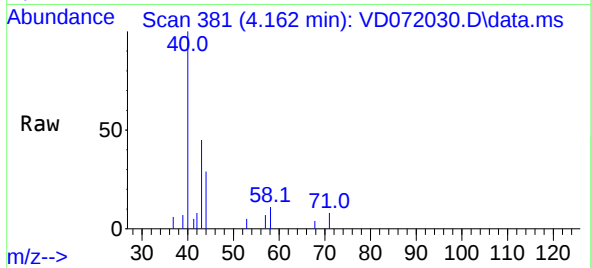




#16
Acetone
Concen: 3.346 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

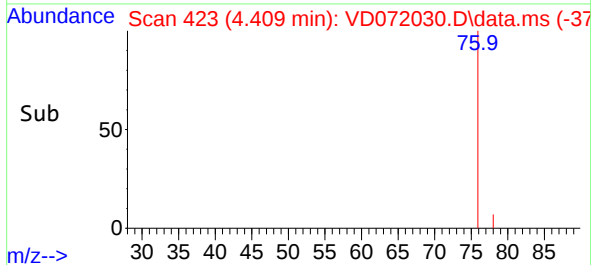
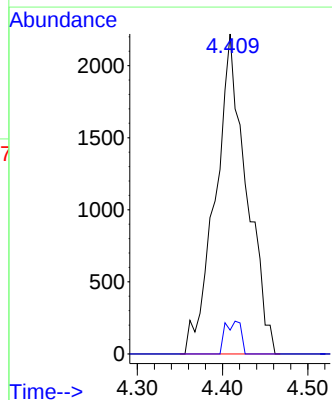
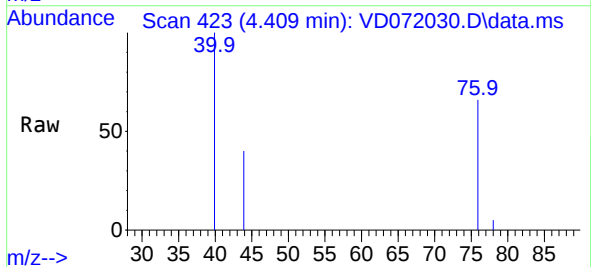
Instrument :
MSVOA_D
ClientSampleId :
TR-05-021822

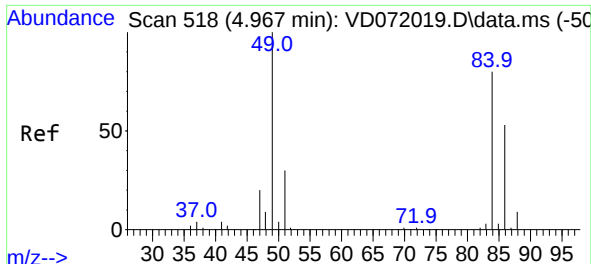
Tgt Ion: 43 Resp: 4569
Ion Ratio Lower Upper
43 100
58 25.0 23.8 35.6



#17
Carbon Disulfide
Concen: 1.019 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

Tgt Ion: 76 Resp: 5621
Ion Ratio Lower Upper
76 100
78 7.4 6.7 10.1



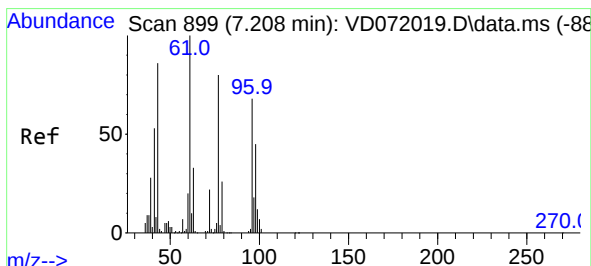
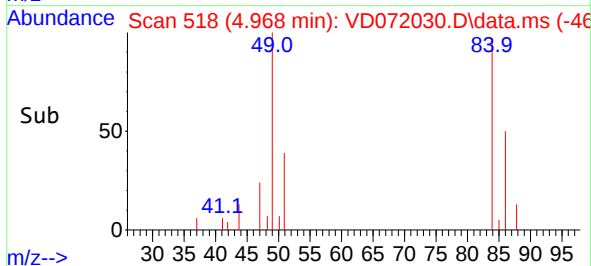
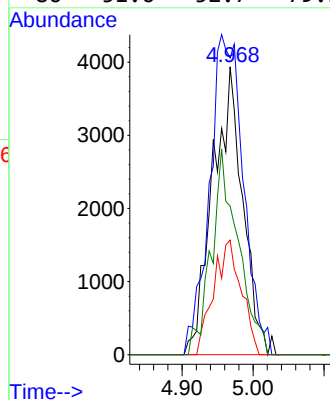
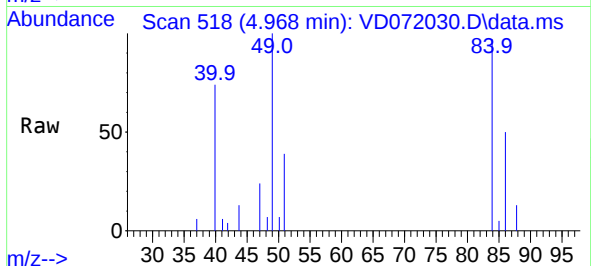


#20
Methylene Chloride
Concen: 1.706 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

Instrument :
MSVOA_D
ClientSampleId :
TR-05-021822

Tgt Ion: 84 Resp: 11593

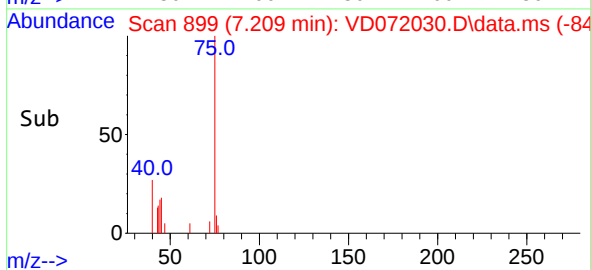
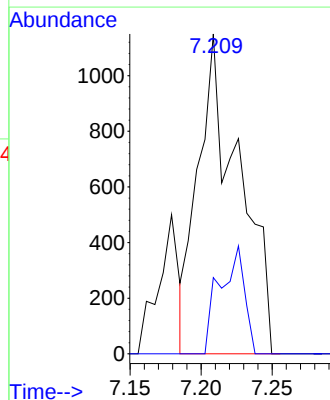
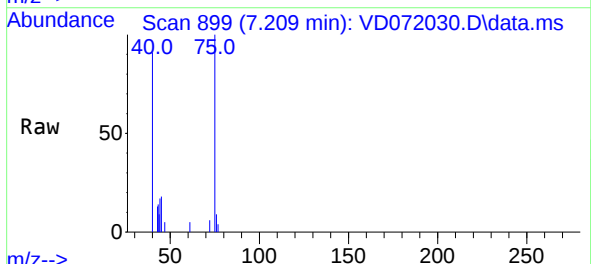
Ion	Ratio	Lower	Upper
84	100		
49	103.1	100.0	150.0
51	39.8	30.2	45.4
86	51.6	52.7	79.1#

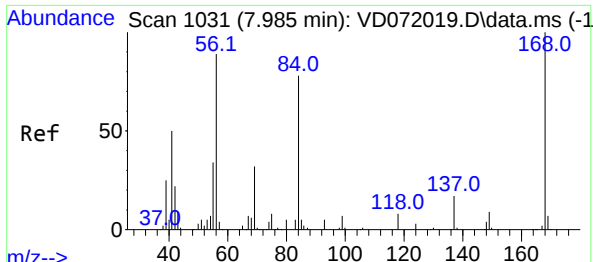


#25
2-Butanone
Concen: 1.217 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

Tgt Ion: 43 Resp: 2297

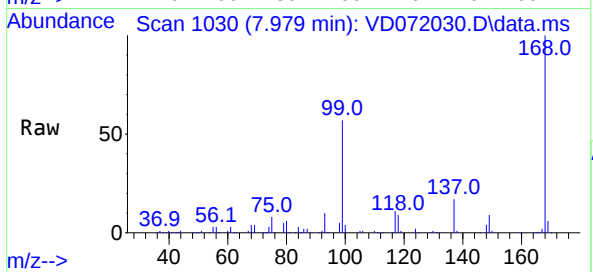
Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.3	30.5



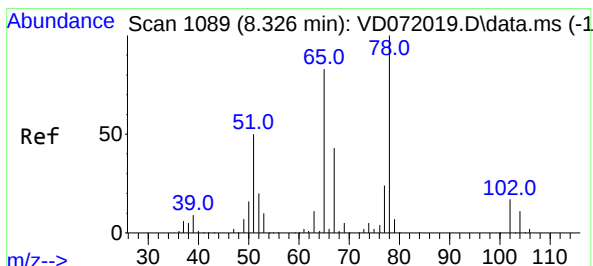
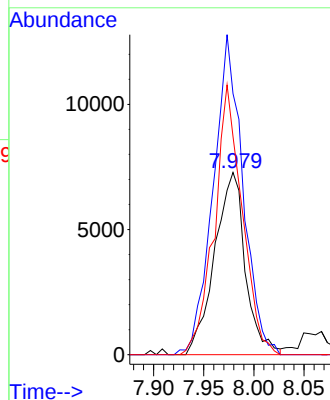
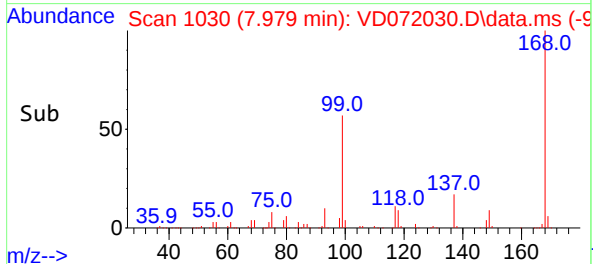


#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

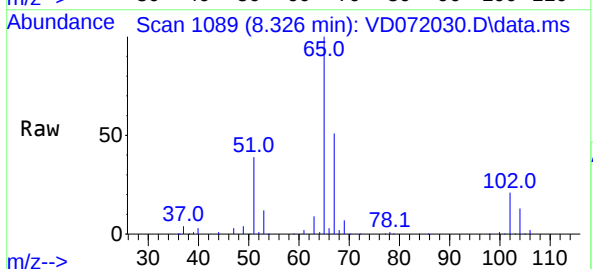
Instrument :
MSVOA_D
ClientSampleId :
TR-05-021822



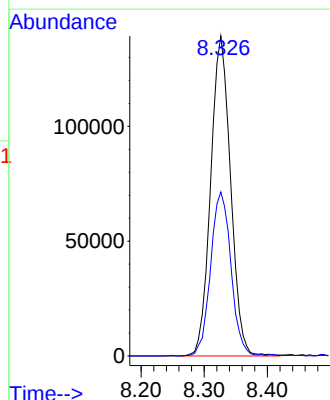
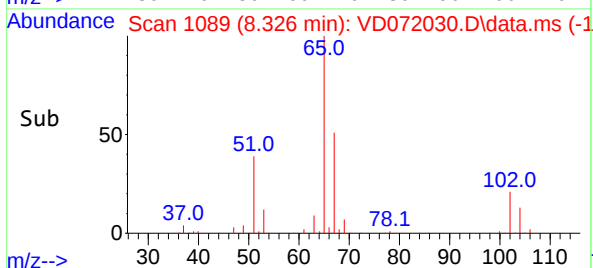
Tgt Ion: 56 Resp: 15516
Ion Ratio Lower Upper
56 100
69 143.3 28.9 43.3#
84 119.8 70.6 105.8#

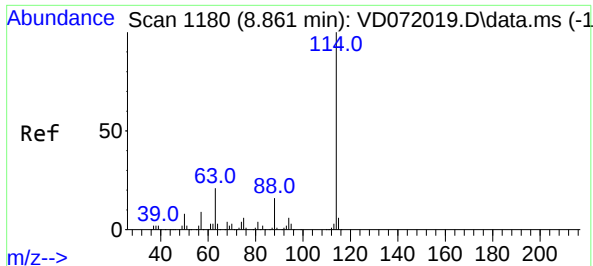


#33
1,2-Dichloroethane-d4
Concen: 48.357 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08



Tgt Ion: 65 Resp: 305540
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072030.D

Acq: 21 Feb 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

TR-05-021822

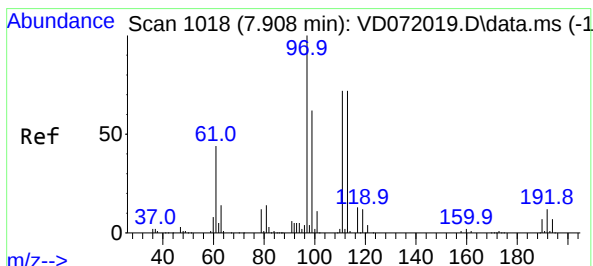
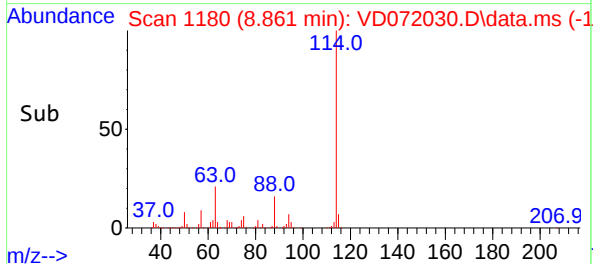
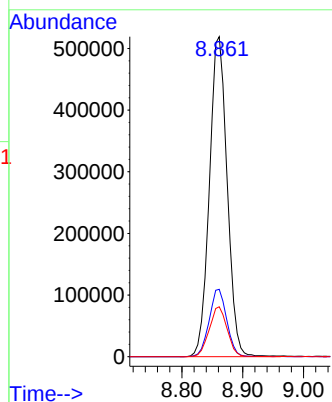
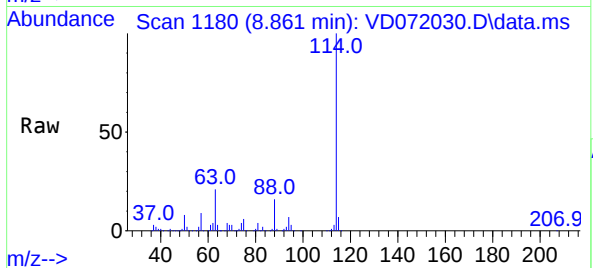
Tgt Ion:114 Resp: 1050911

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.2

88 15.6 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.056 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072030.D

Acq: 21 Feb 2022 14:08

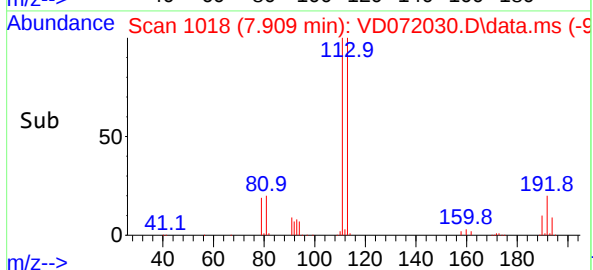
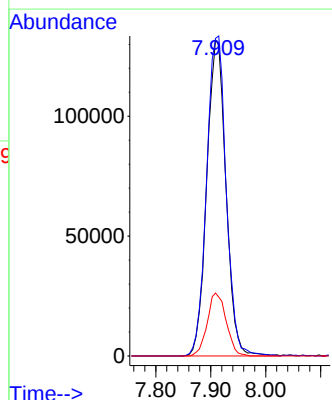
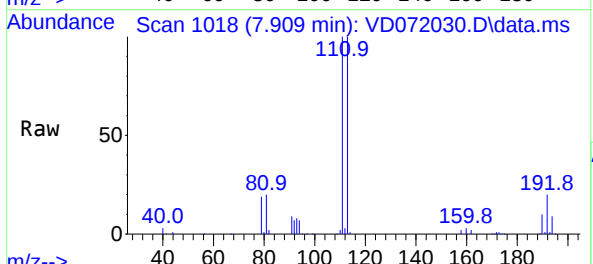
Tgt Ion:113 Resp: 318712

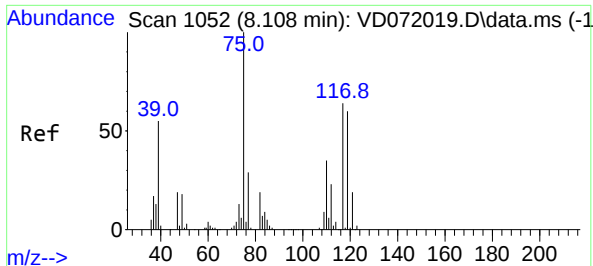
Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

192 19.7 15.3 22.9

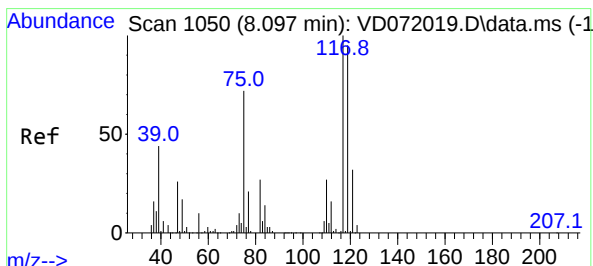
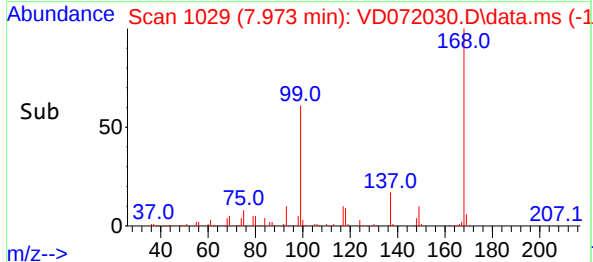
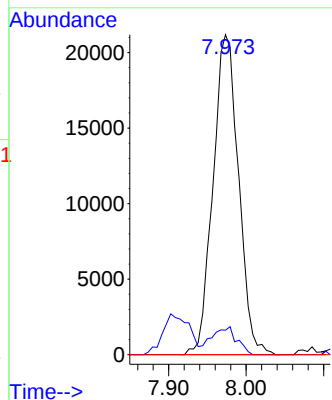
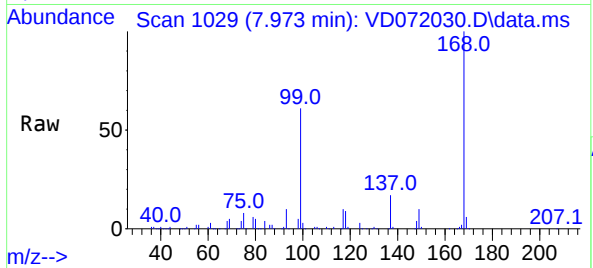




#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

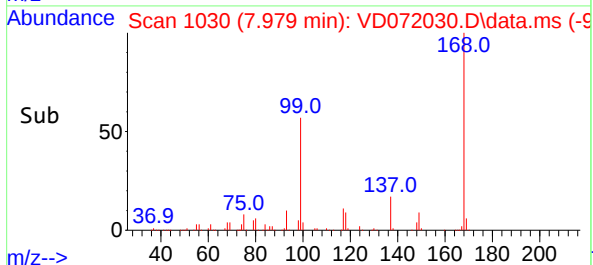
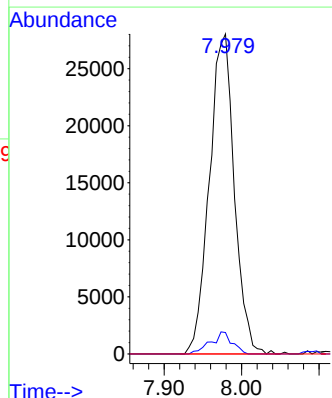
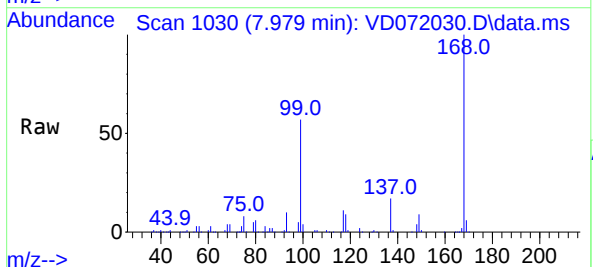
Instrument :
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TR-05-021822

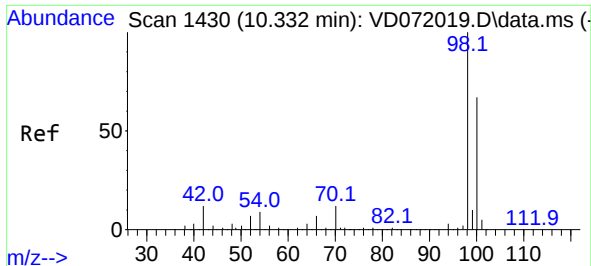
Tgt Ion: 75 Resp: 48417
Ion Ratio Lower Upper
75 100
110 8.3 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.347 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

Tgt Ion: 117 Resp: 62744
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.8#
121 0.0 25.8 38.6#

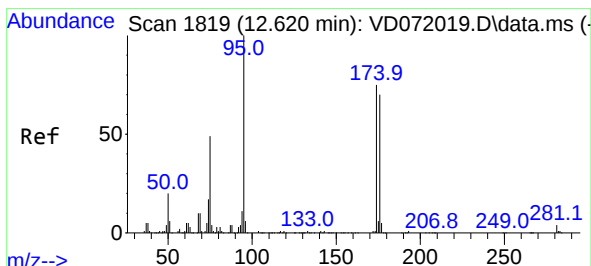
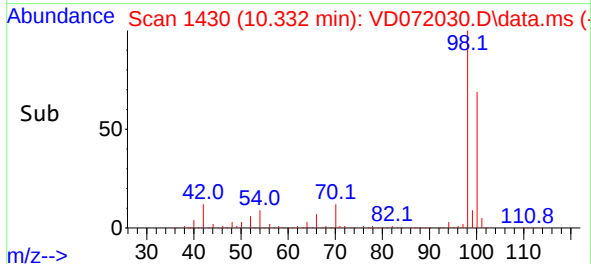
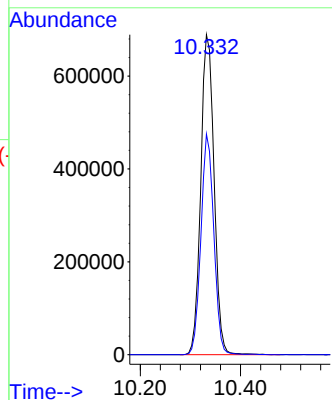
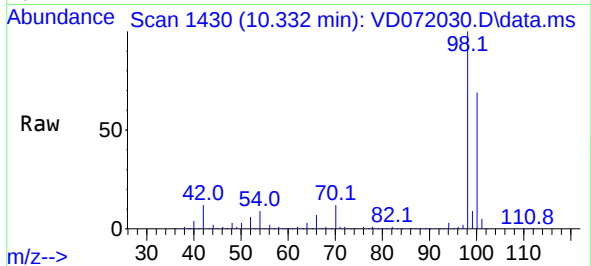




#50
Toluene-d8
Concen: 53.855 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

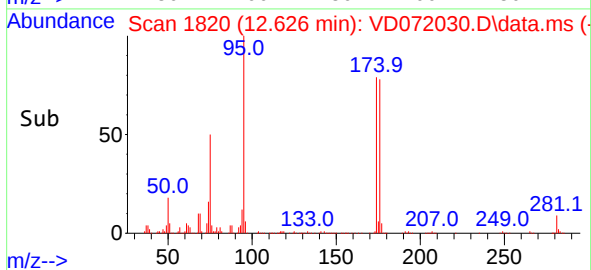
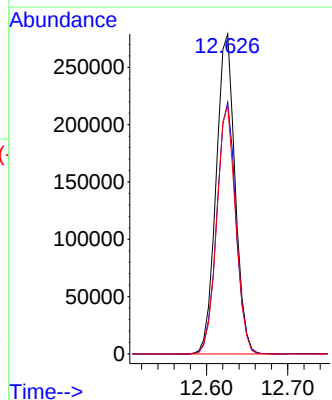
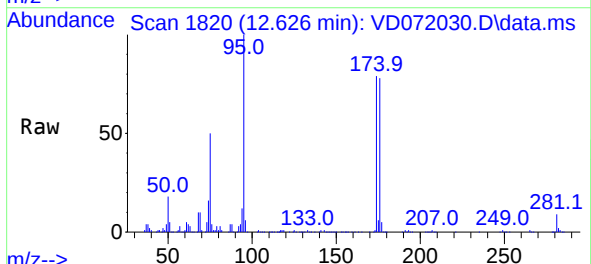
Instrument :
MSVOA_D
ClientSampleId :
TR-05-021822

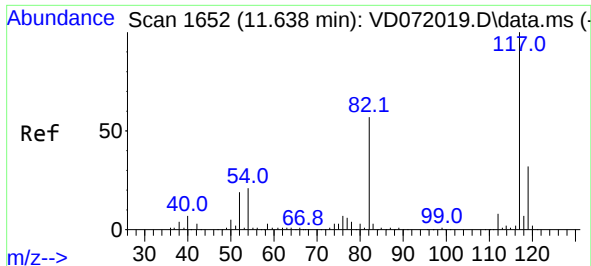
Tgt Ion: 98 Resp: 1271638
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 52.153 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

Tgt Ion: 95 Resp: 452345
Ion Ratio Lower Upper
95 100
174 79.1 0.0 155.0
176 77.3 0.0 148.8

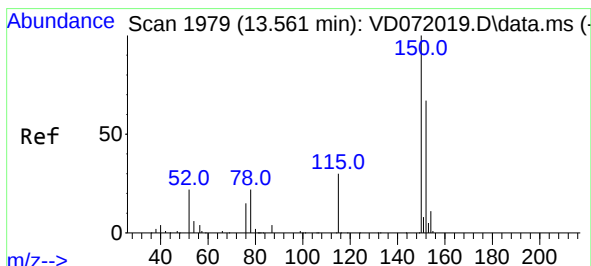
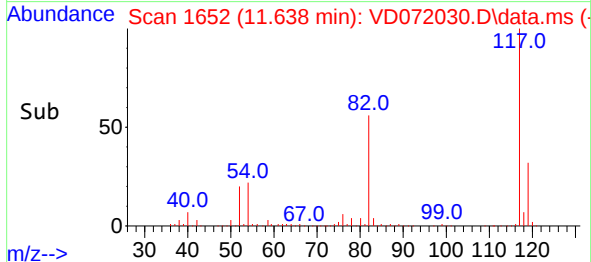
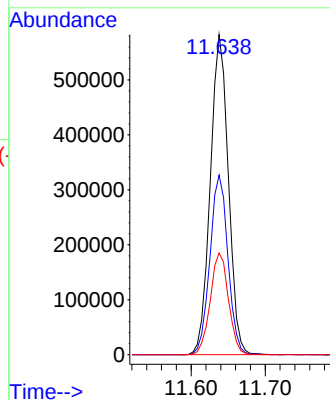
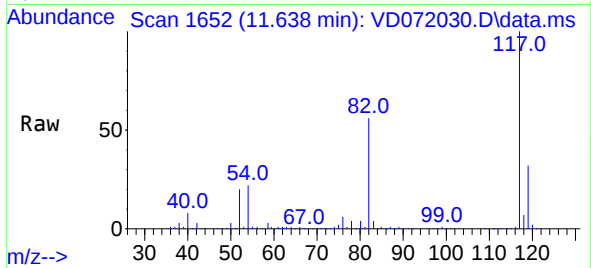




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

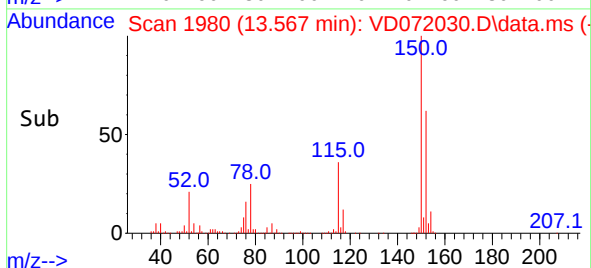
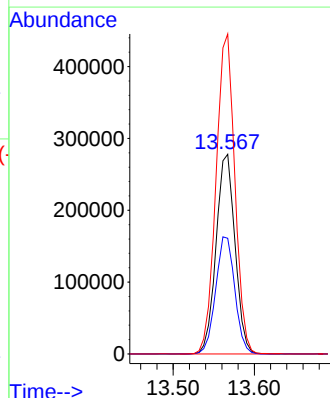
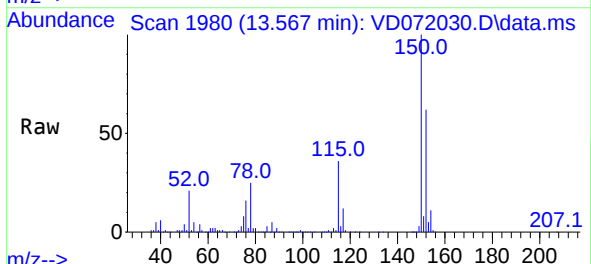
Instrument :
MSVOA_D
ClientSampleId :
TR-05-021822

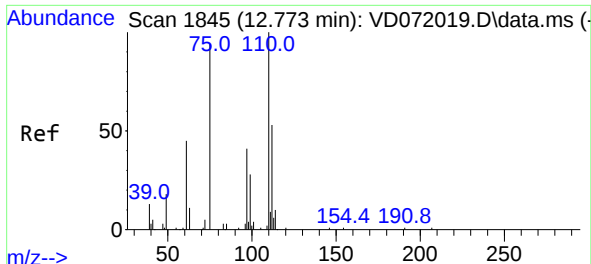
Tgt Ion:117 Resp: 985539
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

Tgt Ion:152 Resp: 452092
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 159.1 0.0 347.6

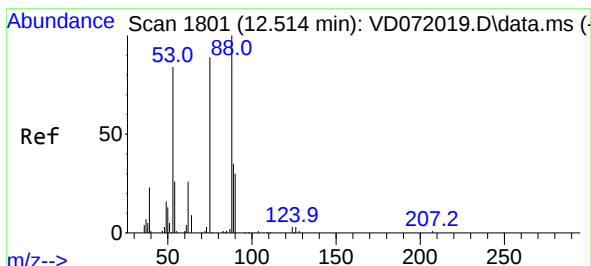
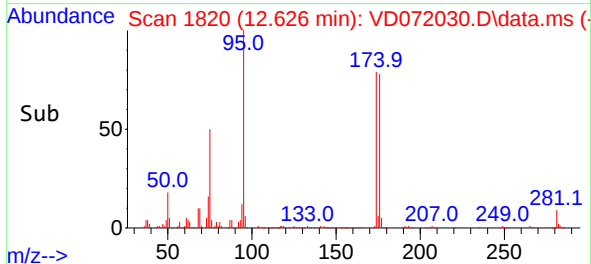
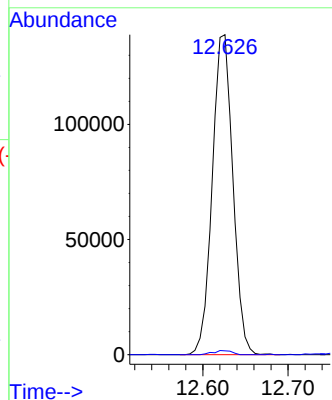
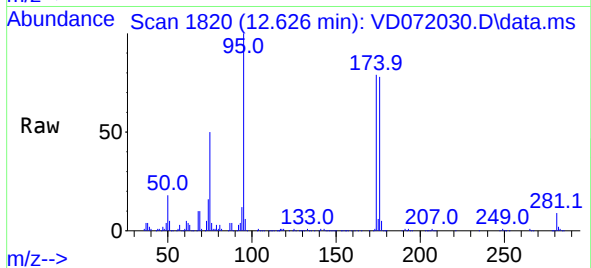




#76
1,2,3-Trichloropropane
Concen: 54.594 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

Instrument :
MSVOA_D
ClientSampleId :
TR-05-021822

Tgt Ion: 75 Resp: 233791
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.716 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072030.D
Acq: 21 Feb 2022 14:08

Tgt Ion: 75 Resp: 233791
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.4 36.4 54.6#

