

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092921\
 Data File : VD070516.D
 Acq On : 29 Sep 2021 12:03
 Operator : VA/SY
 Sample : VD0929SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBL01

Quant Time: Sep 30 00:43:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

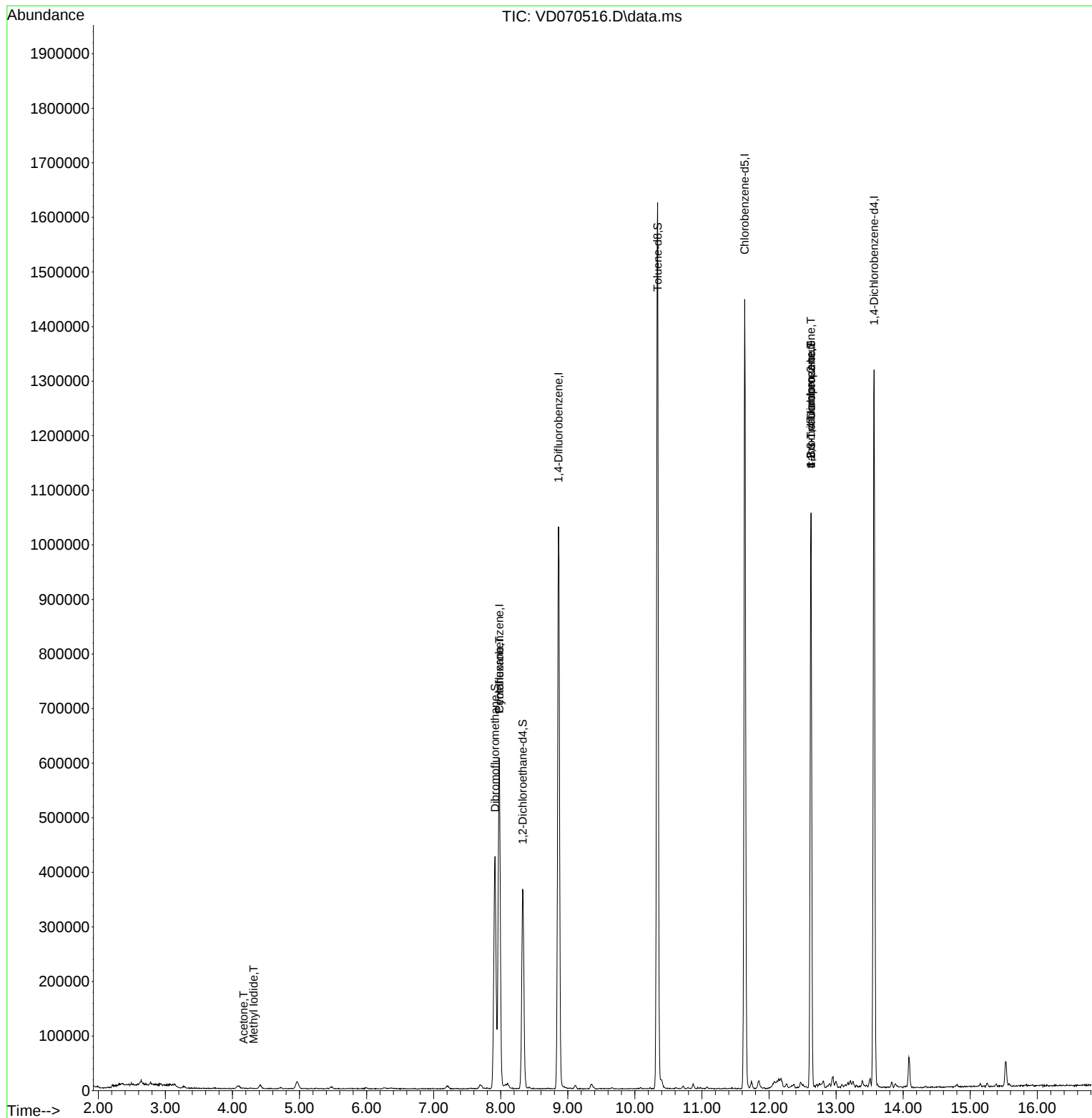
Internal Standards						
1) Pentafluorobenzene	7.979	168	417246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	895048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	840537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	357546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	291174	54.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.700%
35) Dibromofluoromethane	7.914	113	311569	48.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.800%
50) Toluene-d8	10.338	98	1147836	49.622	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.626	95	365433	45.203	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1831	Below Cal		95
3) Chloromethane	2.215	50	2690	Below Cal		93
5) Bromomethane	2.779	94	3110	Below Cal		93
6) Chloroethane	2.926	64	1650	Below Cal	#	67
10) Methyl Iodide	4.315	142	1579	1.328 ug/l	#	48
16) Acetone	4.167	43	1646	1.721 ug/l	#	67
18) Methyl Acetate	4.726	43	135	Below Cal	#	48
20) Methylene Chloride	4.967	84	10827	Below Cal		88
31) Cyclohexane	7.979	56	11811	1.280 ug/l	#	1
76) 1,2,3-Trichloropropane	12.626	75	175673	48.574 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	175673	121.706 ug/l	#	17

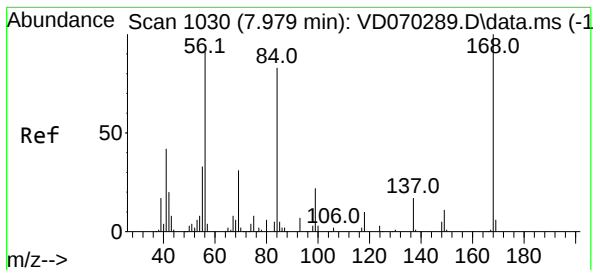
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD070516.D
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Sep 30 00:43:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

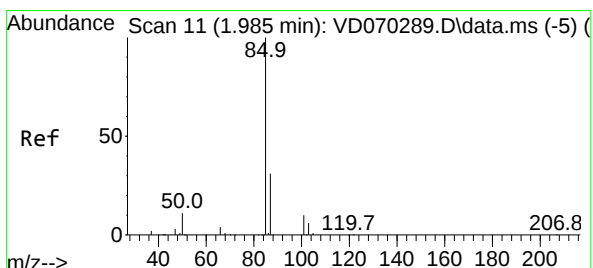
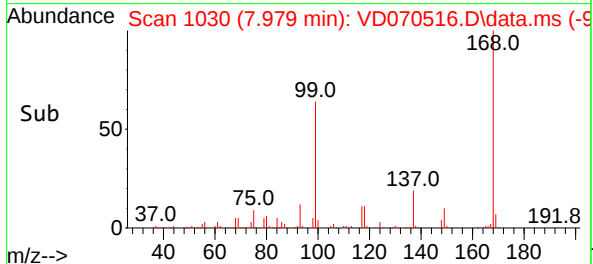
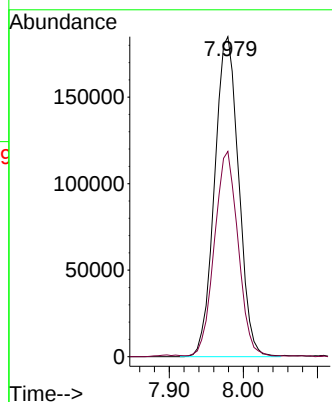
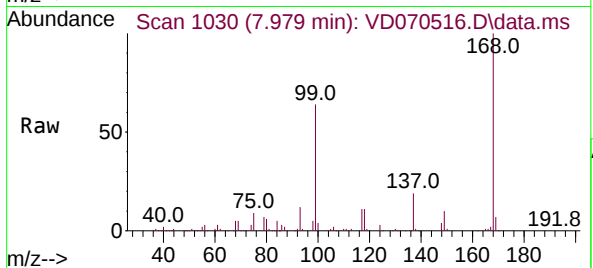




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

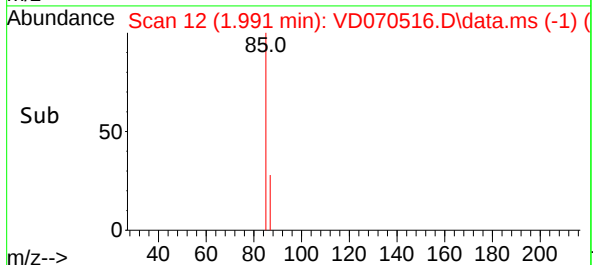
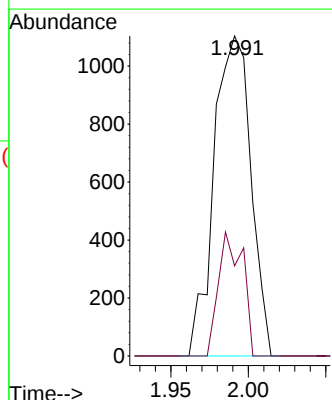
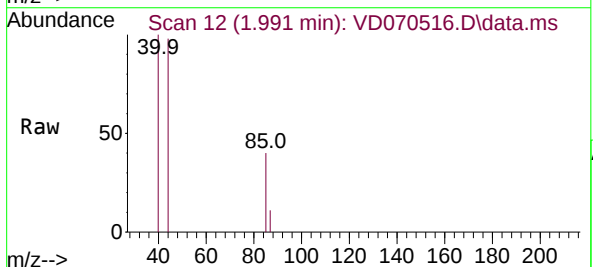
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBL01

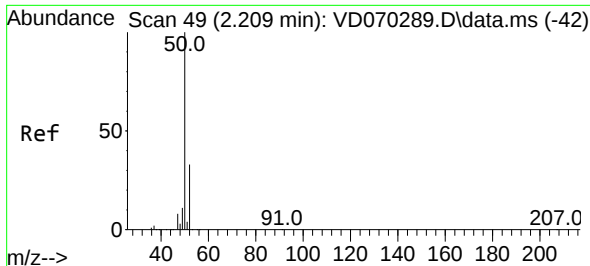
Tgt Ion:168 Resp: 417246
Ion Ratio Lower Upper
168 100
99 63.9 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

Tgt Ion: 85 Resp: 1831
Ion Ratio Lower Upper
85 100
87 28.2 15.6 46.8

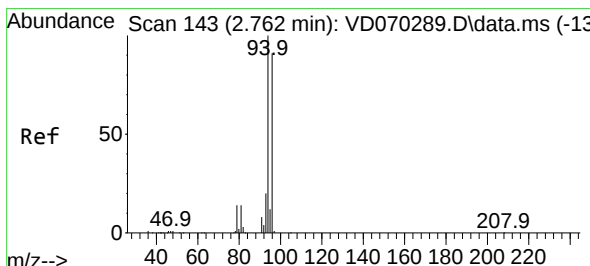
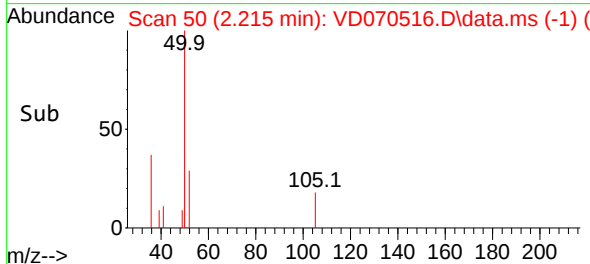
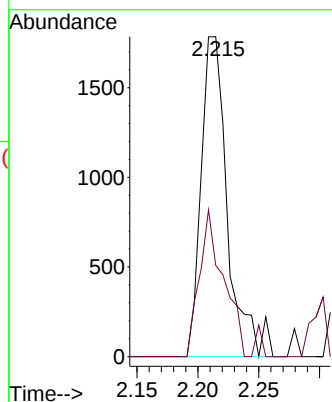
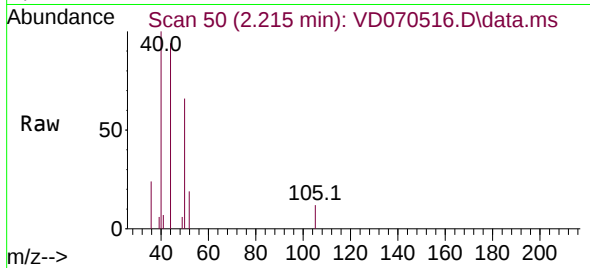




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

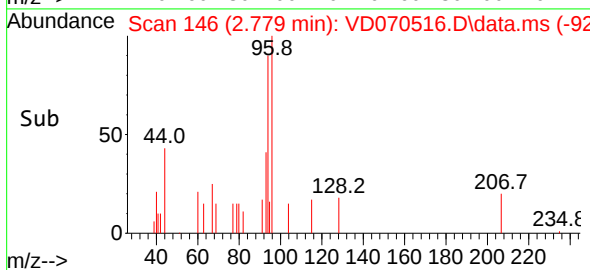
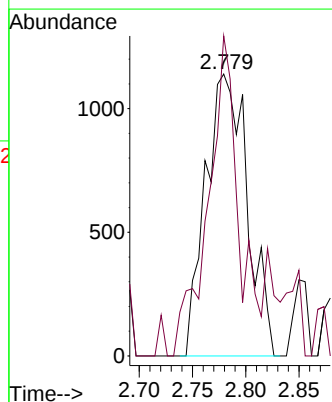
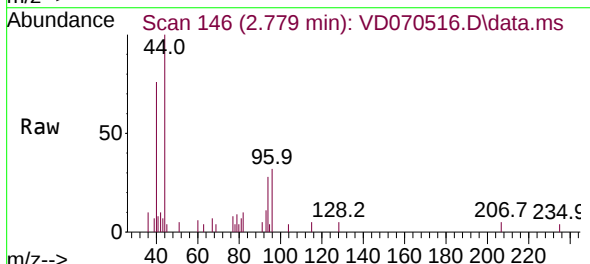
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBL01

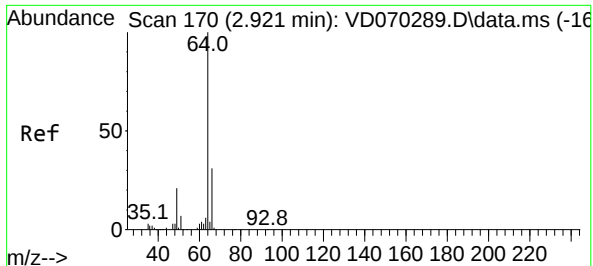
Tgt Ion: 50 Resp: 2690
Ion Ratio Lower Upper
50 100
52 28.5 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

Tgt Ion: 94 Resp: 3110
Ion Ratio Lower Upper
94 100
96 98.0 73.0 109.6

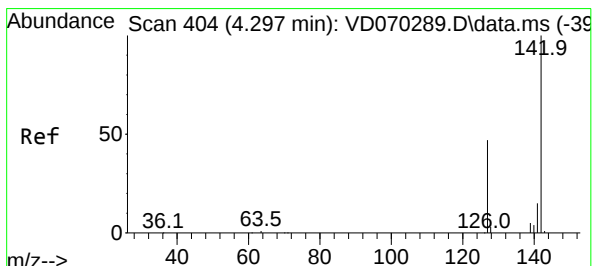
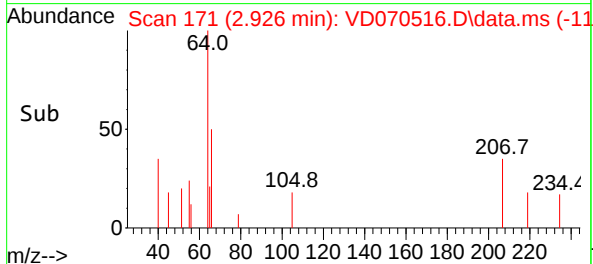
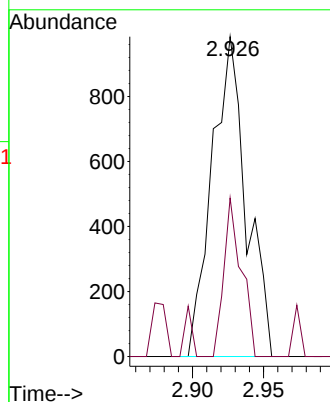
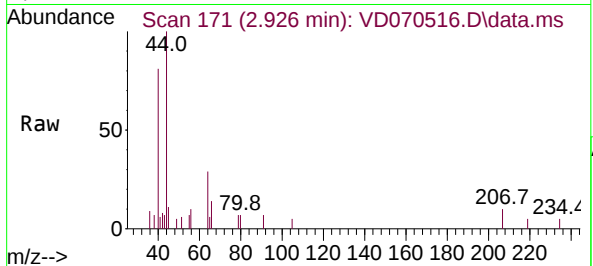




#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

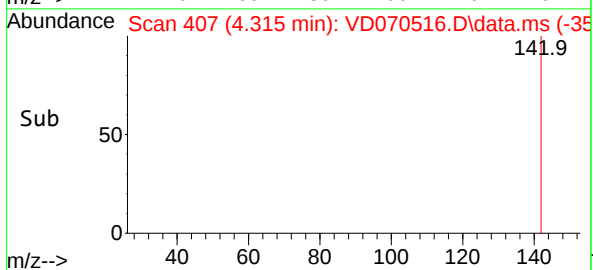
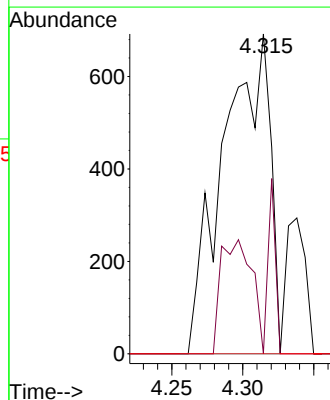
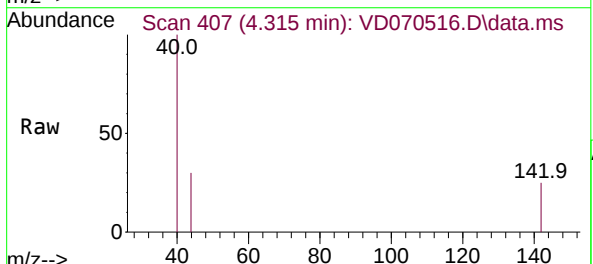
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBL01

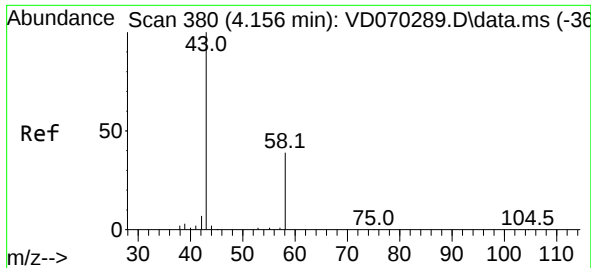
Tgt Ion: 64 Resp: 1650
Ion Ratio Lower Upper
64 100
66 49.6 25.0 37.4#



#10
Methyl Iodide
Concen: 1.328 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

Tgt Ion: 142 Resp: 1579
Ion Ratio Lower Upper
142 100
127 8.5 36.9 55.3#
141 0.0 11.8 17.6#

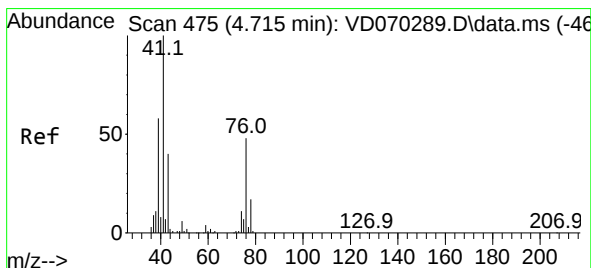
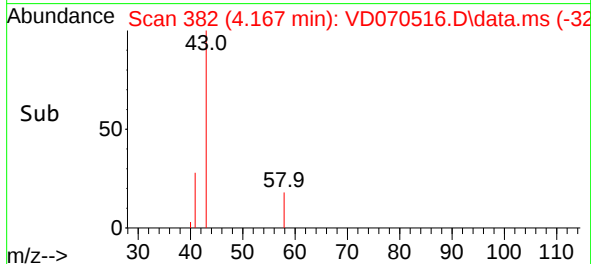
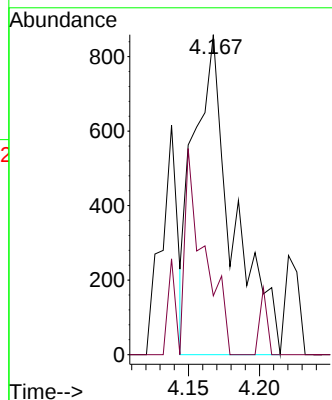
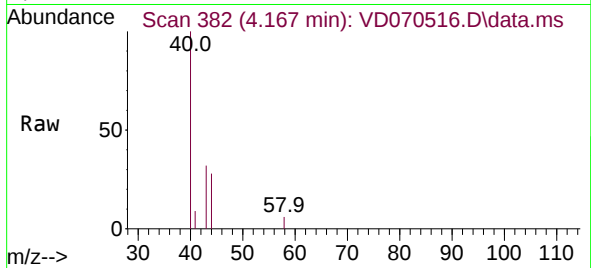




#16
Acetone
Concen: 1.721 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

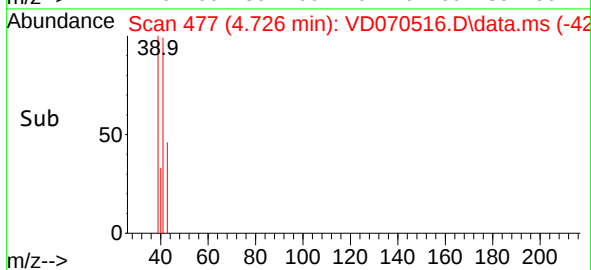
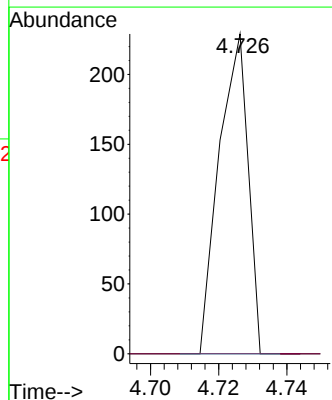
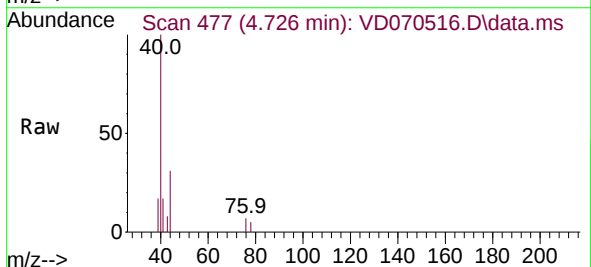
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBL01

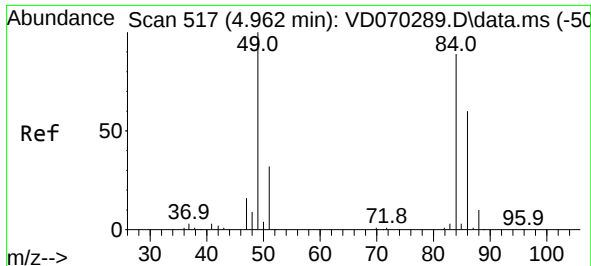
Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
58 18.4 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

Tgt Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

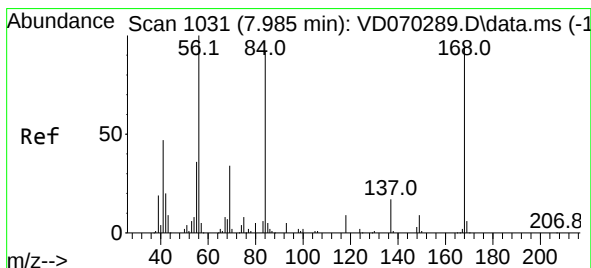
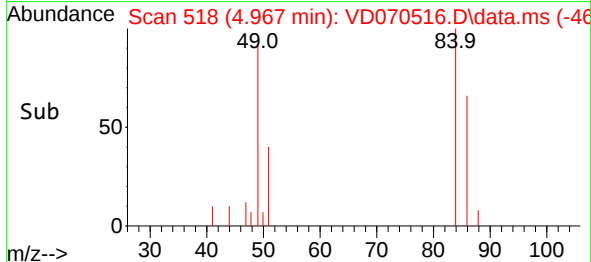
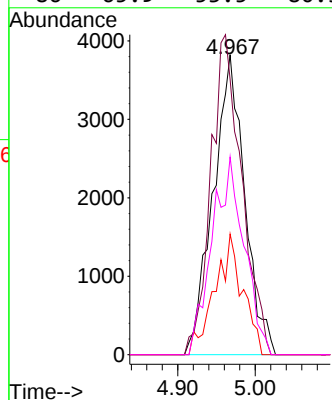
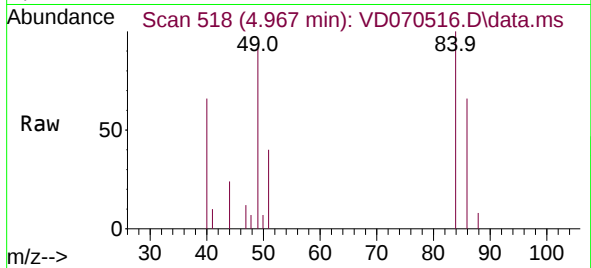




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

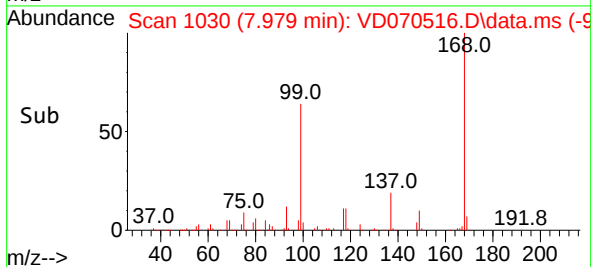
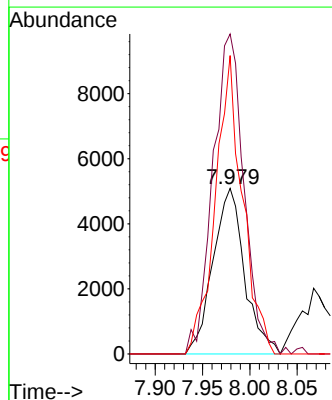
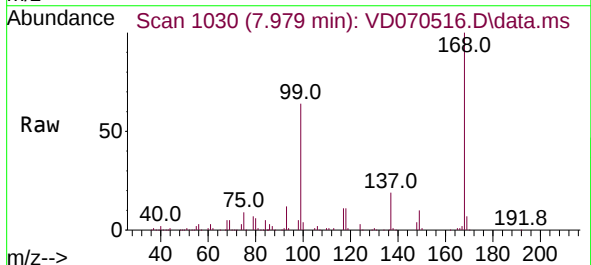
Instrument :
MSVOA_D
ClientSampleId :
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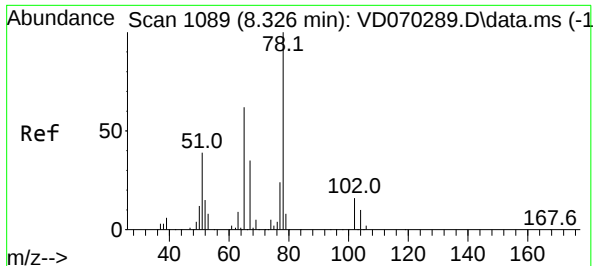
Tgt Ion:	84	Resp:	10827
Ion	Ratio	Lower	Upper
84	100		
49	91.7	89.6	134.4
51	40.2	28.6	43.0
86	65.9	53.5	80.3



#31
Cyclohexane
Concen: 1.280 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

Tgt Ion:	56	Resp:	11811
Ion	Ratio	Lower	Upper
56	100		
69	193.2	26.9	40.3#
84	180.2	73.6	110.4#

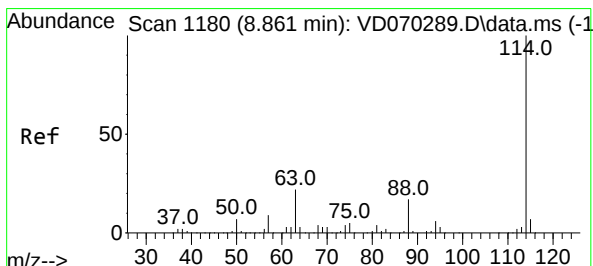
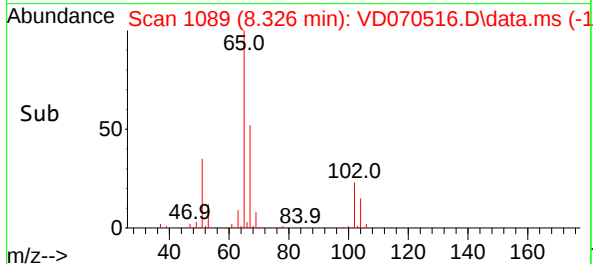
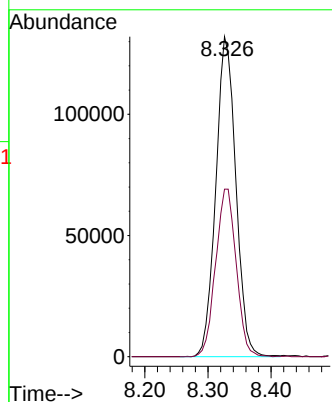
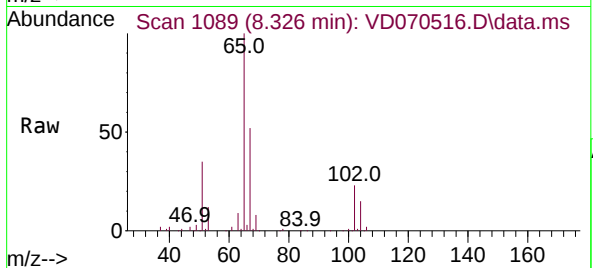




#33
1,2-Dichloroethane-d4
Concen: 54.349 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

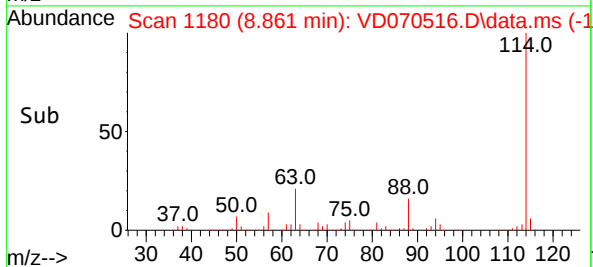
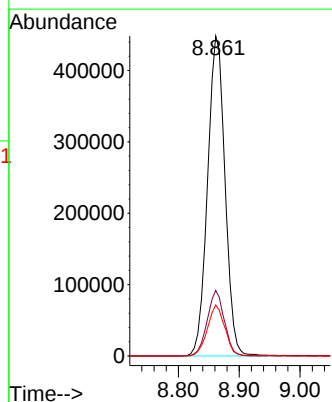
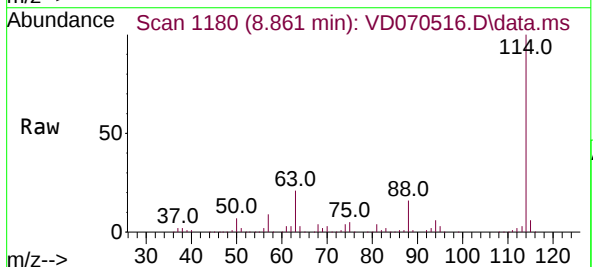
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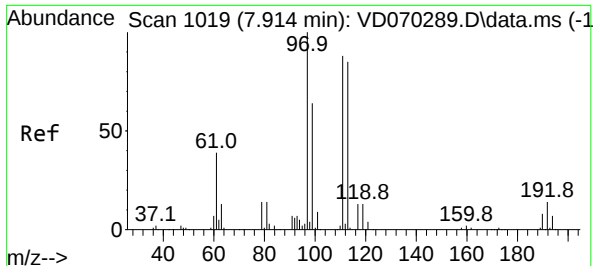
Tgt Ion: 65 Resp: 291174
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

Tgt Ion: 114 Resp: 895048
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.4
88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.904 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070516.D

Acq: 29 Sep 2021 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBL01

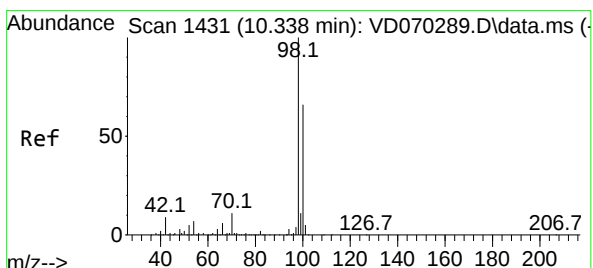
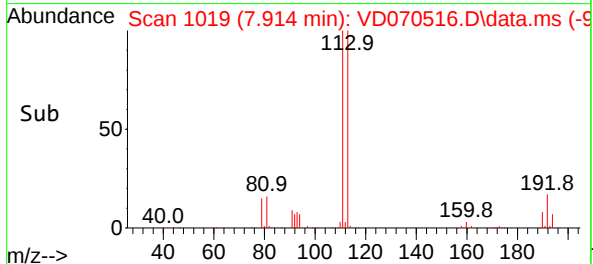
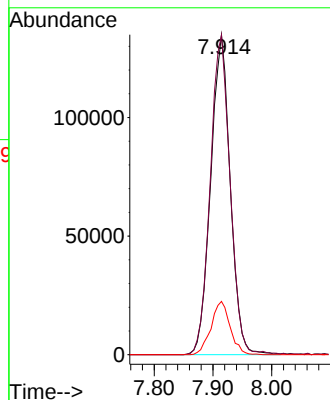
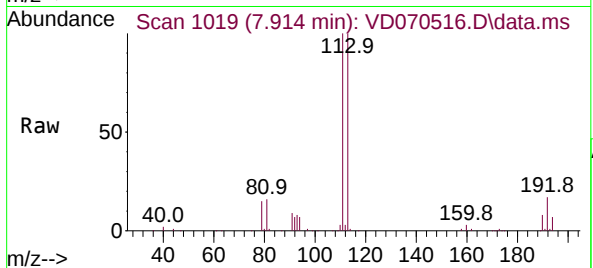
Tgt Ion:113 Resp: 311569

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.2

192 16.3 13.0 19.6



#50

Toluene-d8

Concen: 49.622 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD070516.D

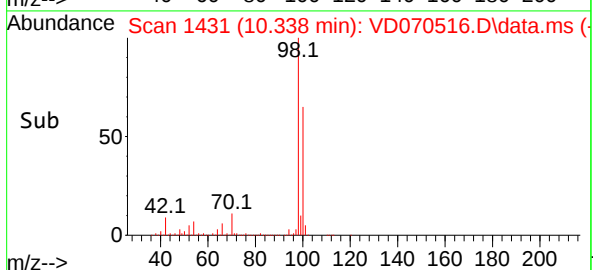
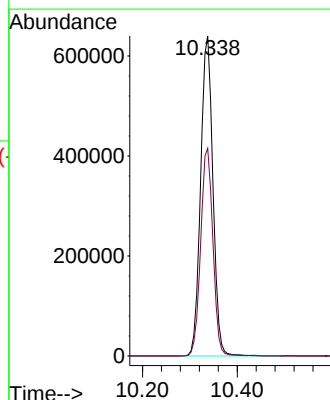
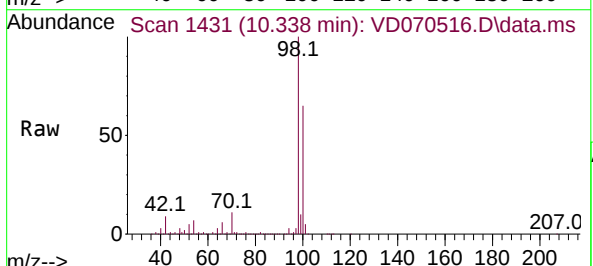
Acq: 29 Sep 2021 12:03

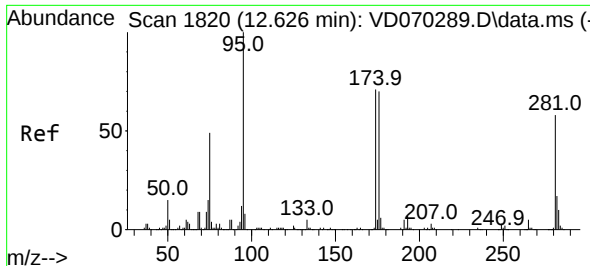
Tgt Ion: 98 Resp: 1147836

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

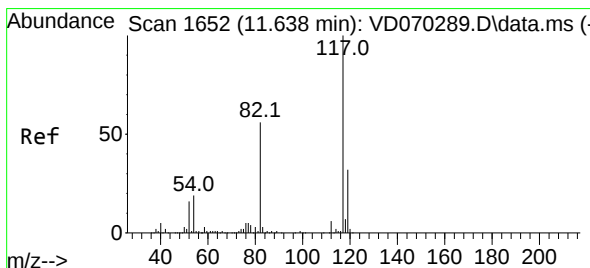
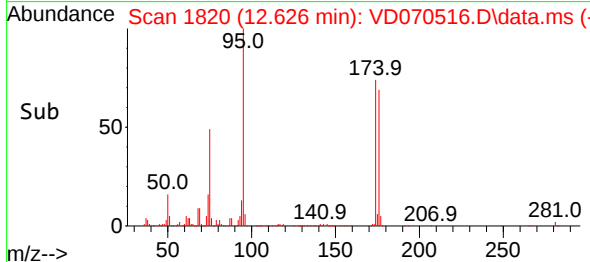
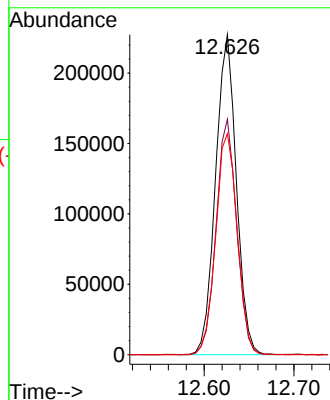
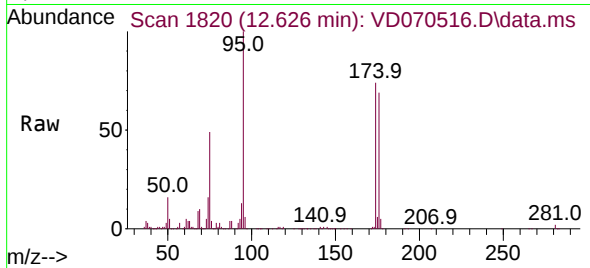




#62
4-Bromofluorobenzene
Concen: 45.203 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

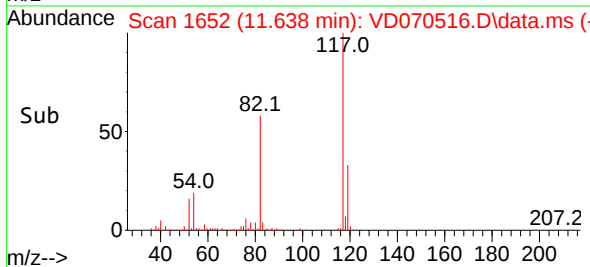
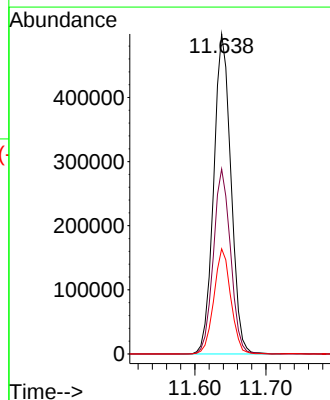
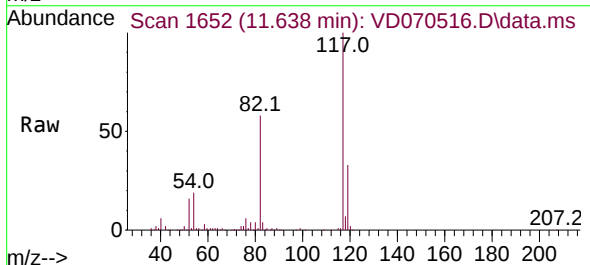
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBL01

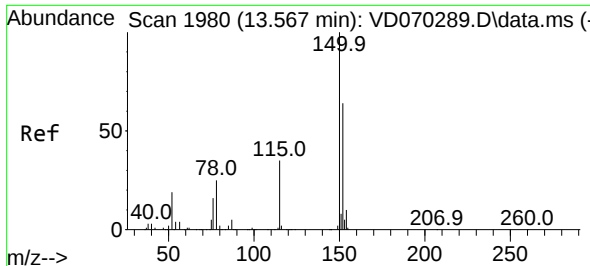
Tgt Ion: 95 Resp: 365433
Ion Ratio Lower Upper
95 100
174 72.9 0.0 140.6
176 71.5 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

Tgt Ion: 117 Resp: 840537
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.8 25.2 37.8

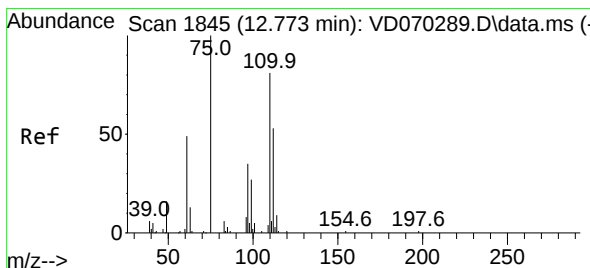
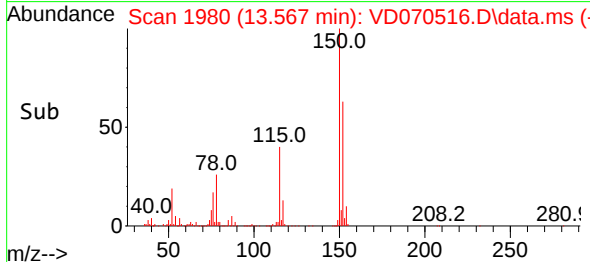
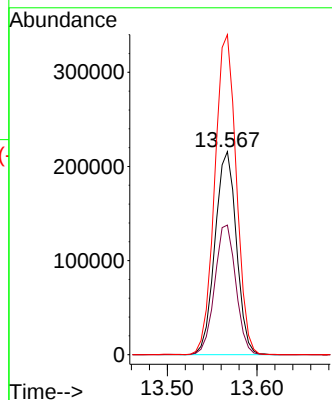
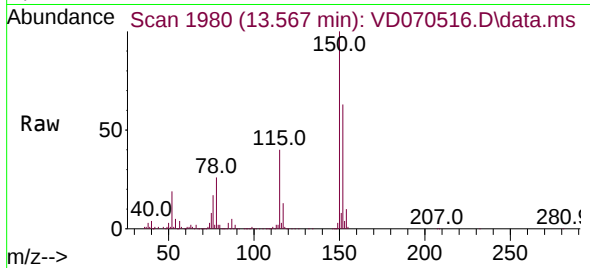




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

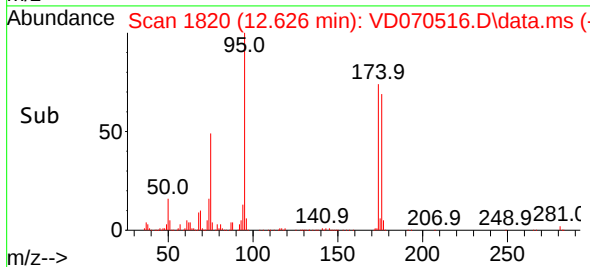
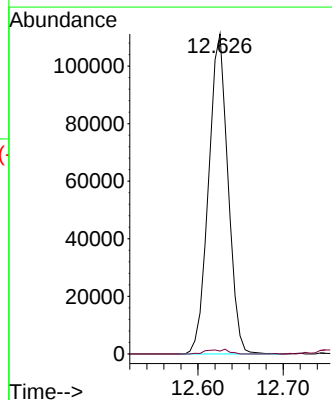
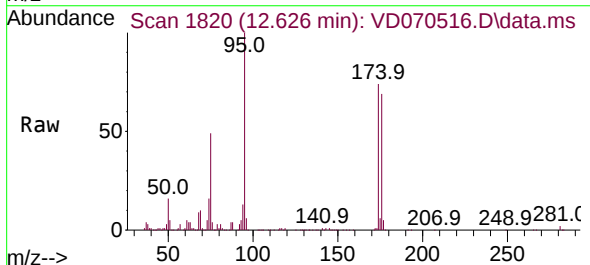
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBL01

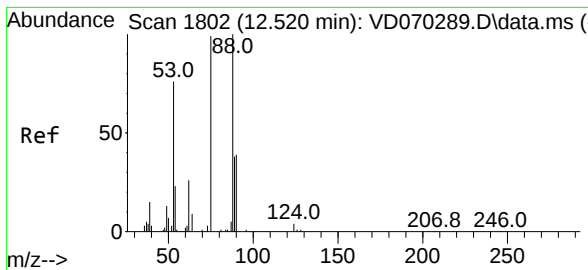
Tgt Ion:152 Resp: 357546
Ion Ratio Lower Upper
152 100
115 63.0 32.1 96.3
150 158.3 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 48.574 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070516.D
Acq: 29 Sep 2021 12:03

Tgt Ion: 75 Resp: 175673
Ion Ratio Lower Upper
75 100
77 1.6 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.706 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070516.D
 Acq: 29 Sep 2021 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBL01

Tgt Ion: 75 Resp: 175673
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.2 96.2#
 89 0.1 35.6 53.4#

