

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072283.D
 Acq On : 18 Mar 2022 12:00
 Operator : VA/SY
 Sample : VD0318SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBL01

Quant Time: Mar 19 05:21:30 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)

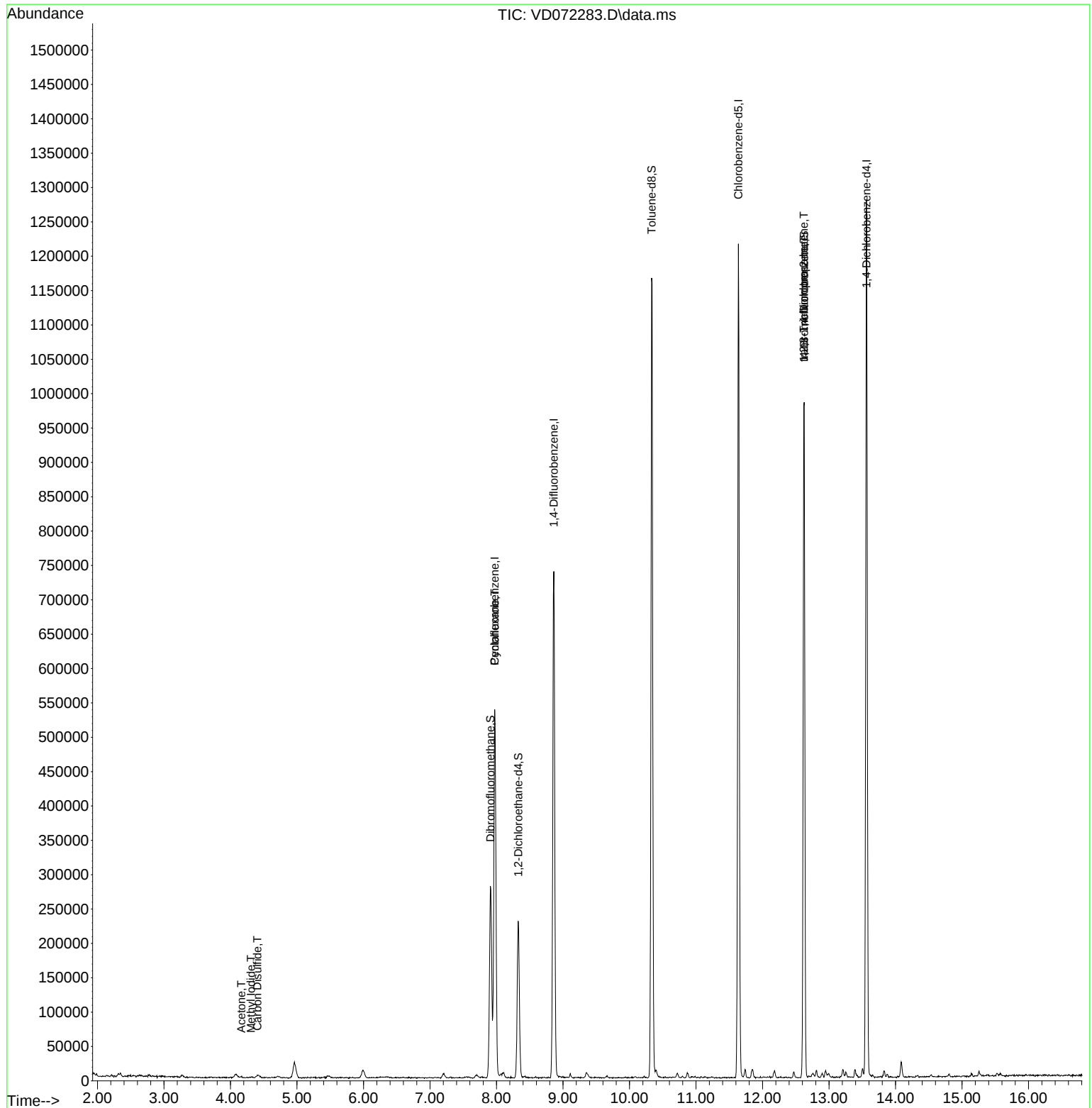
Internal Standards						
1) Pentafluorobenzene	7.973	168	380783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	631627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	667707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	337601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182824	43.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.160%
35) Dibromofluoromethane	7.909	113	201332	45.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.600%
50) Toluene-d8	10.332	98	786422	48.388	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.626	95	323843	51.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.560%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	1356	2.559	ug/l #	45
16) Acetone	4.162	43	2573	2.793	ug/l	98
17) Carbon Disulfide	4.403	76	6605	2.285	ug/l #	91
20) Methylene Chloride	4.962	84	17042	Below Cal		89
31) Cyclohexane	7.973	56	10850	1.637	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	167581	45.000	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	167581	111.649	ug/l #	7

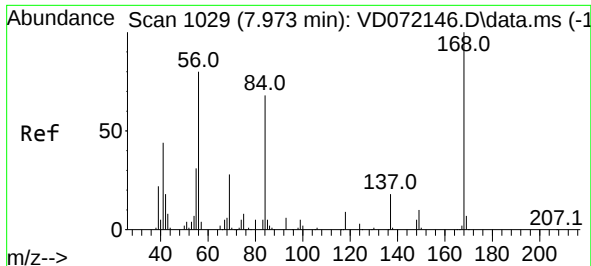
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072283.D
Acq On : 18 Mar 2022 12:00
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Sample : VD0318SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

Quant Time: Mar 19 05:21:30 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

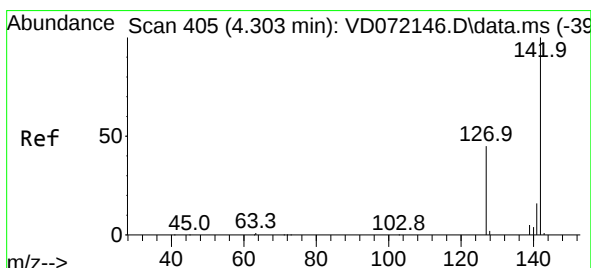
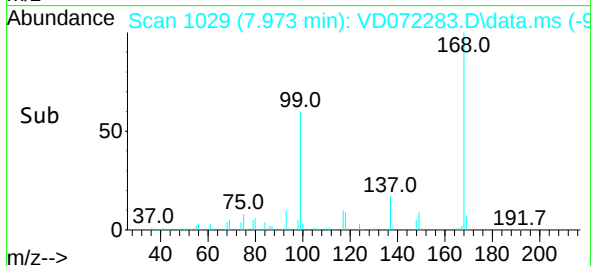
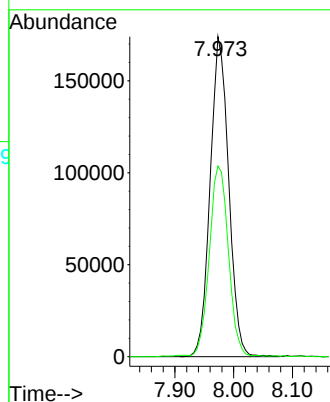
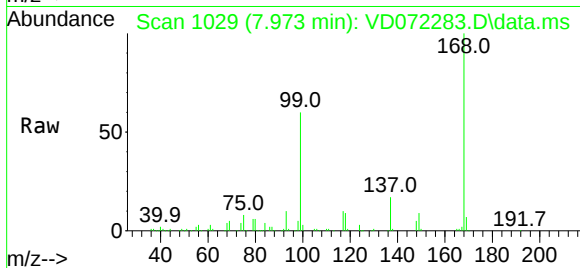




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

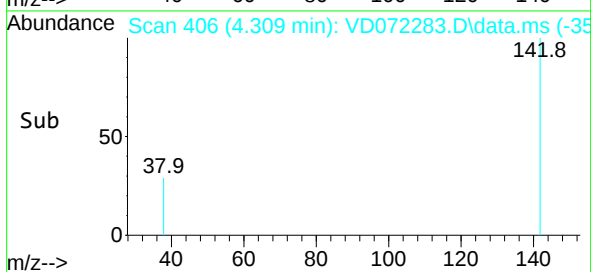
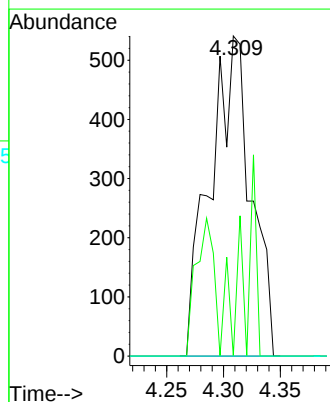
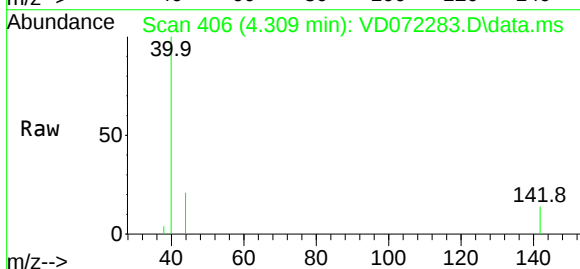
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

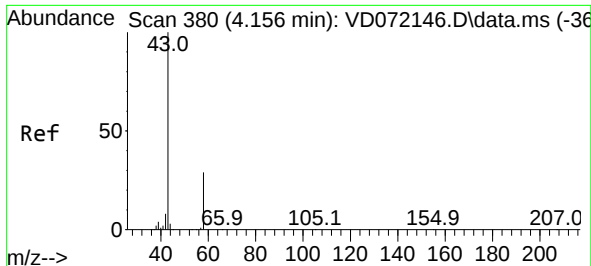
Tgt Ion:168 Resp: 380783
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#10
Methyl Iodide
Concen: 2.559 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

Tgt Ion:142 Resp: 1356
Ion Ratio Lower Upper
142 100
127 6.2 37.3 55.9#
141 0.0 11.7 17.5#

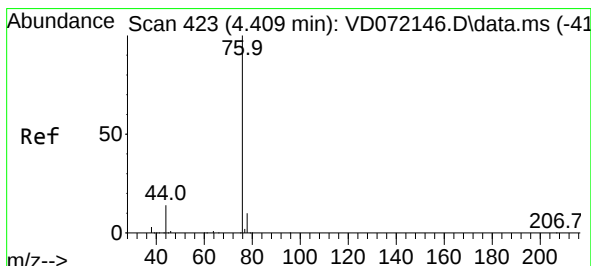
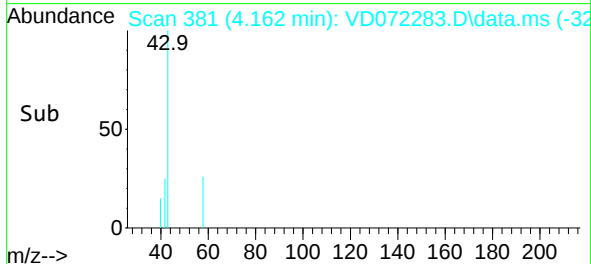
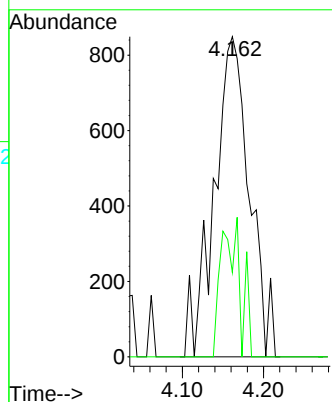
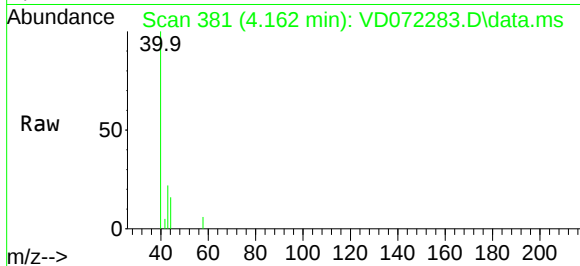




#16
Acetone
Concen: 2.793 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

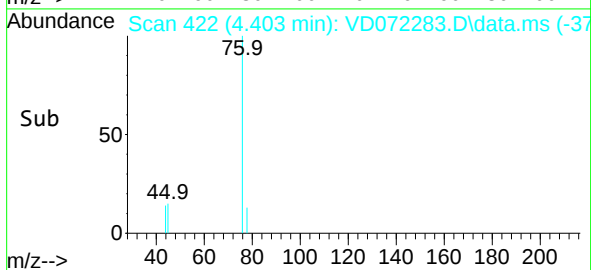
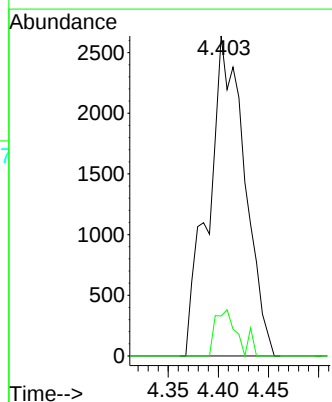
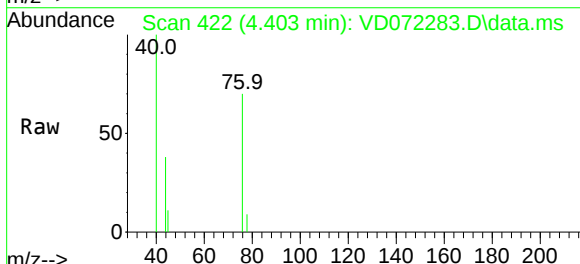
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

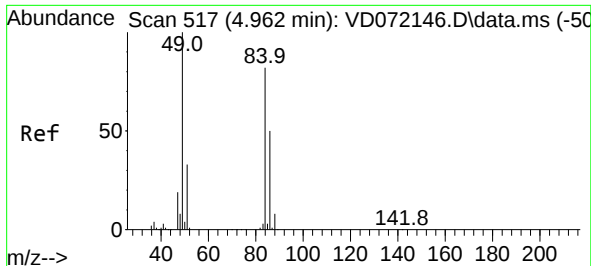
Tgt Ion: 43 Resp: 2573
Ion Ratio Lower Upper
43 100
58 26.4 22.1 33.1



#17
Carbon Disulfide
Concen: 2.285 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

Tgt Ion: 76 Resp: 6605
Ion Ratio Lower Upper
76 100
78 12.5 7.5 11.3#

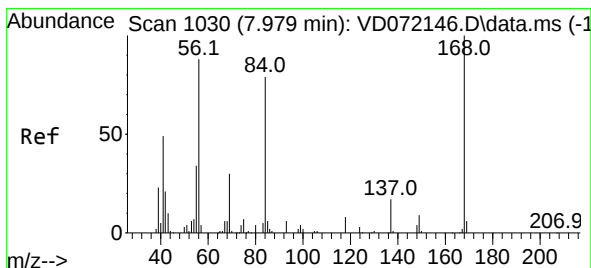
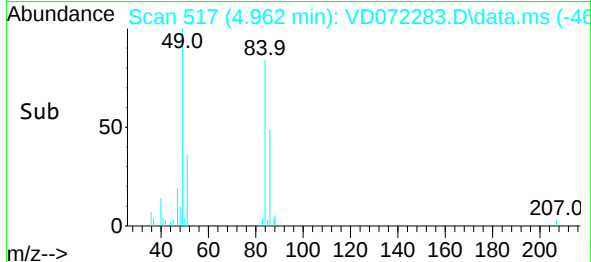
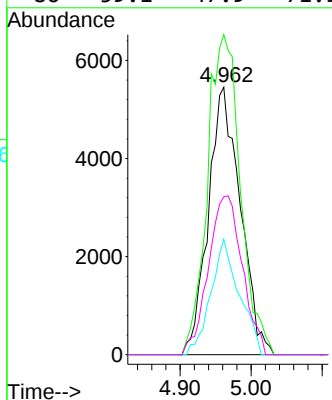
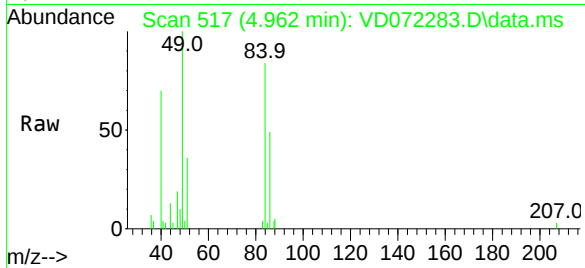




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

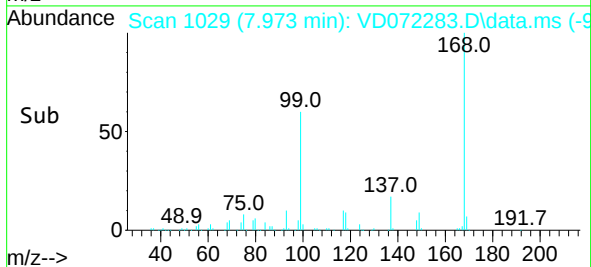
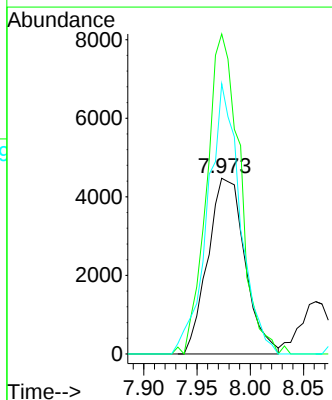
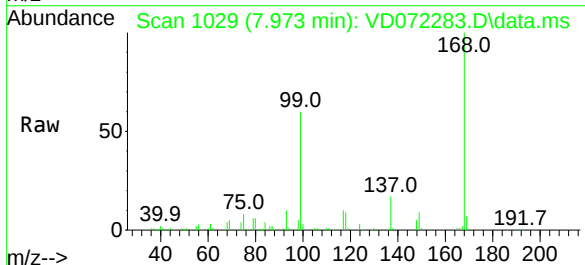
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

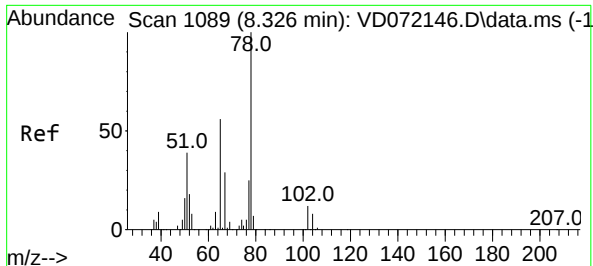
Tgt Ion:	84	Resp:	17042
Ion	Ratio	Lower	Upper
84	100		
49	119.7	112.8	169.2
51	43.1	32.6	48.8
86	59.1	47.9	71.9



#31
Cyclohexane
Concen: 1.637 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

Tgt Ion:	56	Resp:	10850
Ion	Ratio	Lower	Upper
56	100		
69	182.2	25.4	38.2#
84	153.8	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 43.082 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072283.D

Acq: 18 Mar 2022 12:00

Instrument :

MSVOA_D

ClientSampleId :

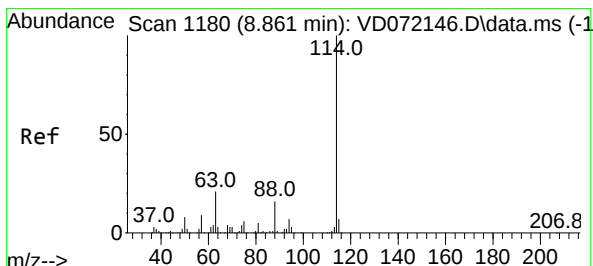
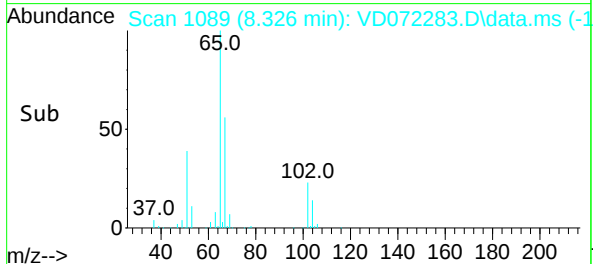
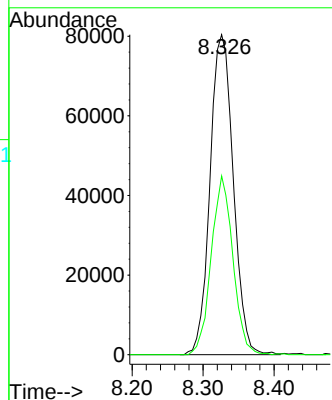
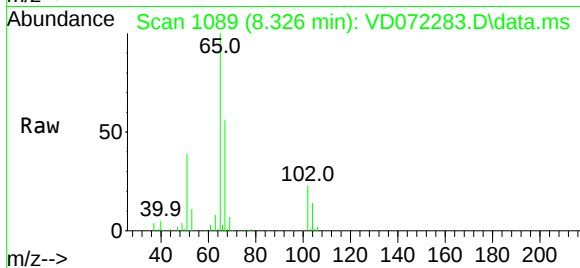
VD0318SBL01

Tgt Ion: 65 Resp: 182824

Ion Ratio Lower Upper

65 100

67 52.0 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: VD072283.D

Acq: 18 Mar 2022 12:00

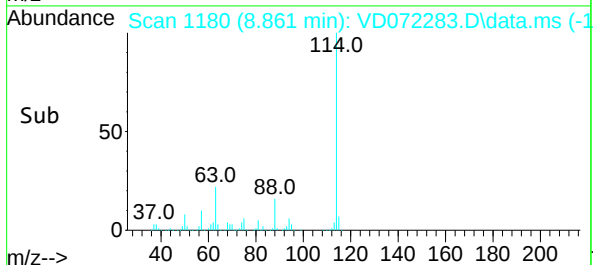
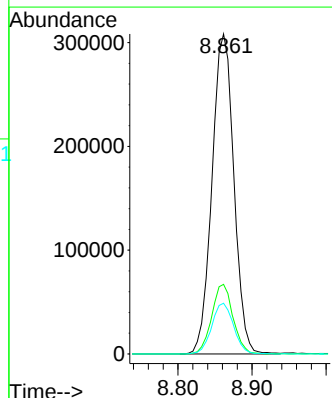
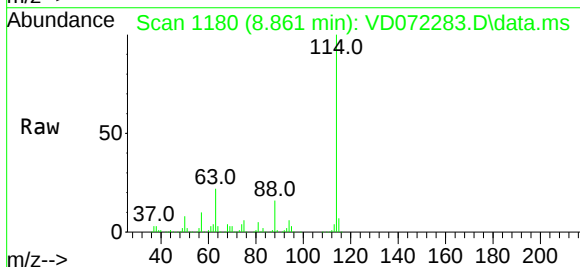
Tgt Ion: 114 Resp: 631627

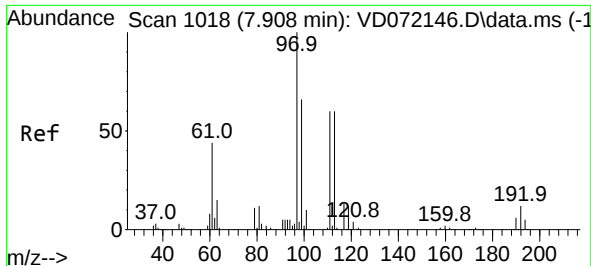
Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 15.9 0.0 33.2

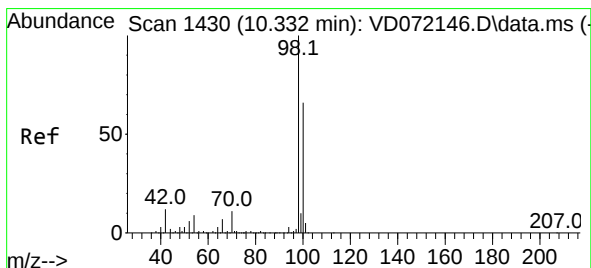
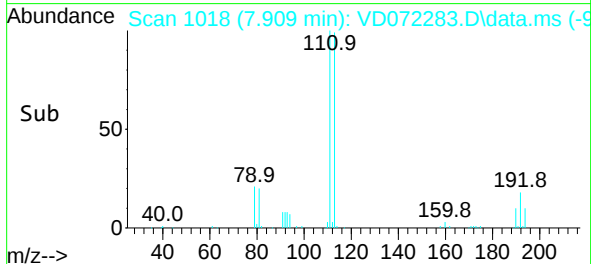
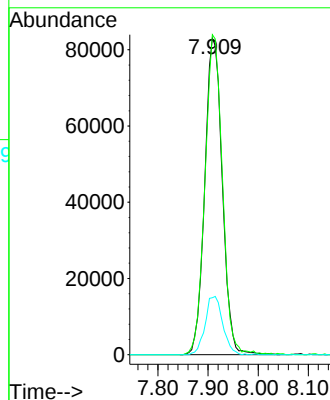
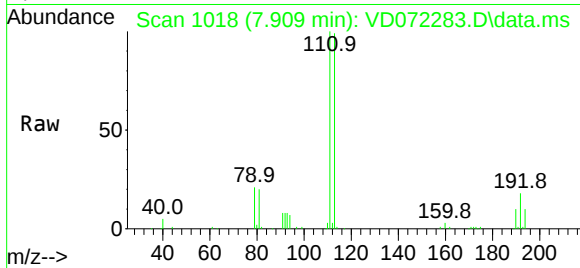




#35
Dibromofluoromethane
Concen: 45.296 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

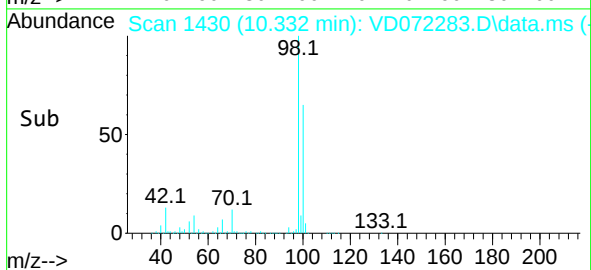
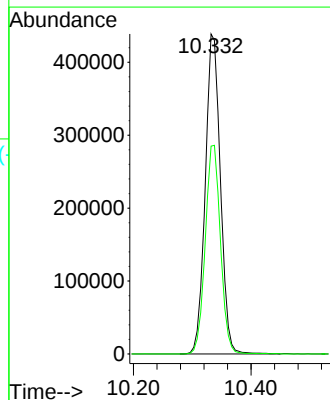
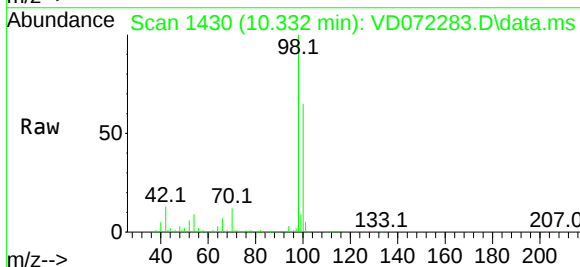
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

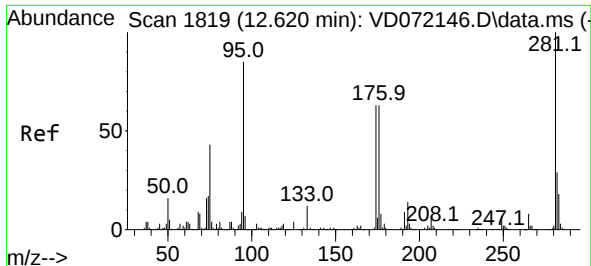
Tgt Ion:113 Resp: 201332
Ion Ratio Lower Upper
113 100
111 101.2 83.8 125.6
192 18.6 14.6 21.8



#50
Toluene-d8
Concen: 48.388 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

Tgt Ion: 98 Resp: 786422
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 51.282 ug/l

RT: 12.626 min Scan# 1819

Delta R.T. 0.006 min

Lab File: VD072283.D

Acq: 18 Mar 2022 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBL01

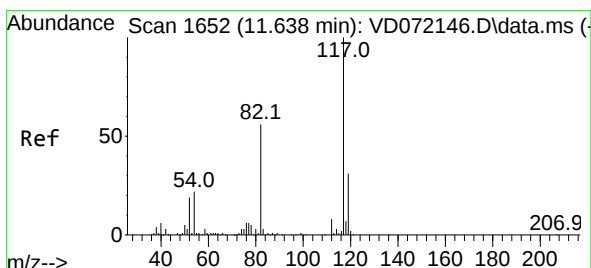
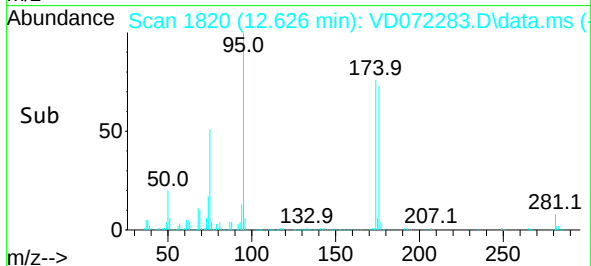
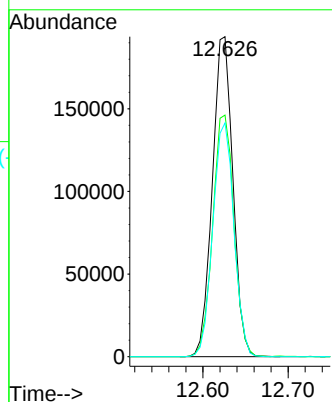
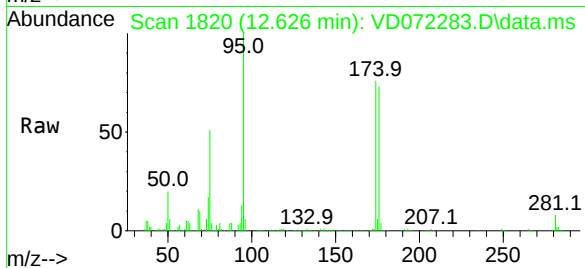
Tgt Ion: 95 Resp: 323843

Ion Ratio Lower Upper

95 100

174 78.1 0.0 152.8

176 74.9 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: VD072283.D

Acq: 18 Mar 2022 12:00

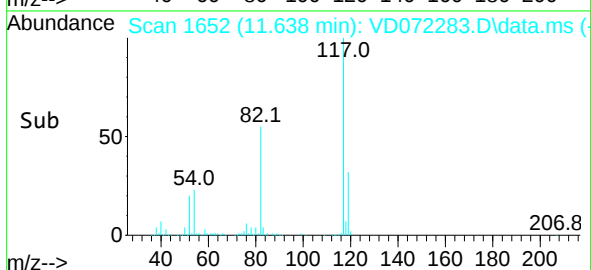
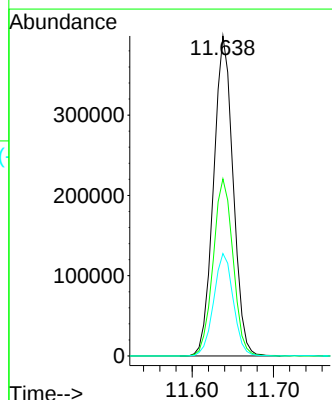
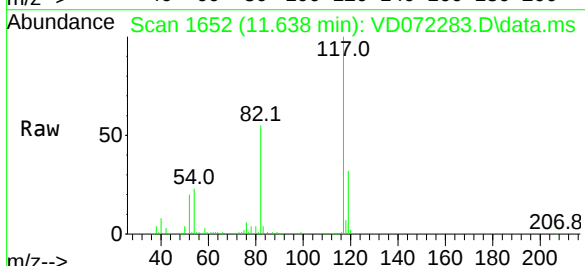
Tgt Ion: 117 Resp: 667707

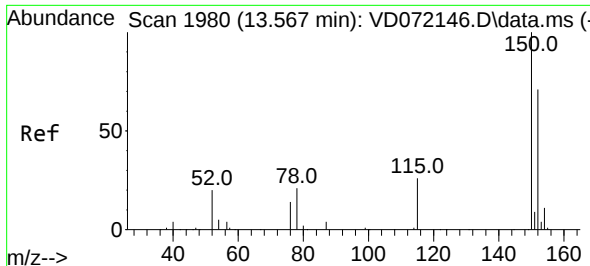
Ion Ratio Lower Upper

117 100

82 55.3 45.3 67.9

119 32.0 26.6 40.0

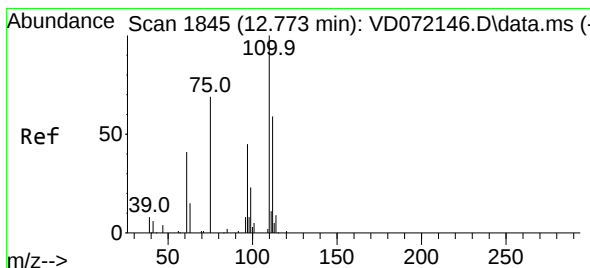
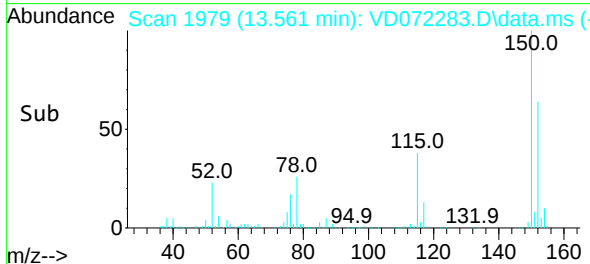
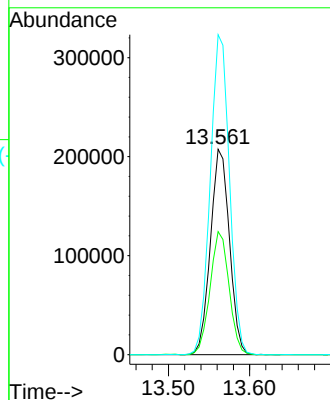
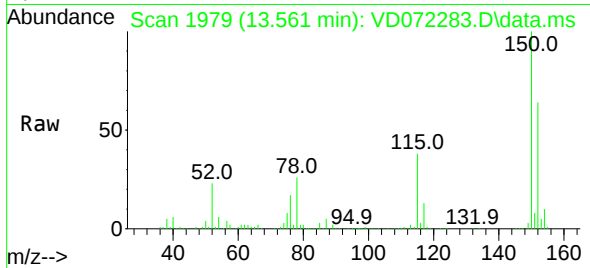




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

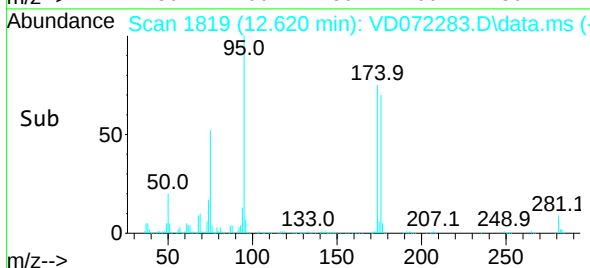
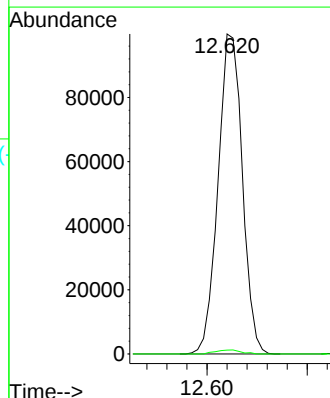
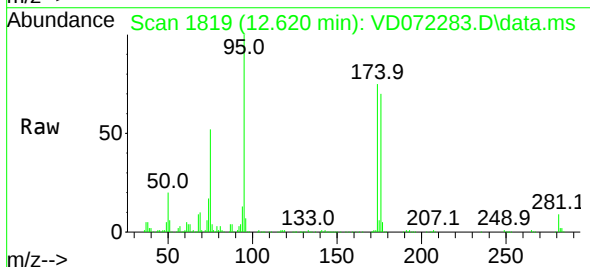
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

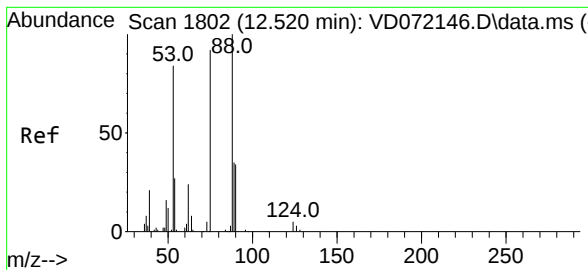
Tgt Ion:152 Resp: 337601
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 157.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 45.000 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

Tgt Ion: 75 Resp: 167581
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.649 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD072283.D
 Acq: 18 Mar 2022 12:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBL01

Tgt Ion: 75 Resp: 167581
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.2 33.9 50.9#

