

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072425.D
 Acq On : 25 Mar 2022 13:22
 Operator : VA/SY
 Sample : N2107-02
 Misc : 4.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS2

Quant Time: Mar 26 00:09:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

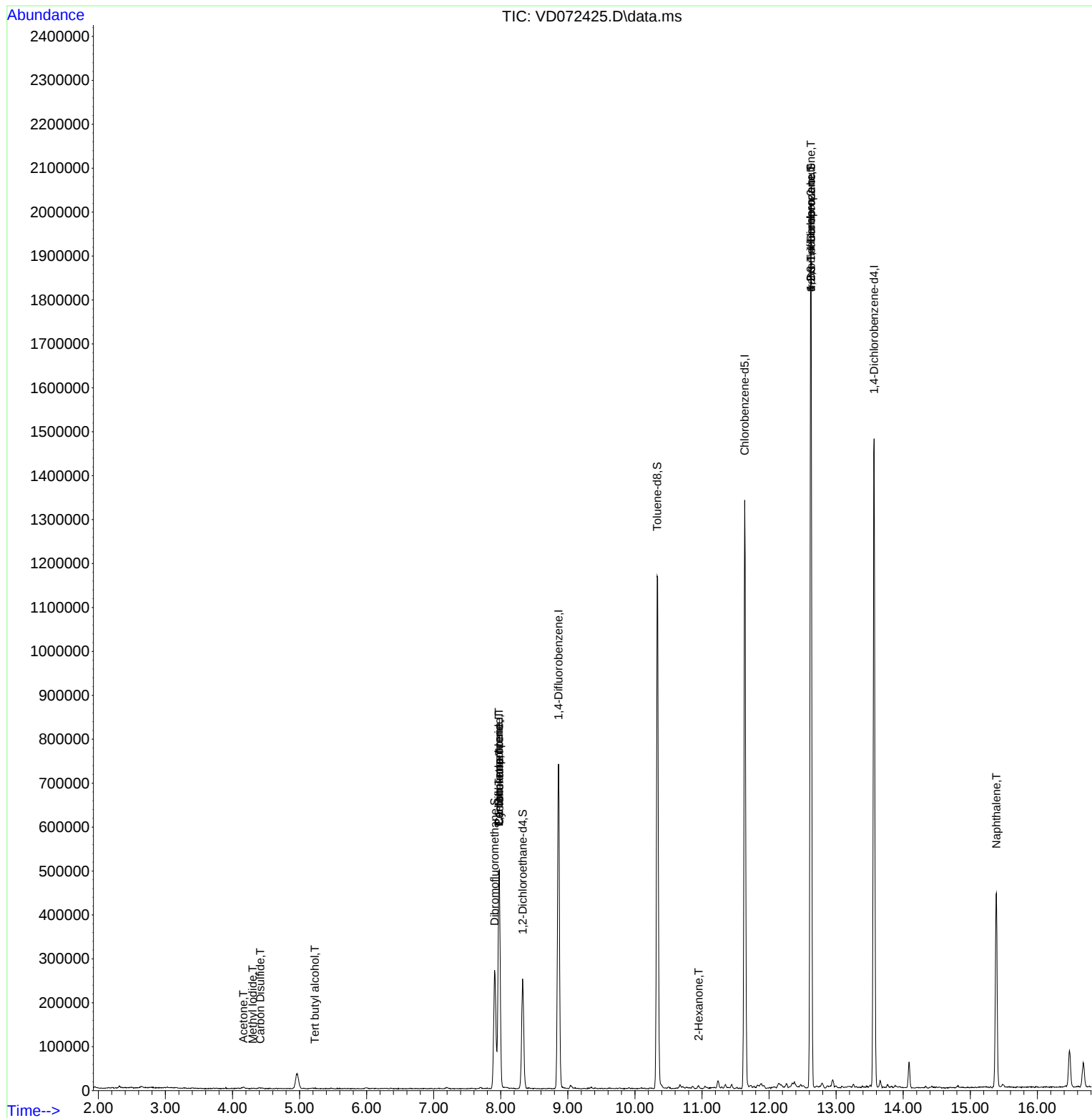
Internal Standards						
1) Pentafluorobenzene	7.973	168	363098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	624587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	734535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	383107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	192073	47.466	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.940%		
35) Dibromofluoromethane	7.908	113	193984	44.135	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.260%		
50) Toluene-d8	10.332	98	792122	49.288	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.580%		
62) 4-Bromofluorobenzene	12.626	95	394551	63.183	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	126.360%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	982	2.479	ug/l #	47
11) Tert butyl alcohol	5.226	59	2265	9.654	ug/l #	74
16) Acetone	4.162	43	6043	6.878	ug/l	94
17) Carbon Disulfide	4.414	76	3714	1.963	ug/l #	74
20) Methylene Chloride	4.956	84	26220	Below Cal		91
31) Cyclohexane	7.979	56	10027	1.586	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	30412	4.932	ug/l #	51
38) Carbon Tetrachloride	7.973	117	36571	5.218	ug/l #	19
59) 2-Hexanone	10.949	43	2907	1.529	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	215698	51.041	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	215698	126.637	ug/l #	8
95) Naphthalene	15.390	128	390033	27.372	ug/l	99

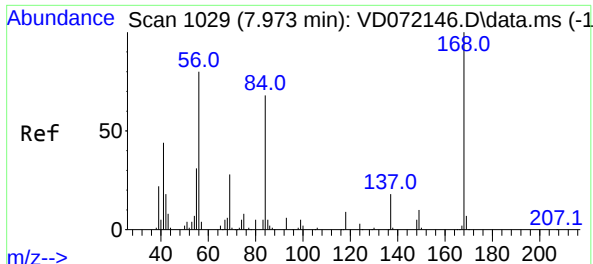
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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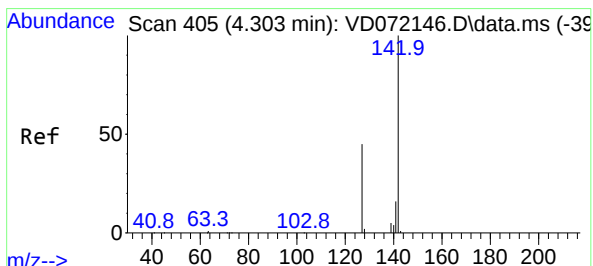
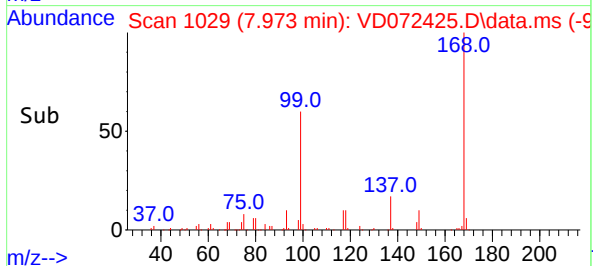
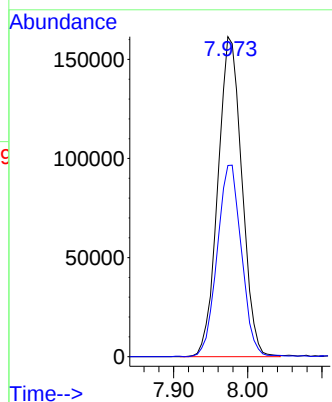
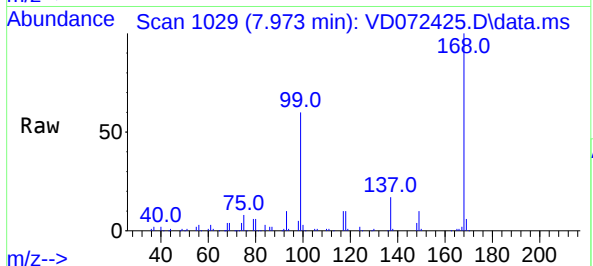




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

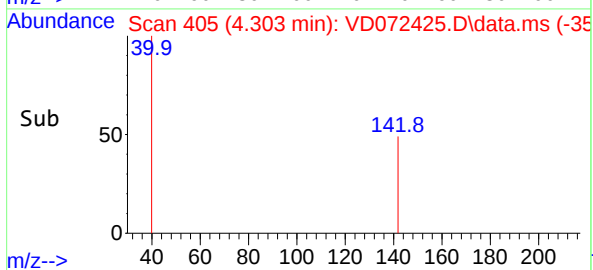
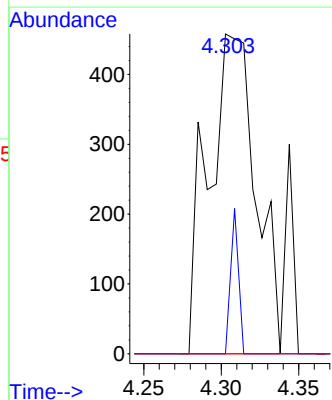
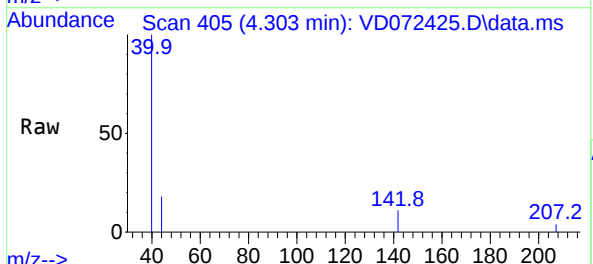
Instrument :
MSVOA_D
ClientSampleId :
SS2

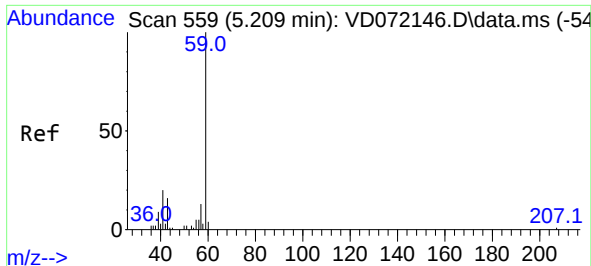
Tgt Ion:168 Resp: 363098
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#10
Methyl Iodide
Concen: 2.479 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

Tgt Ion:142 Resp: 982
Ion Ratio Lower Upper
142 100
127 7.4 37.3 55.9#
141 0.0 11.7 17.5#

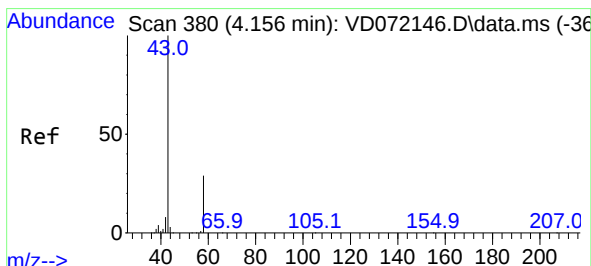
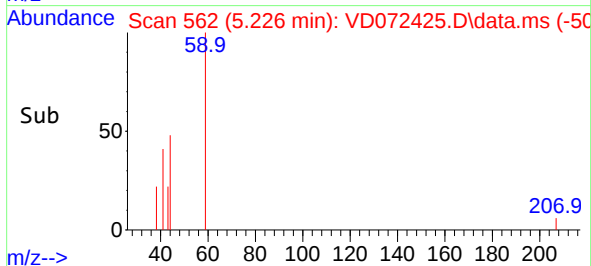
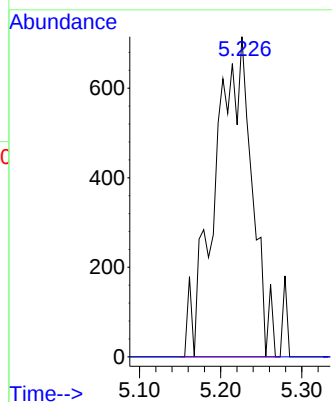
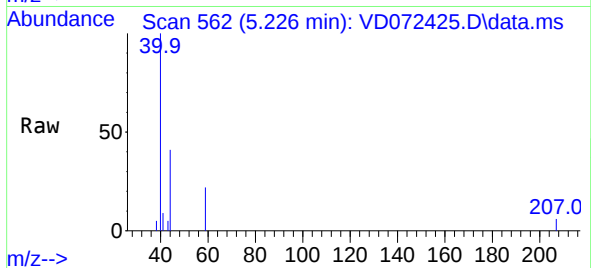




#11
Tert butyl alcohol
Concen: 9.654 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.018 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

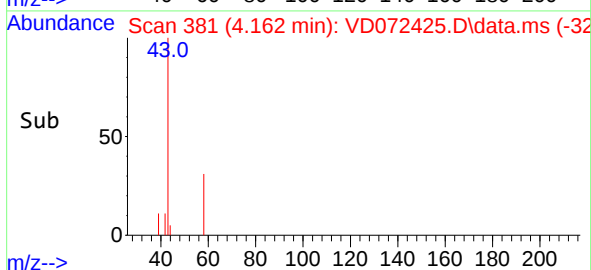
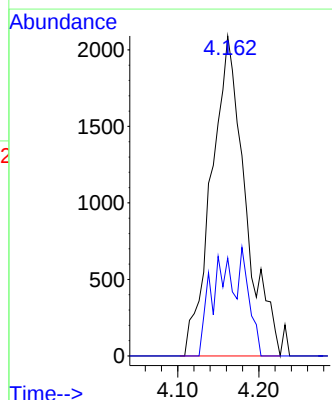
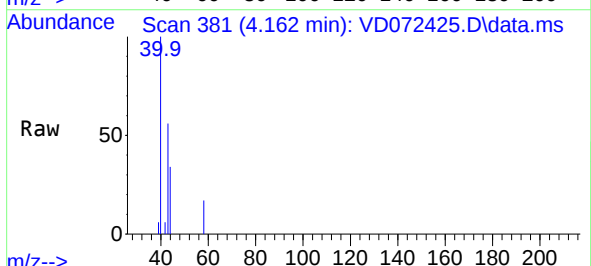
Instrument :
MSVOA_D
ClientSampleId :
SS2

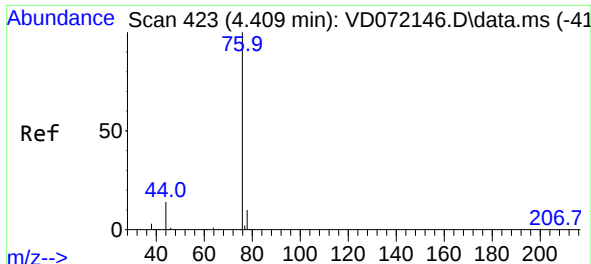
Tgt Ion: 59 Resp: 2265
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 6.878 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

Tgt Ion: 43 Resp: 6043
Ion Ratio Lower Upper
43 100
58 30.6 22.1 33.1

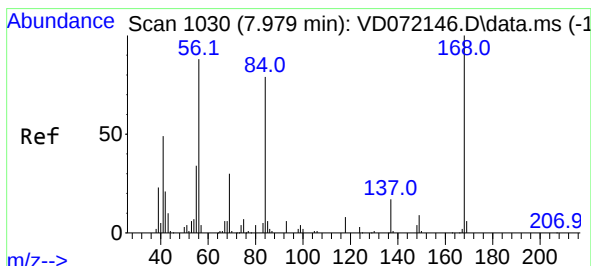
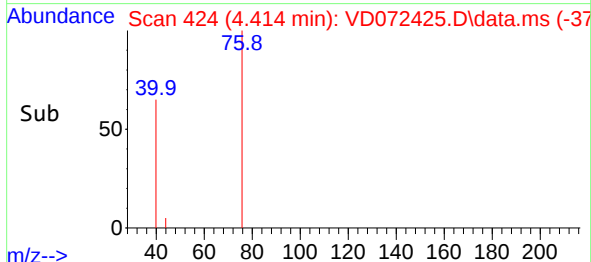
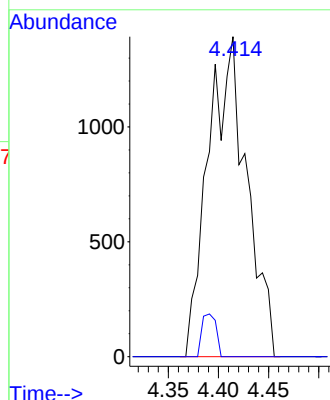
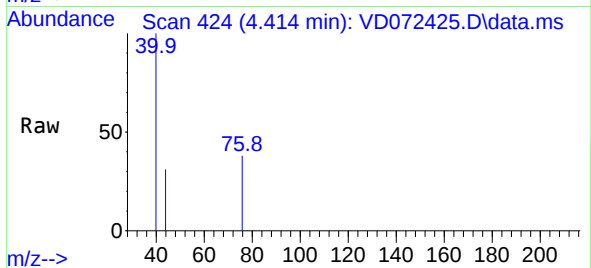




#17
Carbon Disulfide
Concen: 1.963 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

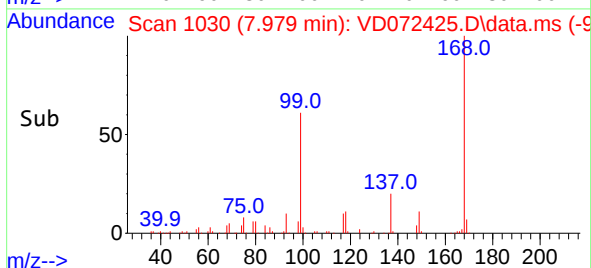
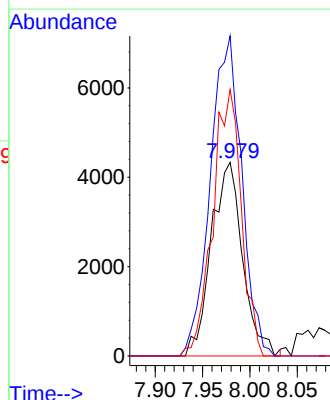
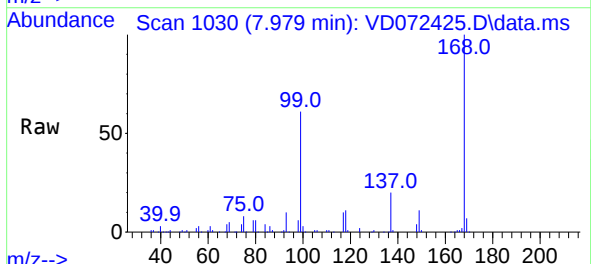
Instrument :
MSVOA_D
ClientSampleId :
SS2

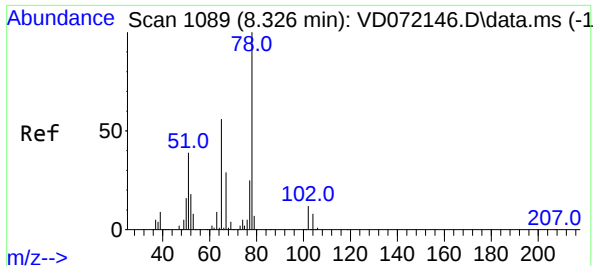
Tgt Ion: 76 Resp: 3714
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.586 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

Tgt Ion: 56 Resp: 10027
Ion Ratio Lower Upper
56 100
69 165.4 25.4 38.2#
84 137.7 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.466 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072425.D

Acq: 25 Mar 2022 13:22

Instrument :

MSVOA_D

ClientSampleId :

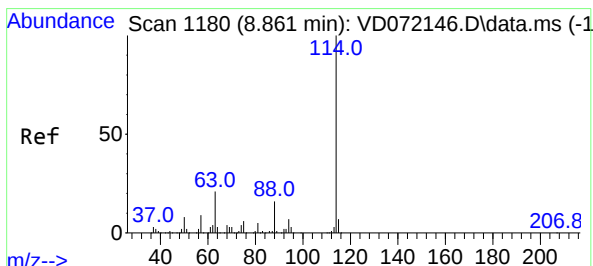
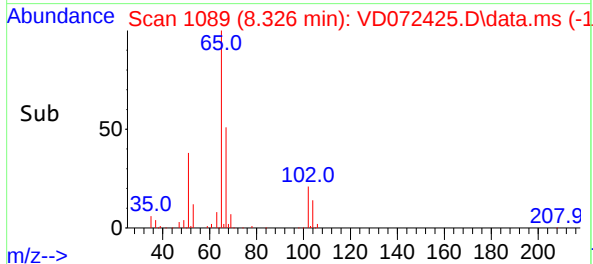
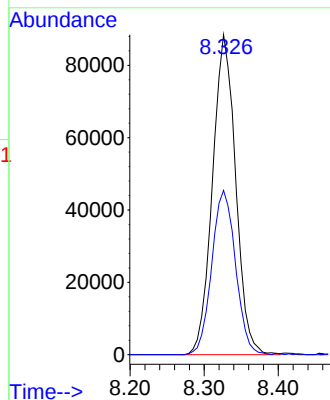
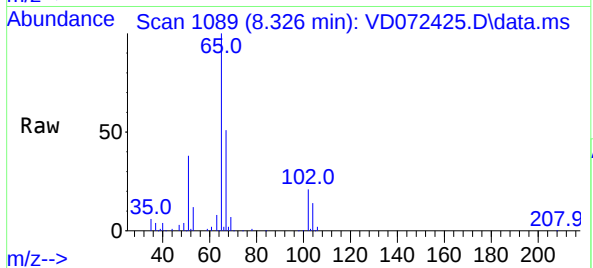
SS2

Tgt Ion: 65 Resp: 192073

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072425.D

Acq: 25 Mar 2022 13:22

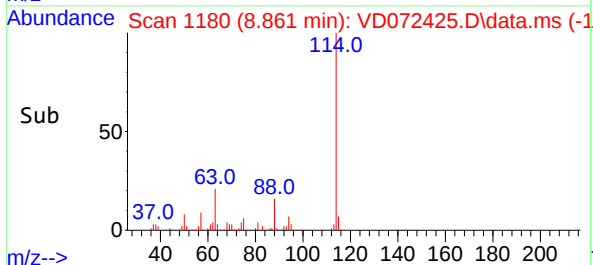
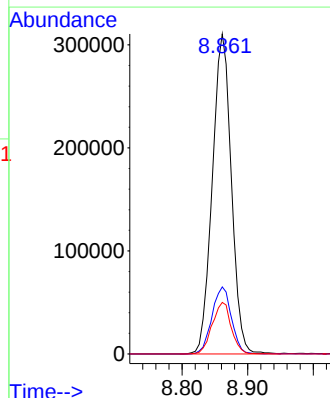
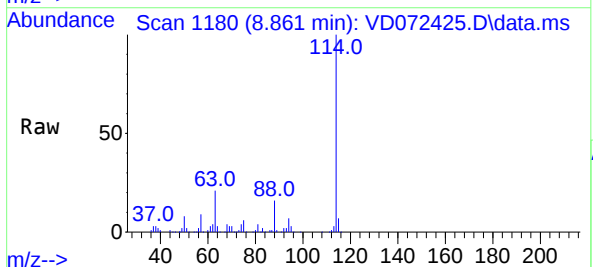
Tgt Ion: 114 Resp: 624587

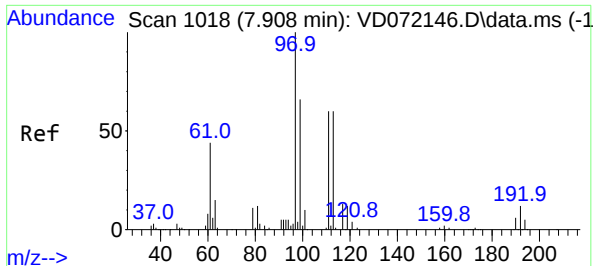
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 16.1 0.0 33.2

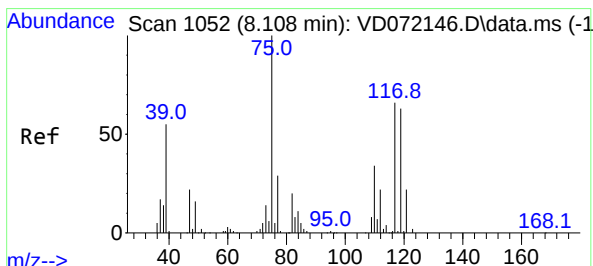
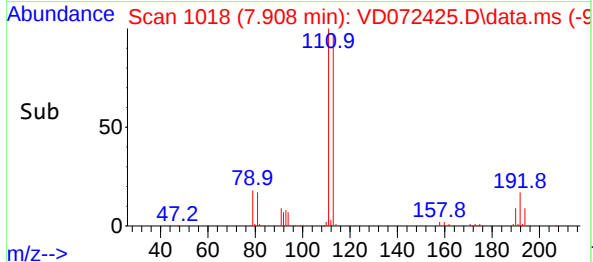
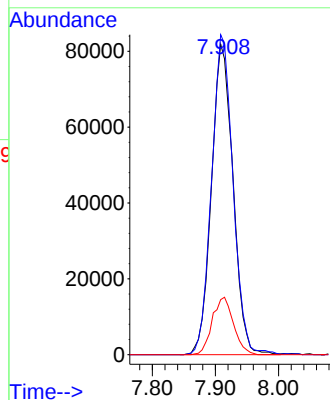
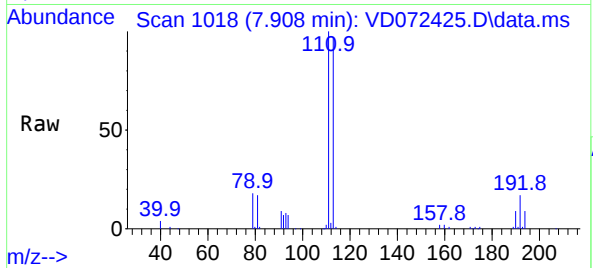




#35
Dibromofluoromethane
Concen: 44.135 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

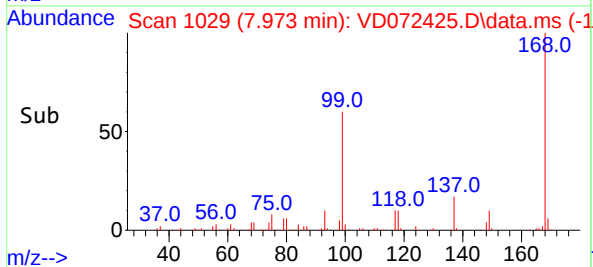
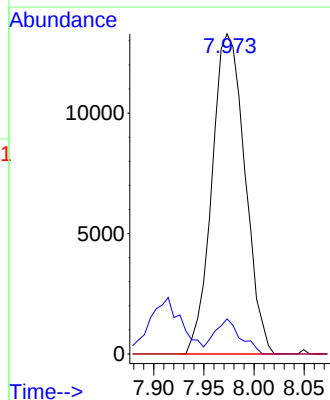
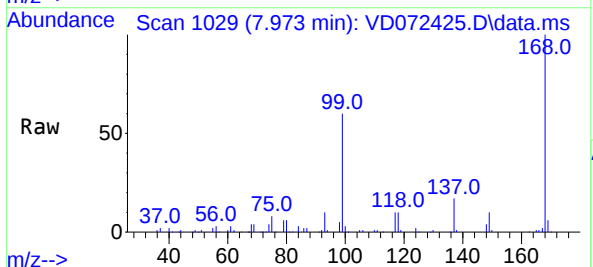
Instrument :
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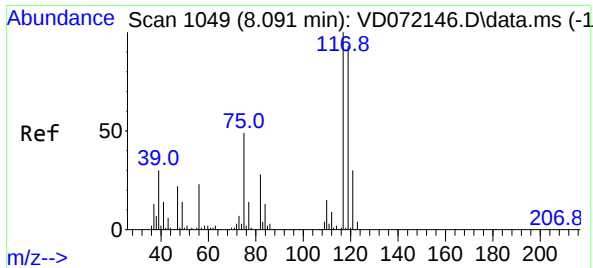
Tgt Ion:113 Resp: 193984
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.2 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

Tgt Ion: 75 Resp: 30412
Ion Ratio Lower Upper
75 100
110 8.5 16.4 49.1#
77 0.0 24.2 36.2#

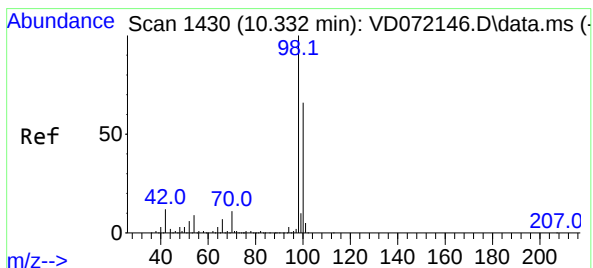
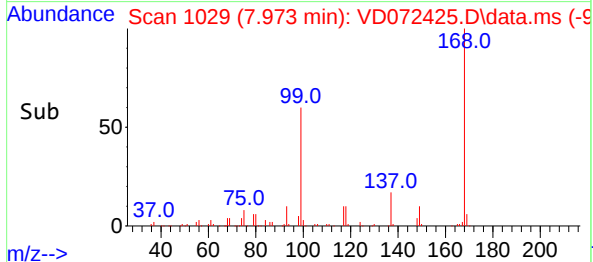
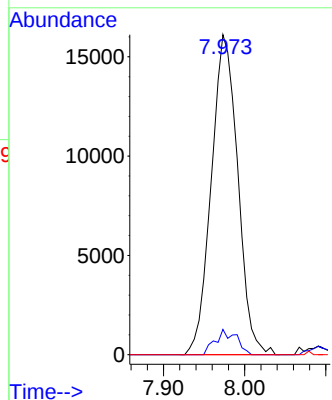
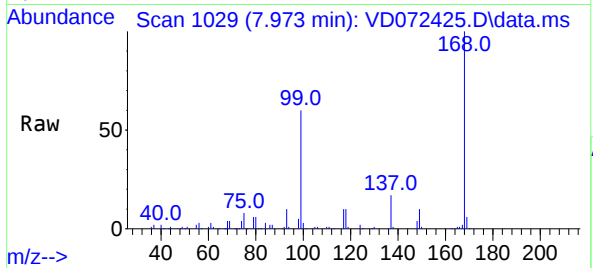




#38
Carbon Tetrachloride
Concen: 5.218 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

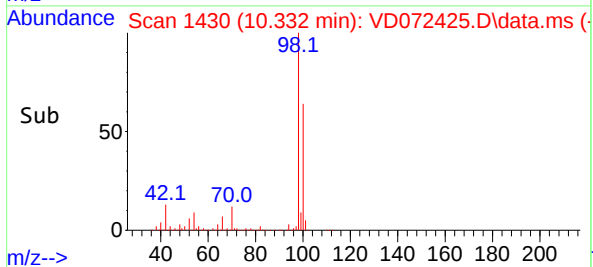
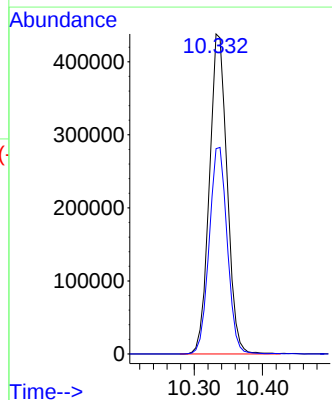
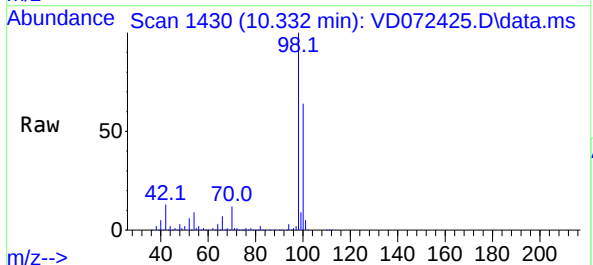
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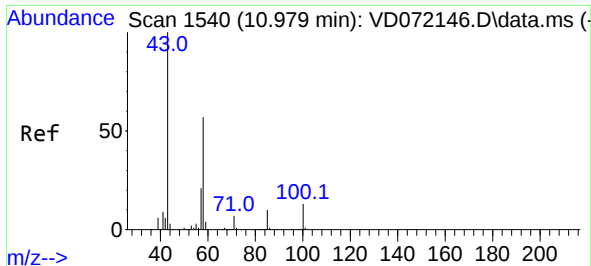
Tgt Ion:117 Resp: 36571
Ion Ratio Lower Upper
117 100
119 7.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.288 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

Tgt Ion: 98 Resp: 792122
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

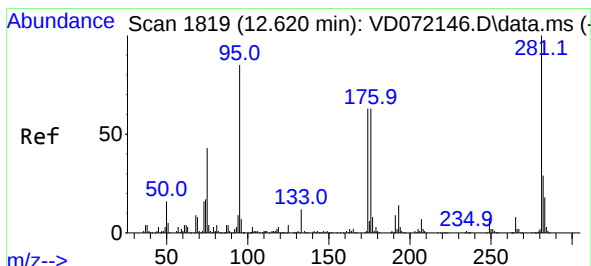
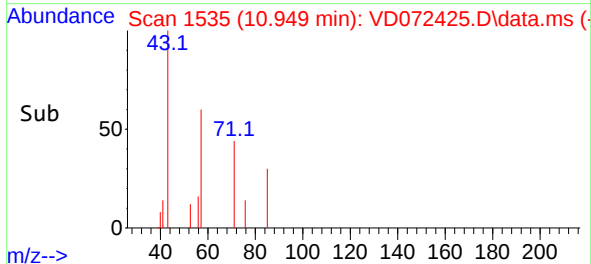
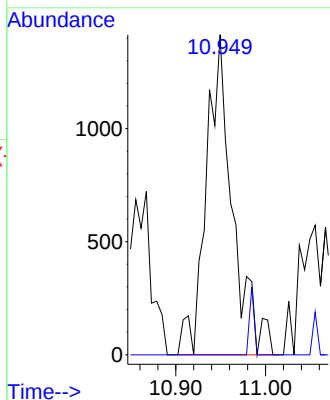
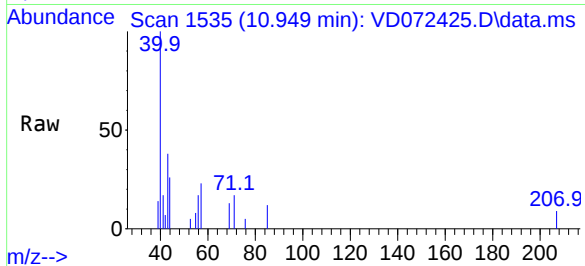




#59
2-Hexanone
Concen: 1.529 ug/l
RT: 10.949 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

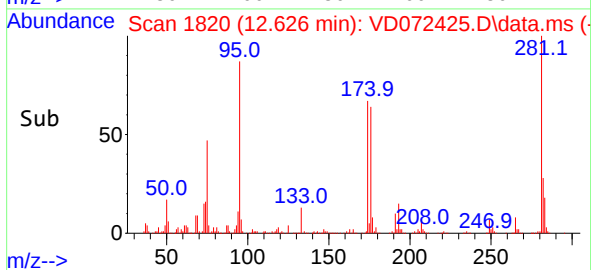
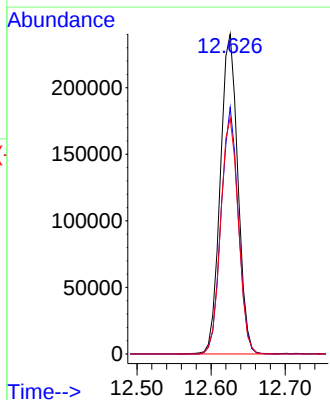
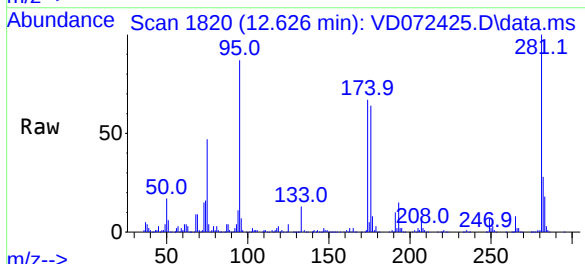
Instrument :
MSVOA_D
ClientSampleId :
SS2

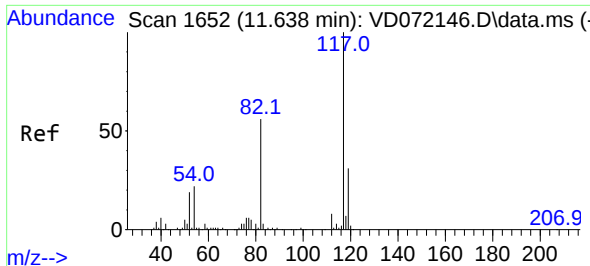
Tgt Ion: 43 Resp: 2907
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 63.183 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

Tgt Ion: 95 Resp: 394551
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 74.2 0.0 145.4

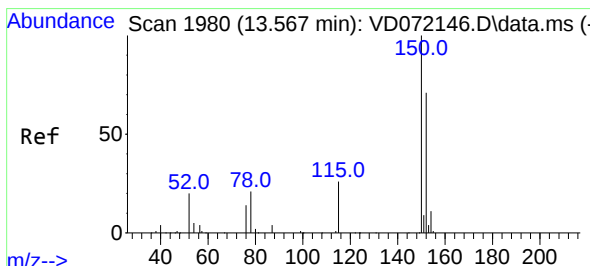
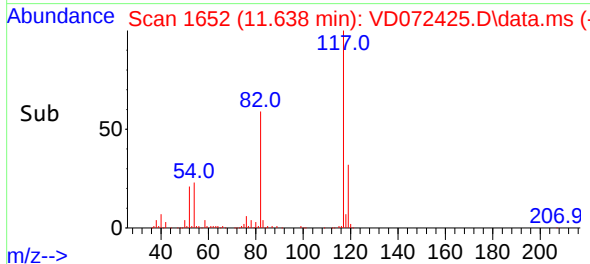
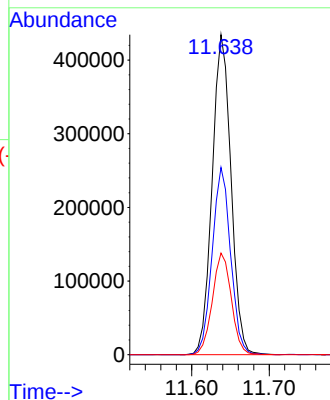
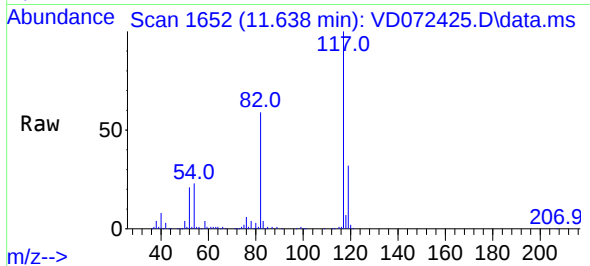




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

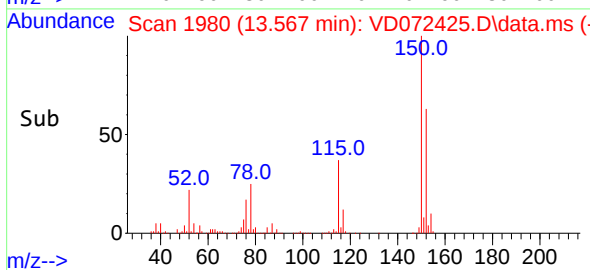
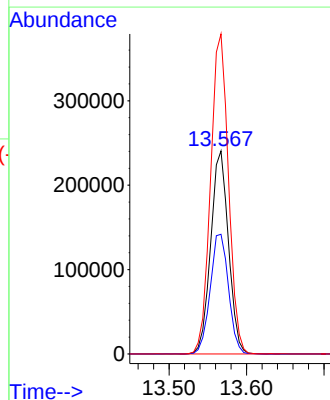
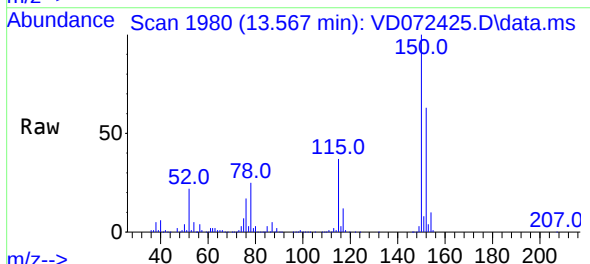
Instrument :
MSVOA_D
ClientSampleId :
SS2

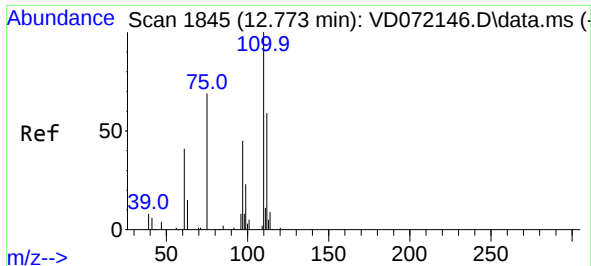
Tgt Ion:117 Resp: 734535
Ion Ratio Lower Upper
117 100
82 58.5 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

Tgt Ion:152 Resp: 383107
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 158.3 0.0 348.6

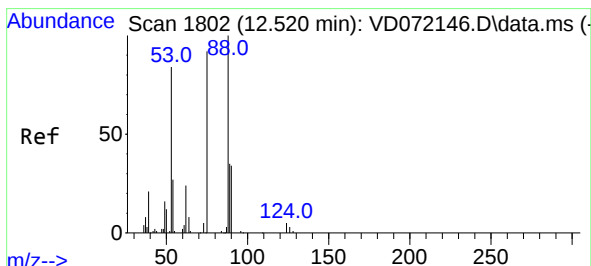
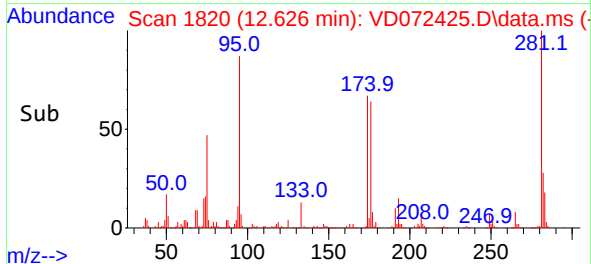
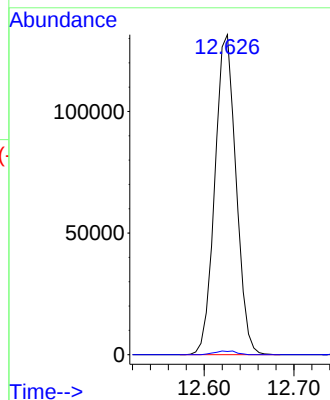
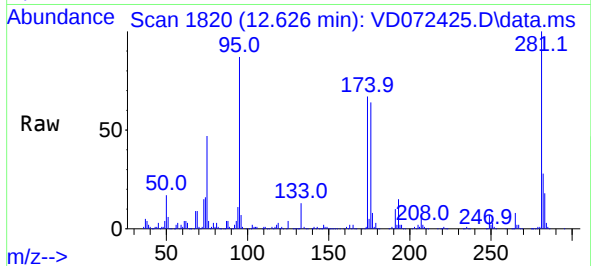




#76
1,2,3-Trichloropropane
Concen: 51.041 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

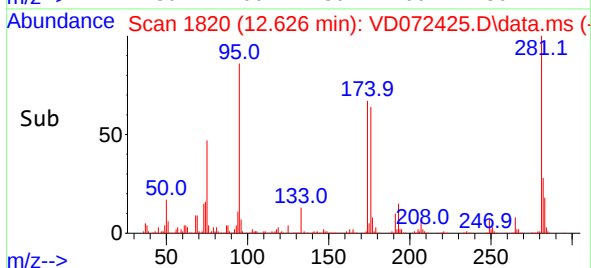
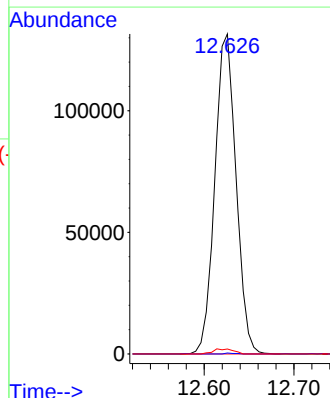
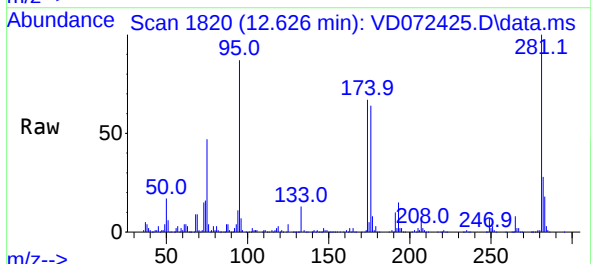
Instrument :
MSVOA_D
ClientSampleId :
SS2

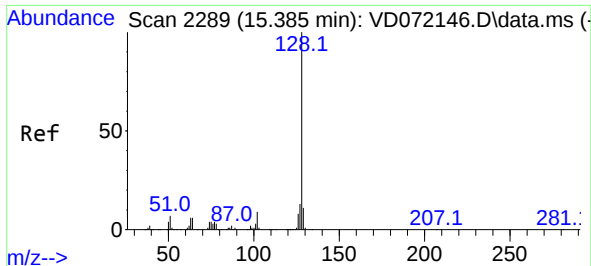
Tgt Ion: 75 Resp: 215698
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.637 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072425.D
Acq: 25 Mar 2022 13:22

Tgt Ion: 75 Resp: 215698
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 1.5 33.9 50.9#





#95

Naphthalene

Concen: 27.372 ug/l

RT: 15.390 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD072425.D

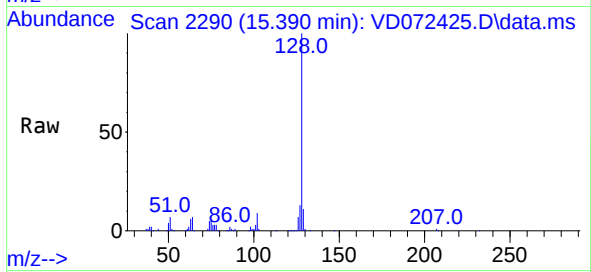
Acq: 25 Mar 2022 13:22

Instrument :

MSVOA_D

ClientSampleId :

SS2



Tgt Ion:128 Resp: 390033

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.4 12.6

