

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068225.D
 Acq On : 28 Jan 2021 16:07
 Operator : VA/SY
 Sample : M1253-07
 Misc : 5.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-229

Quant Time: Jan 29 00:10:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

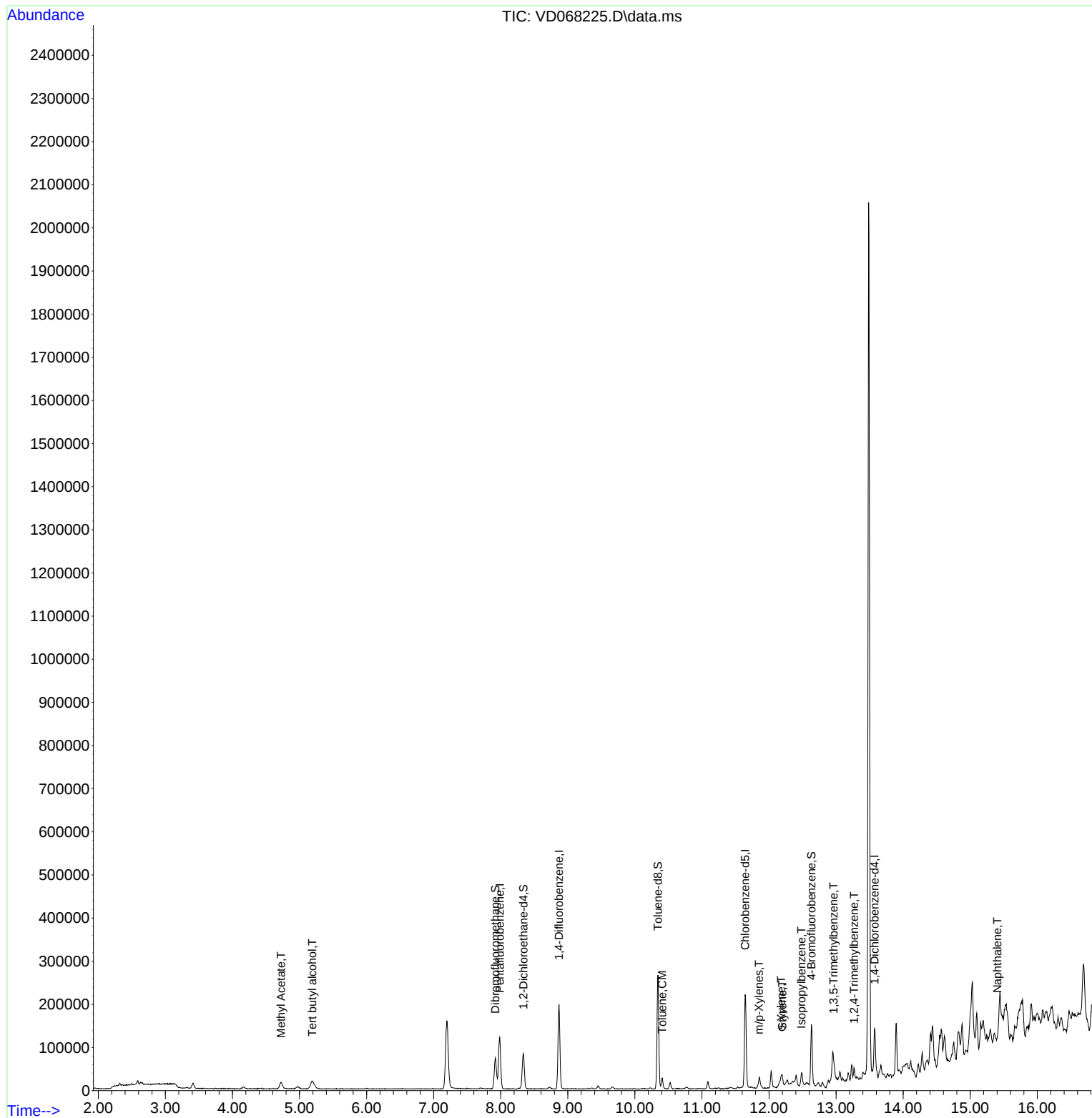
Internal Standards						
1) Pentafluorobenzene	7.985	168	90267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	169406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	129406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	32842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	66832	77.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.80%
35) Dibromofluoromethane	7.920	113	52031	55.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.10%
50) Toluene-d8	10.344	98	185888	49.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.24%
62) 4-Bromofluorobenzene	12.632	95	48652	36.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.12%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	23503	321.75	ug/l #	75
18) Methyl Acetate	4.726	43	30292	75.70	ug/l	92
52) Toluene	10.408	92	10479	3.37	ug/l	95
68) m/p-Xylenes	11.849	106	3869	2.01	ug/l	78
69) o-Xylene	12.179	106	4620	2.59	ug/l	98
70) Styrene	12.196	104	8772	2.88	ug/l	94
73) Isopropylbenzene	12.485	105	2947	1.08	ug/l	77
80) 1,3,5-Trimethylbenzene	12.961	105	7253	3.19	ug/l	90
84) 1,2,4-Trimethylbenzene	13.267	105	15501	6.86	ug/l	99
95) Naphthalene	15.402	128	12392	9.99	ug/l #	93

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

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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
VNJ-229

Quant Time: Jan 29 00:10:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
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Response via : Initial Calibration

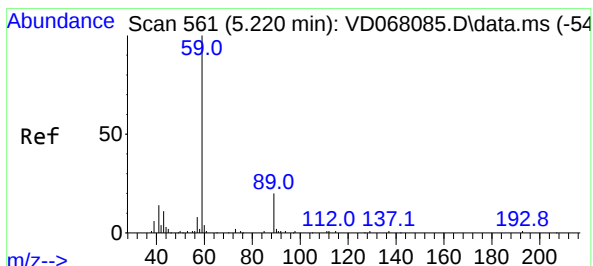
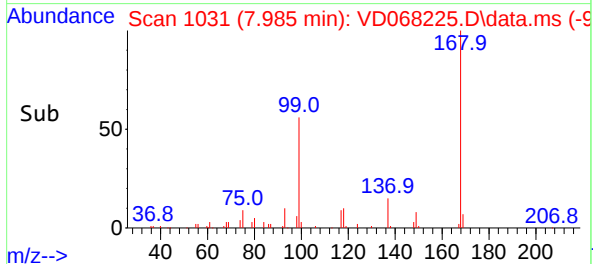
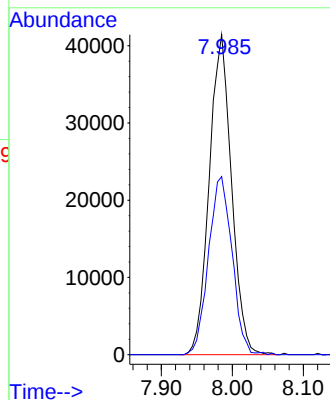
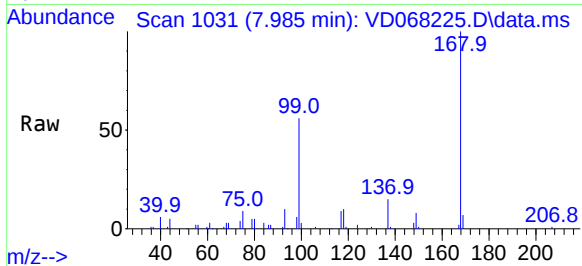




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

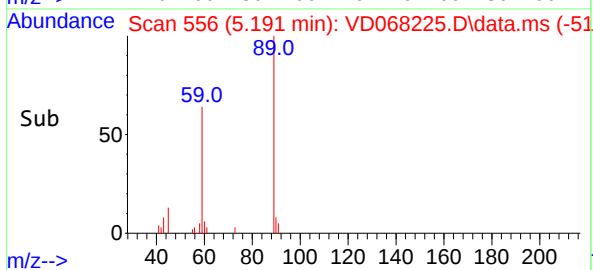
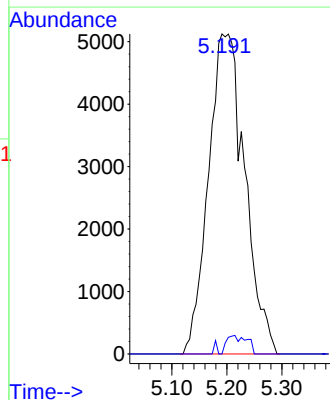
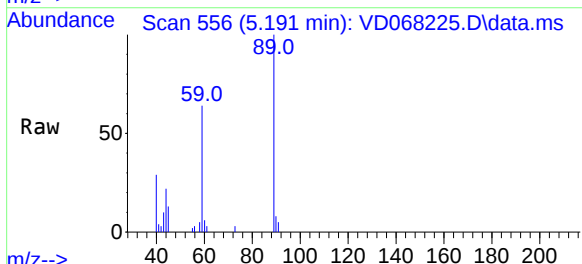
Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

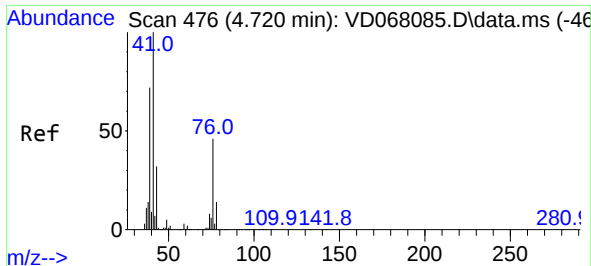
Tgt Ion:168 Resp: 90267
Ion Ratio Lower Upper
168 100
99 55.6 43.5 65.3



#11
Tert butyl alcohol
Concen: 321.75 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Tgt Ion: 59 Resp: 23503
Ion Ratio Lower Upper
59 100
57 0.3 7.4 11.2#

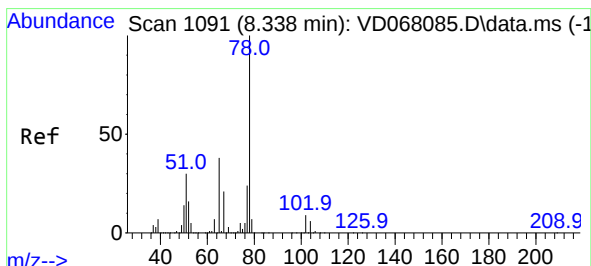
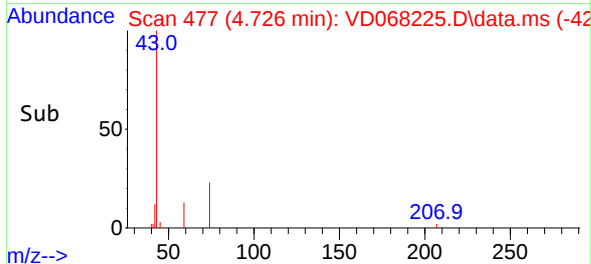
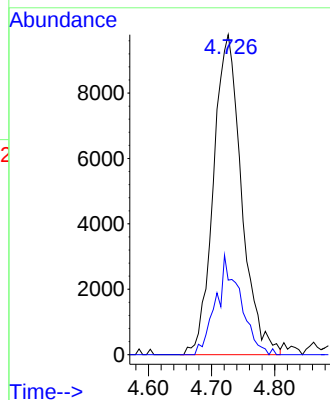
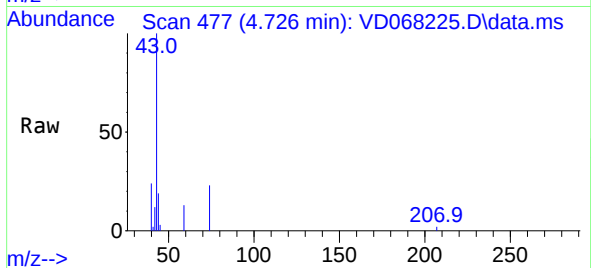




#18
Methyl Acetate
Concen: 75.70 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

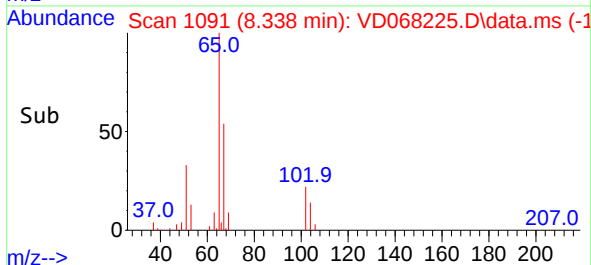
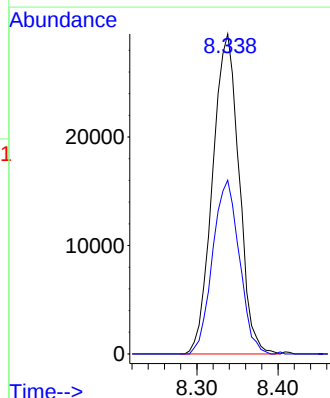
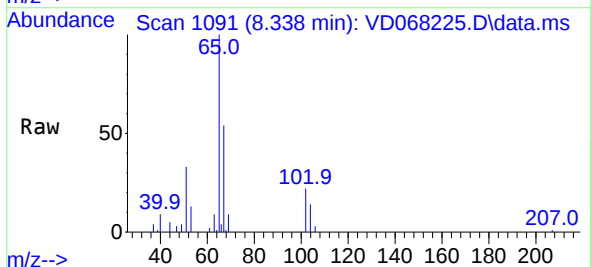
Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

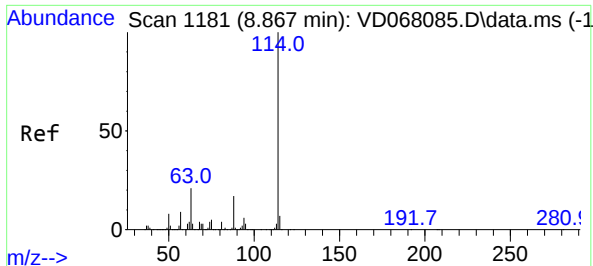
Tgt Ion: 43 Resp: 30292
Ion Ratio Lower Upper
43 100
74 27.3 25.4 38.0



#33
1,2-Dichloroethane-d4
Concen: 77.40 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Tgt Ion: 65 Resp: 66832
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.0



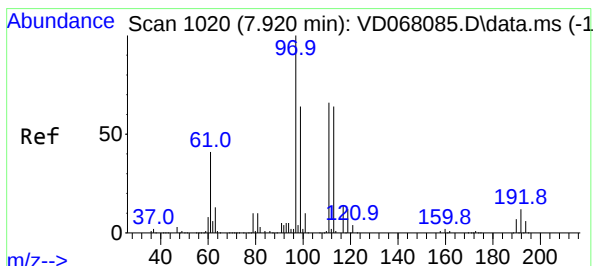
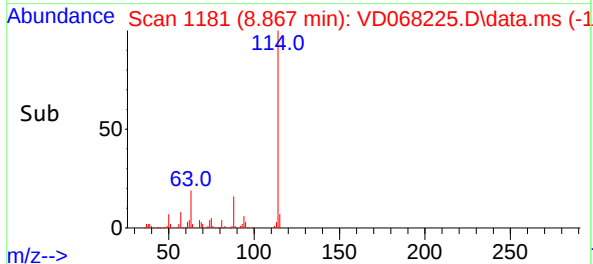
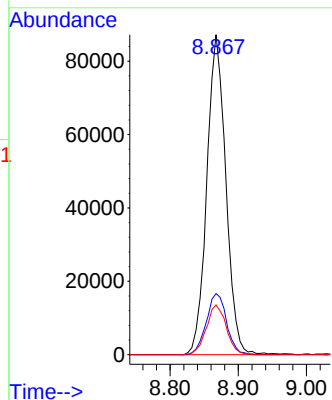
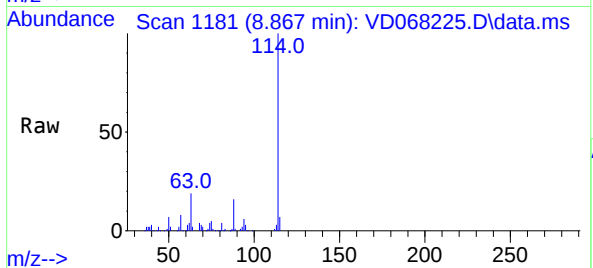


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

Tgt Ion:114 Resp: 169406

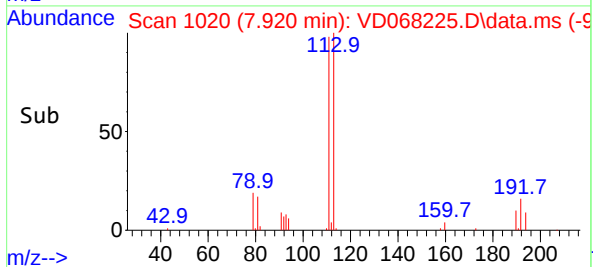
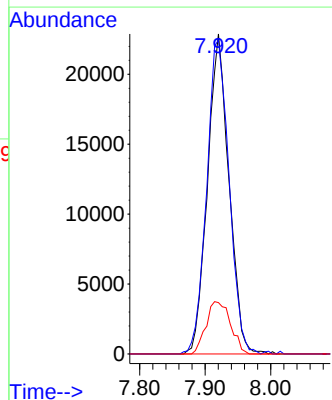
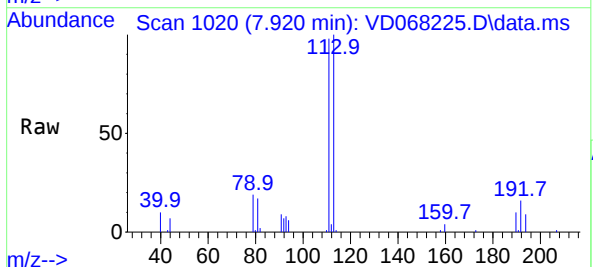
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	34.8
88	15.6	0.0	31.6

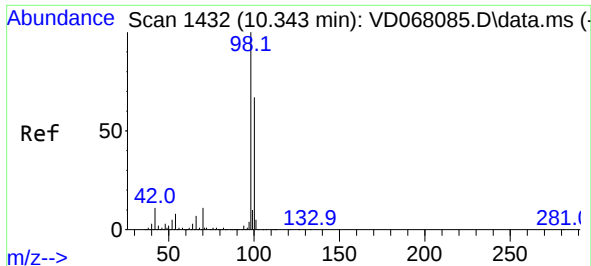


#35
Dibromofluoromethane
Concen: 55.55 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Tgt Ion:113 Resp: 52031

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	18.6	16.1	24.1

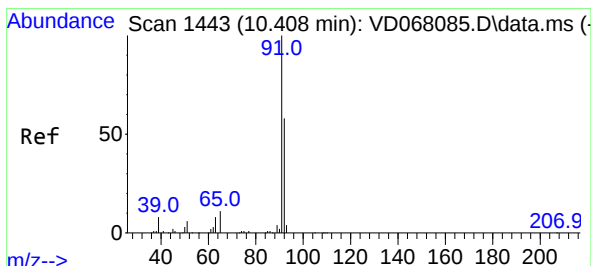
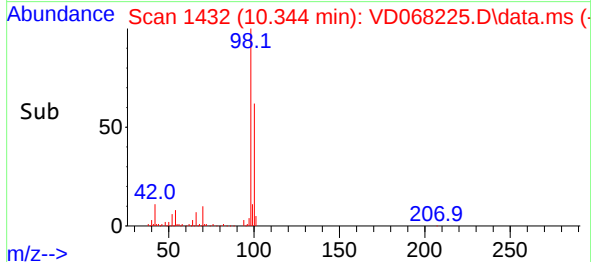
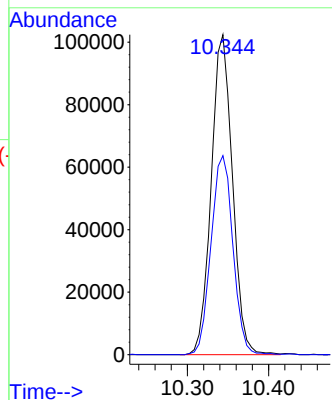
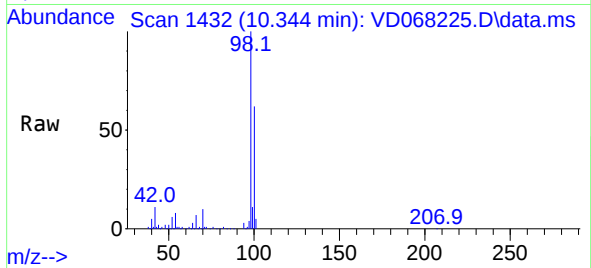




#50
Toluene-d8
Concen: 49.62 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

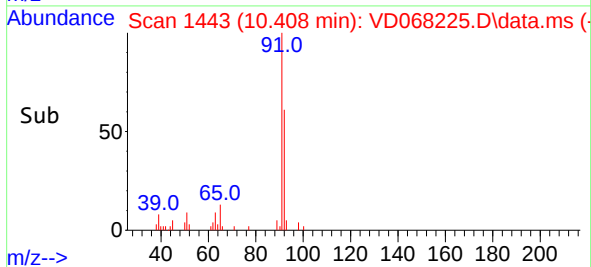
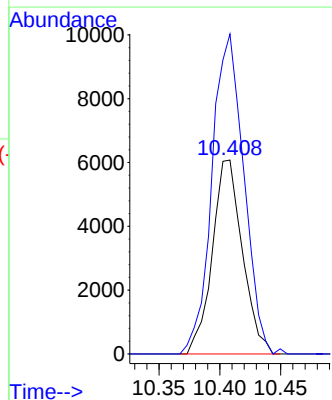
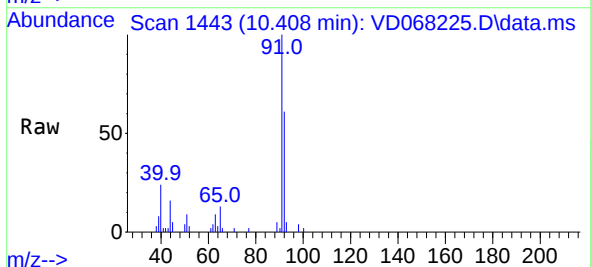
Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

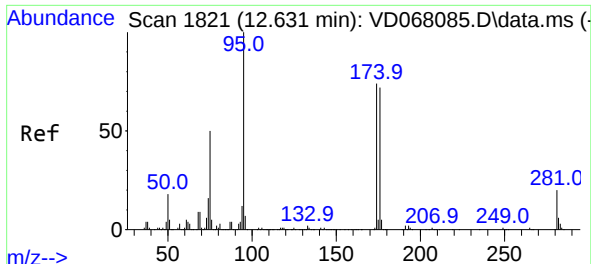
Tgt Ion: 98 Resp: 185888
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#52
Toluene
Concen: 3.37 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Tgt Ion: 92 Resp: 10479
Ion Ratio Lower Upper
92 100
91 174.6 134.1 201.1



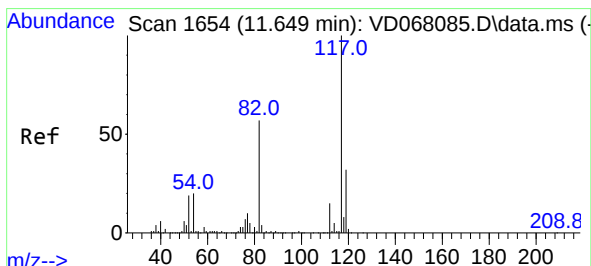
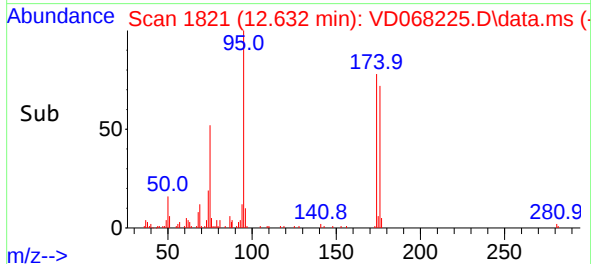
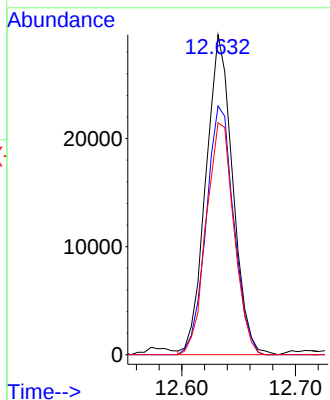
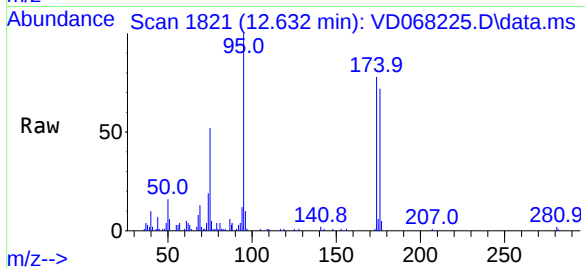


#62
4-Bromofluorobenzene
Concen: 36.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

Tgt Ion: 95 Resp: 48652

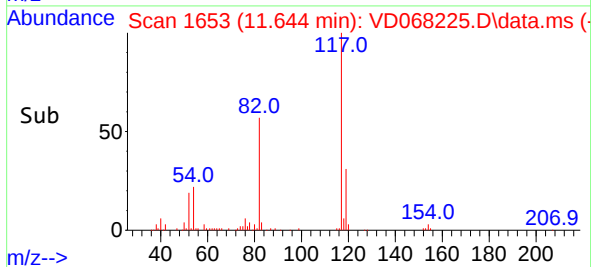
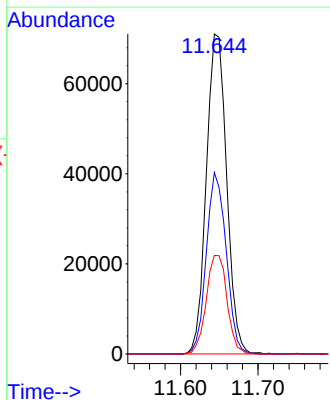
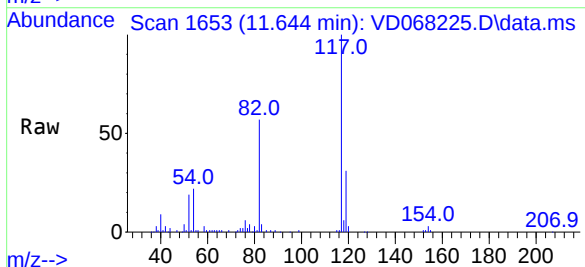
Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	172.4
176	74.9	0.0	168.4

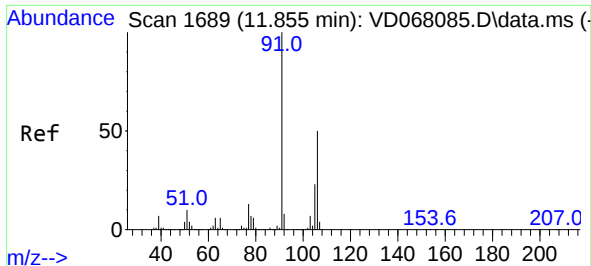


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Tgt Ion: 117 Resp: 129406

Ion	Ratio	Lower	Upper
117	100		
82	56.7	41.4	62.0
119	30.8	26.1	39.1

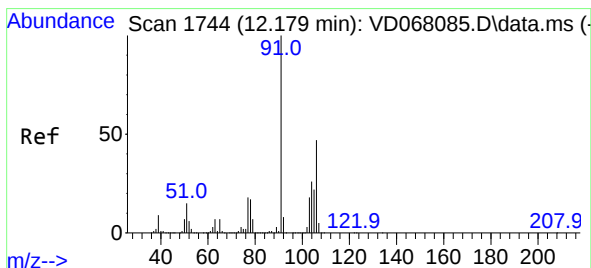
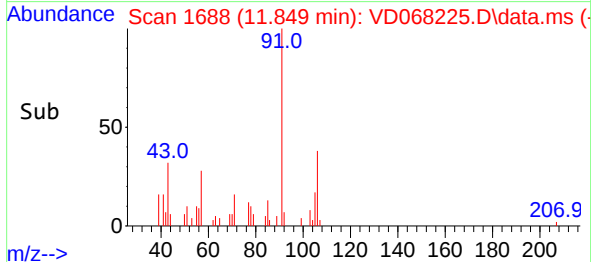
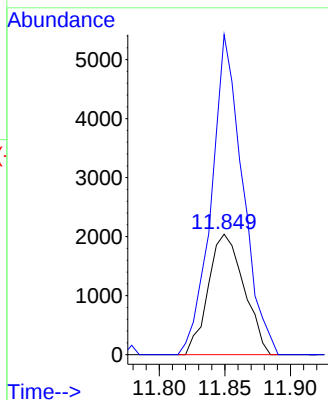
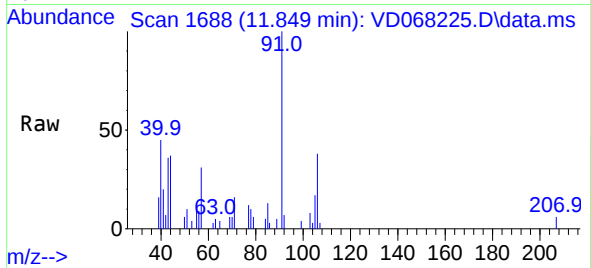




#68
m/p-Xylenes
Concen: 2.01 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

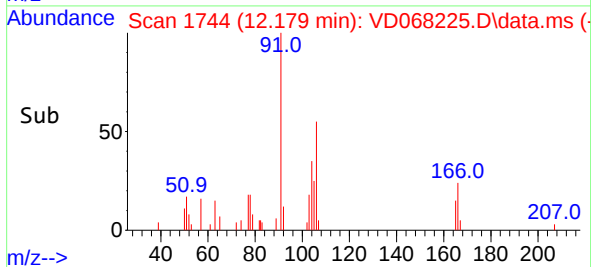
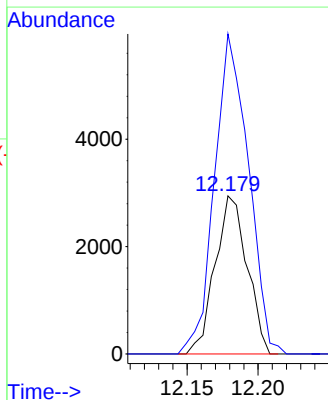
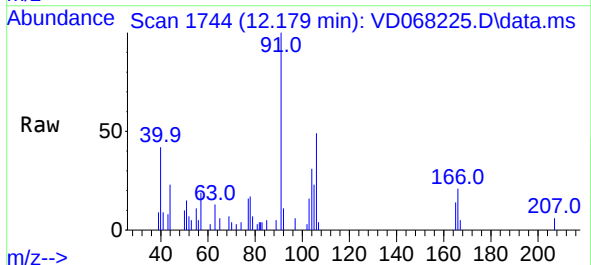
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MSVOA_D
ClientSampleId :
VNJ-229

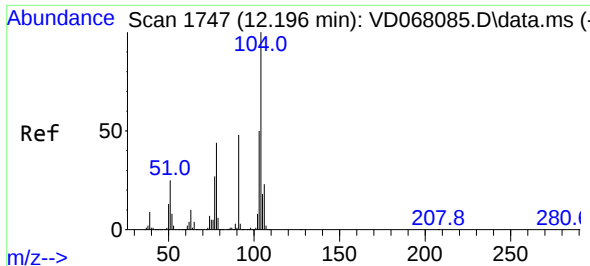
Tgt Ion:106 Resp: 3869
Ion Ratio Lower Upper
106 100
91 232.6 159.1 238.7



#69
o-Xylene
Concen: 2.59 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Tgt Ion:106 Resp: 4620
Ion Ratio Lower Upper
106 100
91 214.5 108.7 325.9

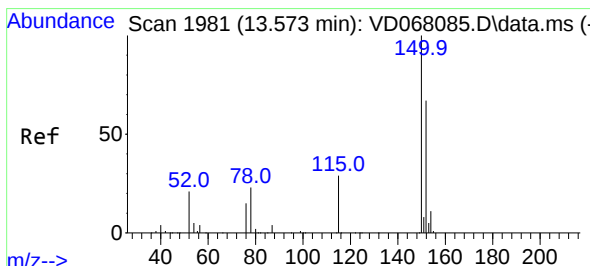
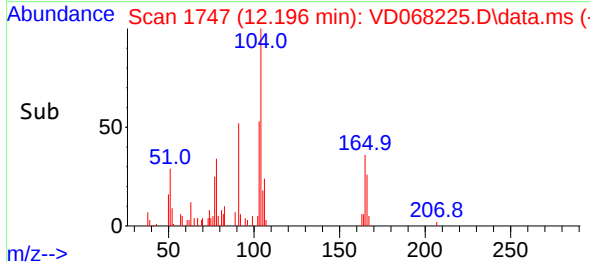
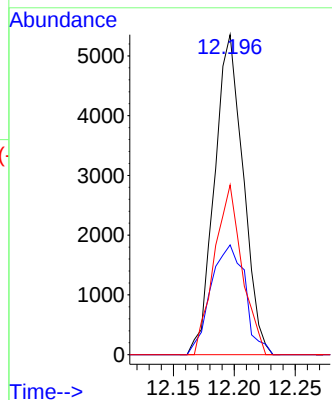
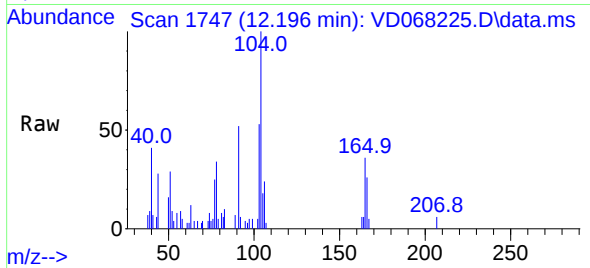




#70
Styrene
Concen: 2.88 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

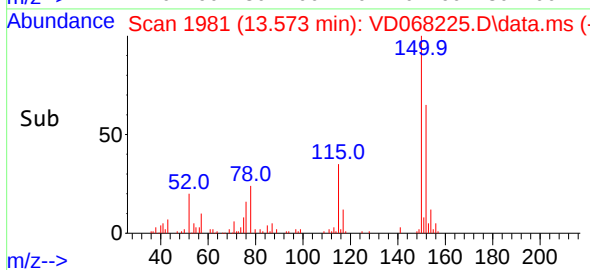
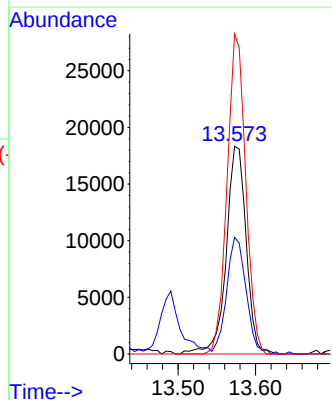
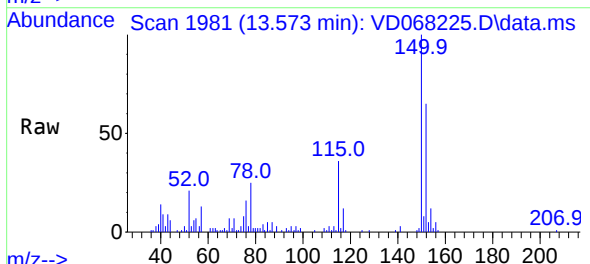
Instrument :
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VNJ-229

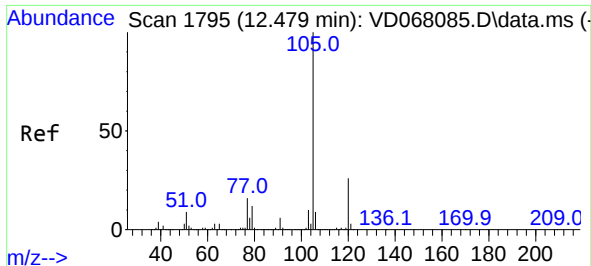
Tgt Ion:	104	Resp:	8772
Ion Ratio	Lower	Upper	
104	100		
78	41.1	38.2	57.2
103	51.4	43.1	64.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Tgt Ion:	152	Resp:	32842
Ion Ratio	Lower	Upper	
152	100		
115	54.8	28.9	86.8
150	143.6	0.0	344.4

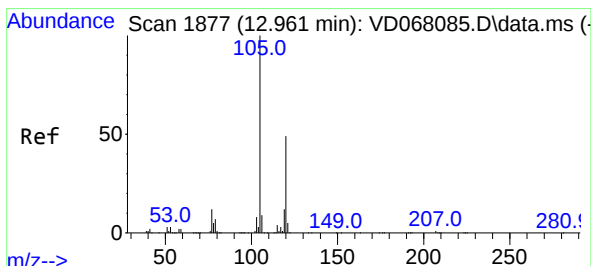
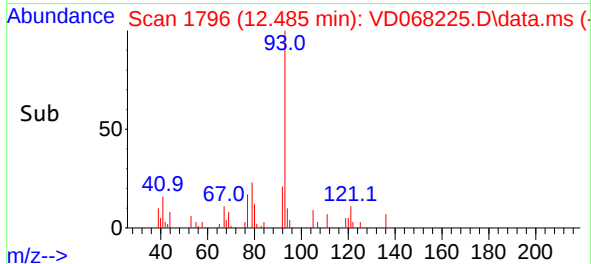
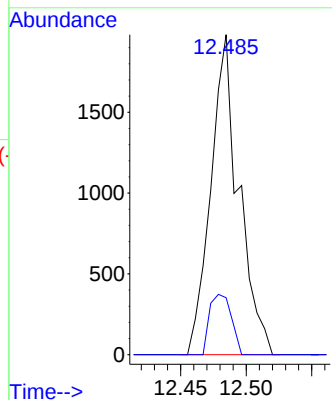
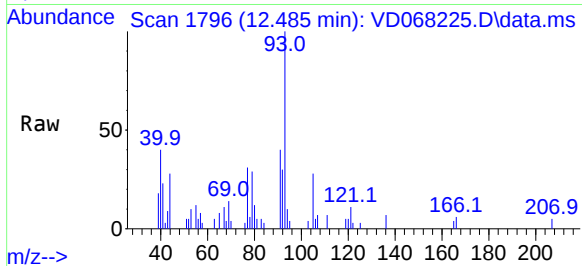




#73
Isopropylbenzene
Concen: 1.08 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

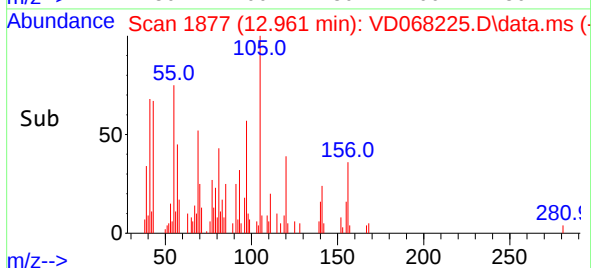
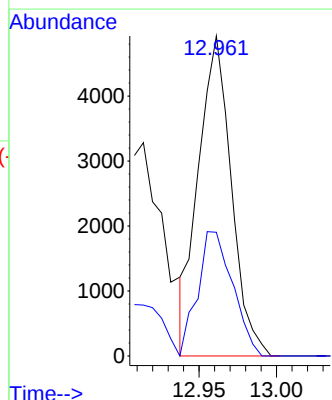
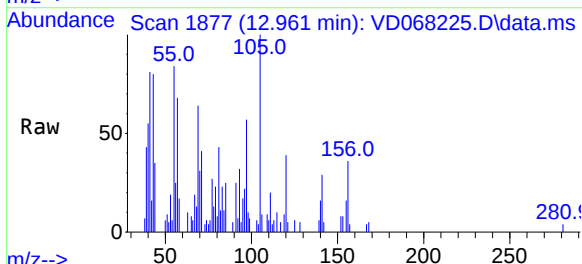
Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

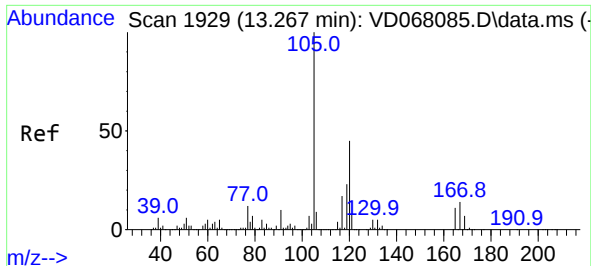
Tgt Ion:105 Resp: 2947
Ion Ratio Lower Upper
105 100
120 14.7 13.2 39.6



#80
1,3,5-Trimethylbenzene
Concen: 3.19 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Tgt Ion:105 Resp: 7253
Ion Ratio Lower Upper
105 100
120 41.5 24.2 72.6

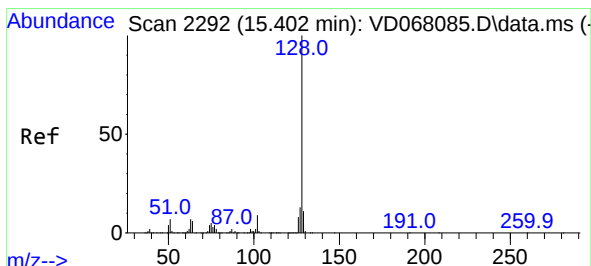
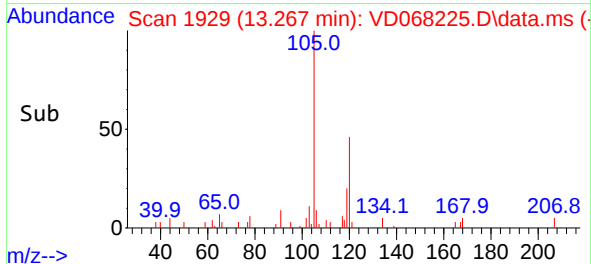
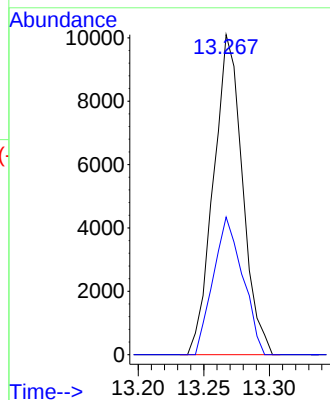
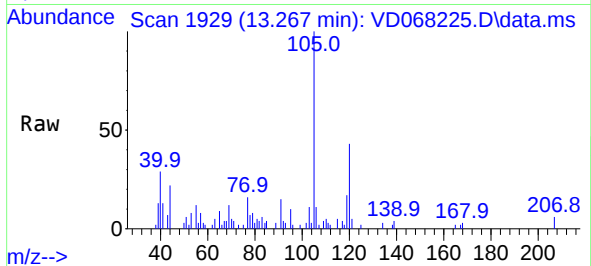




#84
1,2,4-Trimethylbenzene
Concen: 6.86 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

Tgt Ion:105 Resp: 15501
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.0



#95
Naphthalene
Concen: 9.99 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068225.D
Acq: 28 Jan 2021 16:07

Tgt Ion:128 Resp: 12392
Ion Ratio Lower Upper
128 100
127 16.7 10.2 15.2#
129 12.7 8.8 13.2

