

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072152.D
 Acq On : 11 Mar 2022 16:12
 Operator : VA/SY
 Sample : VD0311SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

Quant Time: Mar 14 04:00:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 03:10:12 2022
 Response via : Initial Calibration

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

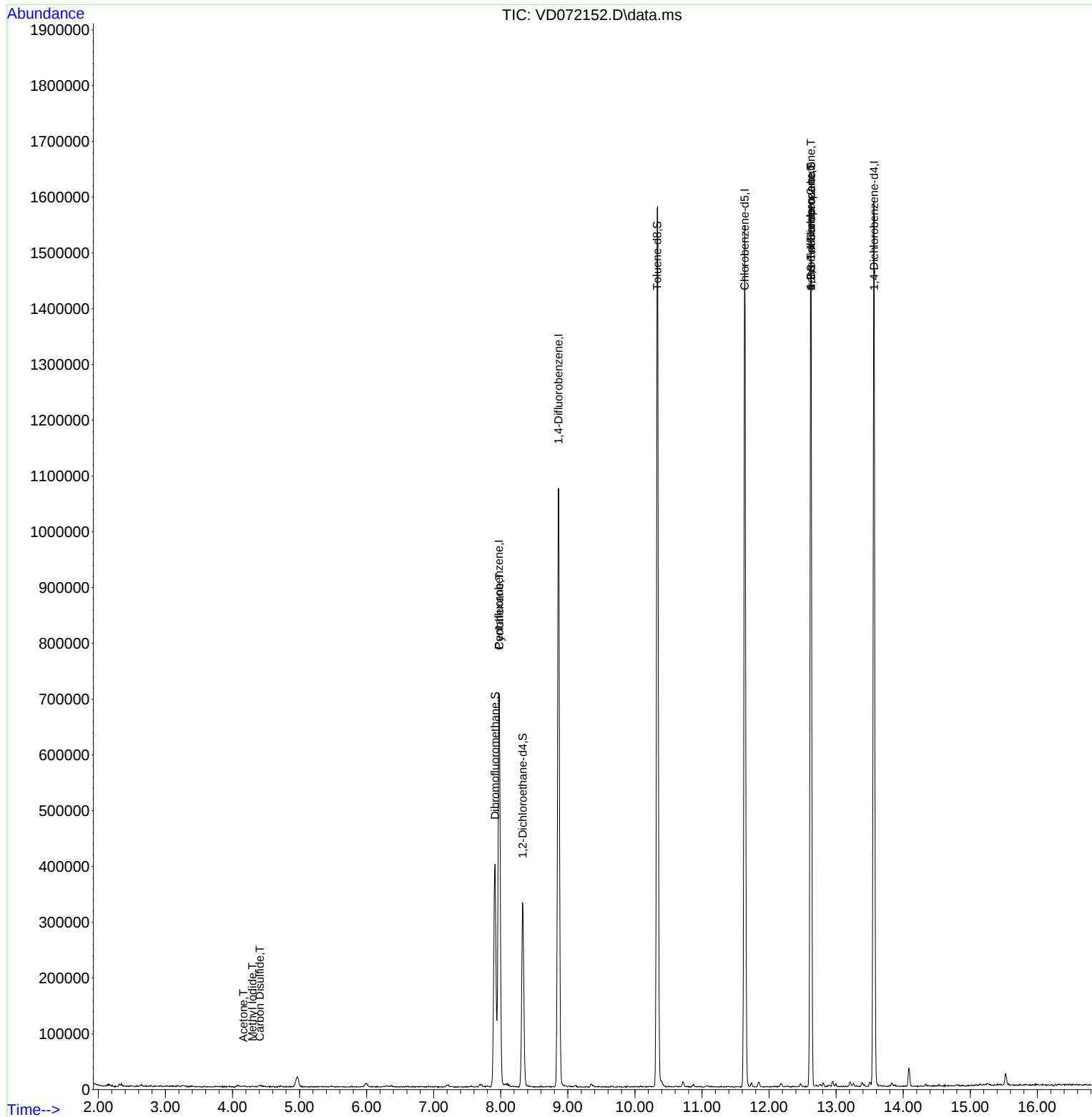
Internal Standards						
1) Pentafluorobenzene	7.973	168	527883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	902236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	879182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	427817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	259821	44.165	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.340%		
35) Dibromofluoromethane	7.914	113	286826	45.176	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.360%		
50) Toluene-d8	10.332	98	1086311	46.792	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.580%		
62) 4-Bromofluorobenzene	12.626	95	421203	46.694	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.380%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	1881	2.559	ug/l #	40
16) Acetone	4.162	43	2485	1.945	ug/l	97
17) Carbon Disulfide	4.409	76	5105	1.938	ug/l #	74
20) Methylene Chloride	4.967	84	13695	Below Cal		83
31) Cyclohexane	7.979	56	13299	1.447	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	221380	46.910	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	221380	116.390	ug/l #	7

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

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Quant Title : SW846 8260
QLast Update : Mon Mar 14 03:10:12 2022
Response via : Initial Calibration

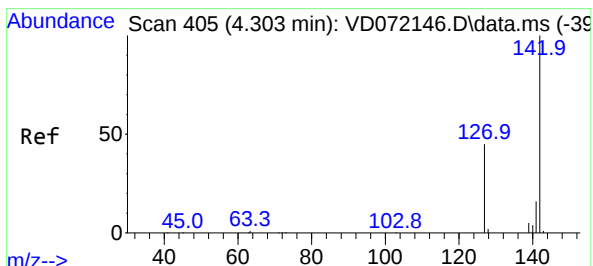
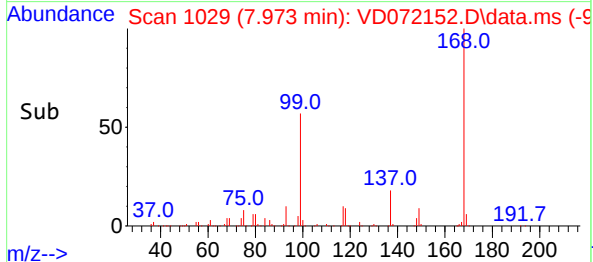
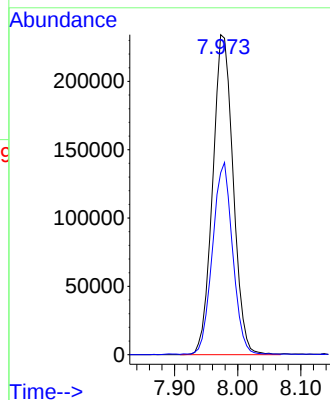
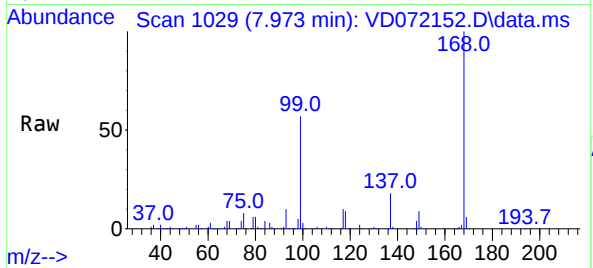




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

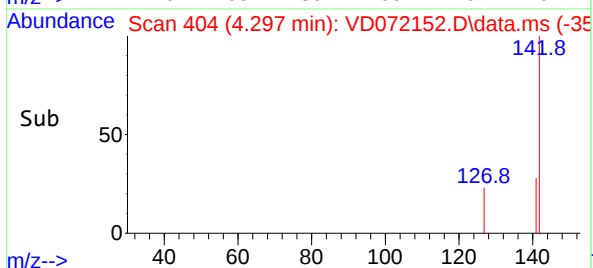
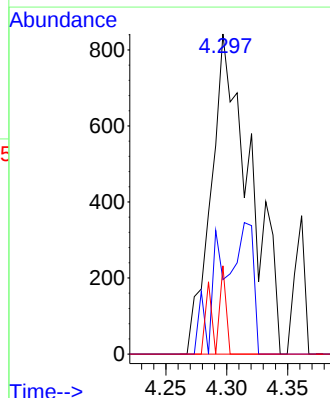
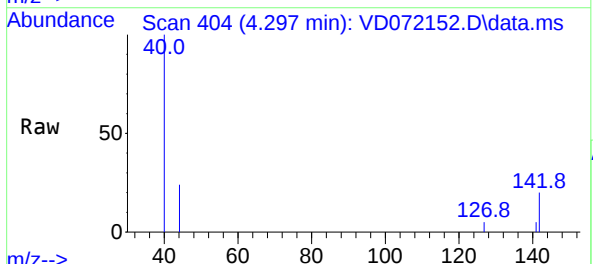
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

Tgt Ion:168 Resp: 527883
Ion Ratio Lower Upper
168 100
99 56.8 49.8 74.6



#10
Methyl Iodide
Concen: 2.559 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

Tgt Ion:142 Resp: 1881
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 3.6 11.7 17.5#

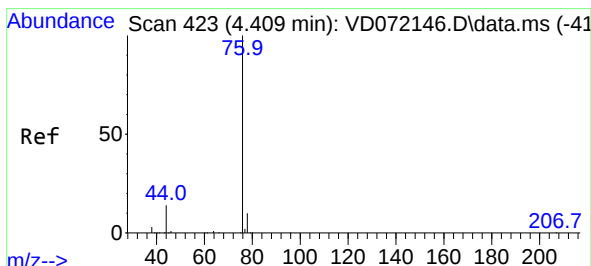
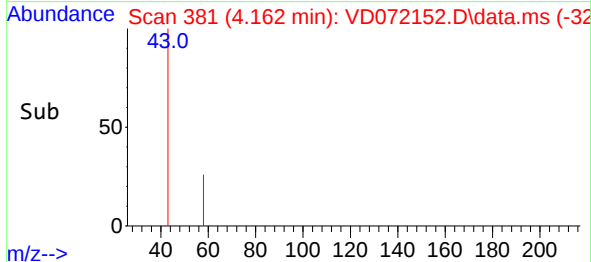
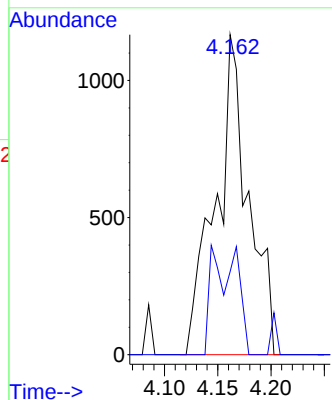
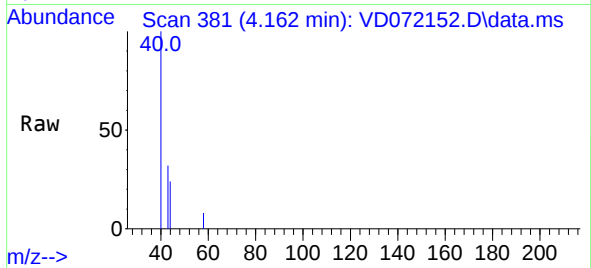




#16
Acetone
Concen: 1.945 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

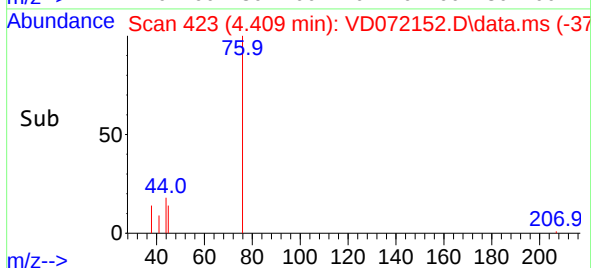
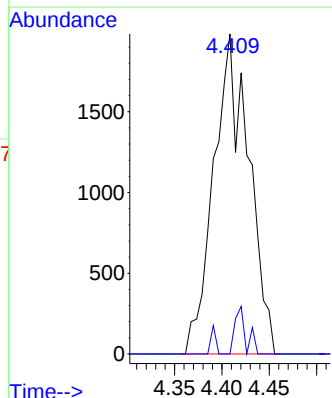
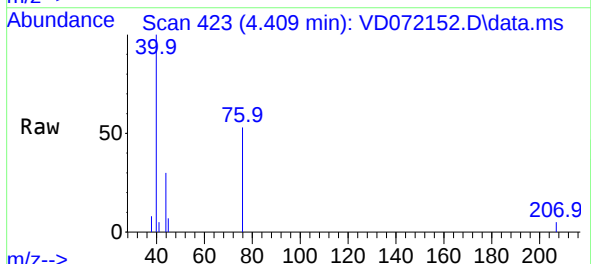
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

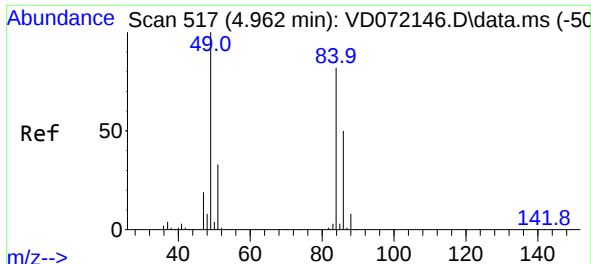
Tgt Ion: 43 Resp: 2485
Ion Ratio Lower Upper
43 100
58 26.0 22.1 33.1



#17
Carbon Disulfide
Concen: 1.938 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

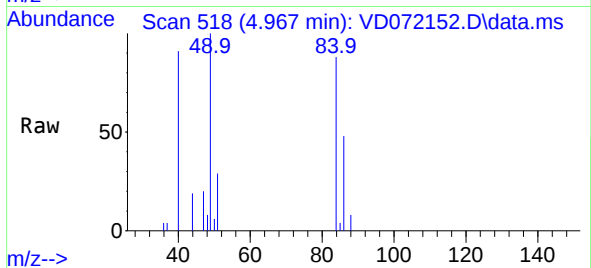
Tgt Ion: 76 Resp: 5105
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





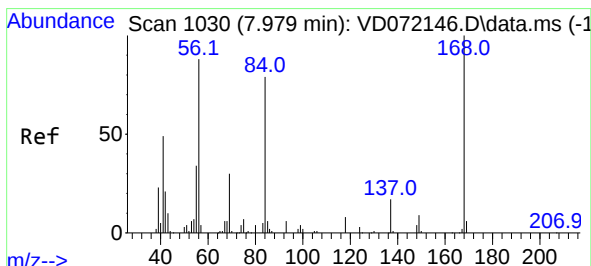
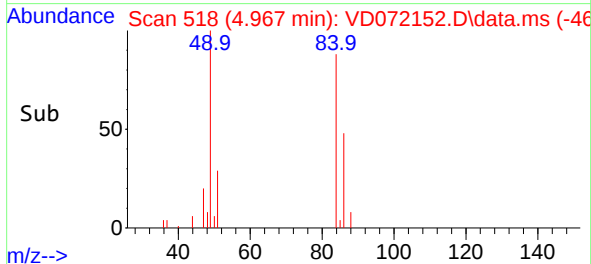
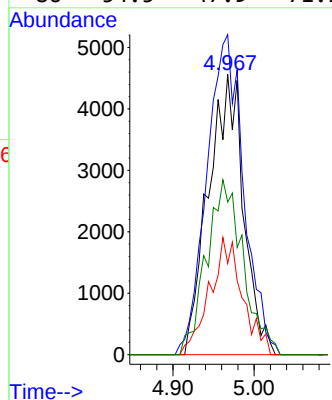
#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01



Tgt Ion: 84 Resp: 13695

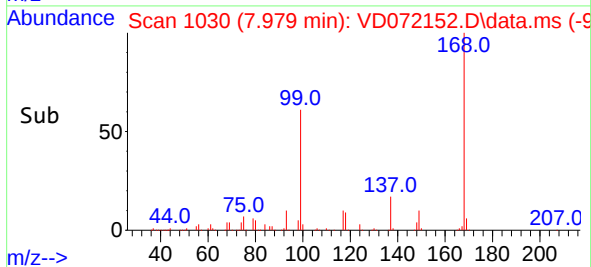
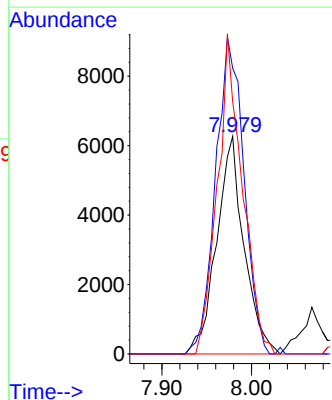
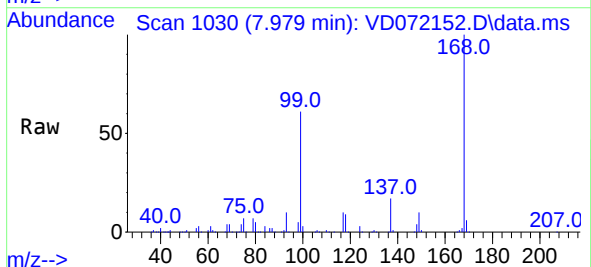
Ion	Ratio	Lower	Upper
84	100		
49	114.2	112.8	169.2
51	32.6	32.6	48.8
86	54.5	47.9	71.9

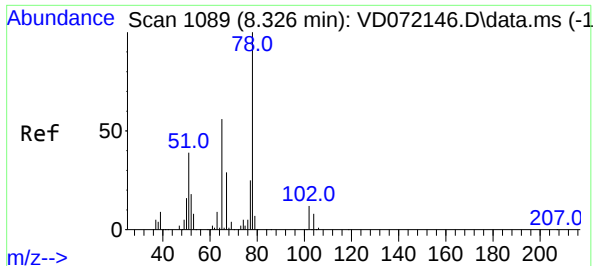


#31
Cyclohexane
Concen: 1.447 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

Tgt Ion: 56 Resp: 13299

Ion	Ratio	Lower	Upper
56	100		
69	131.3	25.4	38.2#
84	115.9	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 44.165 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072152.D

Acq: 11 Mar 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

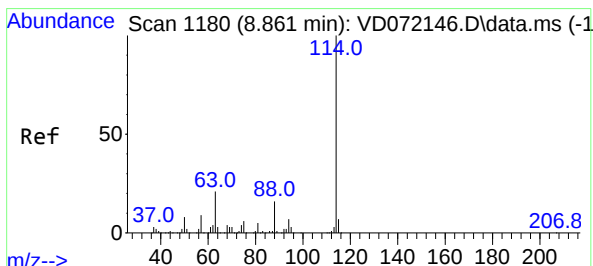
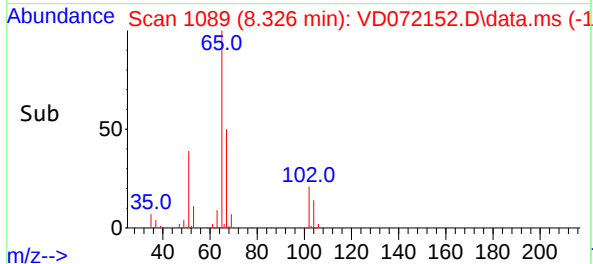
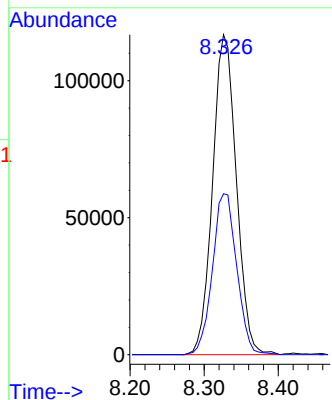
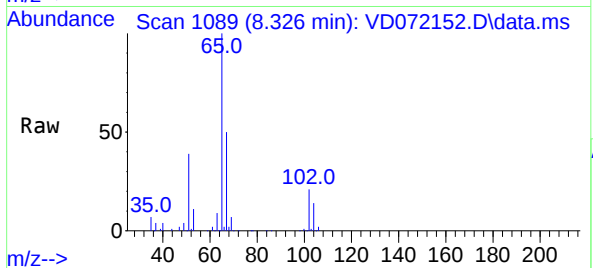
VD0311SBL01

Tgt Ion: 65 Resp: 259821

Ion Ratio Lower Upper

65 100

67 51.4 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: VD072152.D

Acq: 11 Mar 2022 16:12

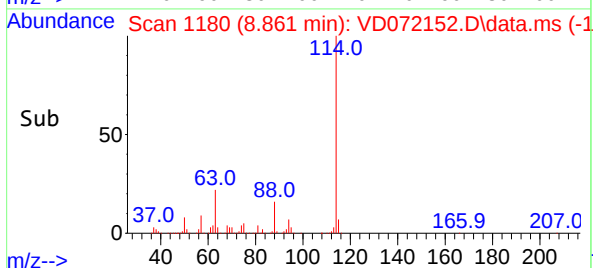
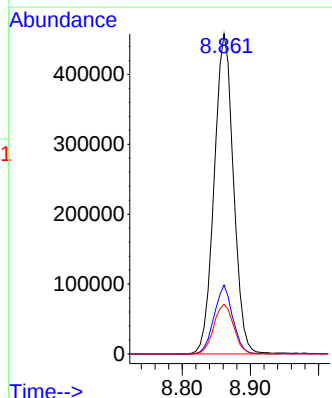
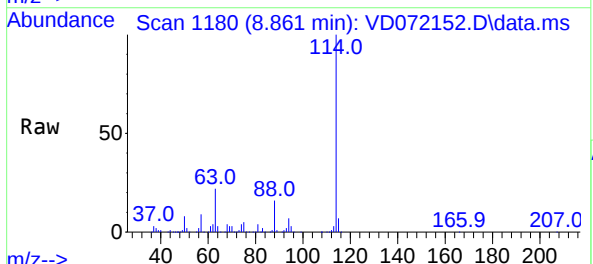
Tgt Ion: 114 Resp: 902236

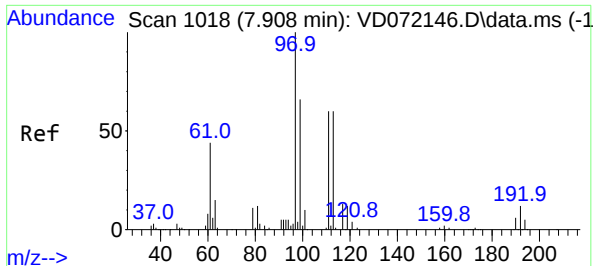
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.5 0.0 33.2

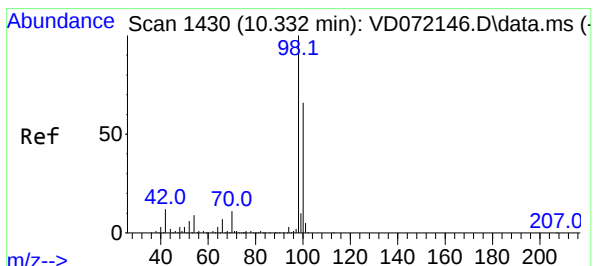
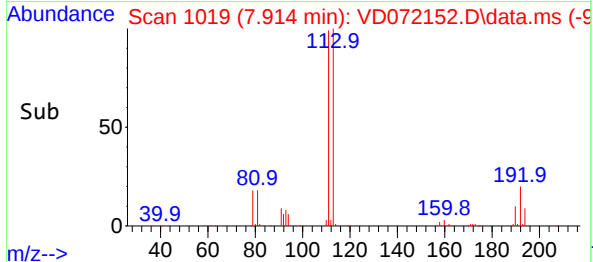
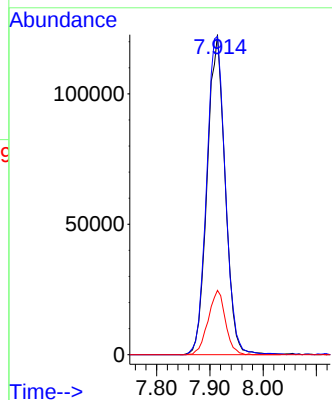
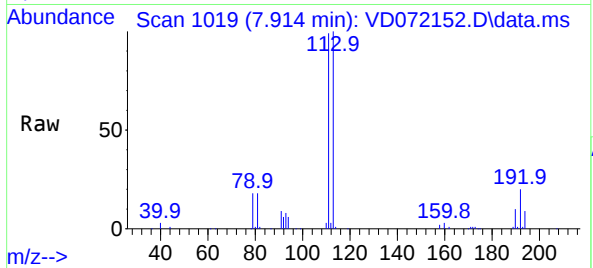




#35
Dibromofluoromethane
Concen: 45.176 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

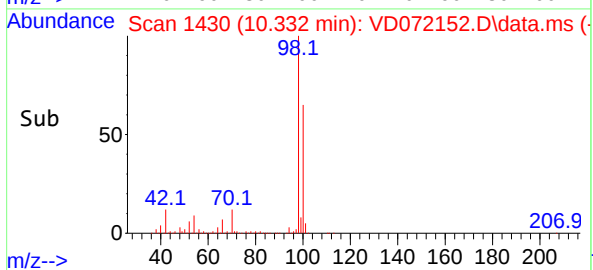
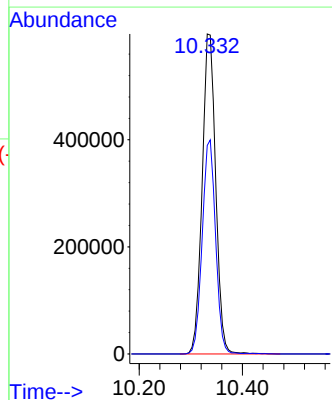
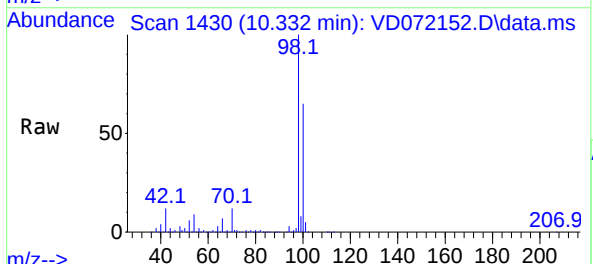
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

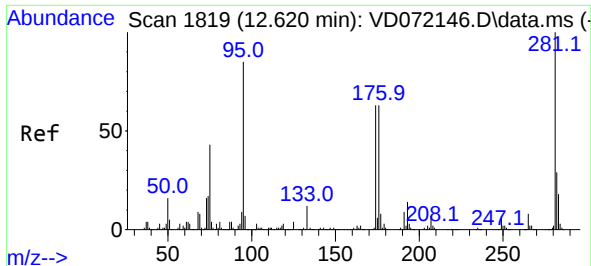
Tgt Ion:113 Resp: 286826
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 19.3 14.6 21.8



#50
Toluene-d8
Concen: 46.792 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

Tgt Ion: 98 Resp: 1086311
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

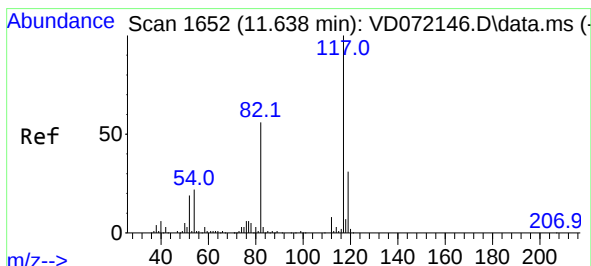
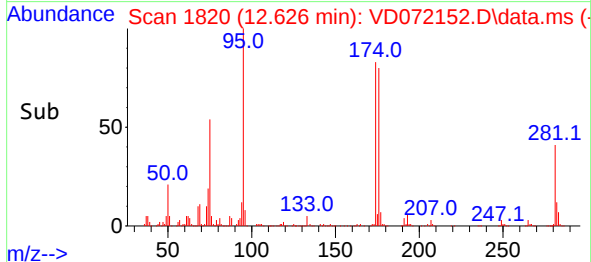
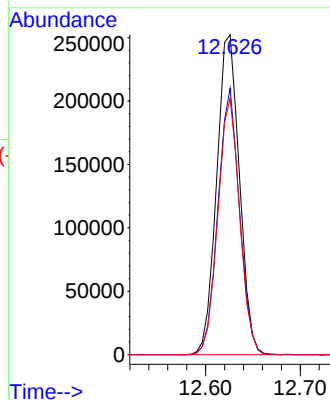
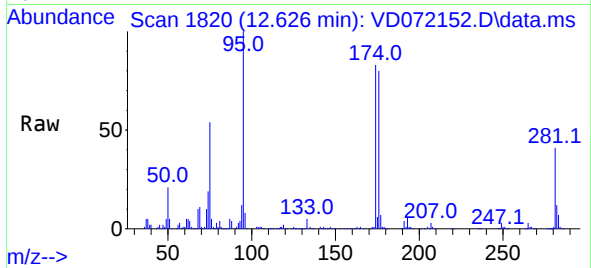




#62
4-Bromofluorobenzene
Concen: 46.694 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

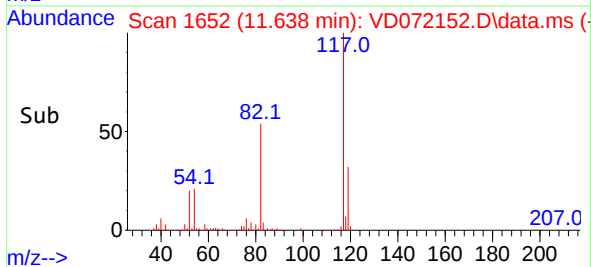
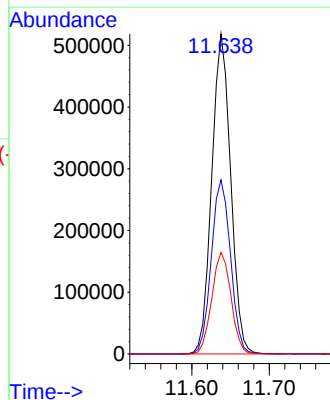
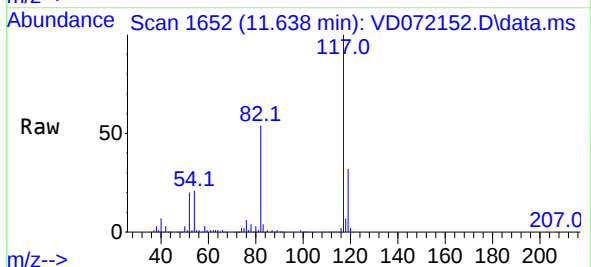
Instrument :
MSVOA_D
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VD0311SBL01

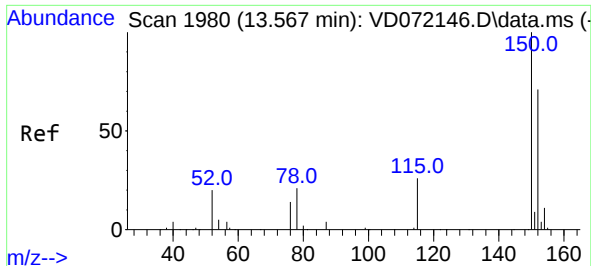
Tgt Ion: 95 Resp: 421203
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 76.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

Tgt Ion: 117 Resp: 879182
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 31.7 26.6 40.0

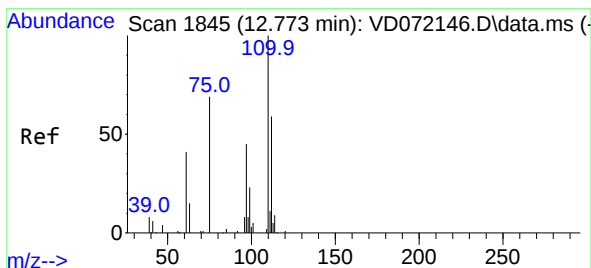
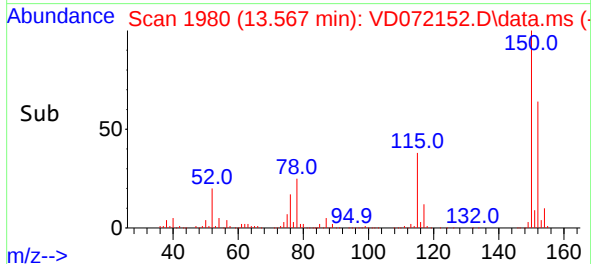
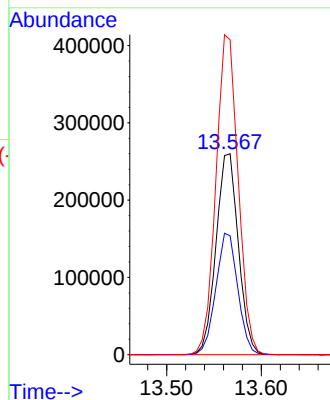
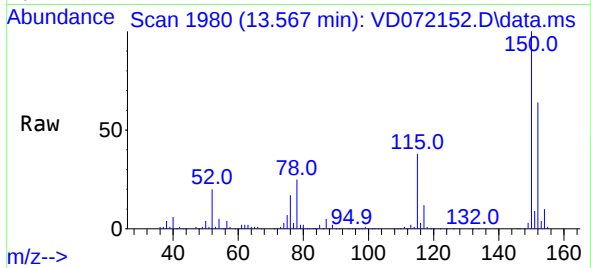




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

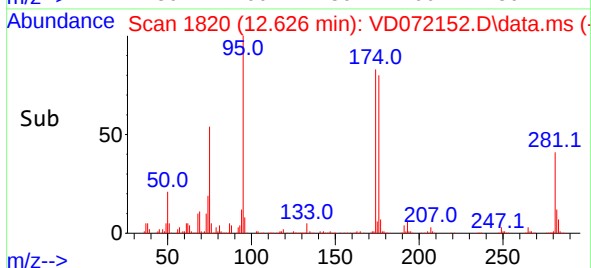
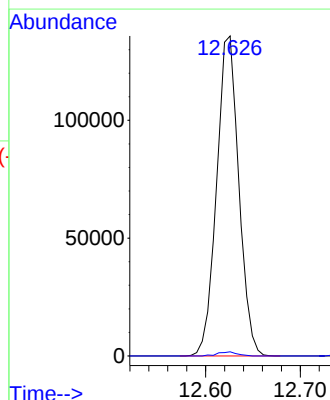
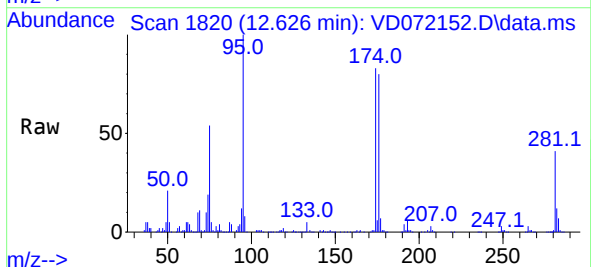
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

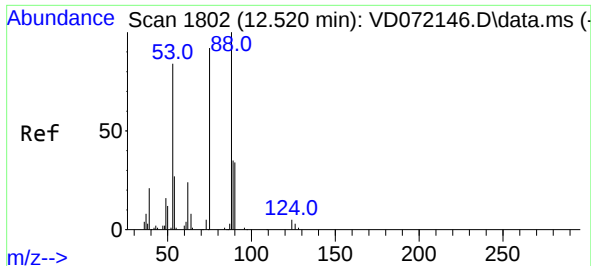
Tgt Ion:152 Resp: 427817
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 158.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.910 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

Tgt Ion: 75 Resp: 221380
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 116.390 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

Tgt Ion: 75 Resp: 221380
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.5 33.9 50.9#

