

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069215.D
 Acq On : 20 May 2021 13:31
 Operator : VA/SY
 Sample : M2469-02
 Misc : 7.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 21 00:53:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

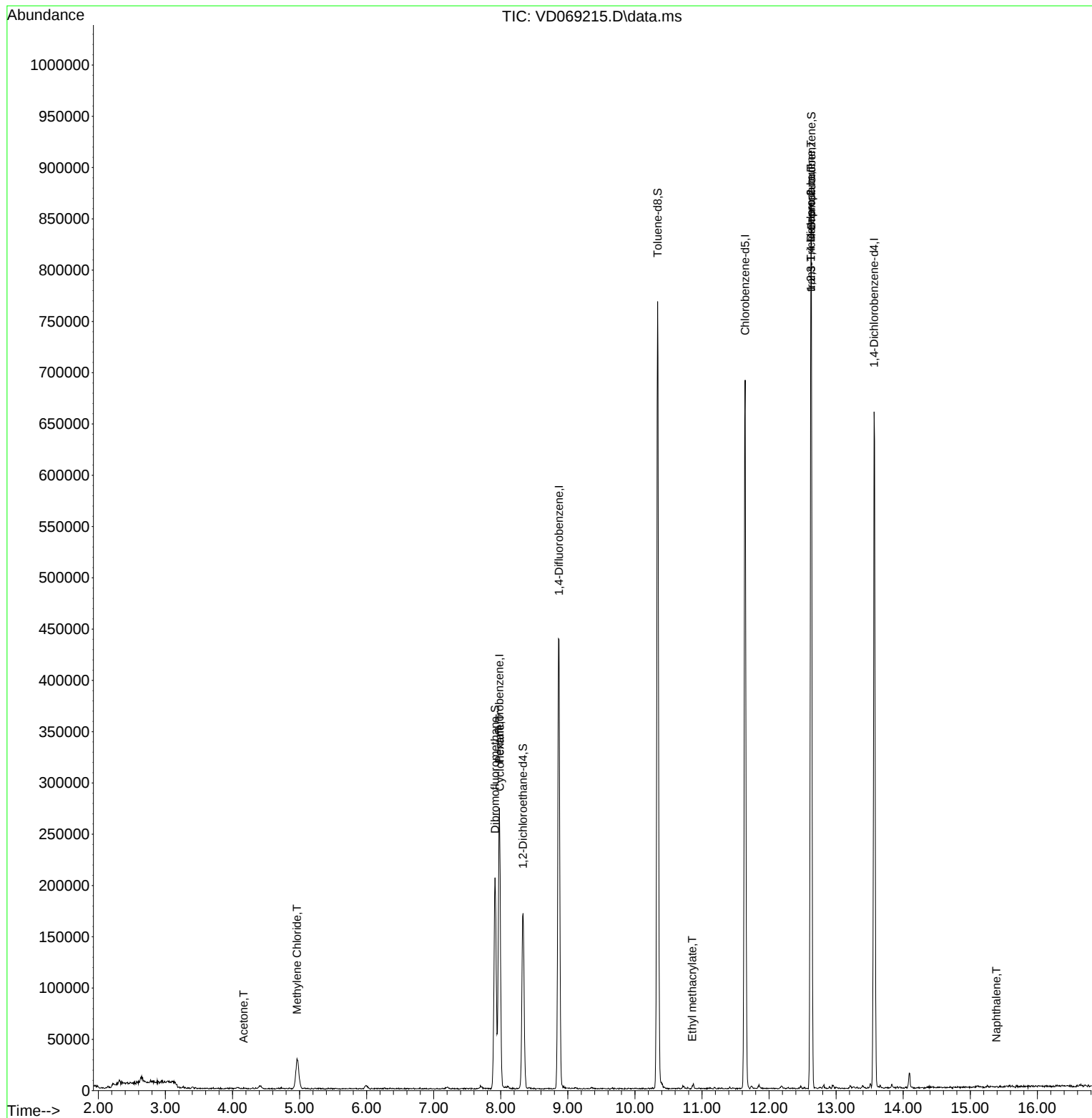
Internal Standards						
1) Pentafluorobenzene	7.979	168	191750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	389938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	410084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	176967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139305	72.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.94%
35) Dibromofluoromethane	7.914	113	146136	57.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.18%
50) Toluene-d8	10.338	98	535090	57.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.78%
62) 4-Bromofluorobenzene	12.632	95	171855	57.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.56%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.232	59	312	Below Cal	#	73
16) Acetone	4.167	43	838	2.85	ug/l #	41
20) Methylene Chloride	4.962	84	24620	1.46	ug/l	96
31) Cyclohexane	7.985	56	4738	1.66	ug/l #	38
49) 1,4-Dioxane	9.402	88	62	Below Cal	#	29
56) Ethyl methacrylate	10.855	69	120	1.37	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	92247	69.34	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	92247	140.07	ug/l #	14
95) Naphthalene	15.390	128	667	2.16	ug/l #	69

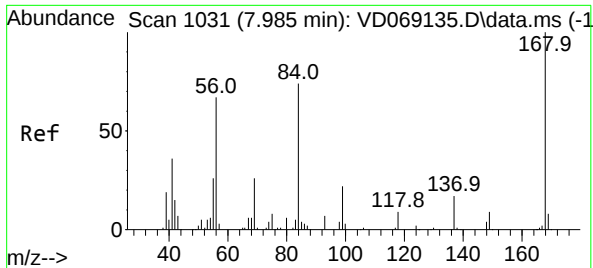
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 21 00:53:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

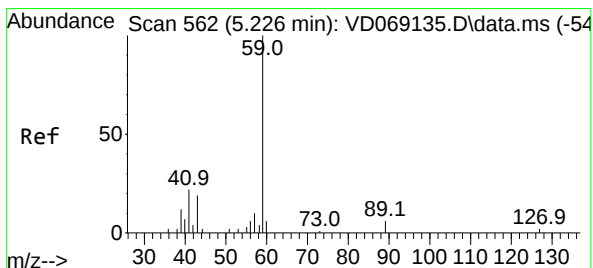
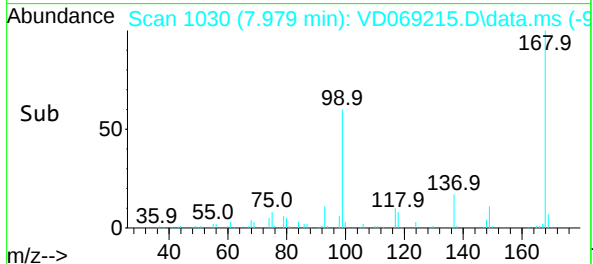
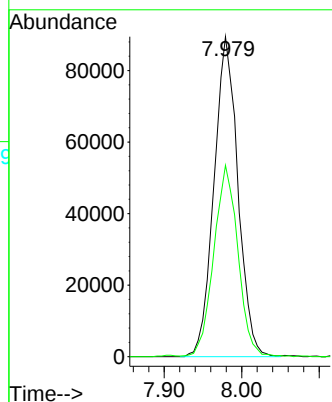
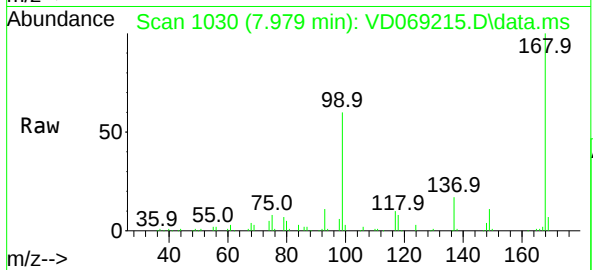




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

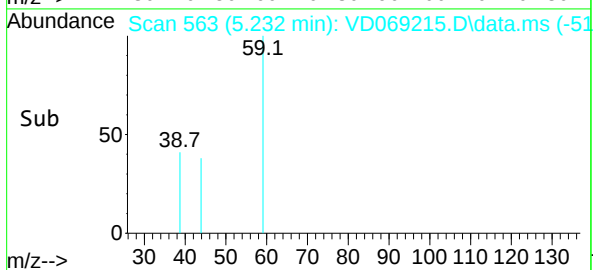
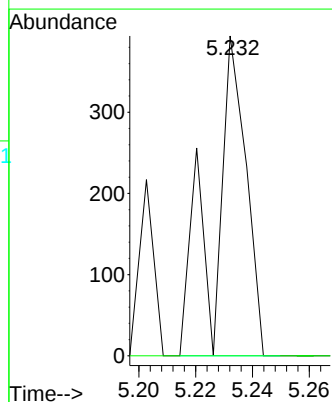
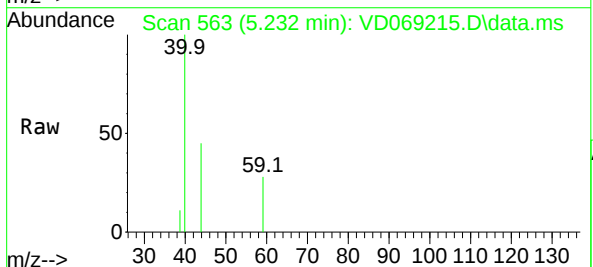
Instrument :
MSVOA_D
ClientSampleId :

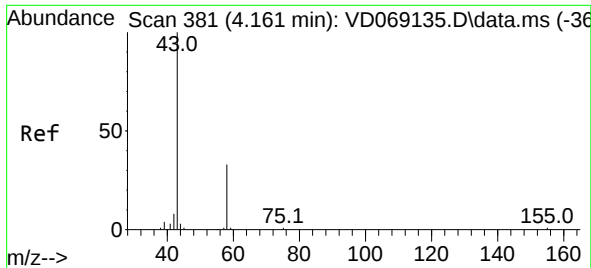
Tgt Ion:168 Resp: 191750
Ion Ratio Lower Upper
168 100
99 59.6 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

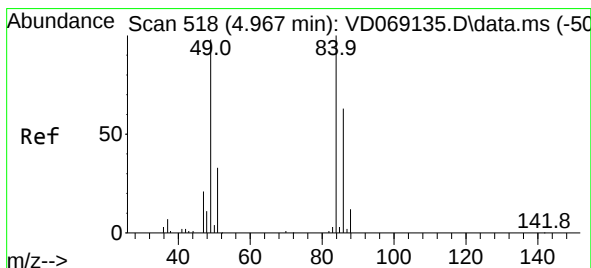
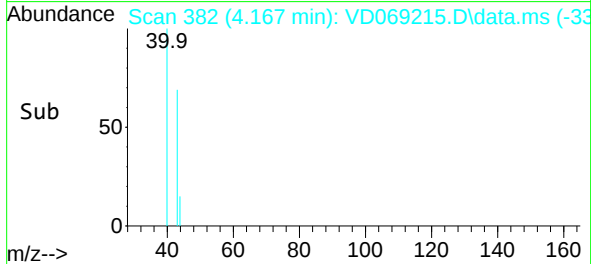
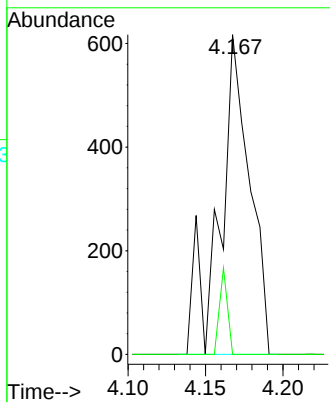
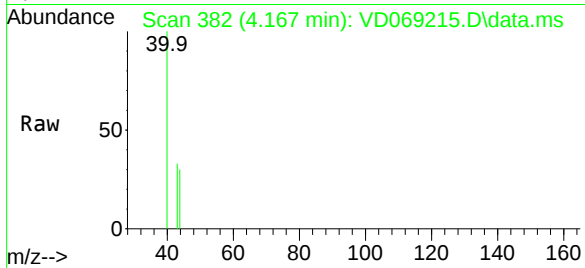




#16
Acetone
Concen: 2.85 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

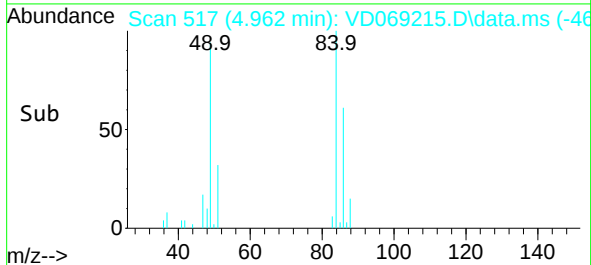
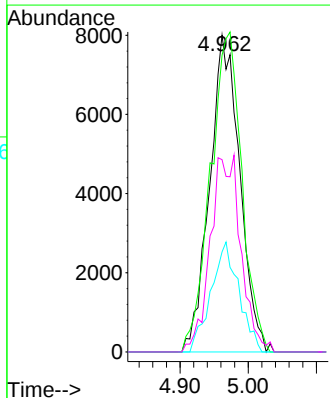
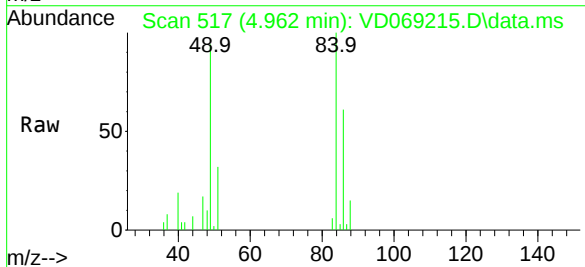
Instrument :
MSVOA_D
ClientSampleId :

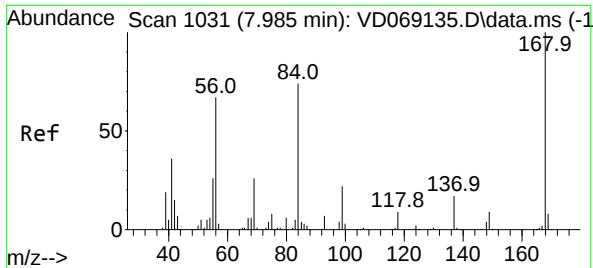
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: 1.46 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Tgt Ion: 84 Resp: 24620
Ion Ratio Lower Upper
84 100
49 93.6 78.6 117.8
51 31.6 26.7 40.1
86 60.7 50.3 75.5

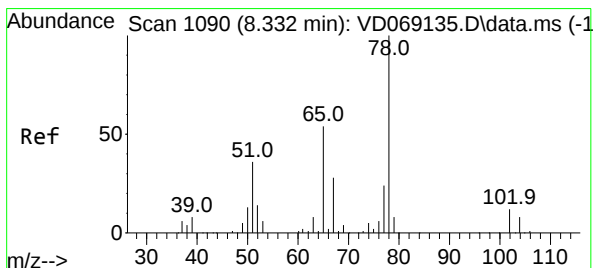
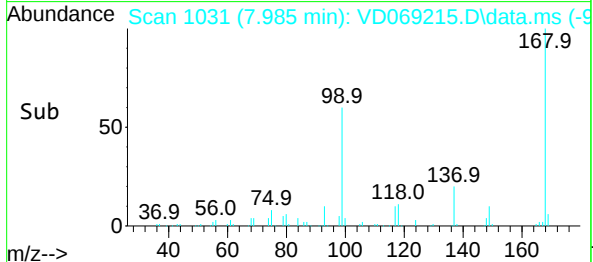
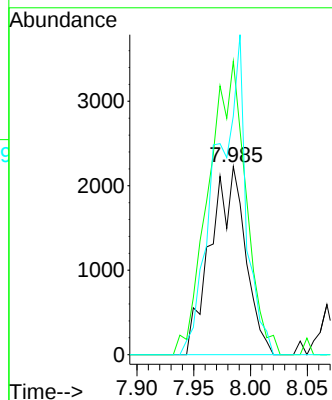
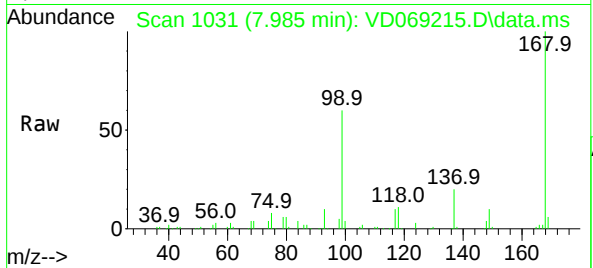




#31
Cyclohexane
Concen: 1.66 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

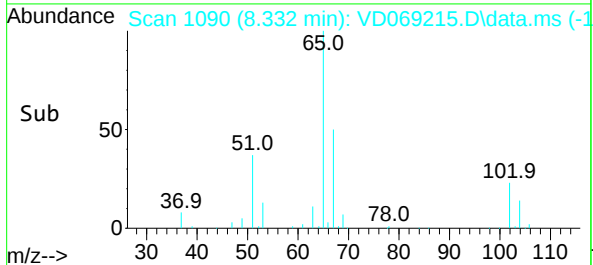
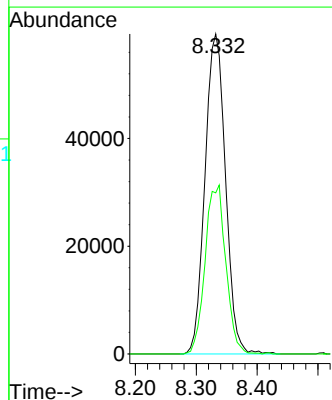
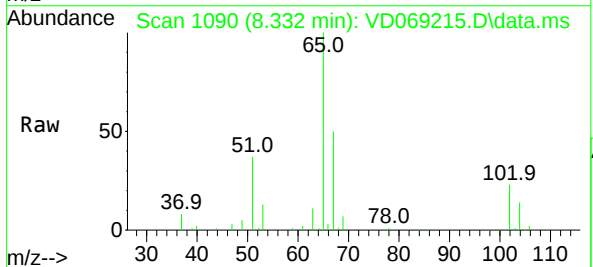
Instrument :
MSVOA_D
ClientSampleId :

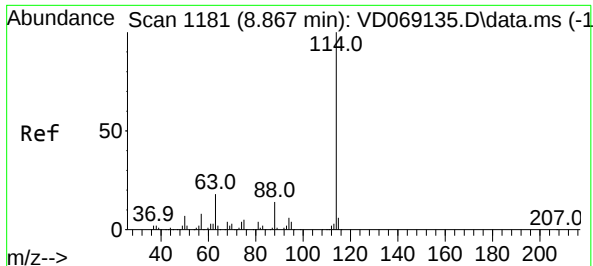
Tgt Ion: 56 Resp: 4738
Ion Ratio Lower Upper
56 100
69 155.9 30.6 46.0#
84 126.8 88.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 72.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Tgt Ion: 65 Resp: 139305
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069215.D

Acq: 20 May 2021 13:31

Instrument :

MSVOA_D

ClientSampleId :

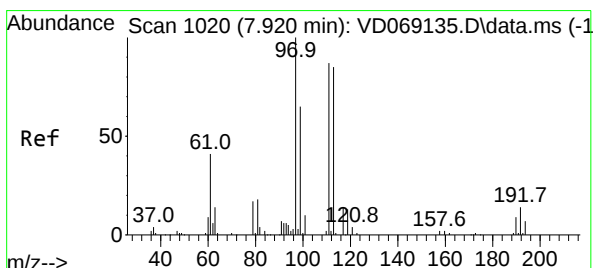
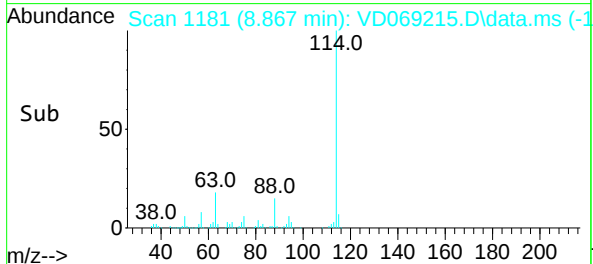
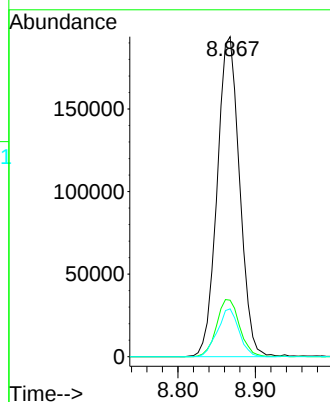
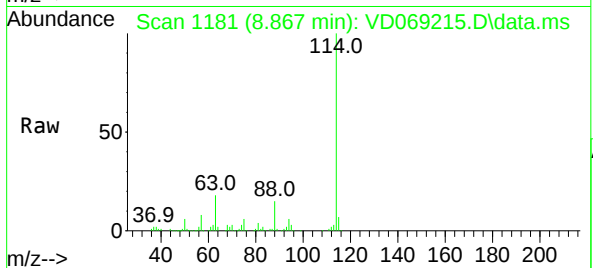
Tgt Ion:114 Resp: 389938

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

88 15.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 57.59 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069215.D

Acq: 20 May 2021 13:31

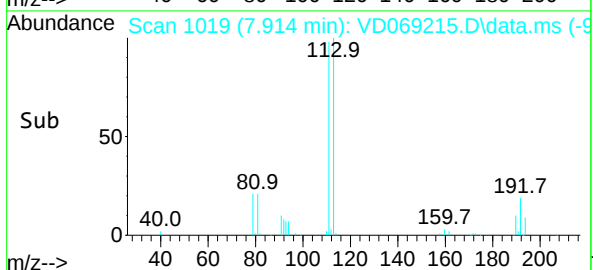
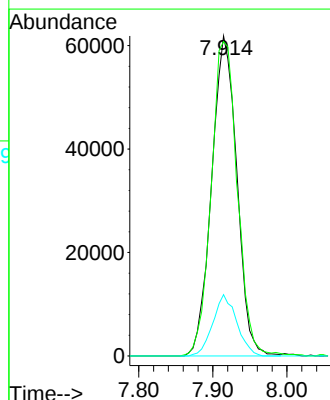
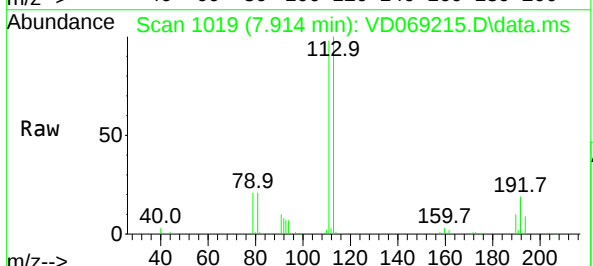
Tgt Ion:113 Resp: 146136

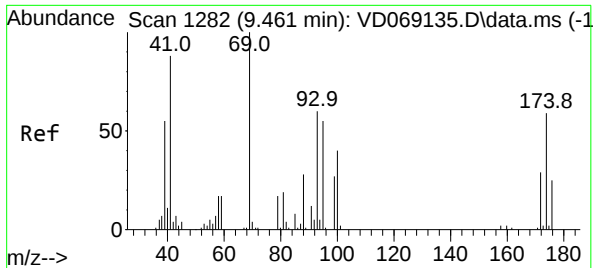
Ion Ratio Lower Upper

113 100

111 102.0 80.6 120.8

192 18.2 14.8 22.2

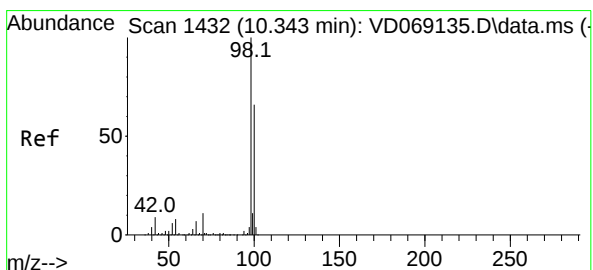
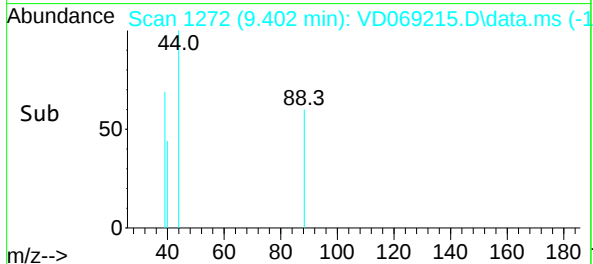
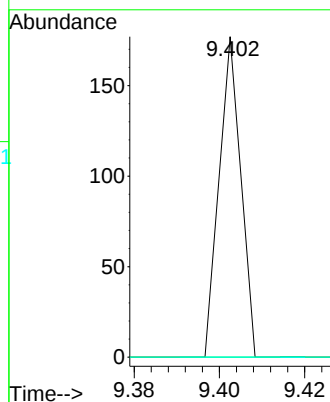
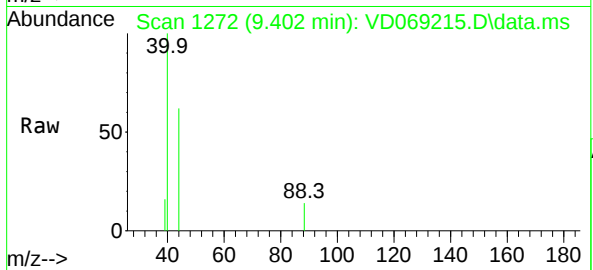




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.402 min Scan# 1272
Delta R.T. -0.059 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

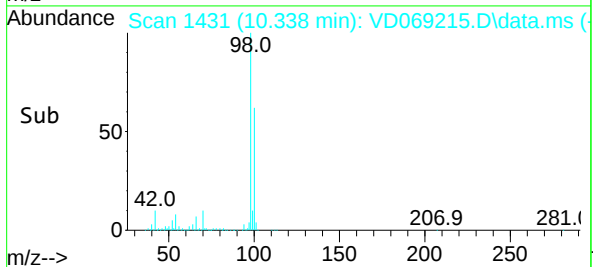
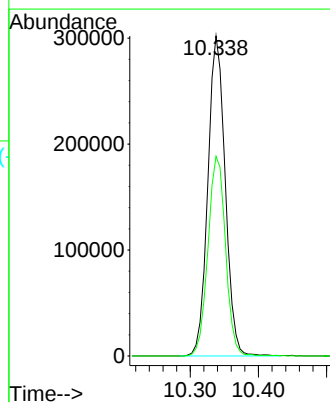
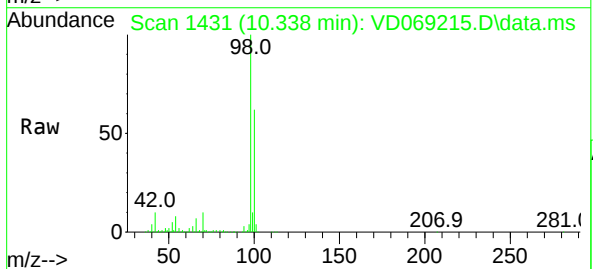
Instrument :
MSVOA_D
ClientSampleId :

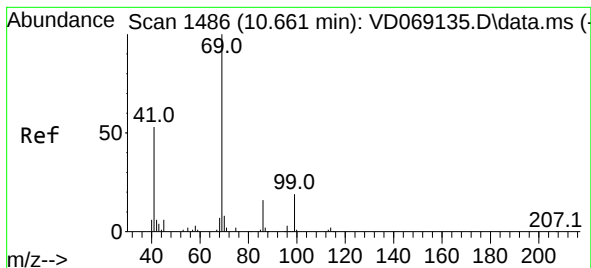
Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 26.7 40.1#
58 0.0 45.8 68.6#



#50
Toluene-d8
Concen: 57.39 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Tgt Ion: 98 Resp: 535090
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.8

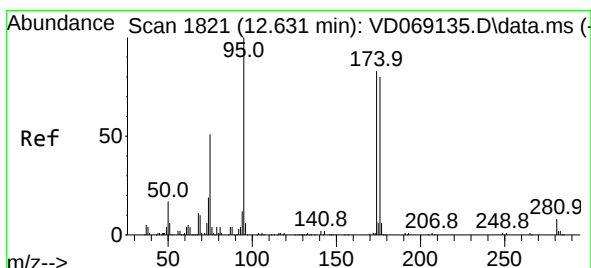
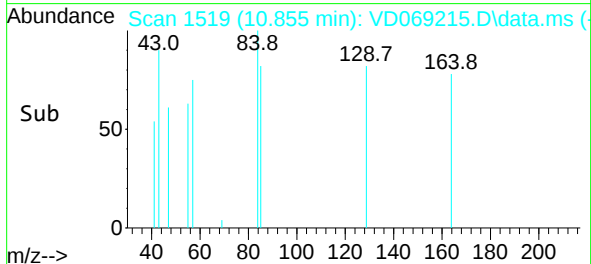
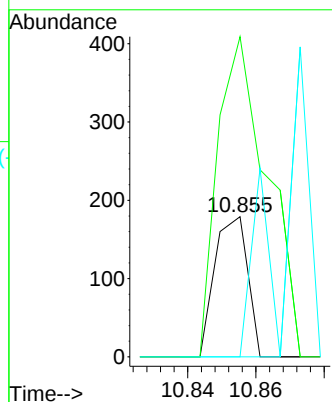
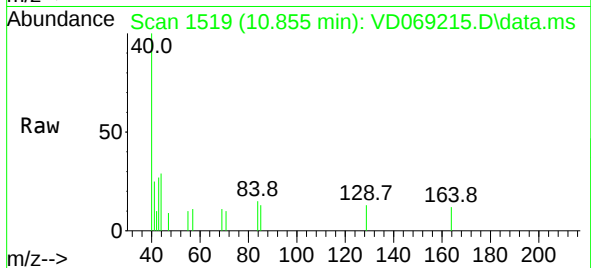




#56
Ethyl methacrylate
Concen: 1.37 ug/l
RT: 10.855 min Scan# 1519
Delta R.T. 0.194 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

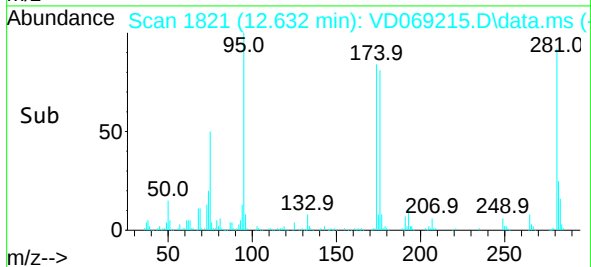
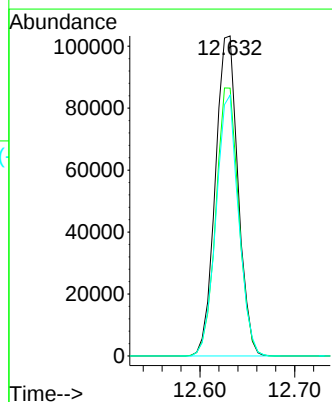
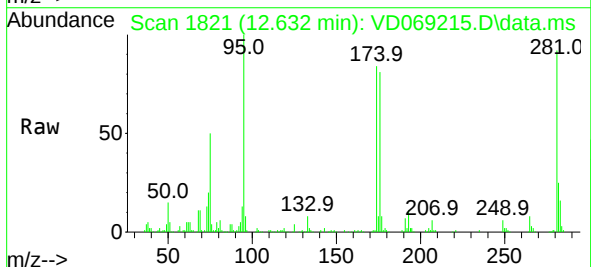
Instrument :
MSVOA_D
ClientSampleId :

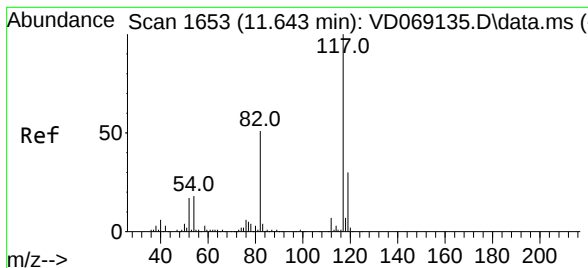
Tgt Ion: 69 Resp: 120
Ion Ratio Lower Upper
69 100
41 344.2 42.2 63.2#
39 187.5 26.3 39.5#



#62
4-Bromofluorobenzene
Concen: 57.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Tgt Ion: 95 Resp: 171855
Ion Ratio Lower Upper
95 100
174 84.1 0.0 171.8
176 80.7 0.0 165.4

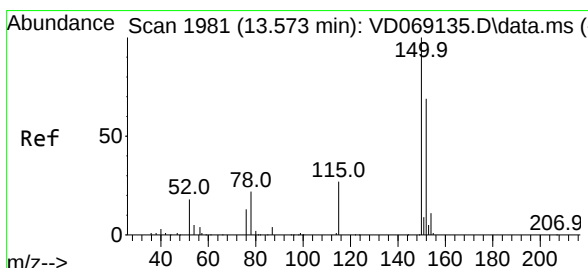
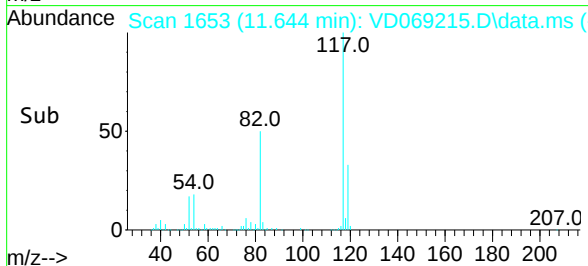
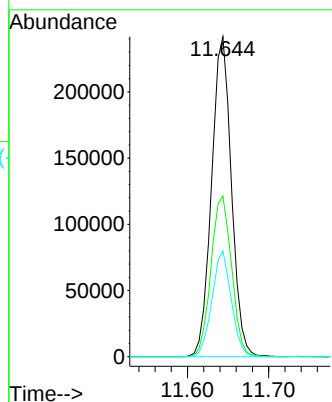
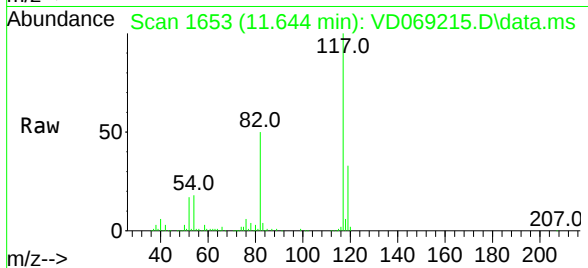




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

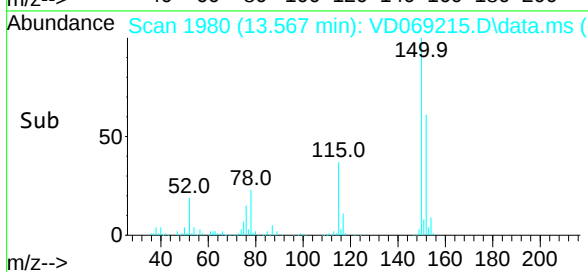
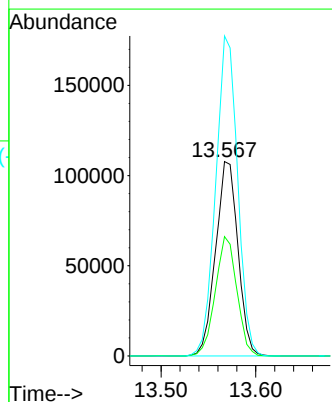
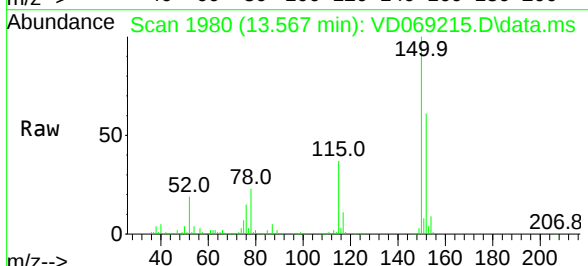
Instrument :
MSVOA_D
ClientSampled :

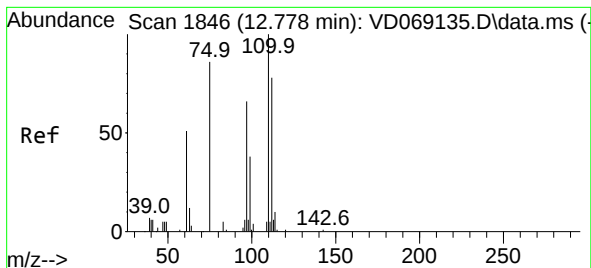
Tgt Ion:117 Resp: 410084
Ion Ratio Lower Upper
117 100
82 50.2 40.5 60.7
119 33.0 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Tgt Ion:152 Resp: 176967
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.8
150 161.3 0.0 350.2

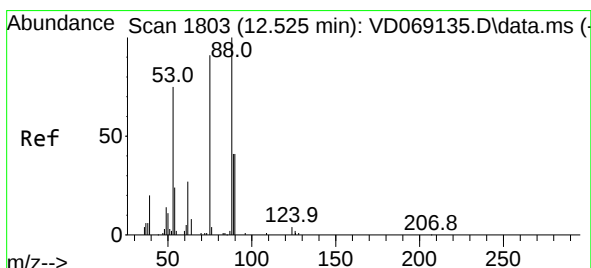
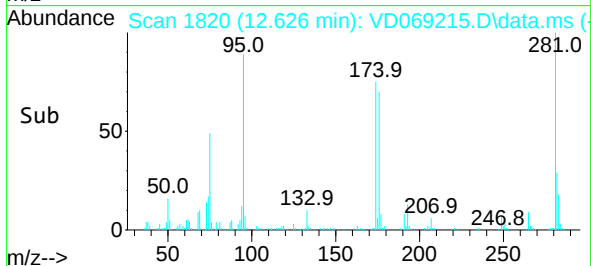
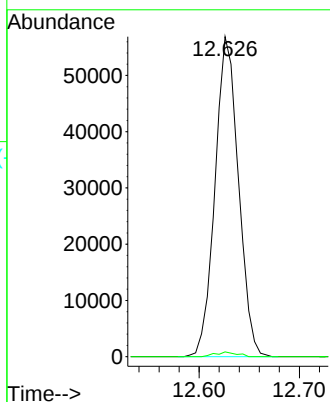
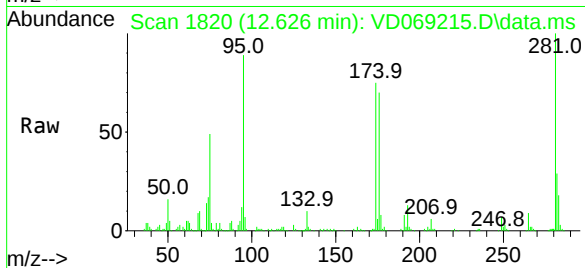




#76
1,2,3-Trichloropropane
Concen: 69.34 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

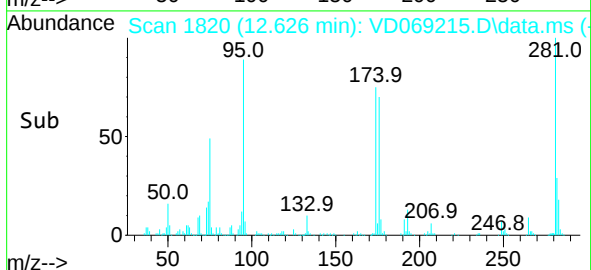
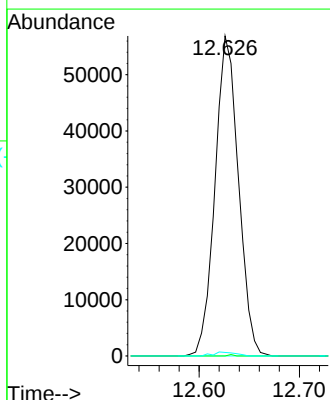
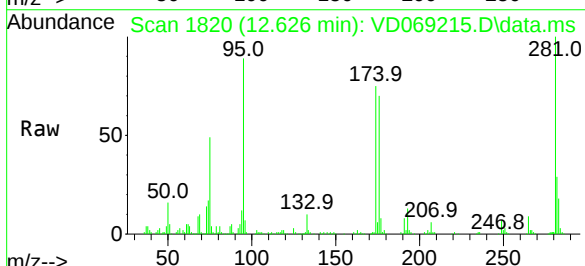
Instrument :
MSVOA_D
ClientSampleId :

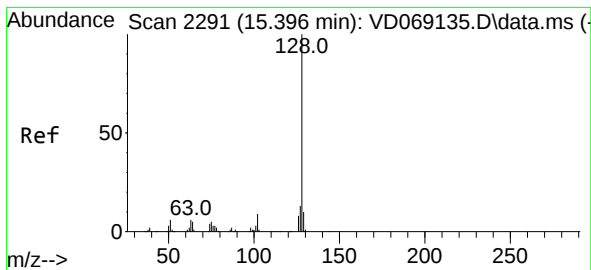
Tgt Ion: 75 Resp: 92247
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.07 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Tgt Ion: 75 Resp: 92247
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 1.2 40.2 60.2#





#95
Naphthalene
Concen: 2.16 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069215.D
Acq: 20 May 2021 13:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 667
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

