

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122920\
 Data File : VD067962.D
 Acq On : 29 Dec 2020 11:28
 Operator : VA/SY
 Sample : VD1229SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBL01

Quant Time: Dec 30 00:11:34 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	254930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	492318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	453796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	193136	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	168052	61.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.10%
35) Dibromofluoromethane	7.914	113	168758	54.40	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.80%
50) Toluene-d8	10.344	98	616313	52.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.72%
62) 4-Bromofluorobenzene	12.632	95	188939	47.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.74%

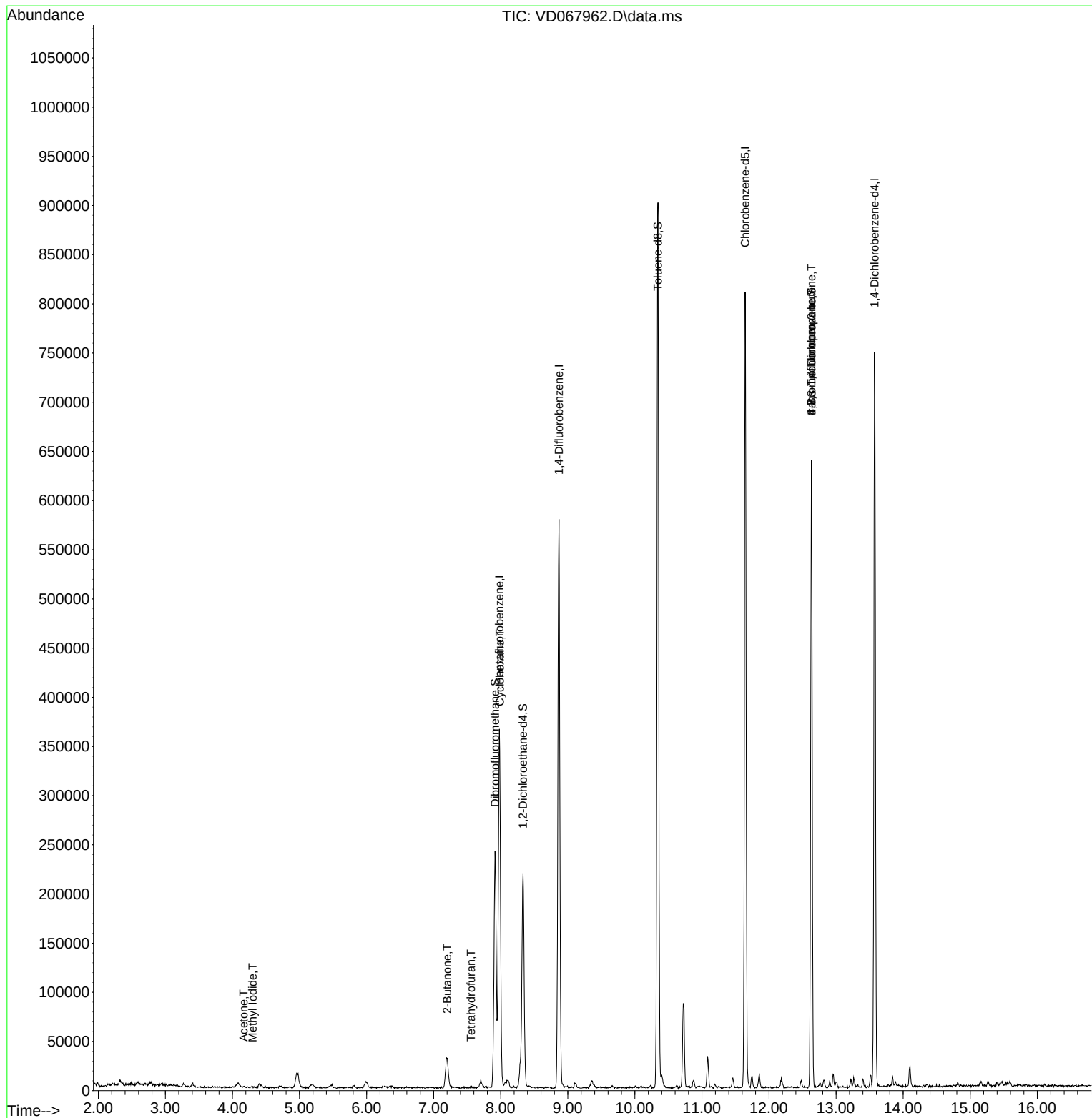
Target Compounds					Qvalue
5) Bromomethane	2.773	94	1753	Below Cal	# 74
10) Methyl Iodide	4.303	142	1258	4.24 ug/l	# 66
11) Tert butyl alcohol	5.197	59	2131	Below Cal	# 74
16) Acetone	4.168	43	2000	3.81 ug/l	# 82
20) Methylene Chloride	4.962	84	11627	Below Cal	# 89
25) 2-Butanone	7.203	43	2131	2.75 ug/l	# 49
29) Tetrahydrofuran	7.556	42	561	1.07 ug/l	# 36
31) Cyclohexane	7.985	56	7874	1.40 ug/l	# 14
76) 1,2,3-Trichloropropane	12.632	75	98265	60.43 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	98265	123.87 ug/l	# 13

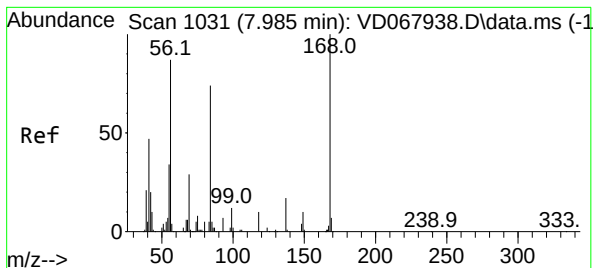
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122920\
Data File : VD067962.D
Acq On : 29 Dec 2020 11:28
Operator : VA/SY
Sample : VD1229SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

Quant Time: Dec 30 00:11:34 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

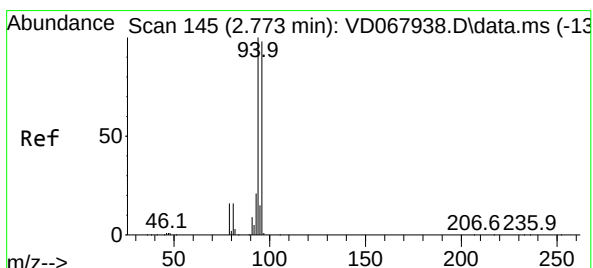
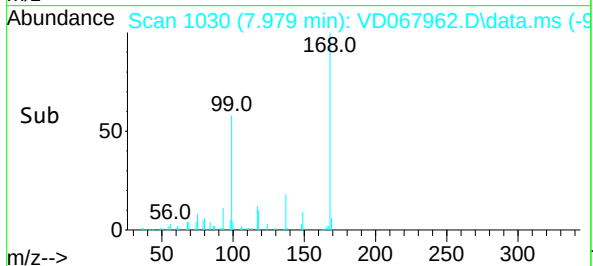
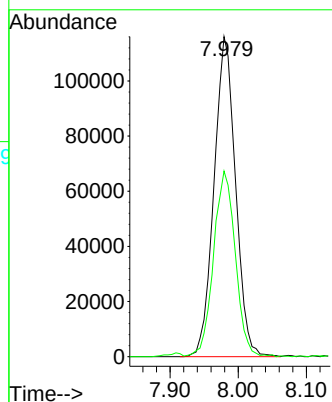
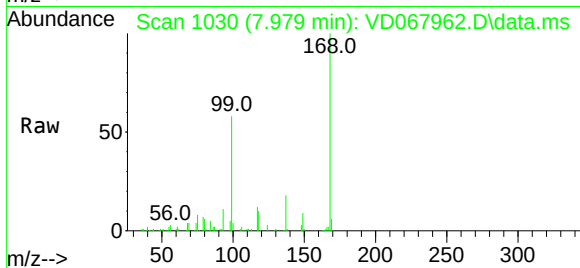




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

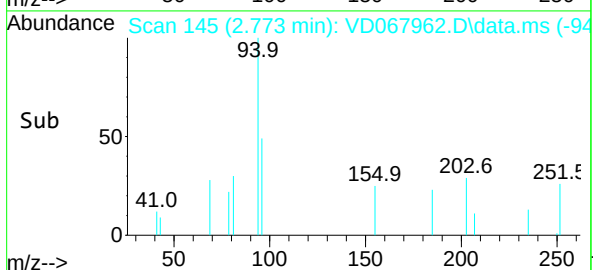
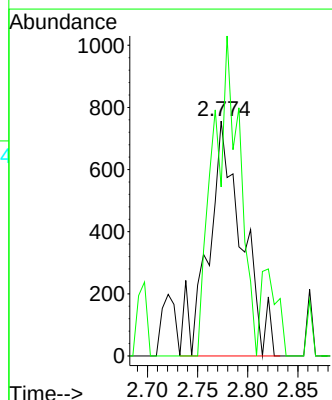
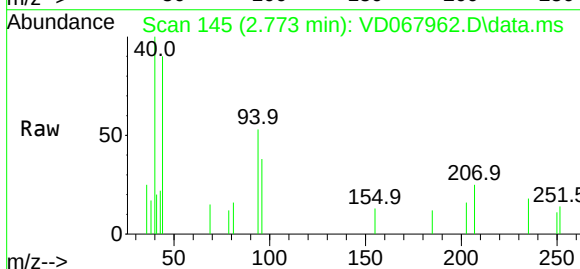
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

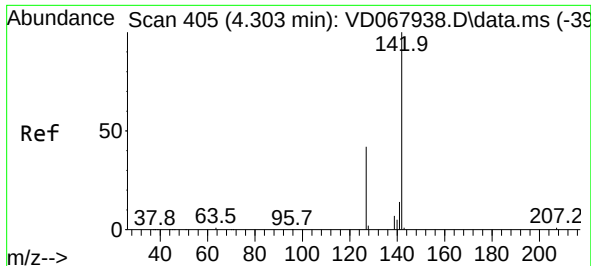
Tgt Ion:168 Resp: 254930
Ion Ratio Lower Upper
168 100
99 57.7 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

Tgt Ion: 94 Resp: 1753
Ion Ratio Lower Upper
94 100
96 72.0 78.0 117.0#

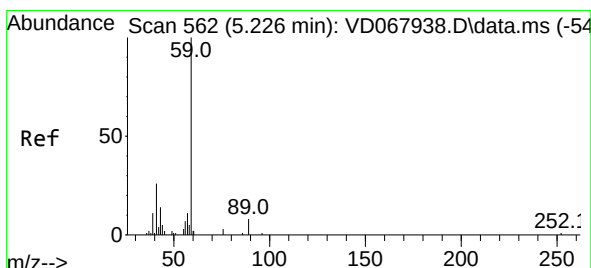
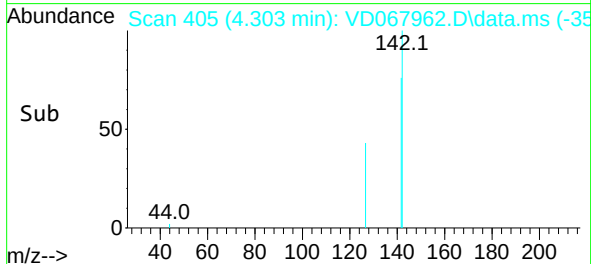
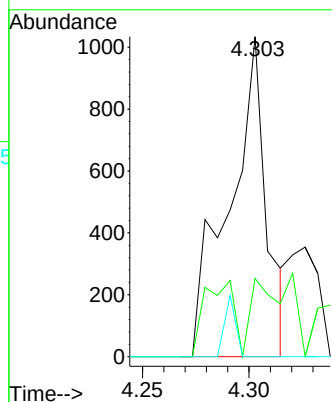
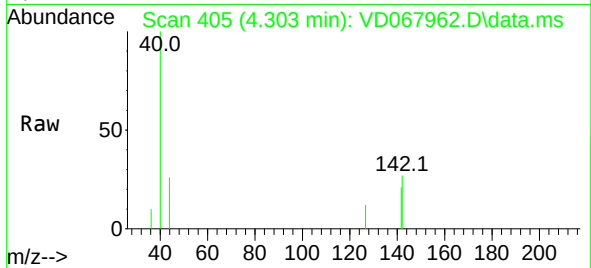




#10
Methyl Iodide
Concen: 4.24 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

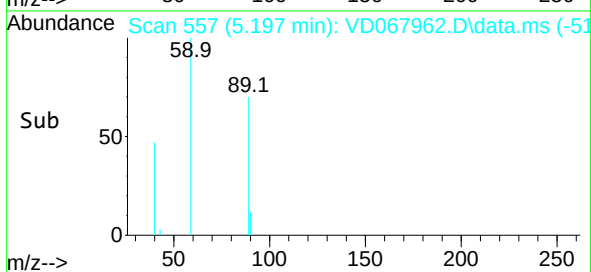
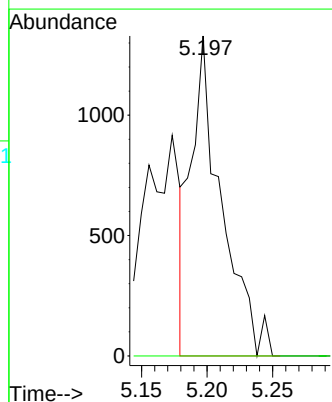
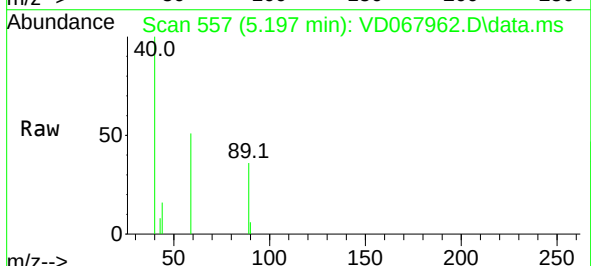
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

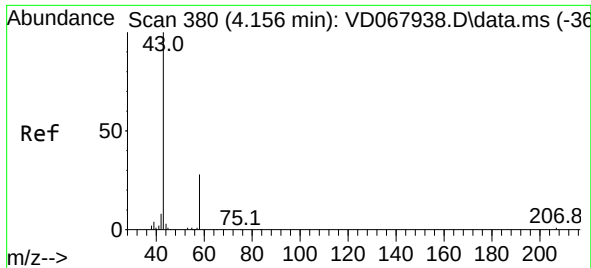
Tgt Ion:142 Resp: 1258
Ion Ratio Lower Upper
142 100
127 18.8 34.4 51.6#
141 5.6 11.8 17.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.029 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

Tgt Ion: 59 Resp: 2131
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

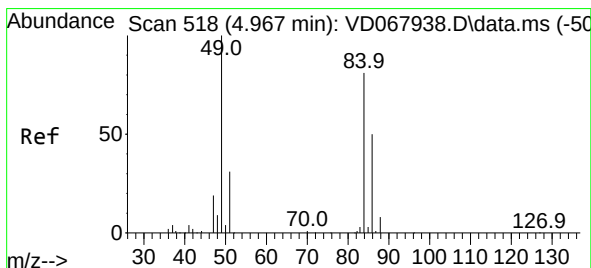
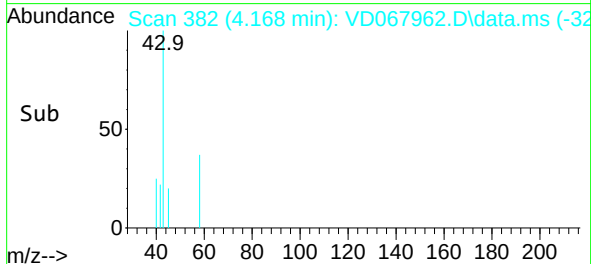
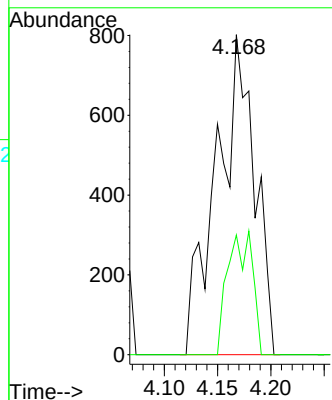
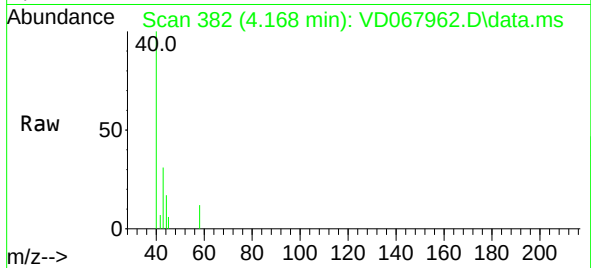




#16
Acetone
Concen: 3.81 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

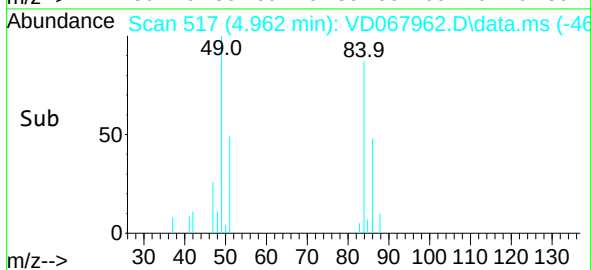
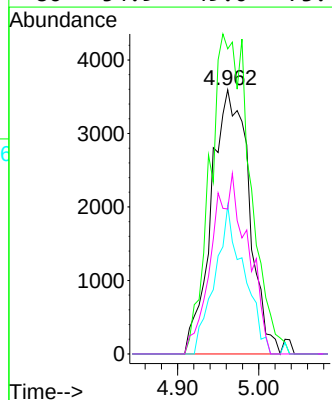
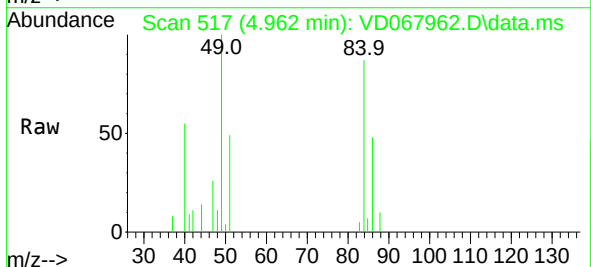
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

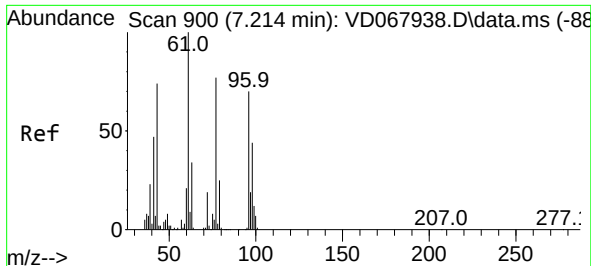
Tgt Ion: 43 Resp: 2000
Ion Ratio Lower Upper
43 100
58 37.4 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

Tgt Ion: 84 Resp: 11627
Ion Ratio Lower Upper
84 100
49 115.5 98.3 147.5
51 56.2 30.3 45.5#
86 54.9 49.0 73.4

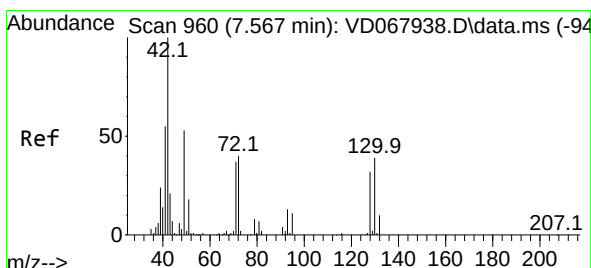
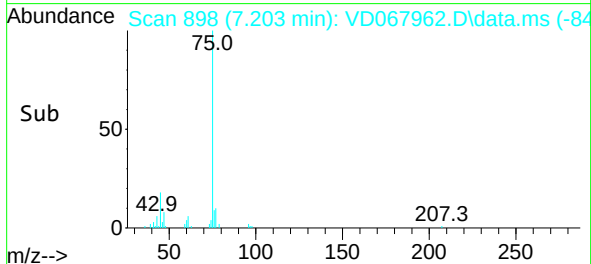
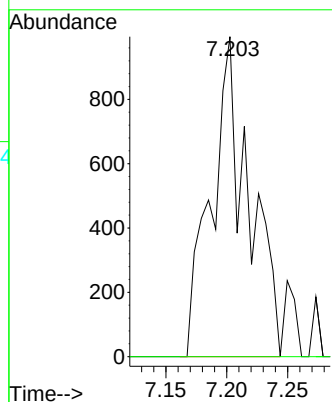
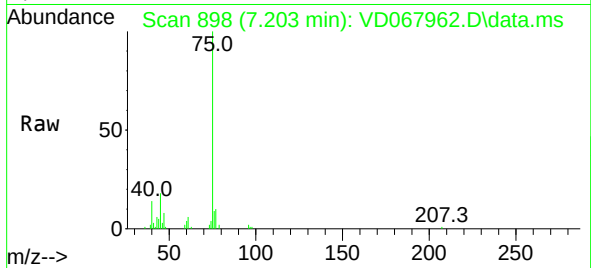




#25
2-Butanone
Concen: 2.75 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

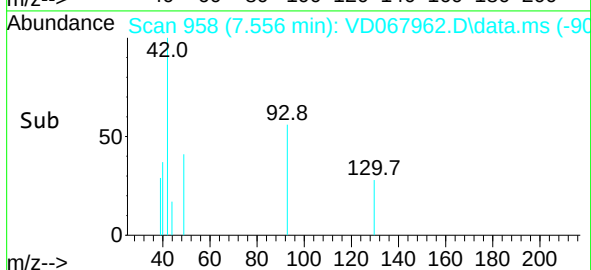
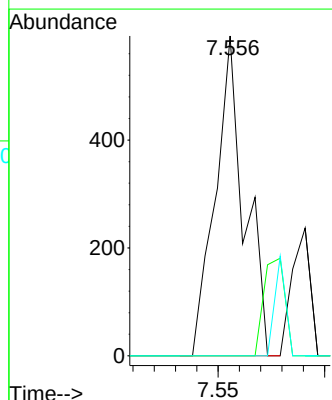
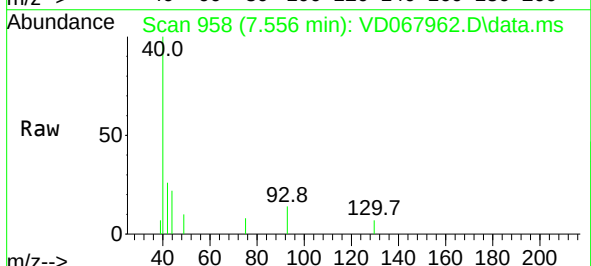
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

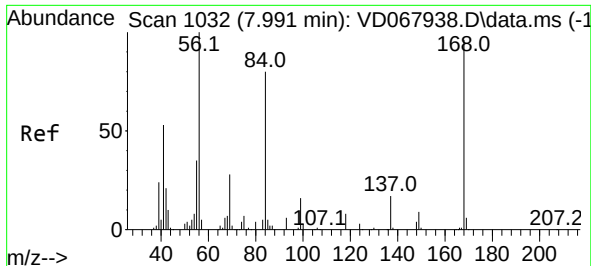
Tgt Ion: 43 Resp: 2131
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#29
Tetrahydrofuran
Concen: 1.07 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.012 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

Tgt Ion: 42 Resp: 561
Ion Ratio Lower Upper
42 100
72 0.0 32.9 49.3#
71 0.0 29.9 44.9#

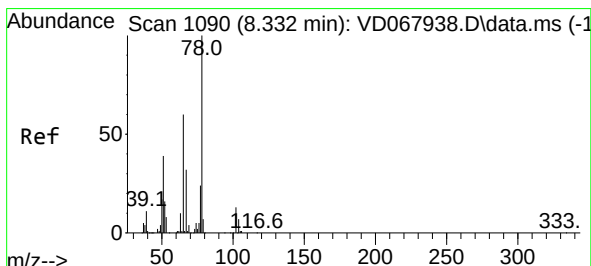
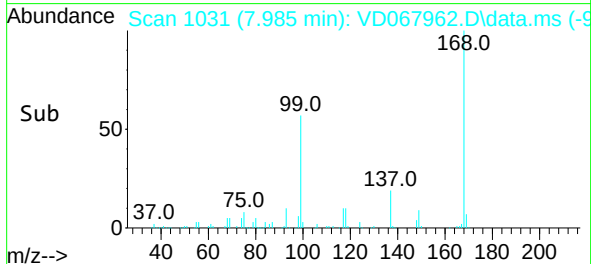
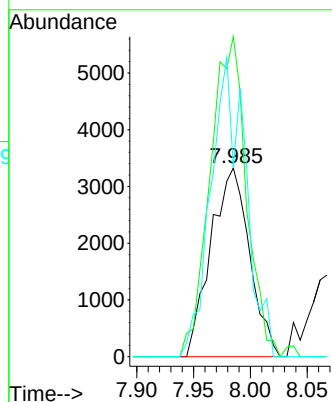
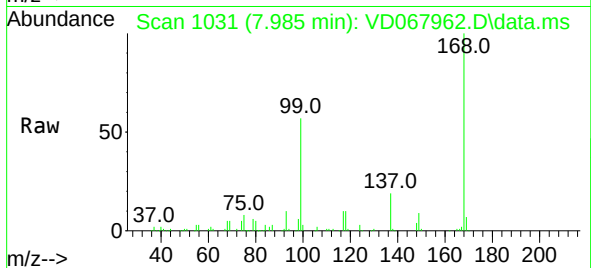




#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

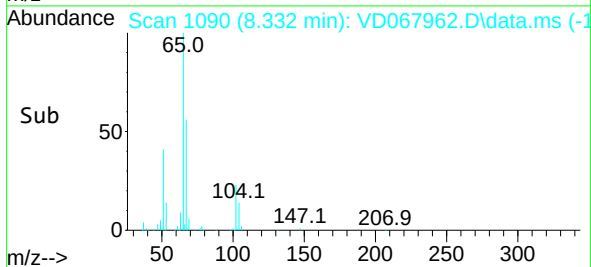
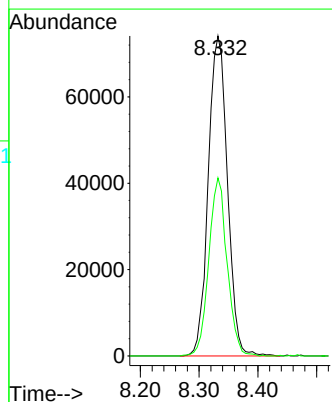
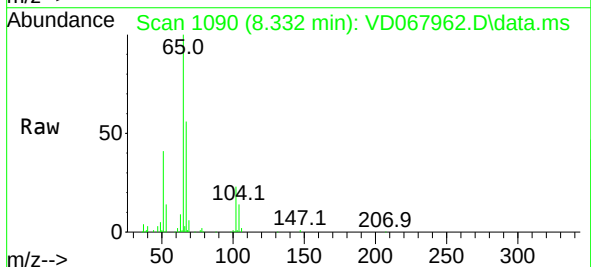
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

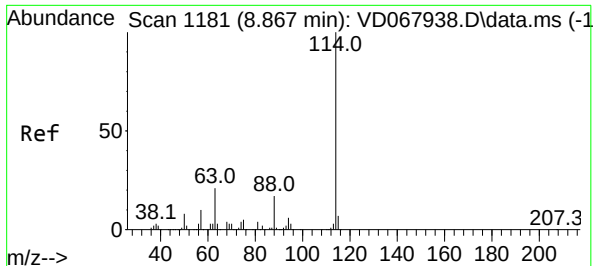
Tgt Ion: 56 Resp: 7874
Ion Ratio Lower Upper
56 100
69 169.6 22.7 34.1#
84 100.2 64.2 96.4#



#33
1,2-Dichloroethane-d4
Concen: 61.05 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

Tgt Ion: 65 Resp: 168052
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.0

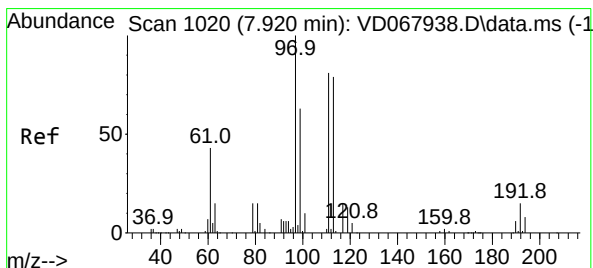
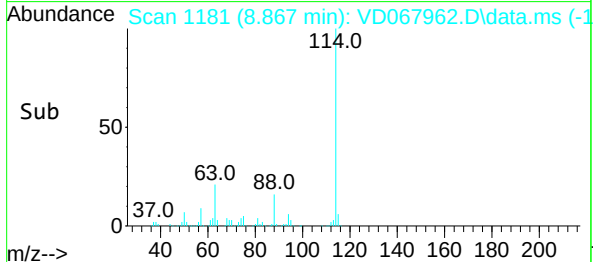
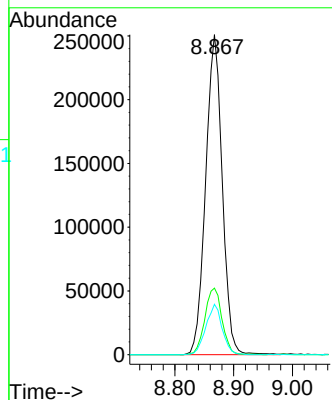
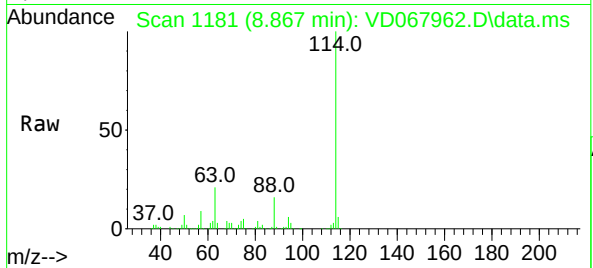




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

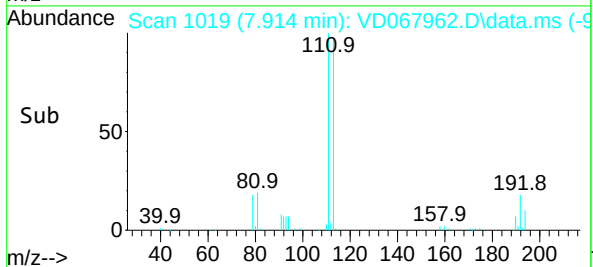
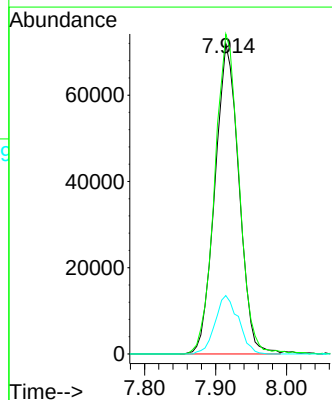
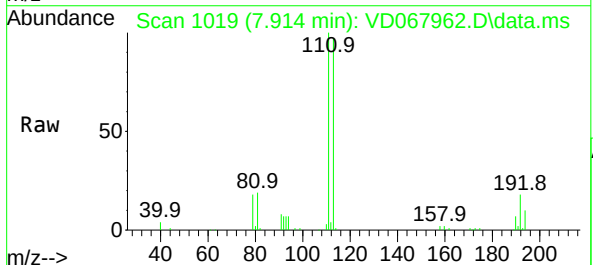
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

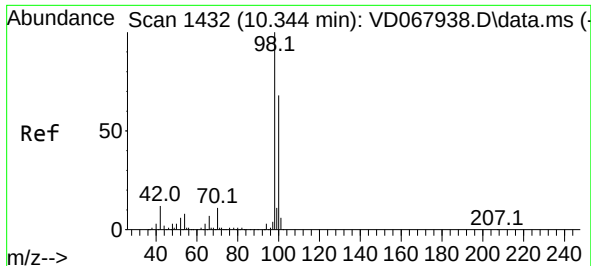
Tgt Ion:114 Resp: 492318
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.4
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 54.40 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

Tgt Ion:113 Resp: 168758
Ion Ratio Lower Upper
113 100
111 104.7 79.3 118.9
192 18.4 14.5 21.7

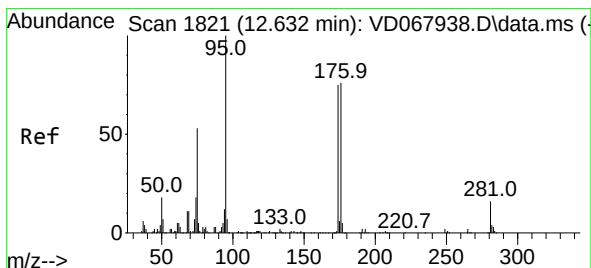
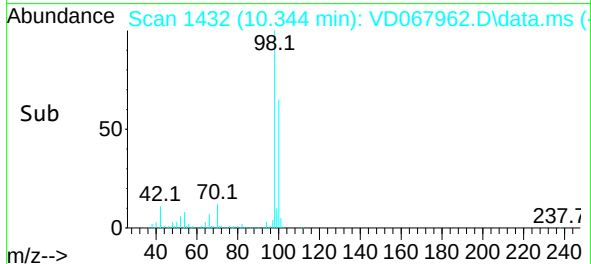
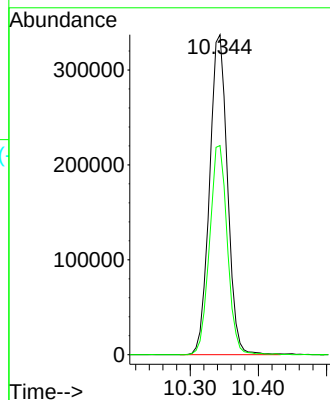
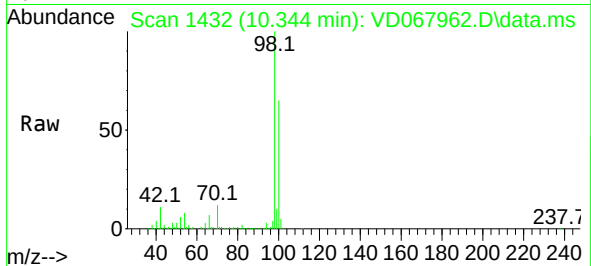




#50
Toluene-d8
Concen: 52.86 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

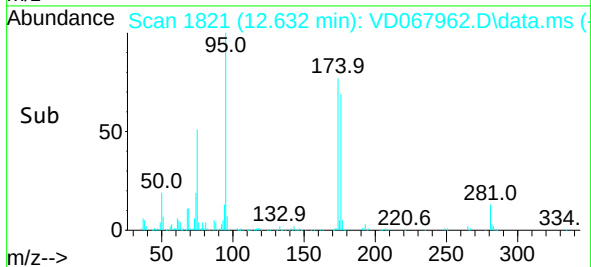
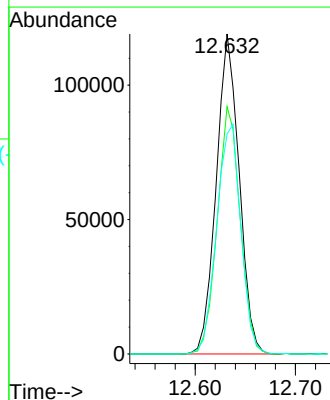
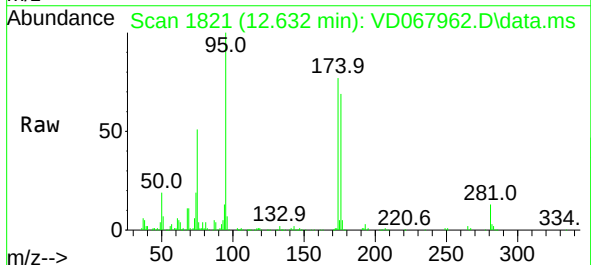
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

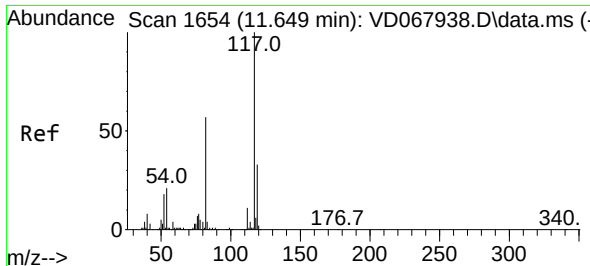
Tgt Ion: 98 Resp: 616313
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

Tgt Ion: 95 Resp: 188939
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.6
176 75.5 0.0 151.2

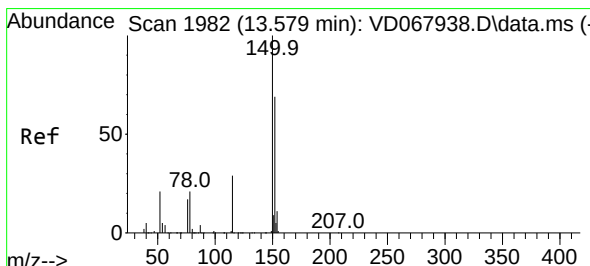
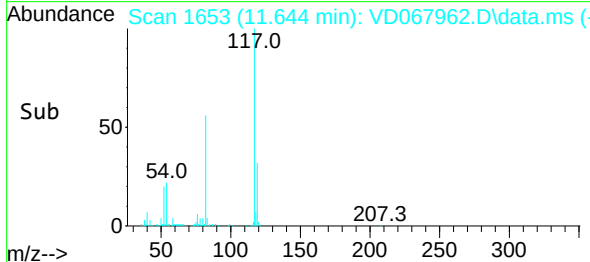
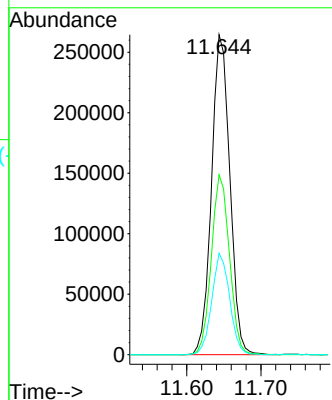
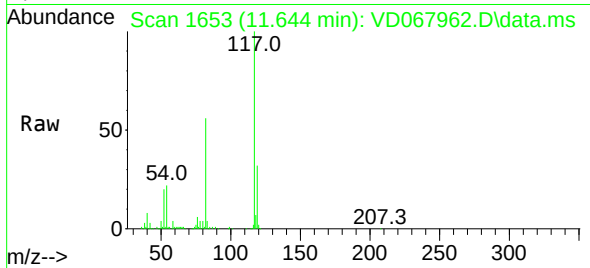




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

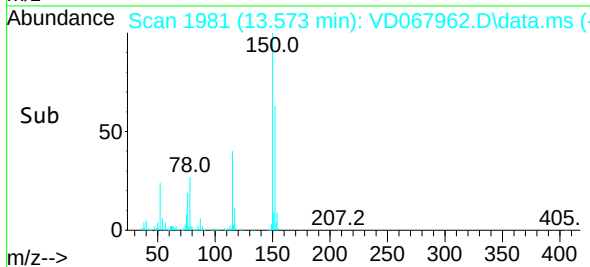
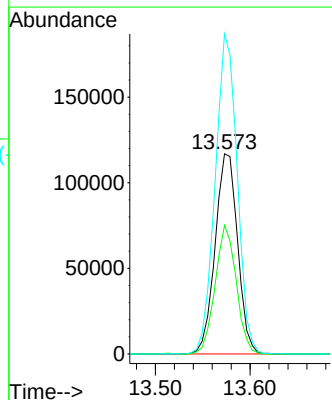
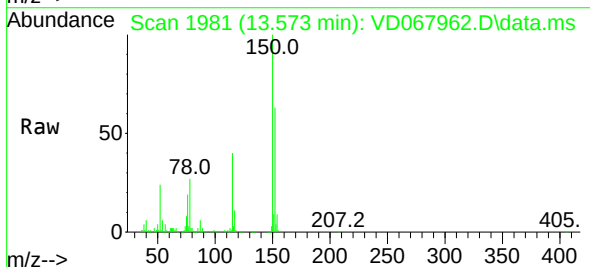
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

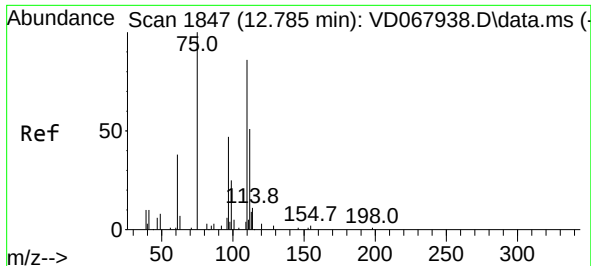
Tgt Ion:117 Resp: 453796
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 31.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

Tgt Ion:152 Resp: 193136
Ion Ratio Lower Upper
152 100
115 60.2 29.3 88.0
150 156.6 0.0 340.0

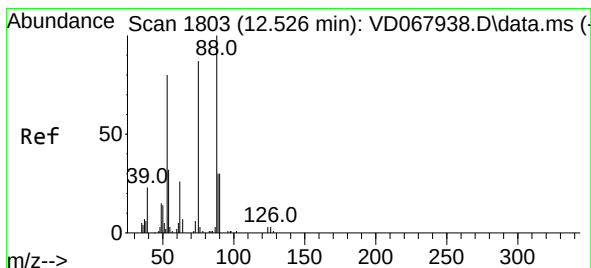
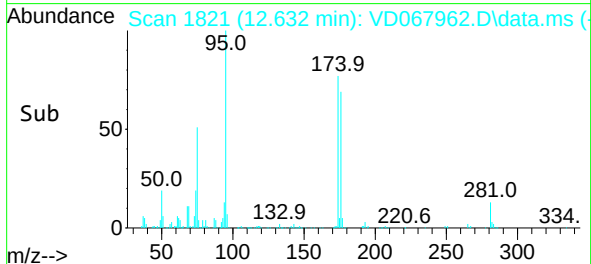
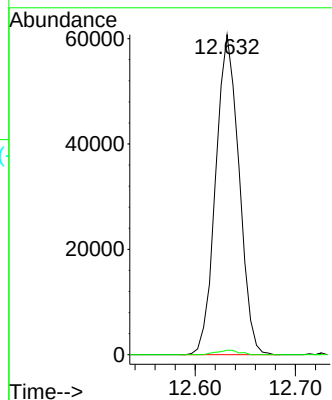
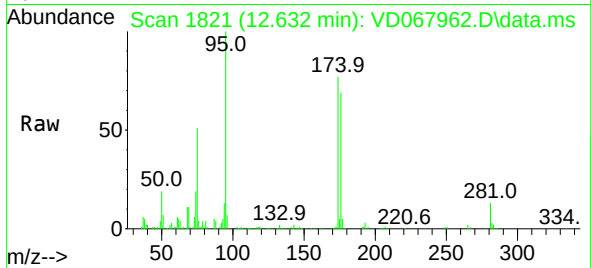




#76
1,2,3-Trichloropropane
Concen: 60.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBL01

Tgt Ion: 75 Resp: 98265
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.87 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD067962.D
Acq: 29 Dec 2020 11:28

Tgt Ion: 75 Resp: 98265
Ion Ratio Lower Upper
75 100
53 0.2 74.9 112.3#
89 0.2 33.8 50.8#

