

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068782.D
 Acq On : 08 Apr 2021 11:47
 Operator : VA/SY
 Sample : VD0408SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 08 16:40:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

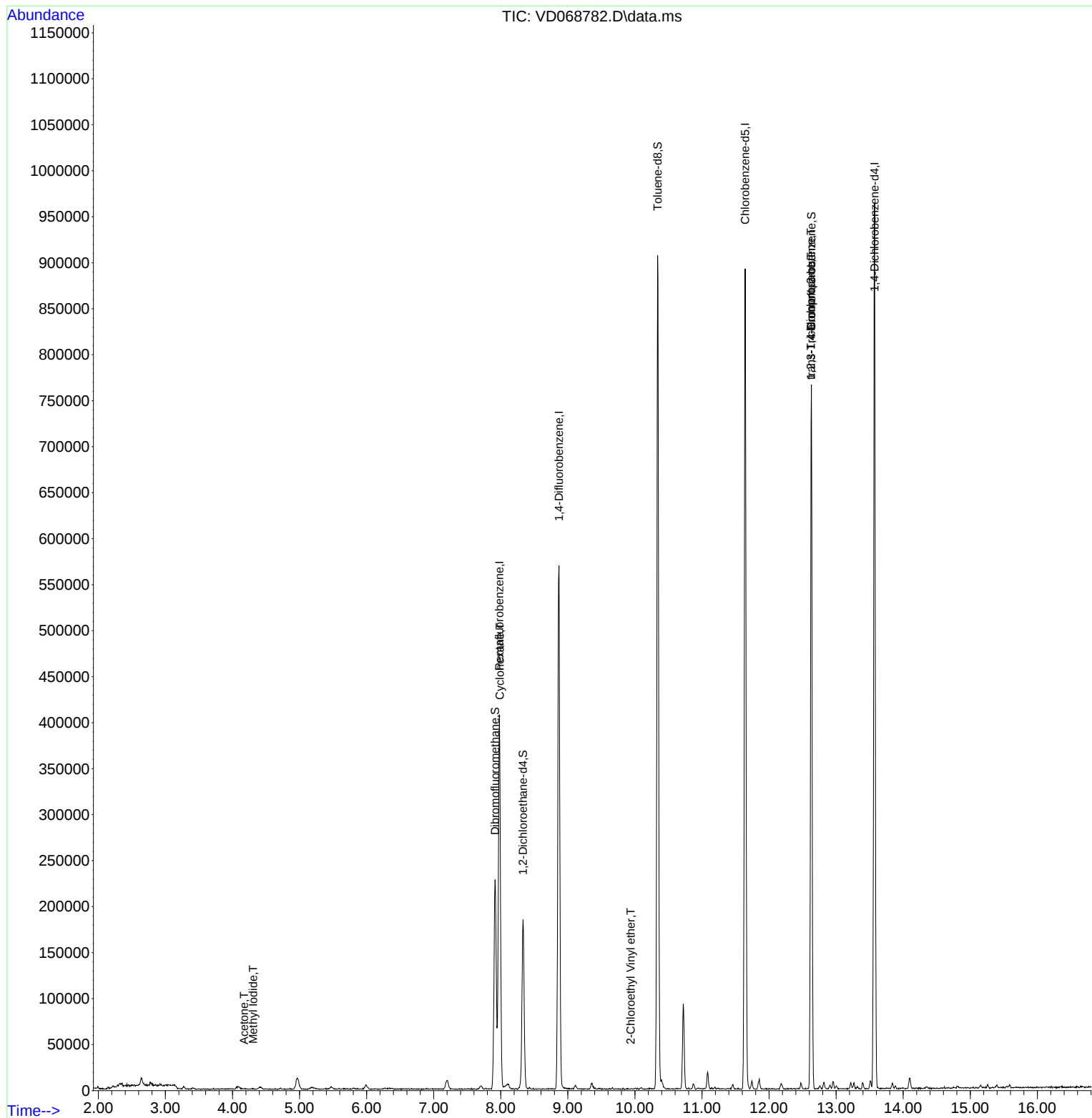
Internal Standards						
1) Pentafluorobenzene	7.979	168	295439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	513810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	531430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	259023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141652	45.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.74%
35) Dibromofluoromethane	7.914	113	164772	49.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.60%
50) Toluene-d8	10.338	98	644673	51.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.26%
62) 4-Bromofluorobenzene	12.632	95	229116	54.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.44%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	1022	2.52	ug/l #	59
11) Tert butyl alcohol	5.179	59	2065	Below	Cal #	73
16) Acetone	4.173	43	670	1.55	ug/l #	40
20) Methylene Chloride	4.967	84	10755	Below	Cal	92
31) Cyclohexane	7.985	56	8263	1.59	ug/l #	20
58) 2-Chloroethyl Vinyl ether	9.938	63	328	17.19	ug/l #	44
76) 1,2,3-Trichloropropane	12.626	75	116545	49.25	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	116545	114.30	ug/l #	16

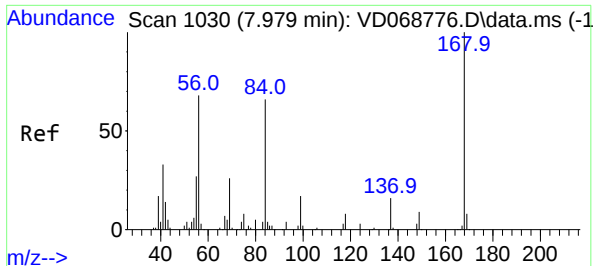
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068782.D
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Operator : VA/SY
Sample : VD0408SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Apr 08 16:40:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

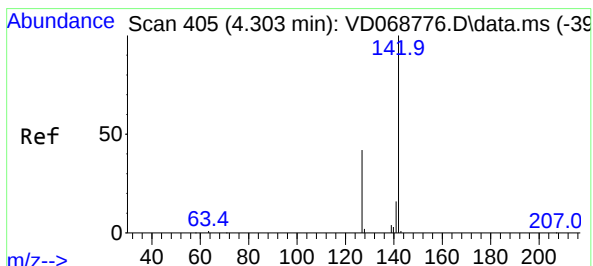
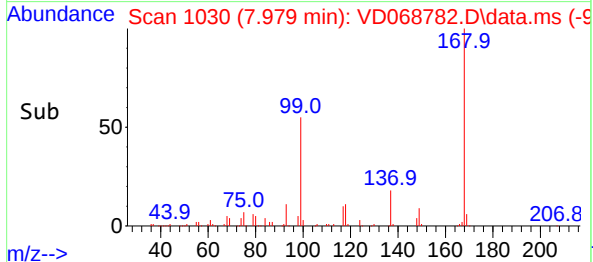
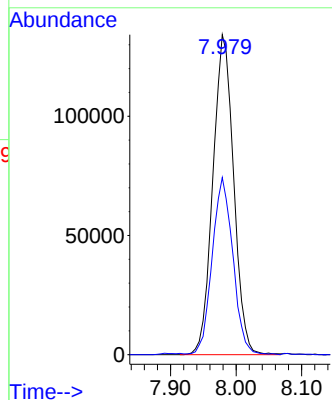
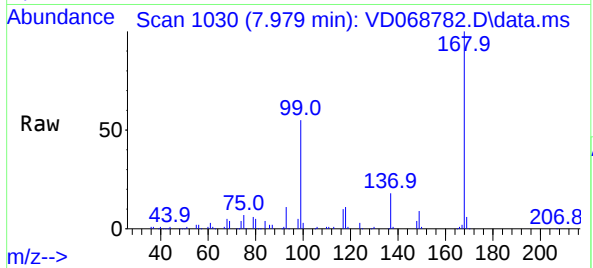




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

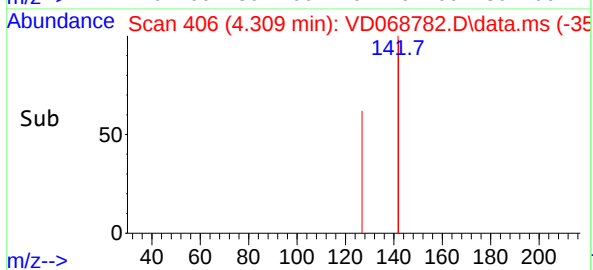
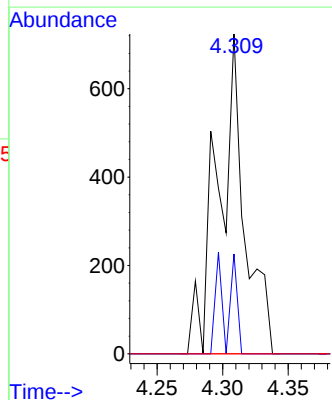
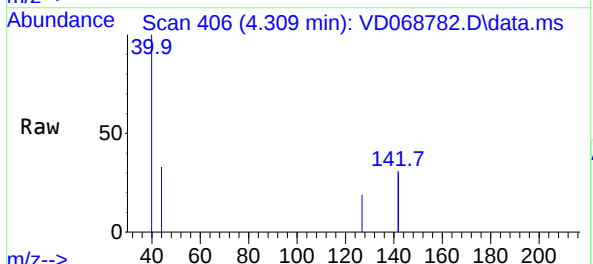
Instrument :
MSVOA_D
ClientSampled :

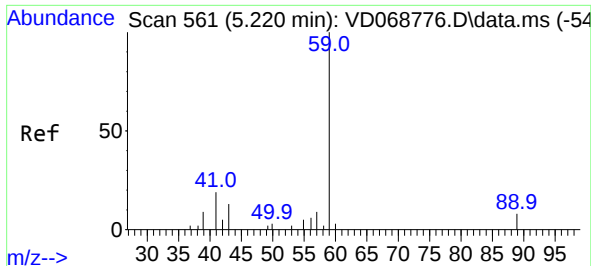
Tgt Ion:168 Resp: 295439
Ion Ratio Lower Upper
168 100
99 55.4 46.2 69.2



#10
Methyl Iodide
Concen: 2.52 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Tgt Ion:142 Resp: 1022
Ion Ratio Lower Upper
142 100
127 15.8 34.7 52.1#
141 0.0 11.0 16.4#



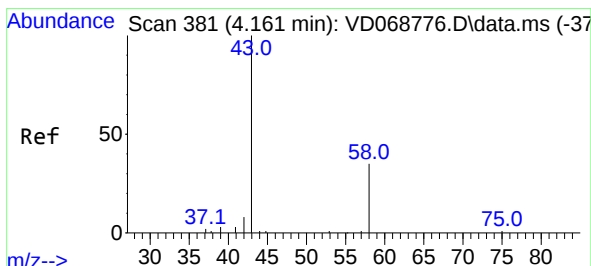
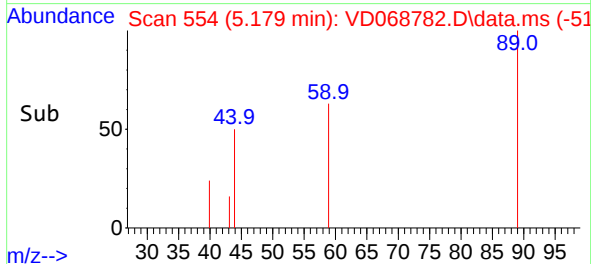
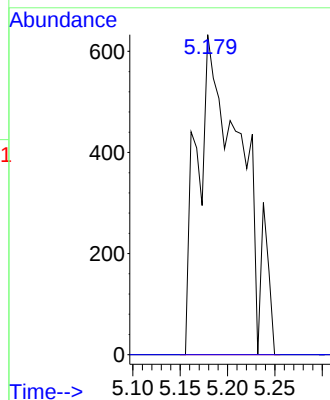
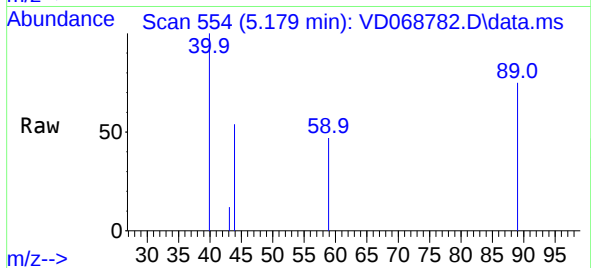


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Instrument :
MSVOA_D
ClientSampled :

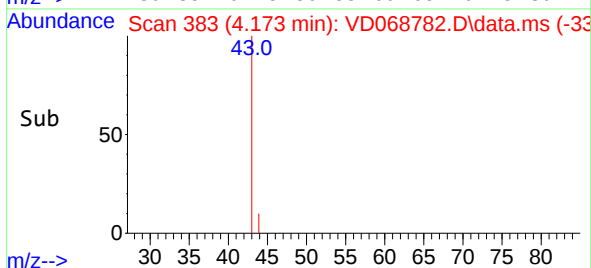
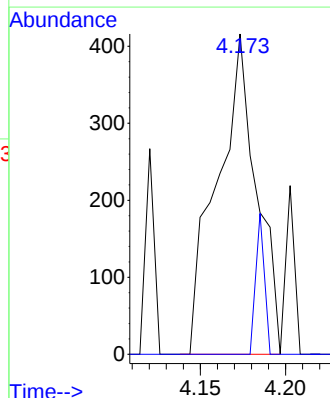
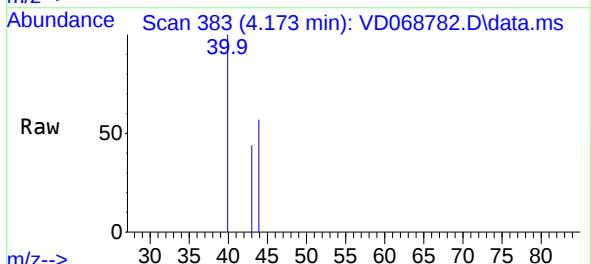
Tgt Ion: 59 Resp: 2065
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

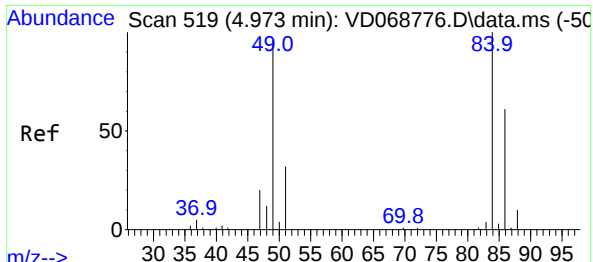


#16

Acetone
Concen: 1.55 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Tgt Ion: 43 Resp: 670
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. -0.006 min

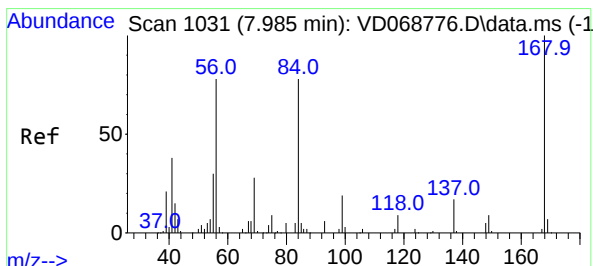
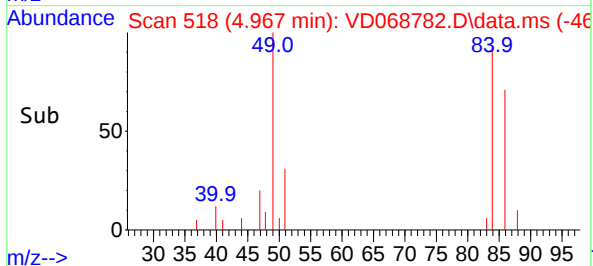
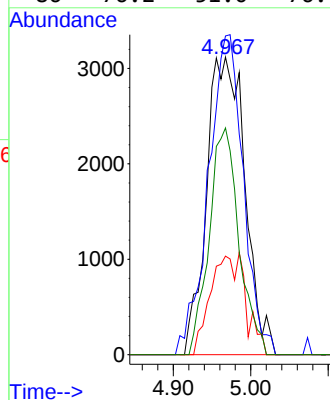
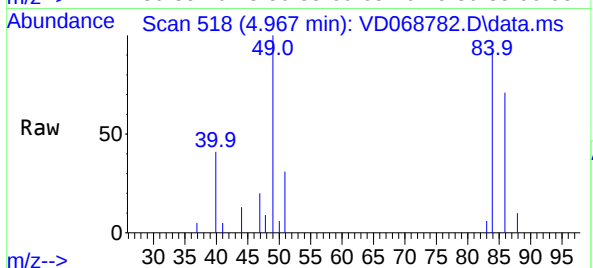
Lab File: VD068782.D

Acq: 08 Apr 2021 11:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 10755

Ion	Ratio	Lower	Upper
84	100		
49	107.1	83.4	125.0
51	33.1	23.4	35.2
86	76.2	51.0	76.4



#31

Cyclohexane

Concen: 1.59 ug/l

RT: 7.985 min Scan# 1031

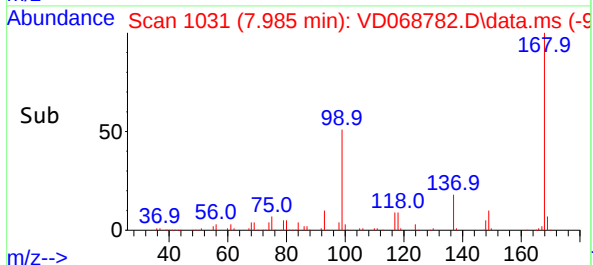
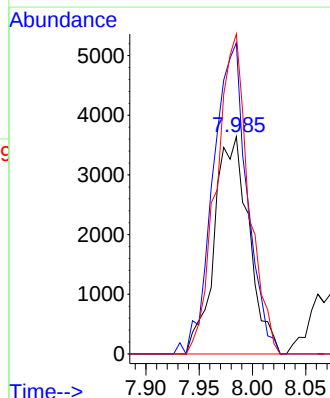
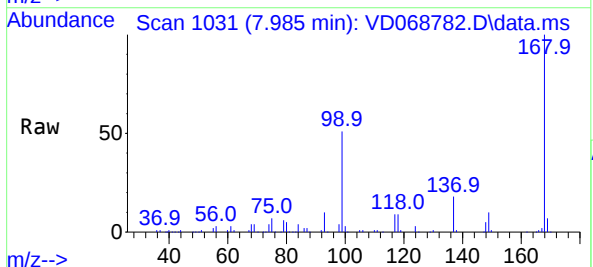
Delta R.T. -0.000 min

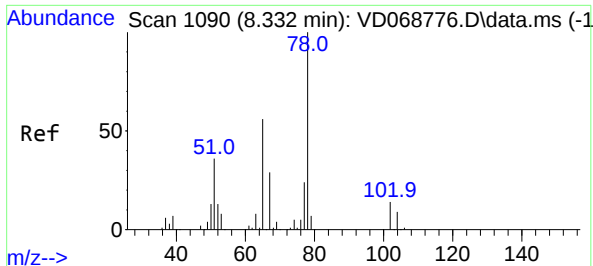
Lab File: VD068782.D

Acq: 08 Apr 2021 11:47

Tgt Ion: 56 Resp: 8263

Ion	Ratio	Lower	Upper
56	100		
69	143.2	30.0	45.0#
84	147.3	82.0	123.0#

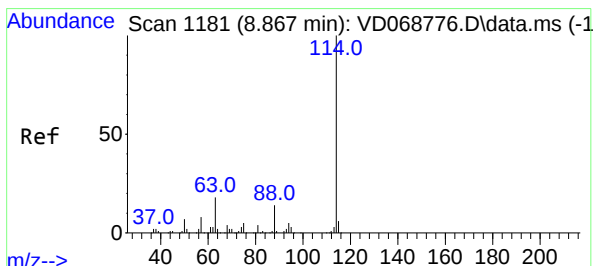
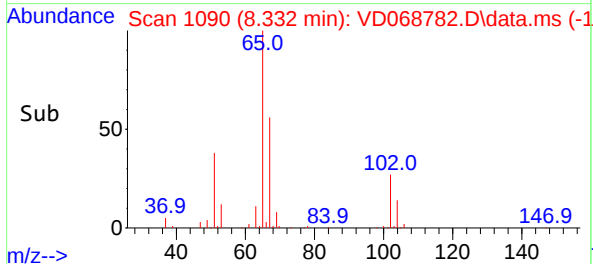
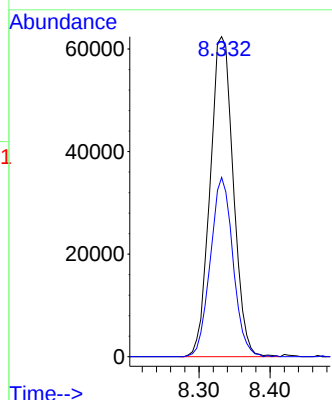
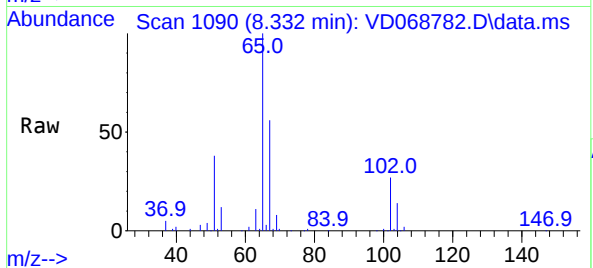




#33
1,2-Dichloroethane-d4
Concen: 45.37 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

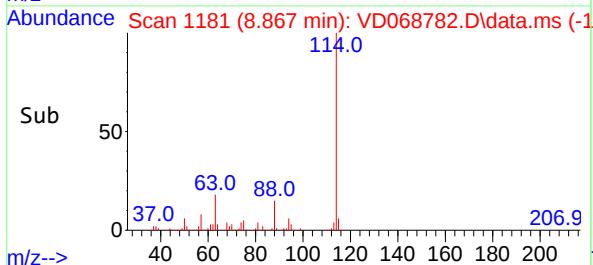
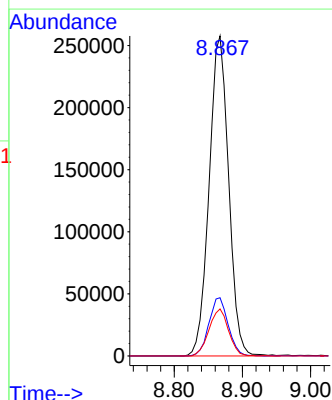
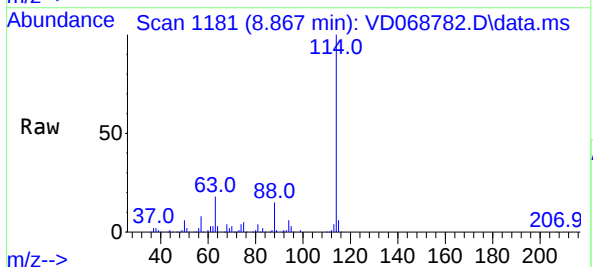
Instrument :
MSVOA_D
ClientSampleId :

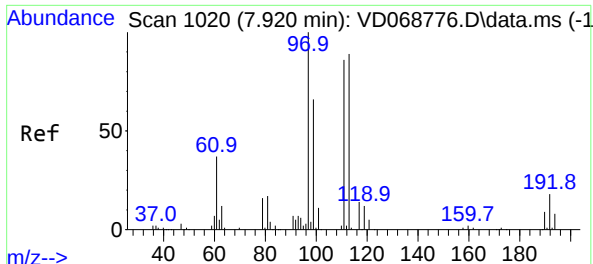
Tgt Ion: 65 Resp: 141652
Ion Ratio Lower Upper
65 100
67 54.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Tgt Ion:114 Resp: 513810
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.2
88 14.7 0.0 29.4



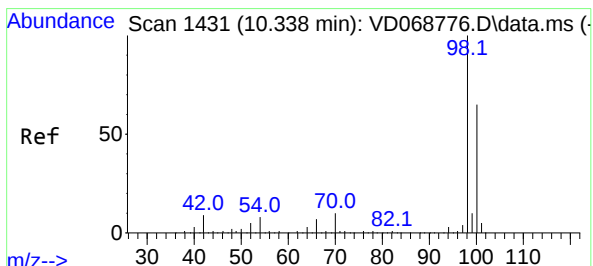
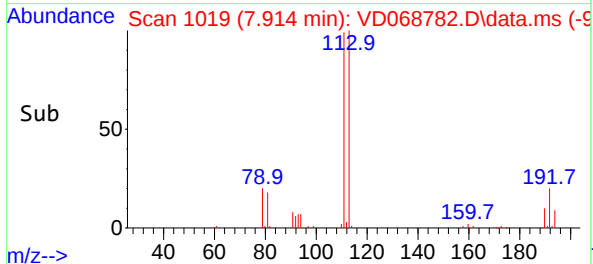
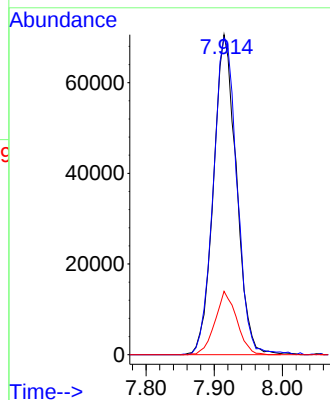
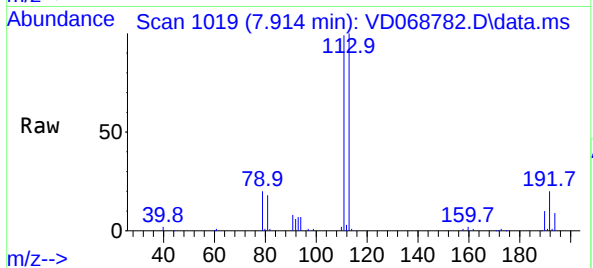


#35
Dibromofluoromethane
Concen: 49.30 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 164772

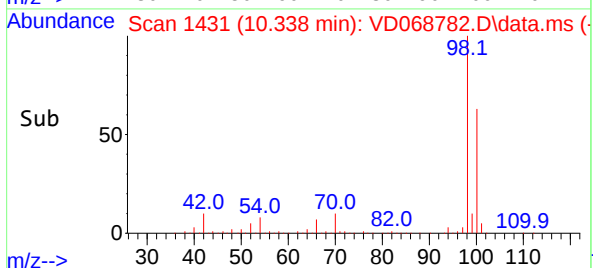
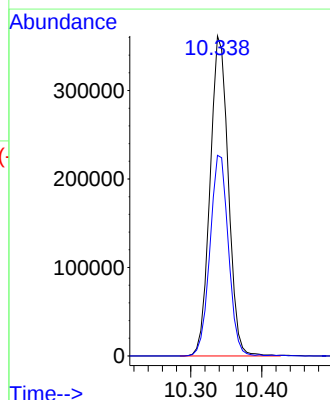
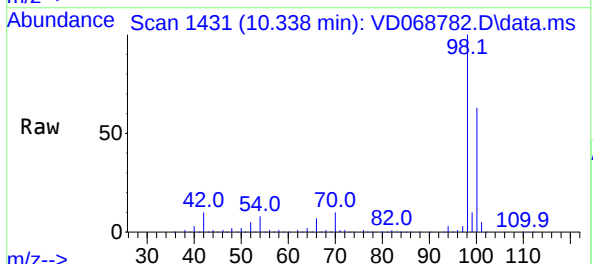
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.5	123.7
192	18.8	15.1	22.7

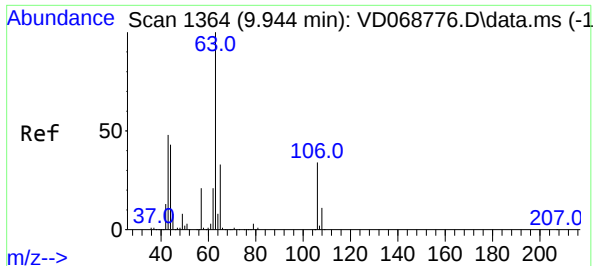


#50
Toluene-d8
Concen: 51.13 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Tgt Ion: 98 Resp: 644673

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.8	77.6

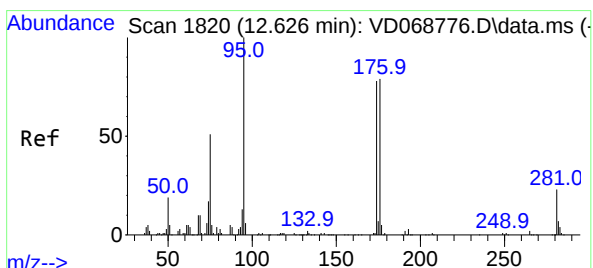
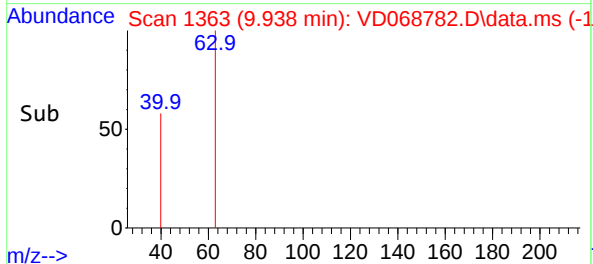
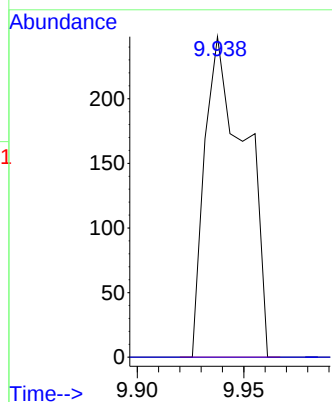
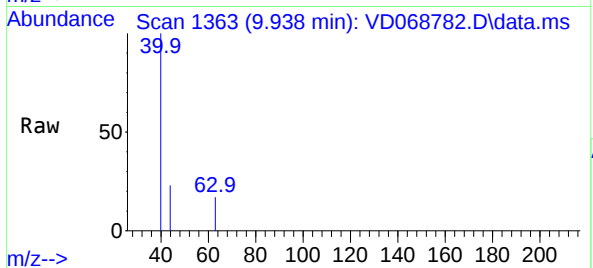




#58
2-Chloroethyl Vinyl ether
Concen: 17.19 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

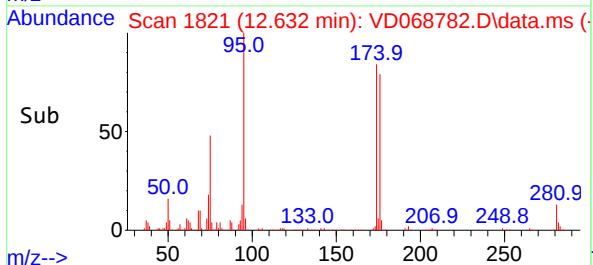
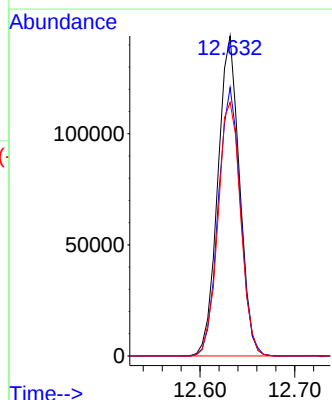
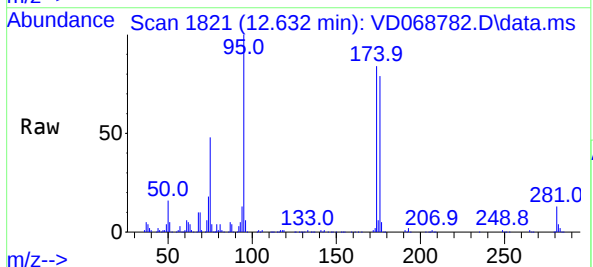
Instrument :
MSVOA_D
ClientSampled :

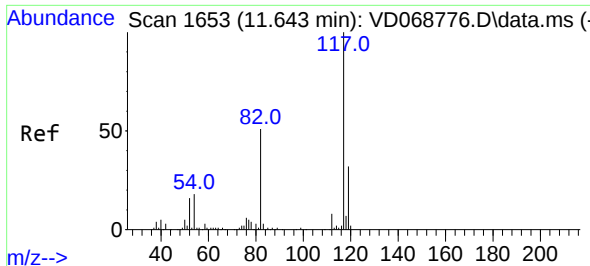
Tgt Ion: 63 Resp: 328
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 54.72 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Tgt Ion: 95 Resp: 229116
Ion Ratio Lower Upper
95 100
174 85.4 0.0 168.0
176 82.8 0.0 160.2

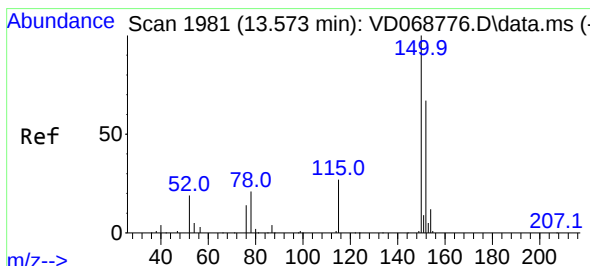
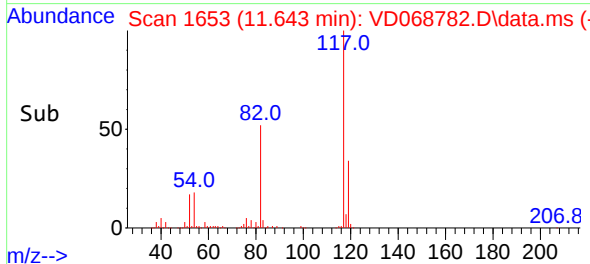
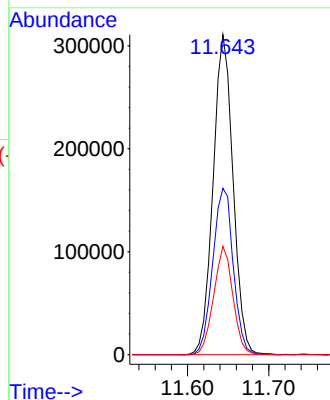
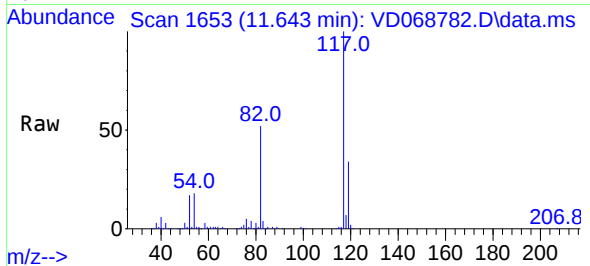




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

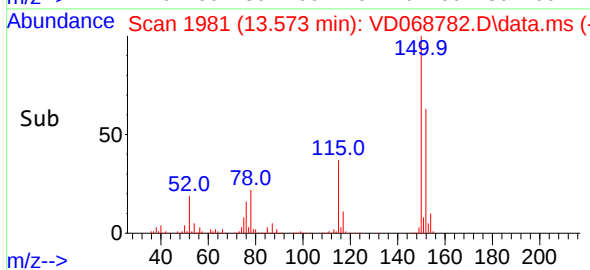
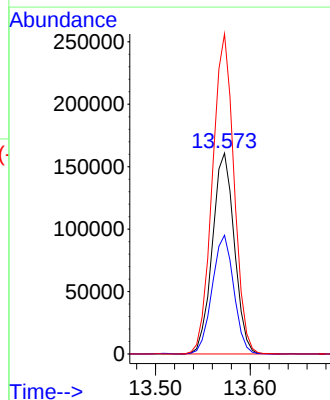
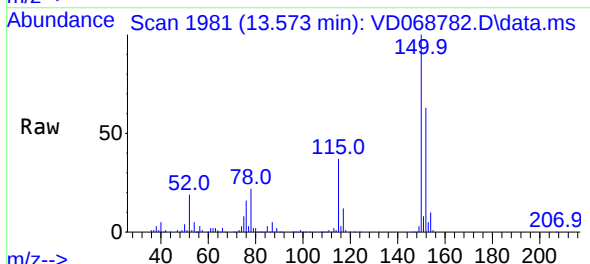
Instrument :
MSVOA_D
ClientSampleId :

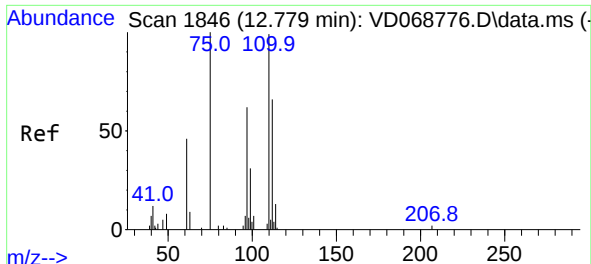
Tgt Ion:117 Resp: 531430
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 33.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Tgt Ion:152 Resp: 259023
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.8
150 156.9 0.0 347.6

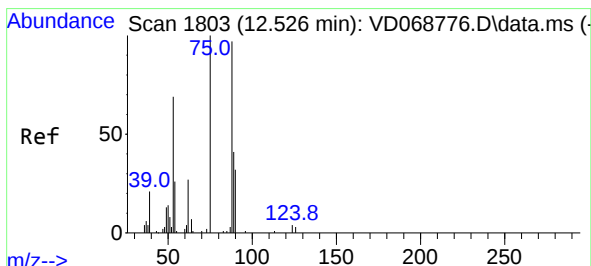
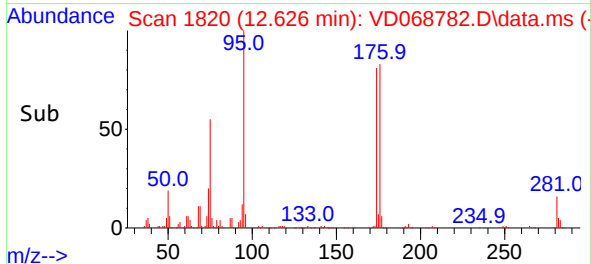
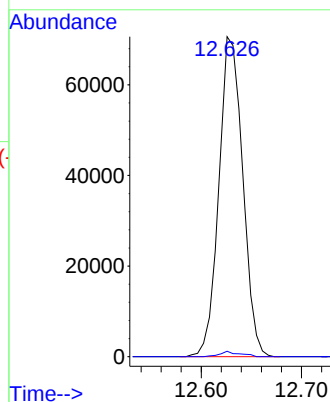
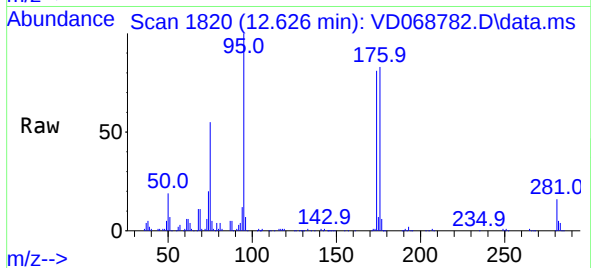




#76
1,2,3-Trichloropropane
Concen: 49.25 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 116545
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.30 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068782.D
Acq: 08 Apr 2021 11:47

Tgt Ion: 75 Resp: 116545
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 36.6 54.8#

