

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072127.D
 Acq On : 28 Feb 2022 17:22
 Operator : VA/SY
 Sample : N1711-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-022822

Quant Time: Mar 01 08:13:58 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)

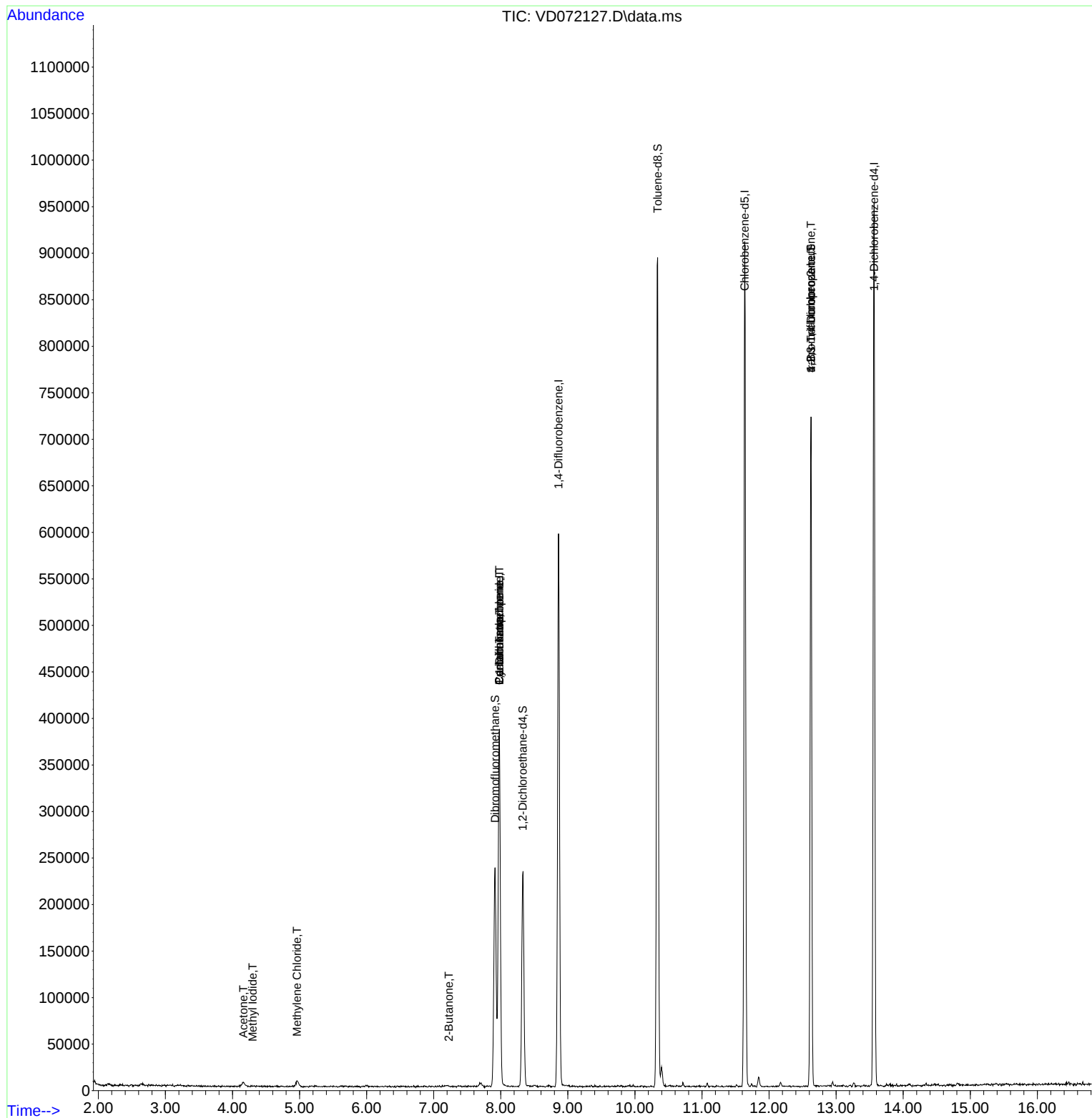
Internal Standards						
1) Pentafluorobenzene	7.979	168	280174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	495798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	516277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	256450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	185644	63.878	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.760%			
35) Dibromofluoromethane	7.914	113	170535	56.771	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.540%			
50) Toluene-d8	10.337	98	618616	55.533	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.060%			
62) 4-Bromofluorobenzene	12.626	95	243308	59.461	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.920%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	511	Below Cal	#	53
10) Methyl Iodide	4.302	142	602	3.102	ug/l #	54
16) Acetone	4.161	43	8734	13.906	ug/l	99
18) Methyl Acetate	4.538	43	78	Below Cal	#	52
20) Methylene Chloride	4.961	84	4739	1.516	ug/l #	74
25) 2-Butanone	7.226	43	1136	1.309	ug/l #	70
31) Cyclohexane	7.979	56	6966	1.357	ug/l #	5
36) 1,1-Dichloropropene	7.979	75	22551	4.956	ug/l #	47
38) Carbon Tetrachloride	7.979	117	28499	6.111	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	125981	51.862	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	125981	129.874	ug/l #	10

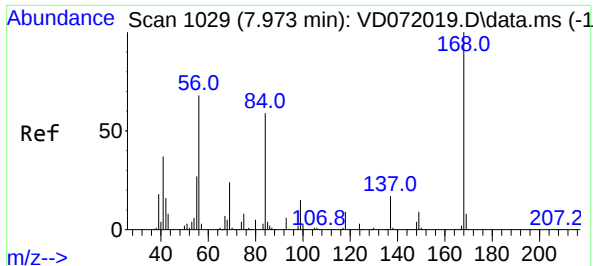
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

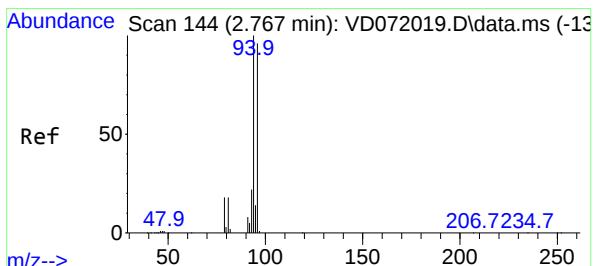
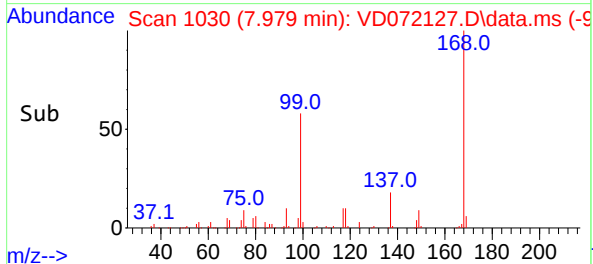
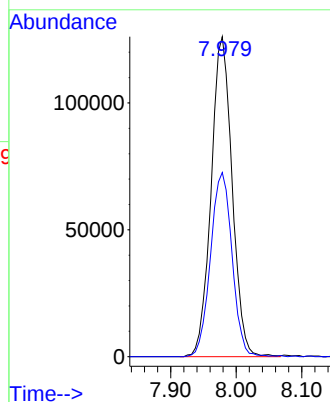
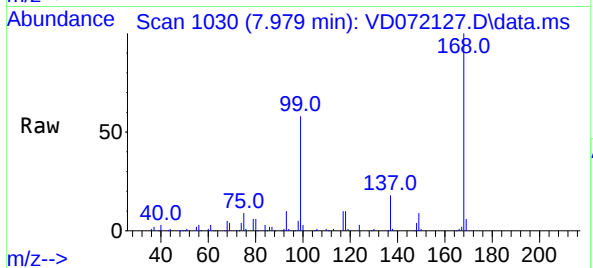




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

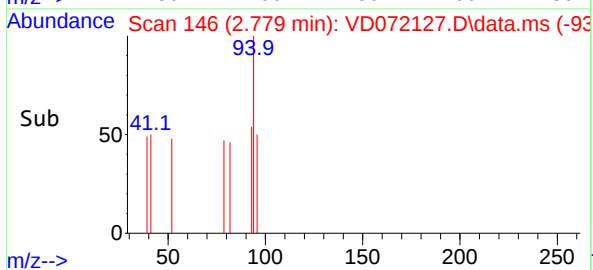
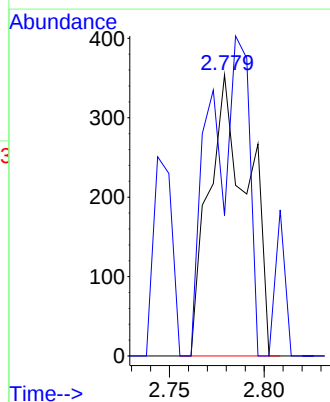
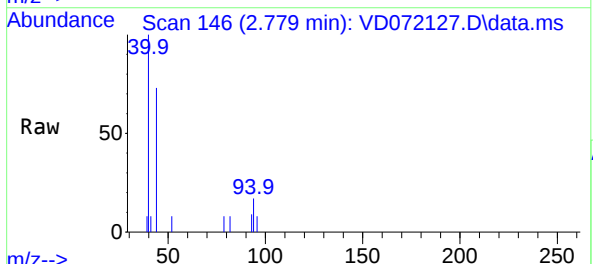
Instrument :
MSVOA_D
ClientSampleId :
NB-07-022822

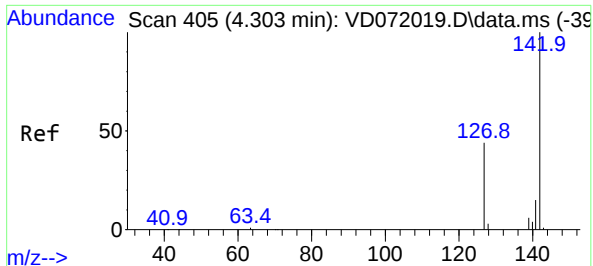
Tgt Ion:168 Resp: 280174
Ion Ratio Lower Upper
168 100
99 57.5 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 50.0 76.8 115.2#

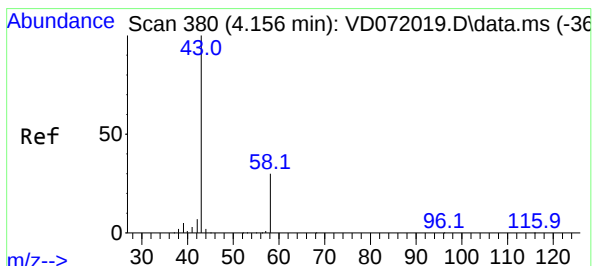
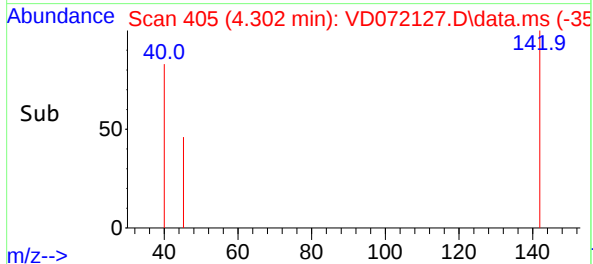
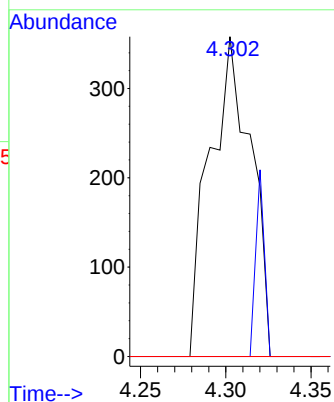
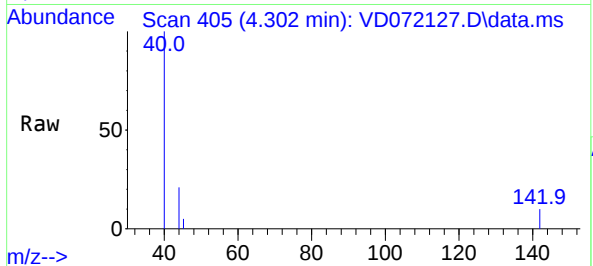




#10
Methyl Iodide
Concen: 3.102 ug/l
RT: 4.302 min Scan# 40
Delta R.T. -0.001 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

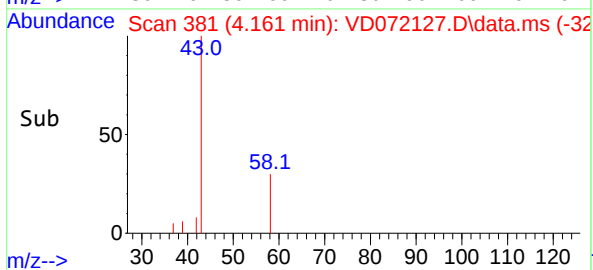
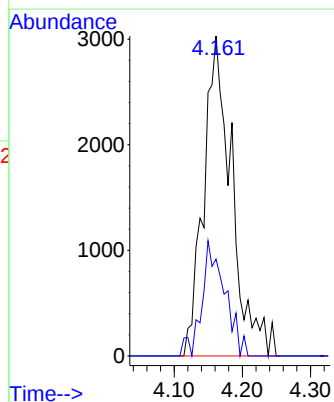
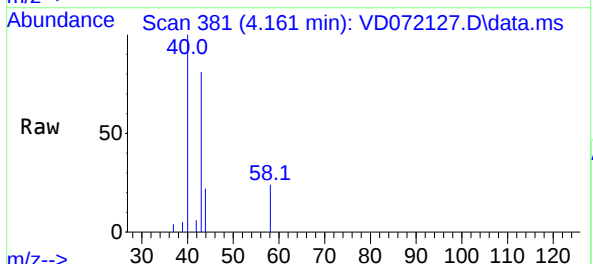
Instrument :
MSVOA_D
ClientSampleId :
NB-07-022822

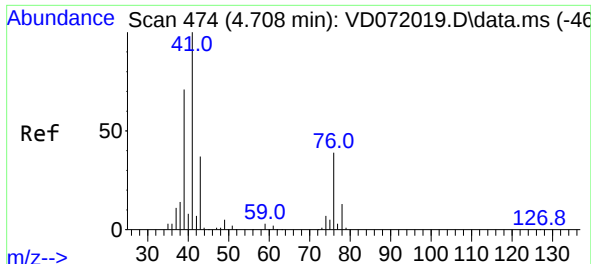
Tgt Ion:142 Resp: 602
Ion Ratio Lower Upper
142 100
127 12.3 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 13.906 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

Tgt Ion: 43 Resp: 8734
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.6





#18

Methyl Acetate

Concen: Below Cal

RT: 4.538 min Scan# 445

Delta R.T. -0.170 min

Lab File: VD072127.D

Acq: 28 Feb 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

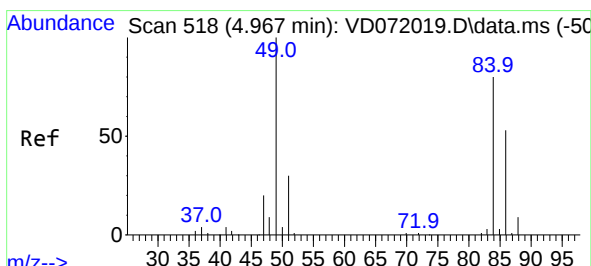
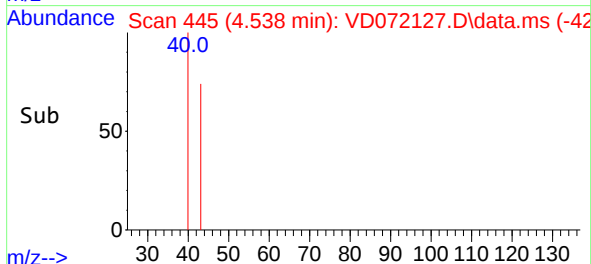
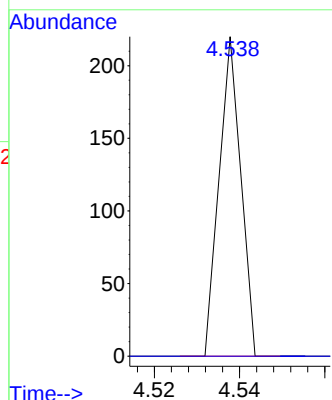
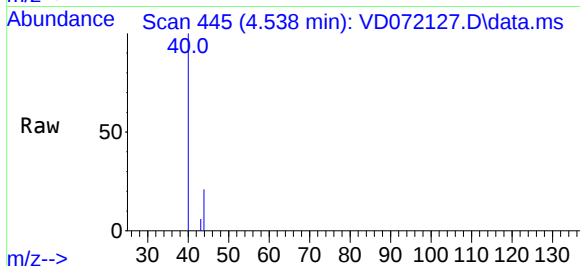
NB-07-022822

Tgt Ion: 43 Resp: 78

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#20

Methylene Chloride

Concen: 1.516 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.006 min

Lab File: VD072127.D

Acq: 28 Feb 2022 17:22

Tgt Ion: 84 Resp: 4739

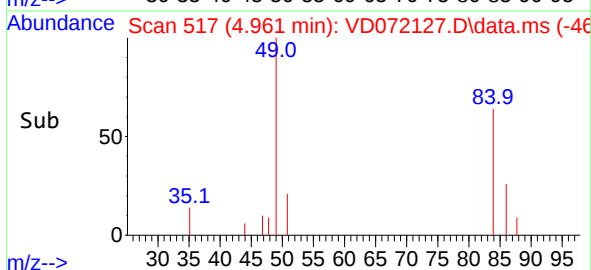
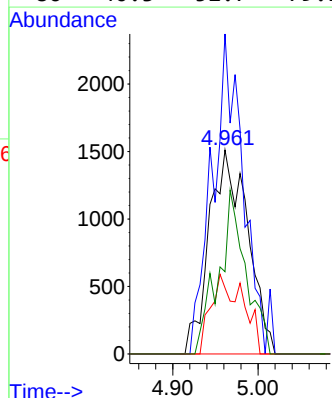
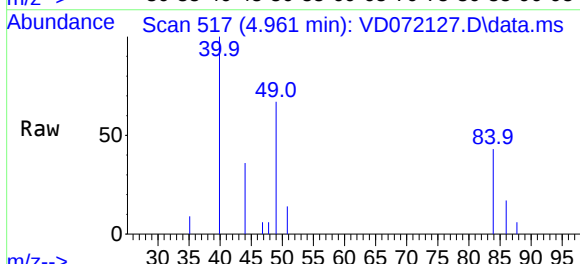
Ion Ratio Lower Upper

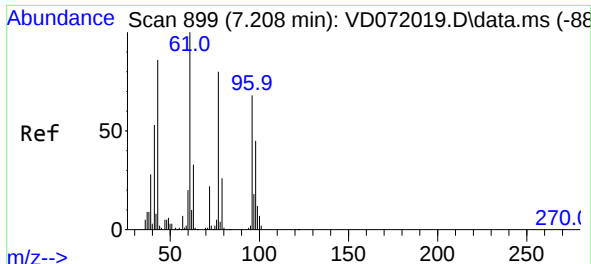
84 100

49 156.8 100.0 150.0#

51 32.4 30.2 45.4

86 40.3 52.7 79.1#

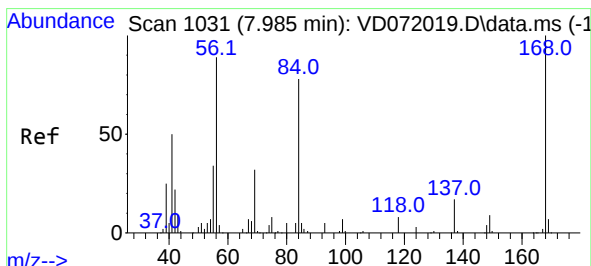
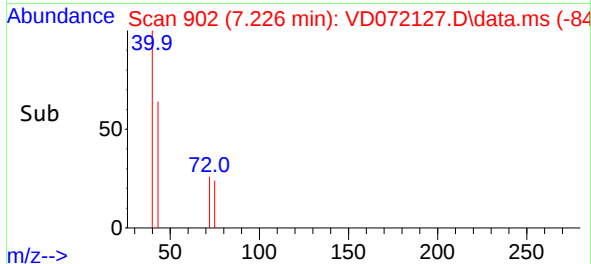
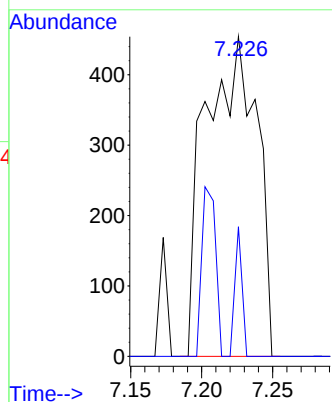
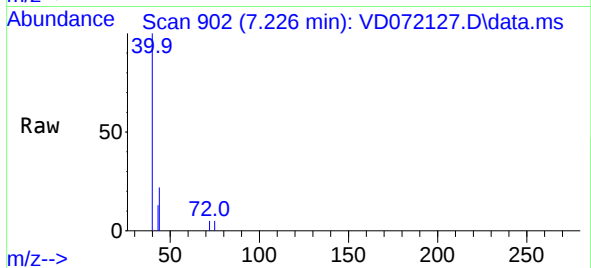




#25
2-Butanone
Concen: 1.309 ug/l
RT: 7.226 min Scan# 90
Delta R.T. 0.017 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

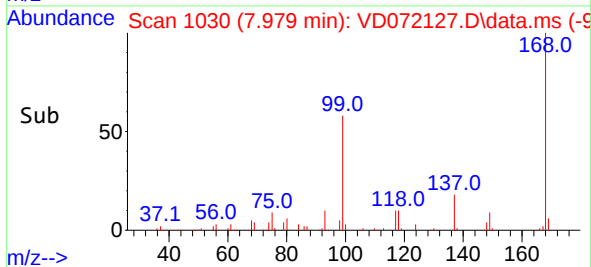
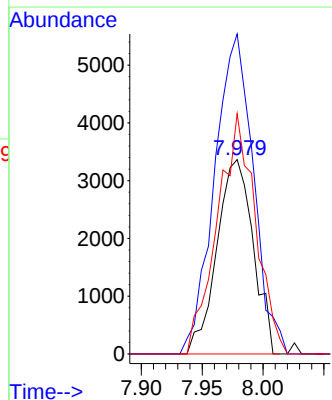
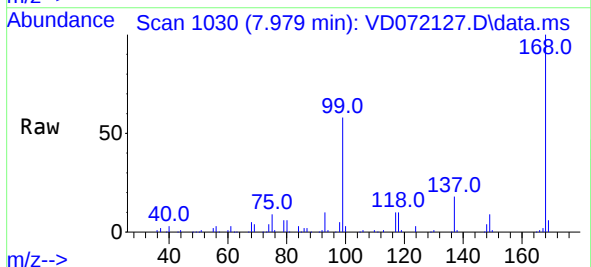
Instrument :
MSVOA_D
ClientSampleId :
NB-07-022822

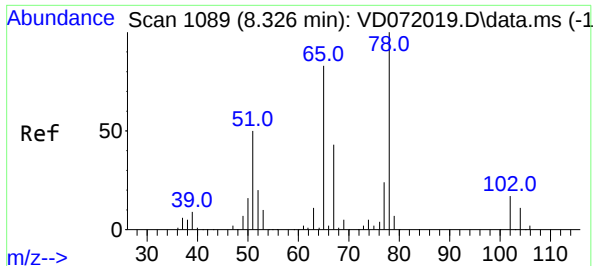
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
72 40.5 20.3 30.5#



#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

Tgt Ion: 56 Resp: 6966
Ion Ratio Lower Upper
56 100
69 164.5 28.9 43.3#
84 129.1 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: 63.878 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072127.D

Acq: 28 Feb 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

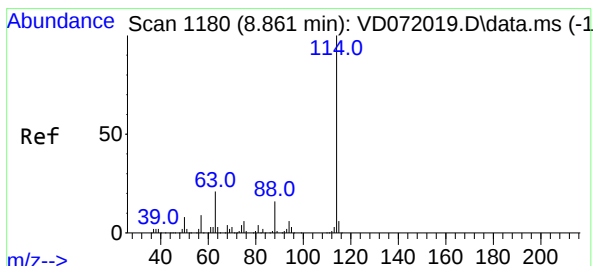
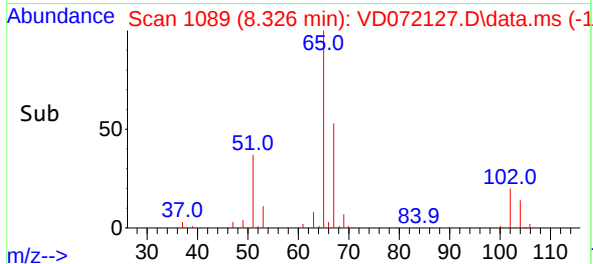
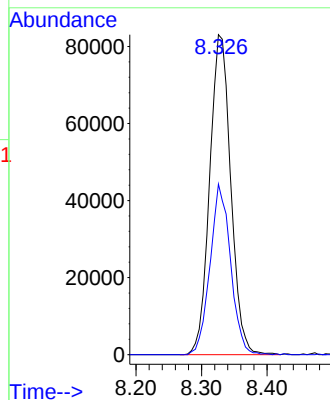
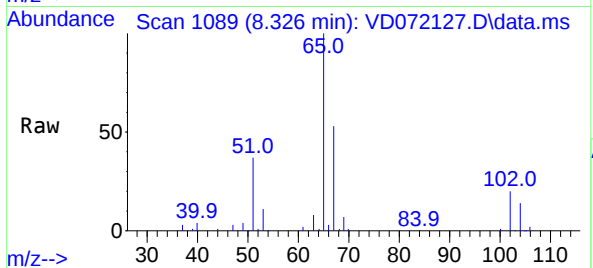
NB-07-022822

Tgt Ion: 65 Resp: 185644

Ion Ratio Lower Upper

65 100

67 51.7 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: VD072127.D

Acq: 28 Feb 2022 17:22

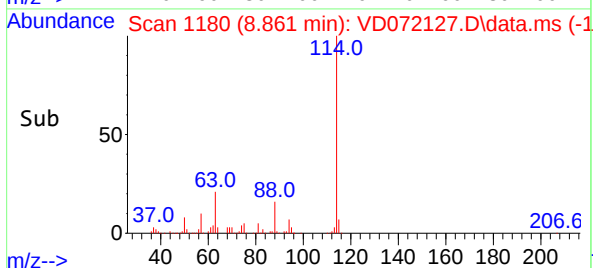
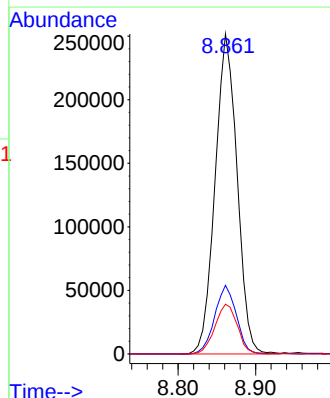
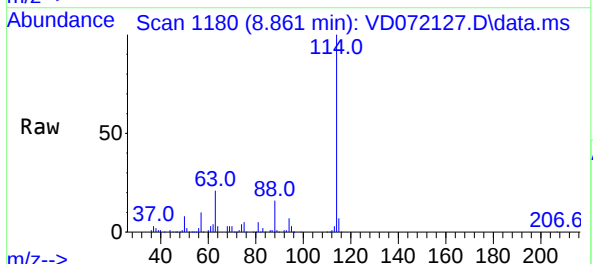
Tgt Ion: 114 Resp: 495798

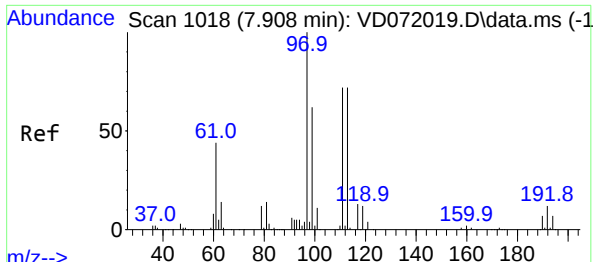
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 15.6 0.0 31.2

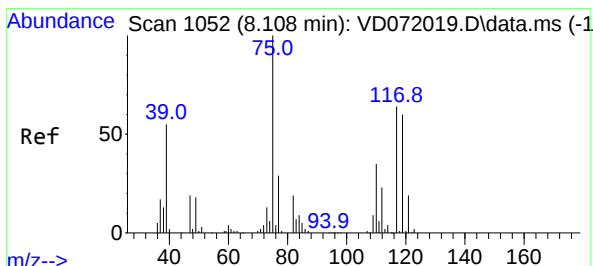
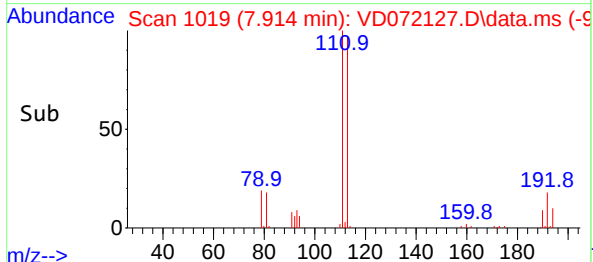
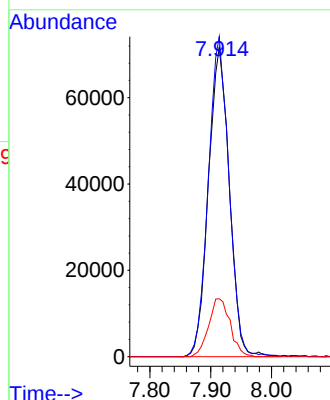
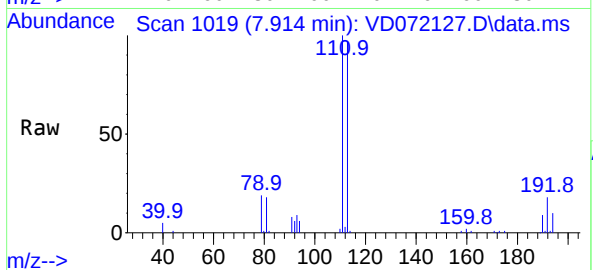




#35
Dibromofluoromethane
Concen: 56.771 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

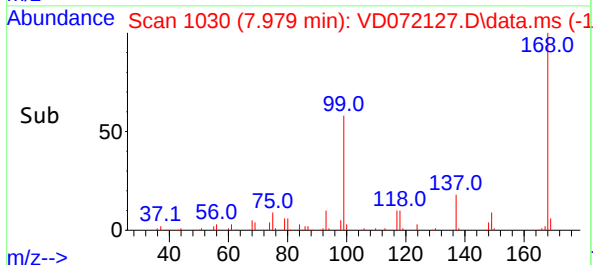
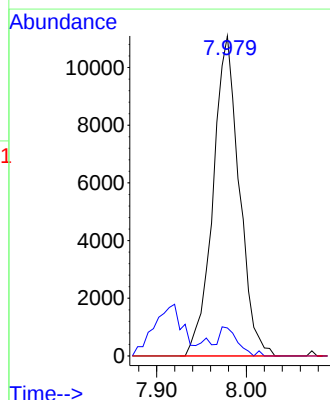
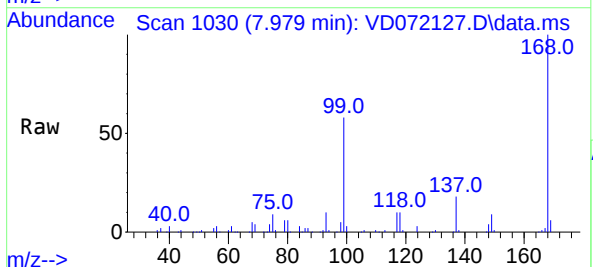
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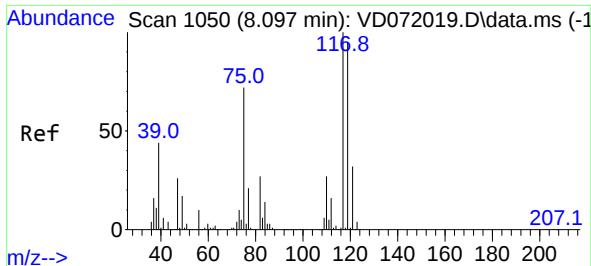
Tgt Ion:113 Resp: 170535
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 19.3 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

Tgt Ion: 75 Resp: 22551
Ion Ratio Lower Upper
75 100
110 6.7 17.7 53.1#
77 0.0 24.8 37.2#

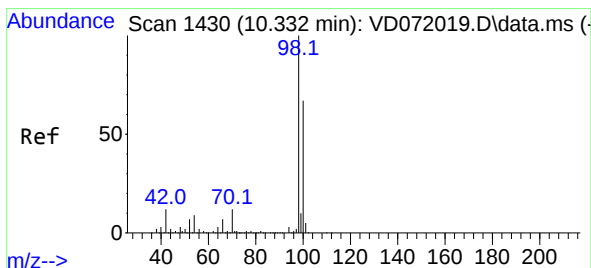
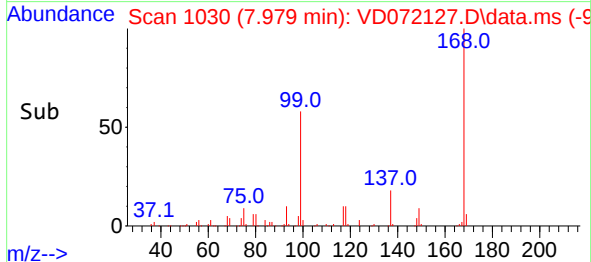
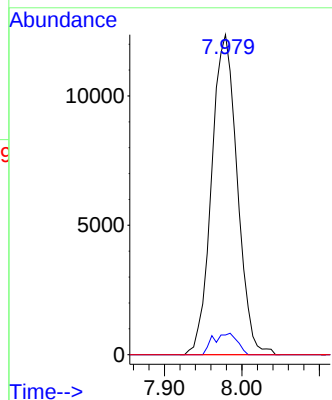
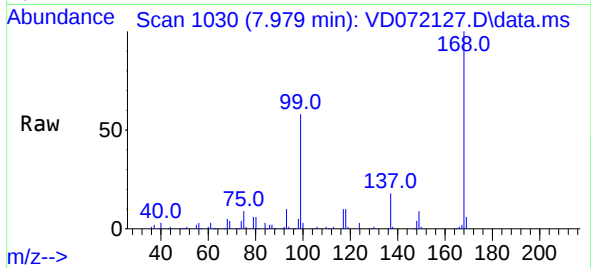




#38
Carbon Tetrachloride
Concen: 6.111 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

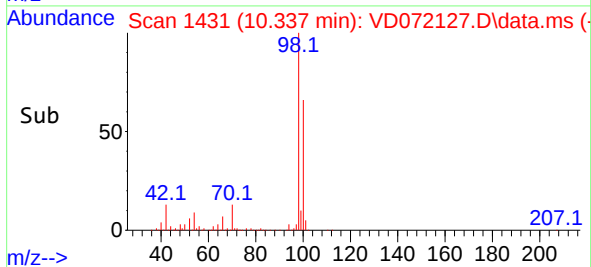
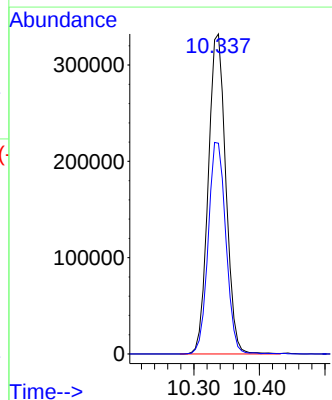
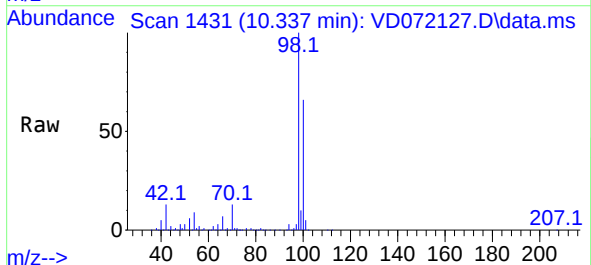
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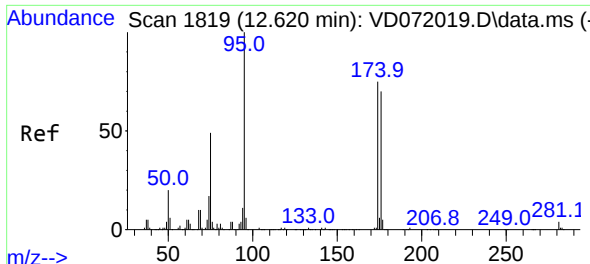
Tgt Ion:117 Resp: 28499
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.533 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

Tgt Ion: 98 Resp: 618616
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



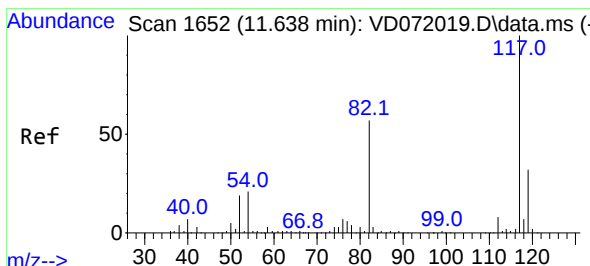
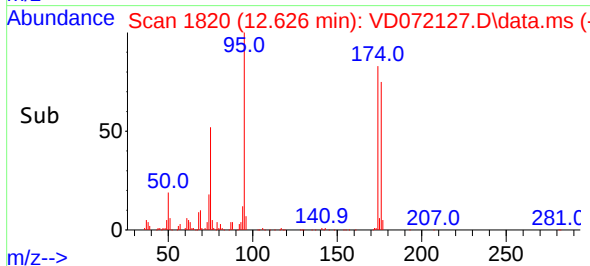
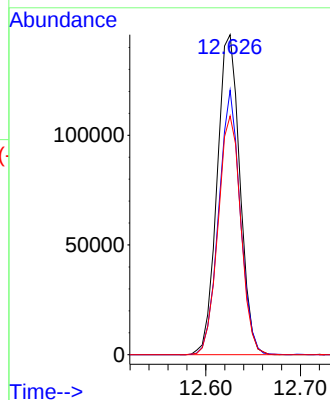
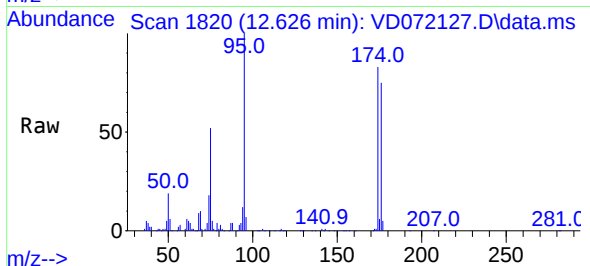


#62
 4-Bromofluorobenzene
 Concen: 59.461 ug/l
 RT: 12.626 min Scan# 1819
 Delta R.T. 0.006 min
 Lab File: VD072127.D
 Acq: 28 Feb 2022 17:22

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-022822

Tgt Ion: 95 Resp: 243308

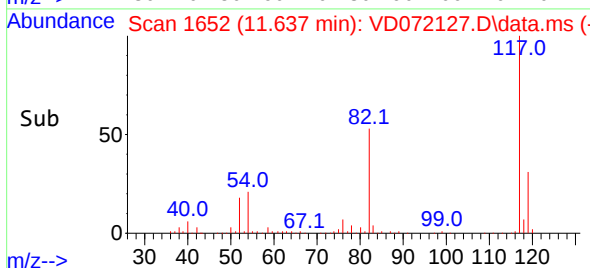
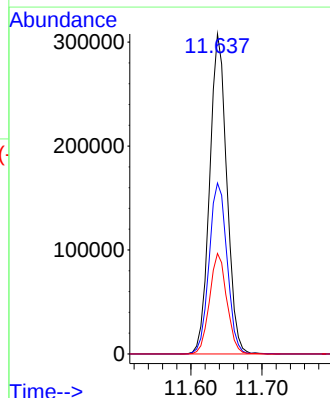
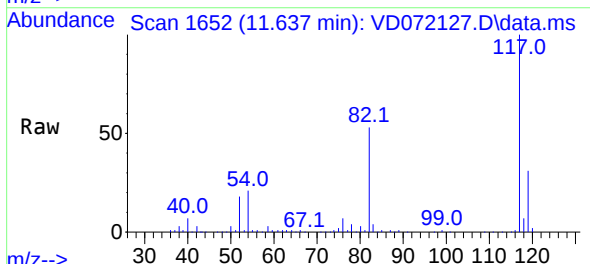
Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	155.0
176	74.5	0.0	148.8

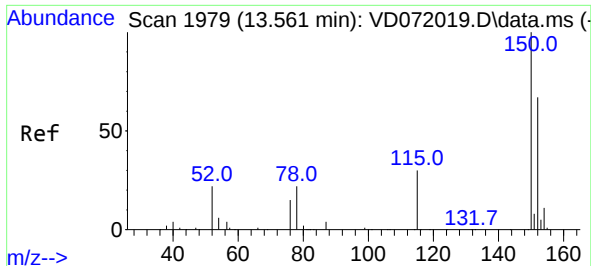


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.637 min Scan# 1652
 Delta R.T. -0.000 min
 Lab File: VD072127.D
 Acq: 28 Feb 2022 17:22

Tgt Ion: 117 Resp: 516277

Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.4	68.0
119	31.4	25.4	38.2

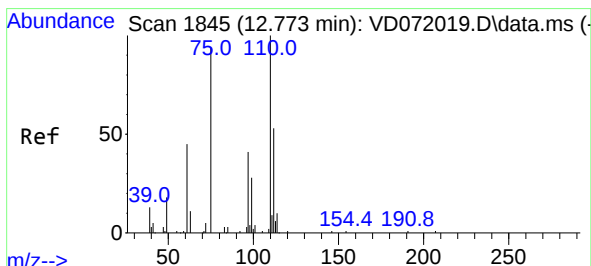
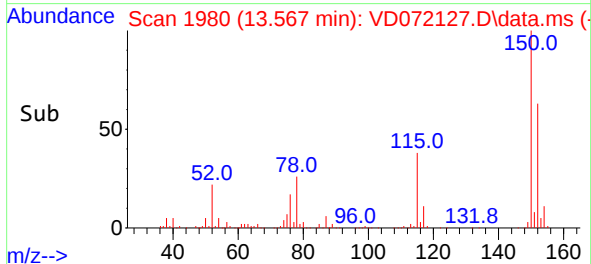
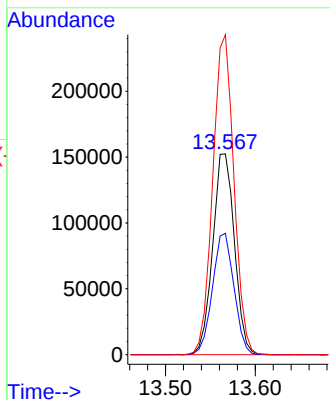
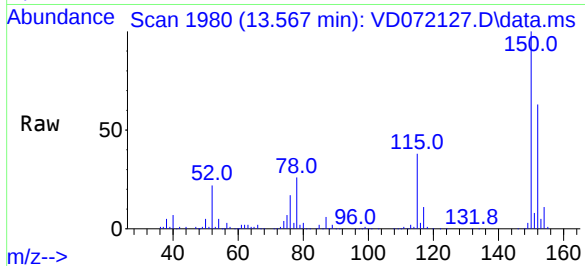




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

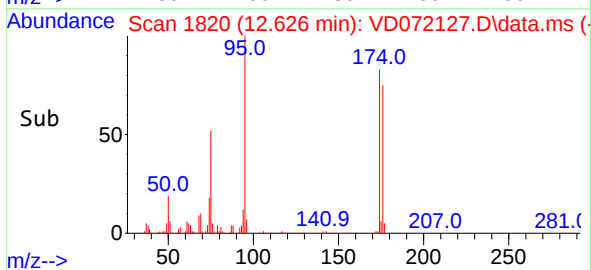
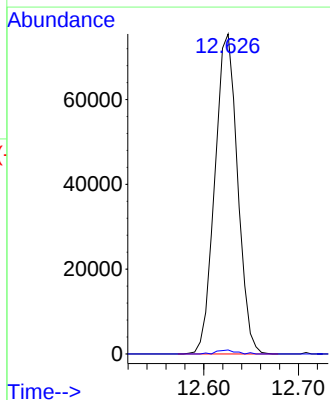
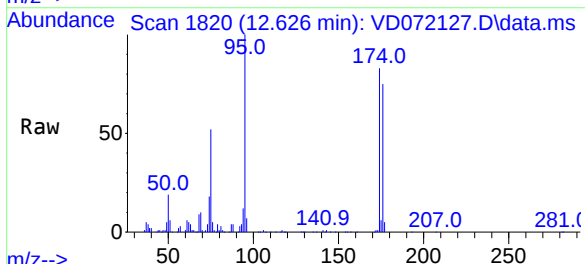
Instrument :
MSVOA_D
ClientSampleId :
NB-07-022822

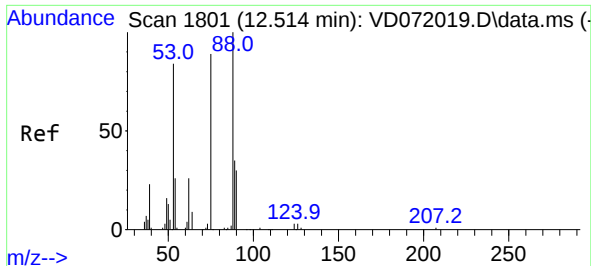
Tgt Ion:152 Resp: 256450
Ion Ratio Lower Upper
152 100
115 59.8 29.9 89.7
150 154.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.862 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072127.D
Acq: 28 Feb 2022 17:22

Tgt Ion: 75 Resp: 125981
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.874 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD072127.D
 Acq: 28 Feb 2022 17:22

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-022822

Tgt Ion: 75 Resp: 125981
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.2 120.4#
 89 0.0 36.4 54.6#

