

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068433.D
 Acq On : 24 Feb 2021 13:18
 Operator : VA/SY
 Sample : M1469-01
 Misc : 6.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 00:10:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

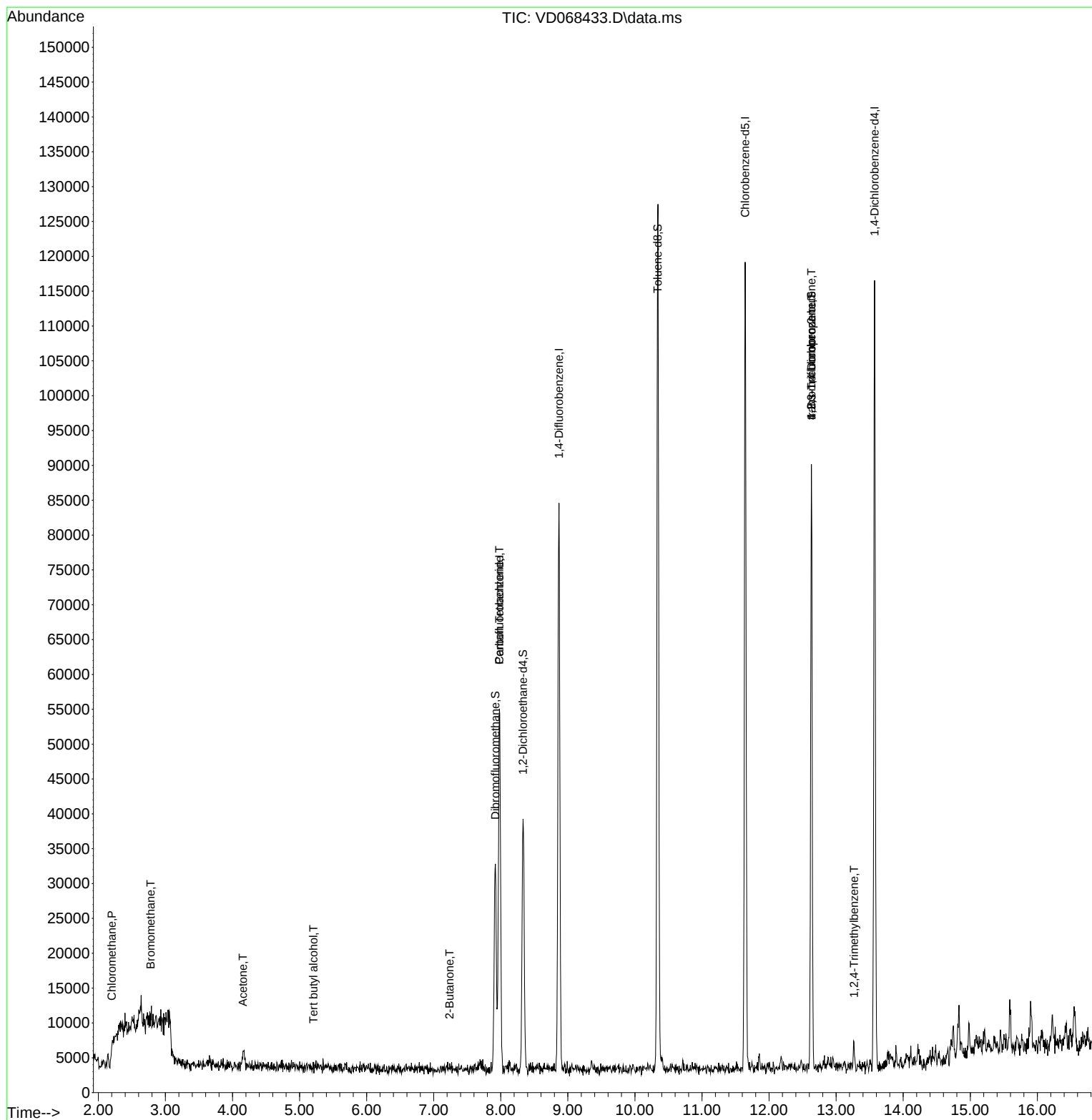
Internal Standards						
1) Pentafluorobenzene	7.979	168	39085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	71273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	70098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	29663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	29872	74.76	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 149.52%			
35) Dibromofluoromethane	7.920	113	21511	50.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.70%			
50) Toluene-d8	10.337	98	91153	51.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.96%			
62) 4-Bromofluorobenzene	12.631	95	27771	48.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.24%			
Target Compounds						Qvalue
3) Chloromethane	2.203	50	552	1.29	ug/l #	43
5) Bromomethane	2.779	94	779	2.14	ug/l	82
11) Tert butyl alcohol	5.208	59	54	2.70	ug/l #	74
16) Acetone	4.155	43	1790	29.04	ug/l #	71
25) 2-Butanone	7.238	43	109	1.26	ug/l #	43
31) Cyclohexane	7.985	56	1065	Below Cal	#	64
38) Carbon Tetrachloride	7.979	117	4006	6.66	ug/l #	12
76) 1,2,3-Trichloropropane	12.631	75	14645	51.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	14645	130.05	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.267	105	2386	1.35	ug/l	87

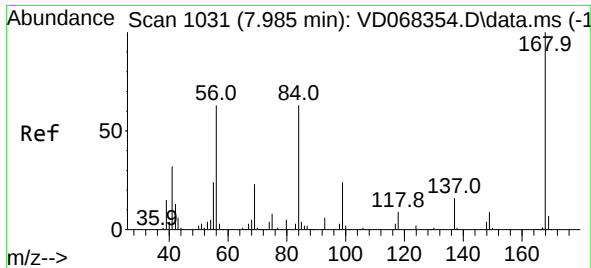
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
Data File : VD068433.D
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Quant Time: Feb 25 00:10:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

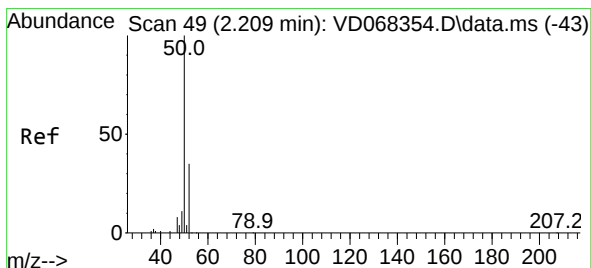
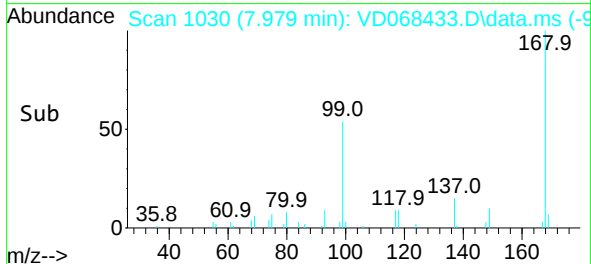
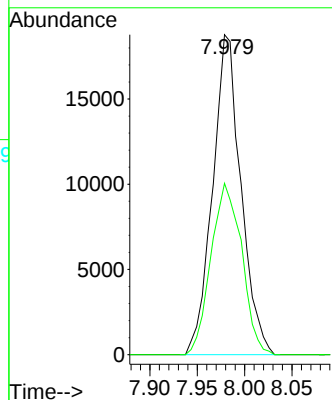
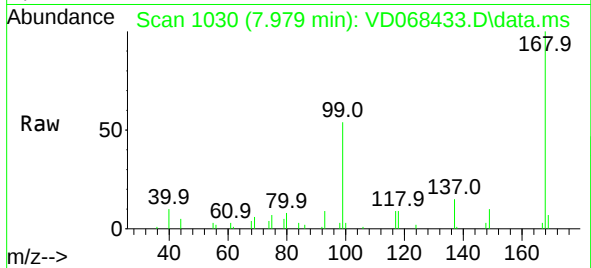




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

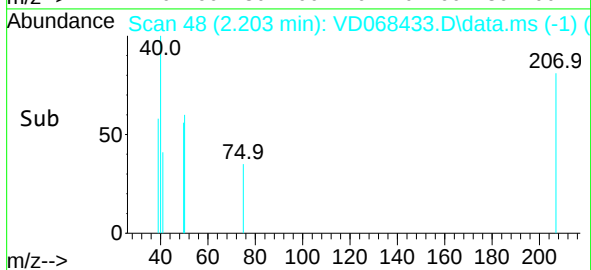
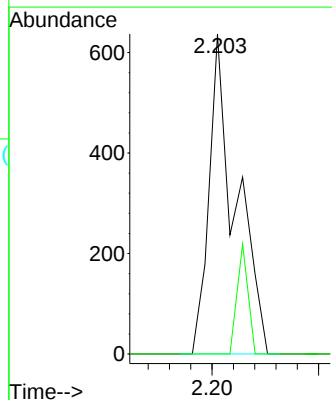
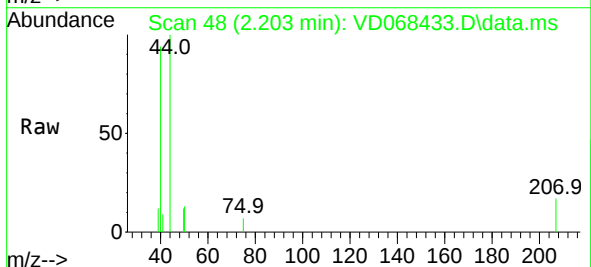
Instrument :
MSVOA_D
ClientSampled :

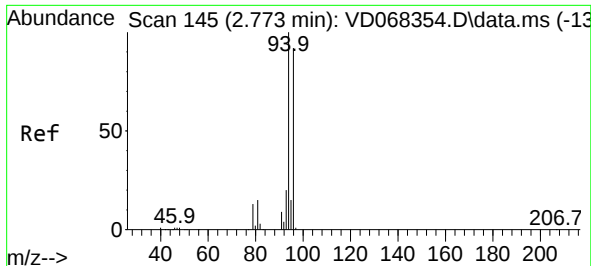
Tgt Ion:168 Resp: 39085
Ion Ratio Lower Upper
168 100
99 53.6 43.5 65.3



#3
Chloromethane
Concen: 1.29 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

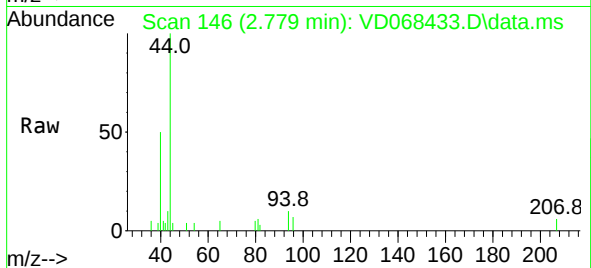
Tgt Ion: 50 Resp: 552
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



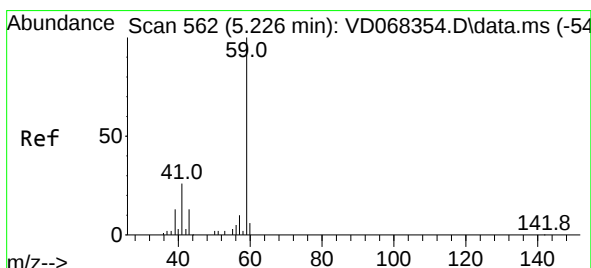
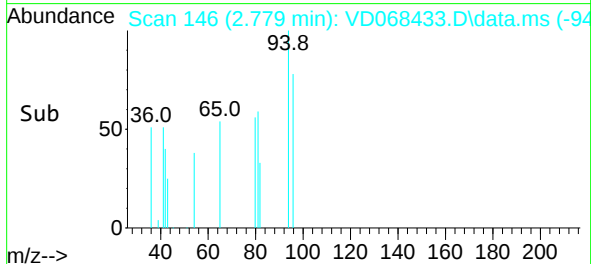
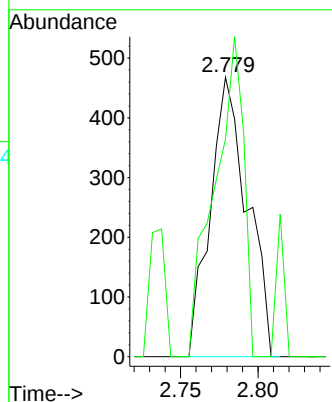


#5
Bromomethane
Concen: 2.14 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

Instrument :
MSVOA_D
ClientSampled :

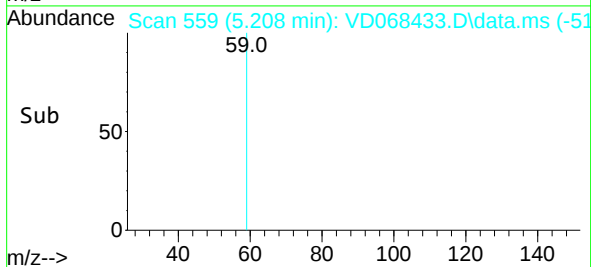
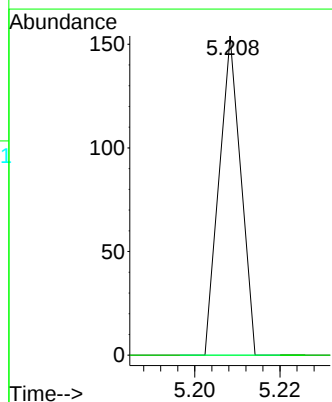
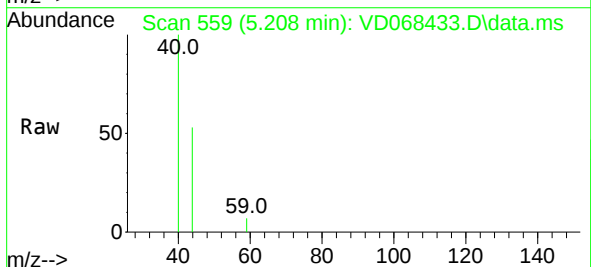


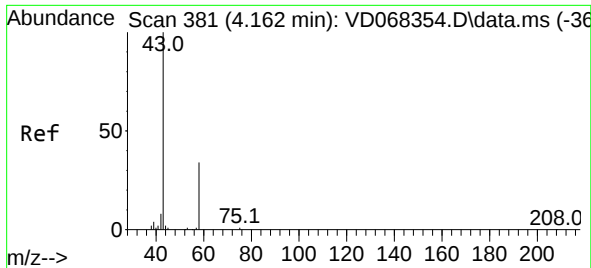
Tgt Ion: 94 Resp: 779
Ion Ratio Lower Upper
94 100
96 77.8 75.8 113.8



#11
Tert butyl alcohol
Concen: 2.70 ug/l
RT: 5.208 min Scan# 559
Delta R.T. -0.018 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

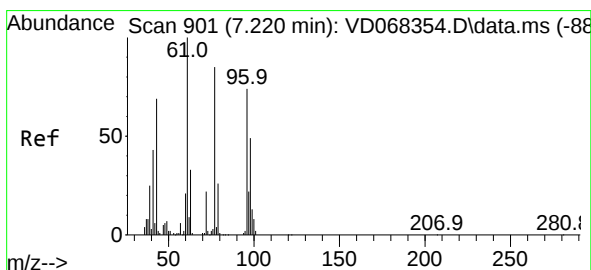
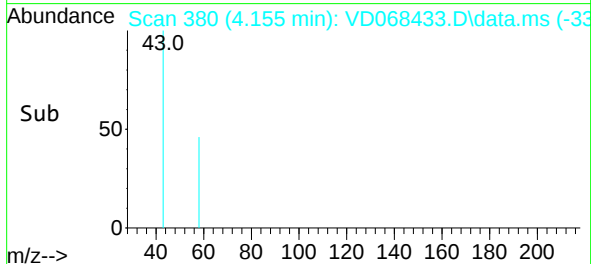
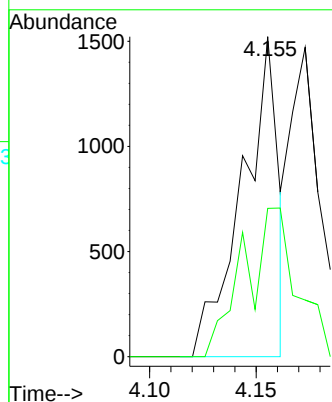
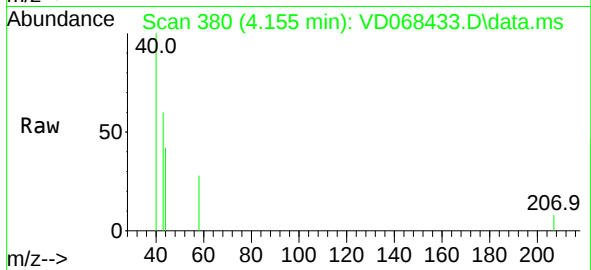




#16
Acetone
Concen: 29.04 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

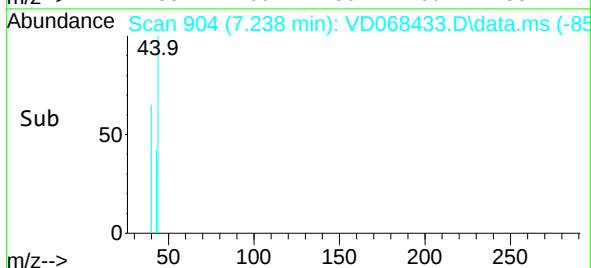
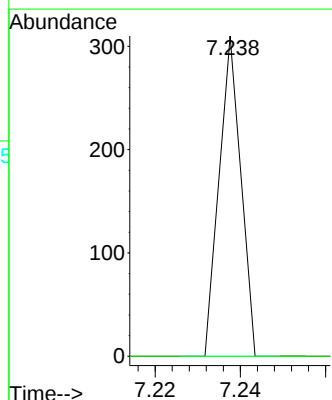
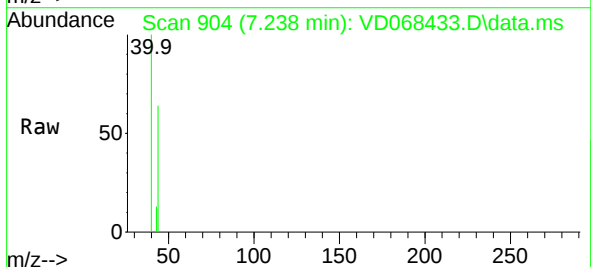
Instrument :
MSVOA_D
ClientSampleId :

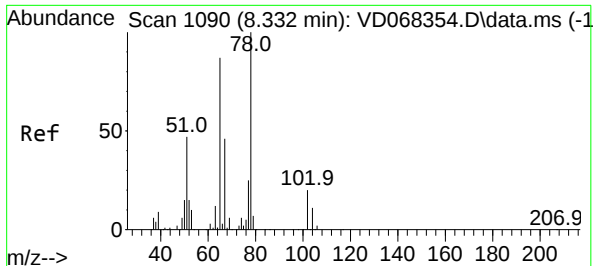
Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
58 46.3 24.2 36.4#



#25
2-Butanone
Concen: 1.26 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.017 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#





#33

1,2-Dichloroethane-d4

Concen: 74.76 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD068433.D

Acq: 24 Feb 2021 13:18

Tgt Ion: 65 Resp: 29872

Ion Ratio Lower Upper

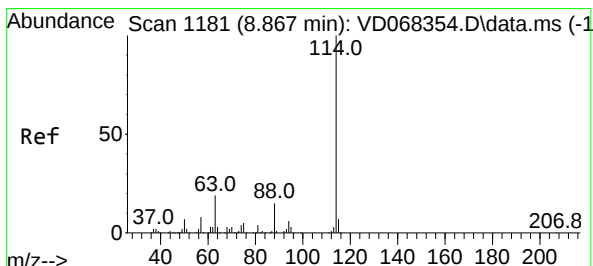
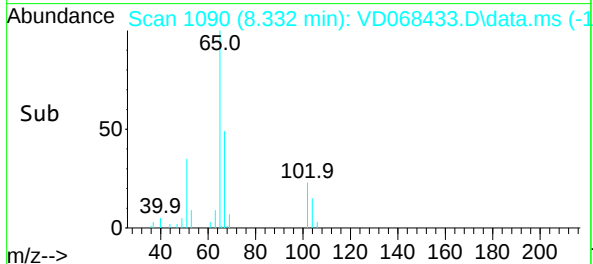
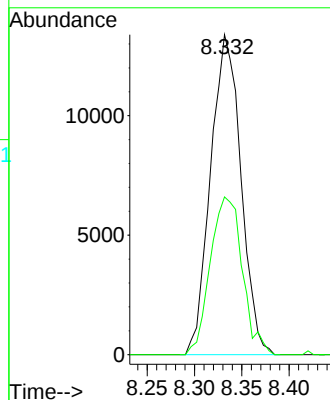
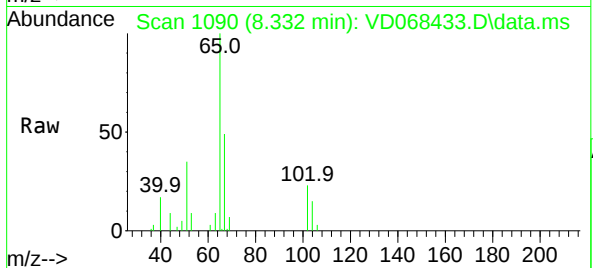
65 100

67 52.0 0.0 105.0

Instrument :

MSVOA_D

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VD068433.D

Acq: 24 Feb 2021 13:18

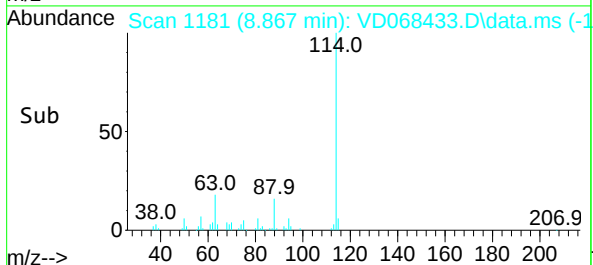
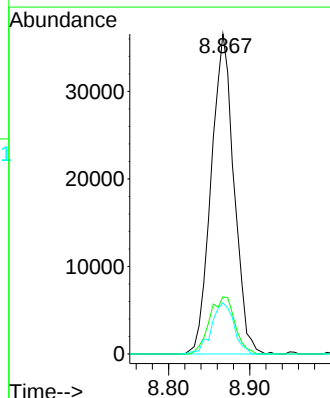
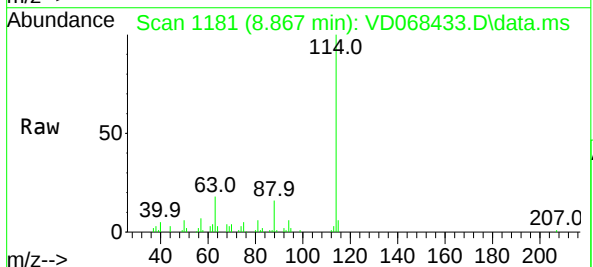
Tgt Ion: 114 Resp: 71273

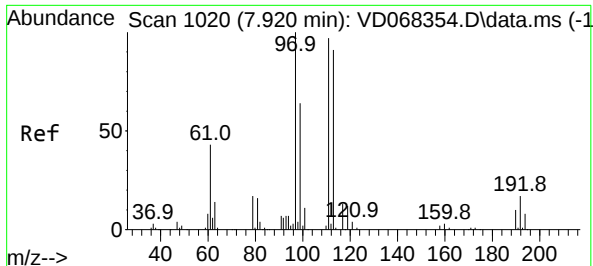
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.85 ug/l

RT: 7.920 min Scan# 1020

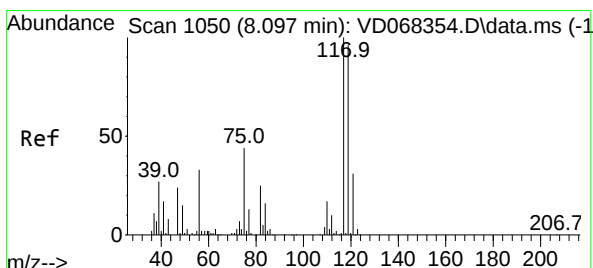
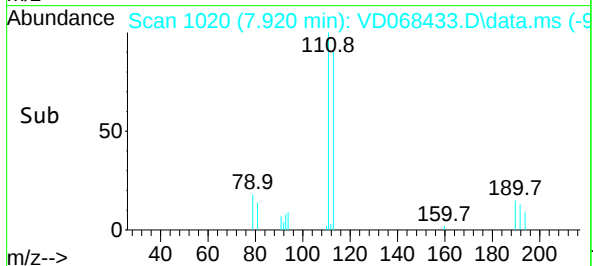
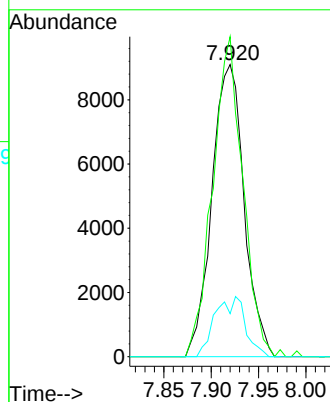
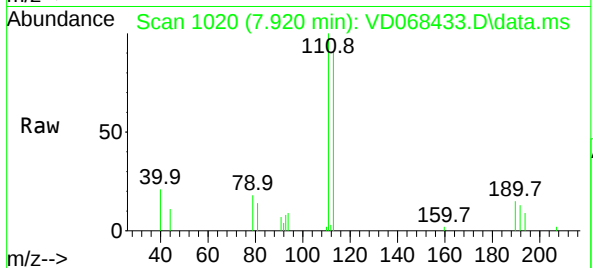
Delta R.T. -0.000 min

Lab File: VD068433.D

Acq: 24 Feb 2021 13:18

Tgt Ion:	113	Resp:	21511
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	19.3	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.66 ug/l

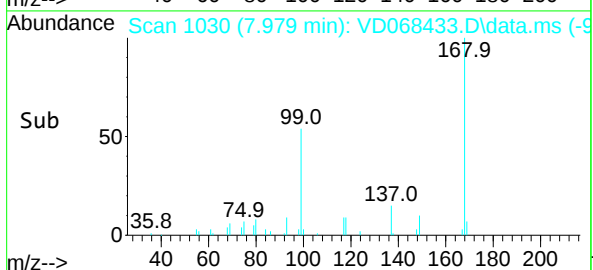
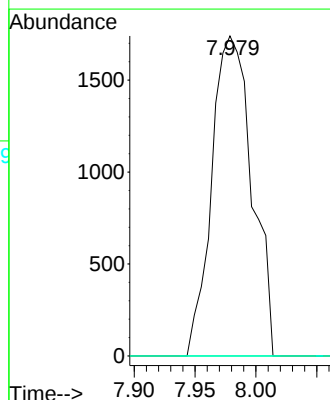
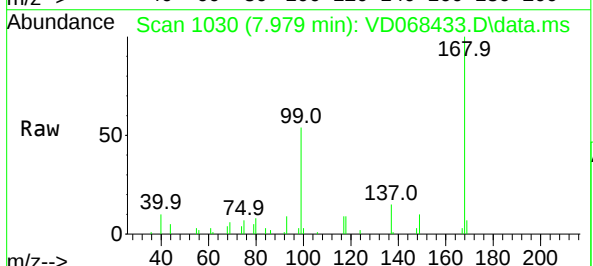
RT: 7.979 min Scan# 1030

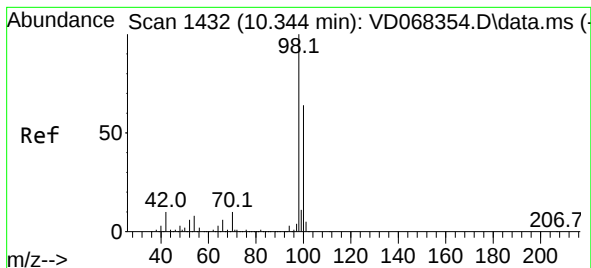
Delta R.T. -0.118 min

Lab File: VD068433.D

Acq: 24 Feb 2021 13:18

Tgt Ion:	117	Resp:	4006
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.3	115.9#
121	0.0	24.7	37.1#

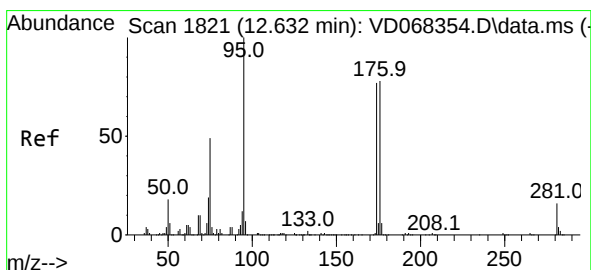
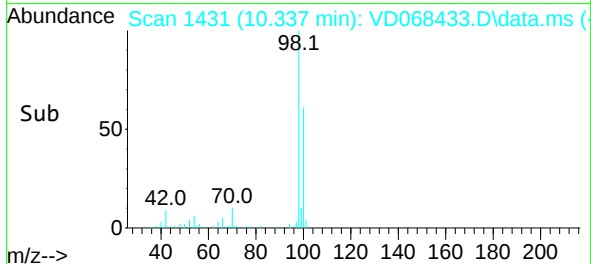
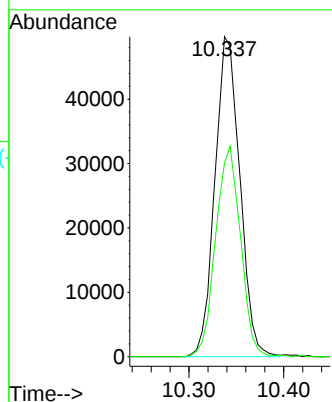
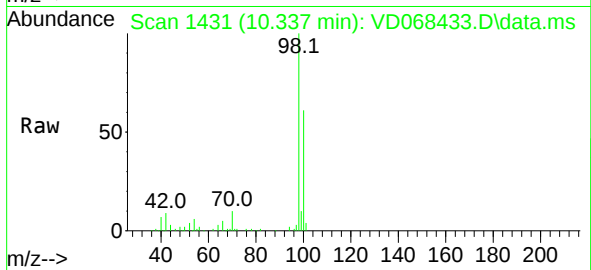




#50
Toluene-d8
Concen: 51.98 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

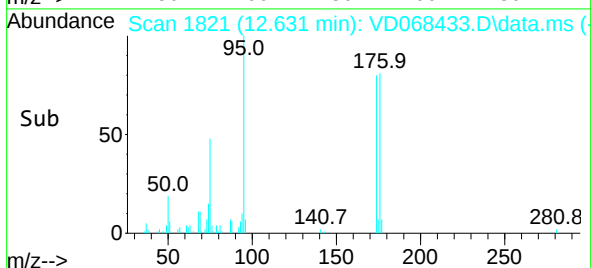
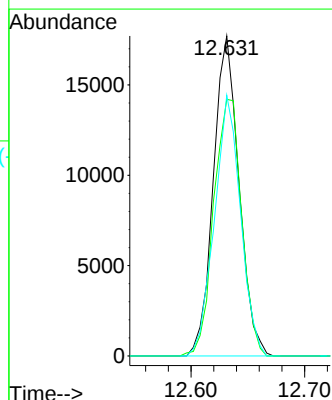
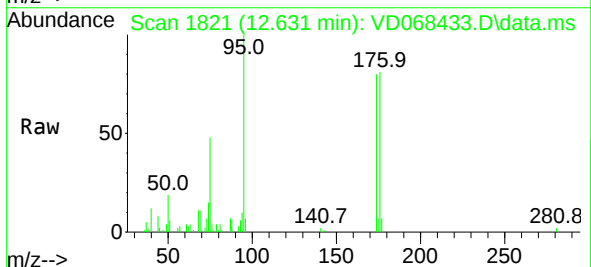
Instrument :
MSVOA_D
ClientSampled :

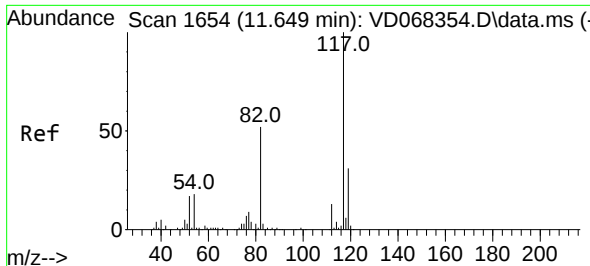
Tgt Ion: 98 Resp: 91153
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.62 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

Tgt Ion: 95 Resp: 27771
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.4
176 82.8 0.0 168.4

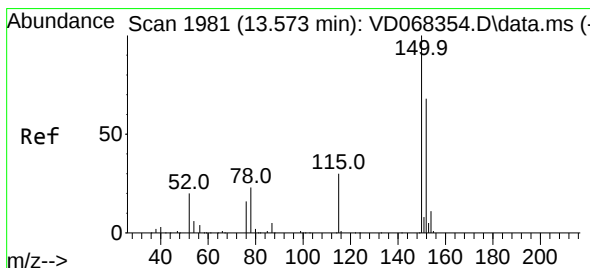
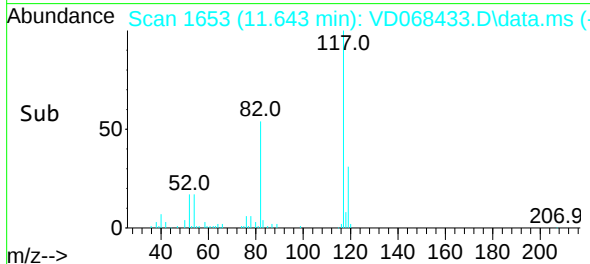
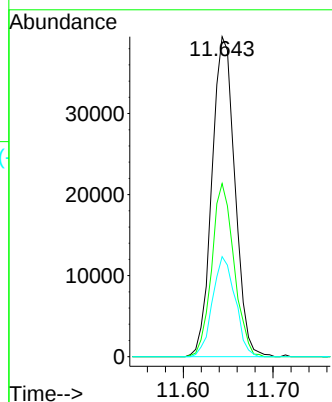
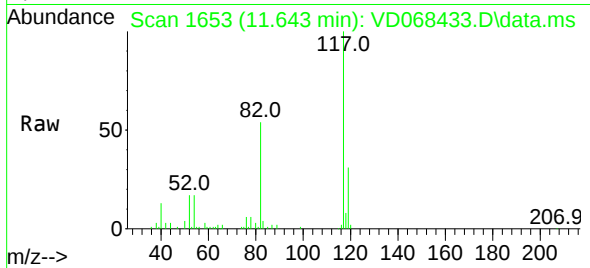




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

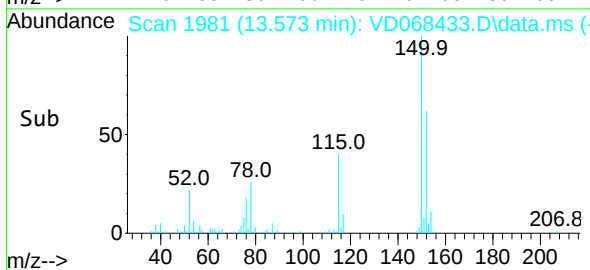
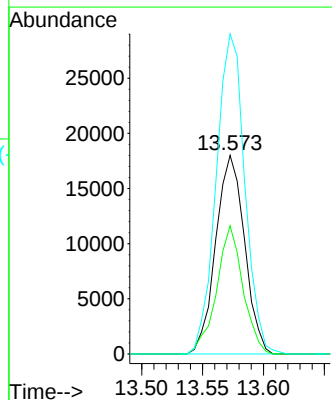
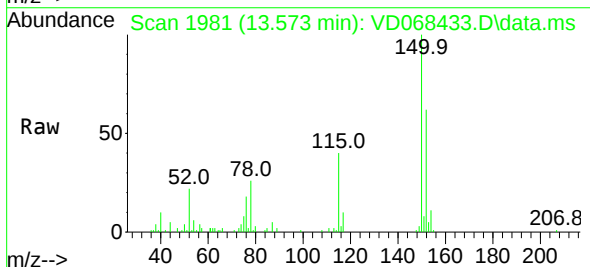
Instrument :
MSVOA_D
ClientSampleId :

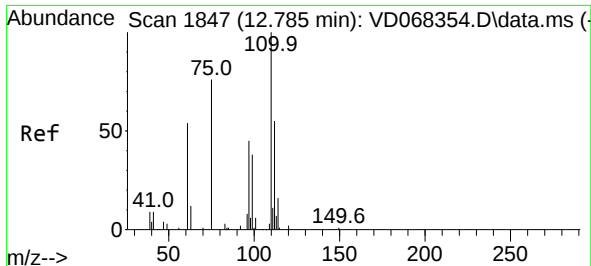
Tgt Ion:	117	Resp:	70098
Ion	Ratio	Lower	Upper
117	100		
82	54.1	41.4	62.0
119	31.2	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

Tgt Ion:	152	Resp:	29663
Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.9	86.8
150	160.1	0.0	344.4

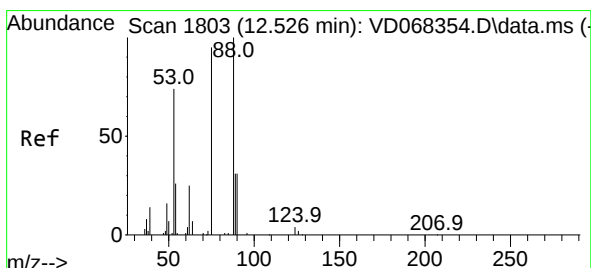
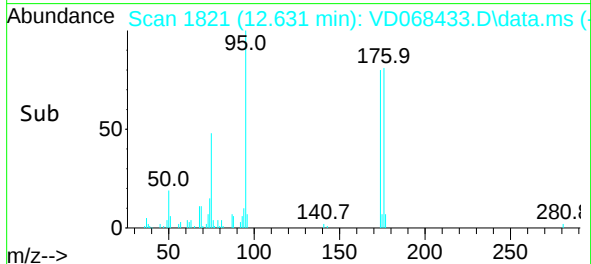
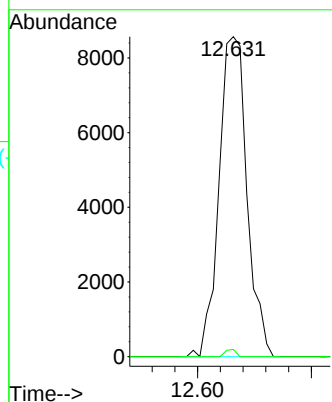
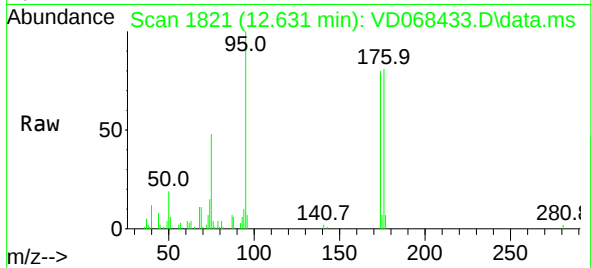




#76
1,2,3-Trichloropropane
Concen: 51.88 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

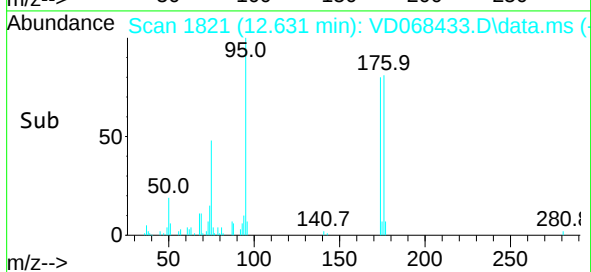
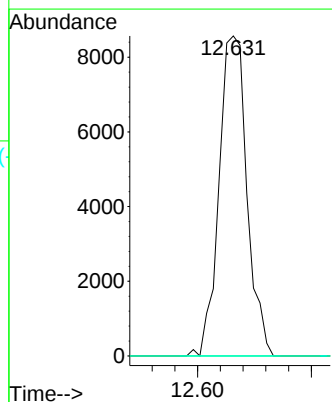
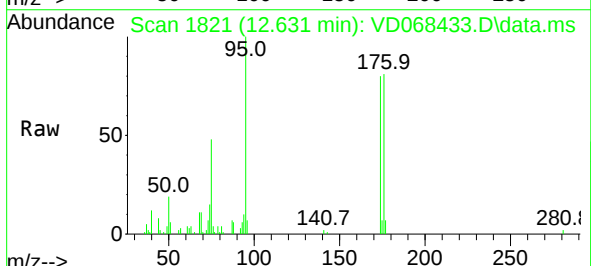
Instrument :
MSVOA_D
ClientSampled :

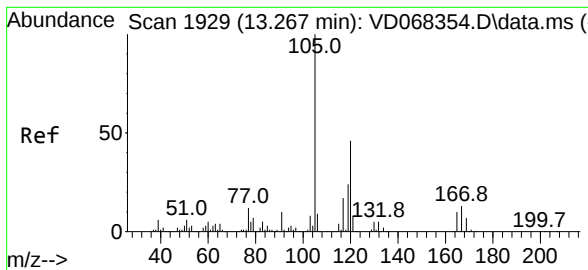
Tgt Ion: 75 Resp: 14645
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.05 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.105 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

Tgt Ion: 75 Resp: 14645
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#





#84

1,2,4-Trimethylbenzene

Concen: 1.35 ug/l

RT: 13.267 min Scan# 1929

Delta R.T. -0.000 min

Lab File: VD068433.D

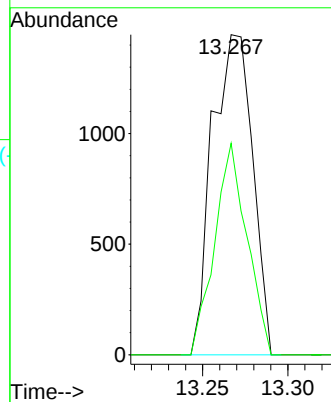
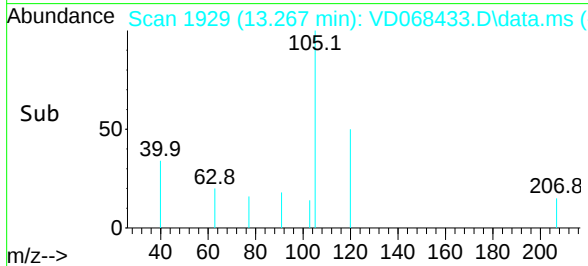
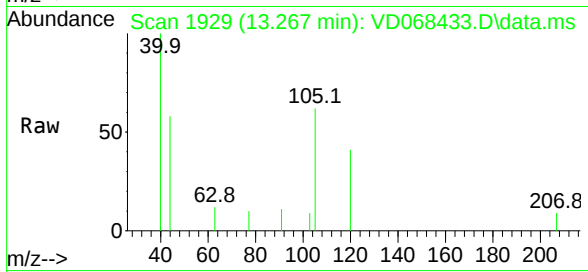
Acq: 24 Feb 2021 13:18

Tgt Ion:105 Resp: 2386

Ion Ratio Lower Upper

105 100

120 52.9 22.4 67.0



Instrument :
MSVOA_D
ClientSampleId :