

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122920\
 Data File : VD067965.D
 Acq On : 29 Dec 2020 12:59
 Operator : VA/SY
 Sample : L5223-01
 Misc : 2.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 31303

Manual Integrations
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Quant Time: Dec 30 00:13:12 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	7.991	168	267836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.873	114	540014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	450021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	213780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.338	65	168136	58.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.26%
35) Dibromofluoromethane	7.926	113	176421	51.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.70%
50) Toluene-d8	10.379	98	669456	52.34	ug/l	0.04
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.68%
62) 4-Bromofluorobenzene	12.632	95	228243	52.17	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.34%

Target Compounds

						Qvalue
16) Acetone	4.126	43	68004921m	123154.03	ug/l	
18) Methyl Acetate	4.714	43	309400	189.59	ug/l #	86
25) 2-Butanone	7.214	43	691895	849.63	ug/l #	90
39) Methylcyclohexane	9.361	83	7485670	1137.47	ug/l	98
40) Benzene	8.355	78	5974194	358.82	ug/l	98
52) Toluene	10.396	92	63543348m	6182.35	ug/l	
67) Ethyl Benzene	11.743	91	3537609	204.33	ug/l	99
68) m/p-Xylenes	11.849	106	3546870	537.57	ug/l	99
69) o-Xylene	12.179	106	1492804	252.85	ug/l	100
73) Isopropylbenzene	12.479	105	750589	47.30	ug/l	99
78) n-propylbenzene	12.820	91	2169327	109.98	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	2155544	163.56	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	7913420	598.73	ug/l	97
85) sec-Butylbenzene	13.402	105	967779	61.02	ug/l	85
86) p-Isopropyltoluene	13.514	119	596618	42.75	ug/l	99
89) n-Butylbenzene	13.843	91	1068878m	77.21	ug/l	
95) Naphthalene	15.396	128	1498595	235.06	ug/l	99

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

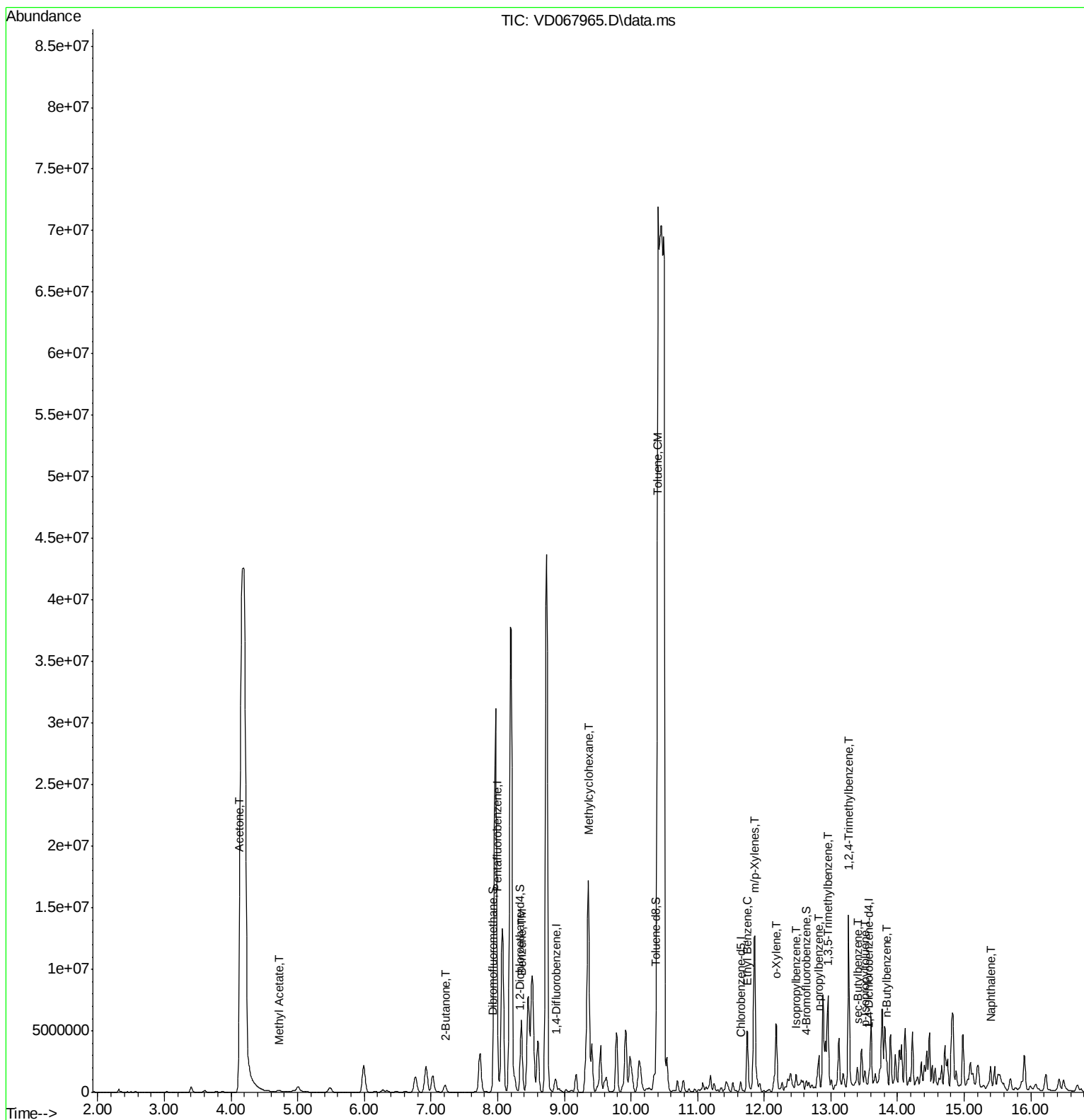
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122920\
Data File : VD067965.D
Acq On : 29 Dec 2020 12:59
Operator : VA/SY
Sample : L5223-01
Misc : 2.64G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

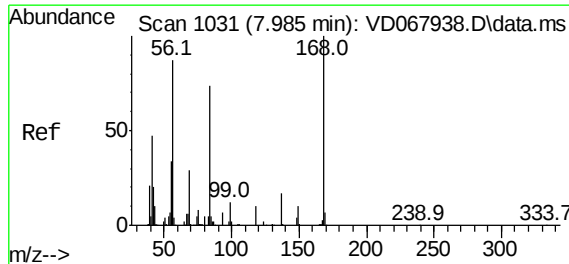
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ClientSampleId :
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Quant Time: Dec 30 00:13:12 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





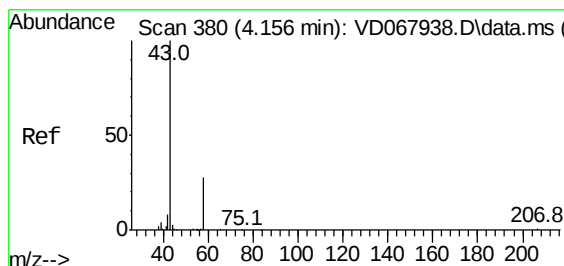
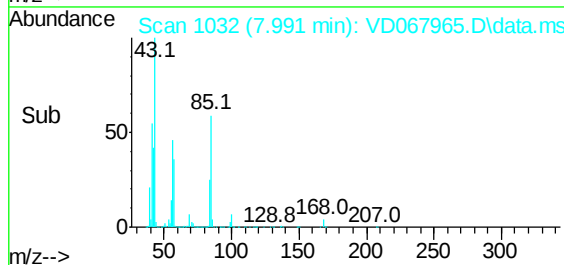
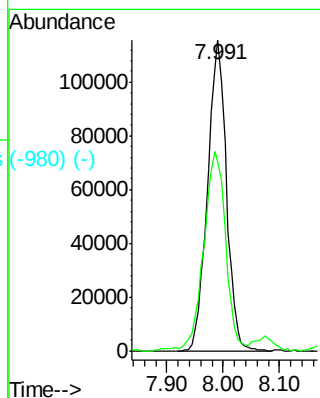
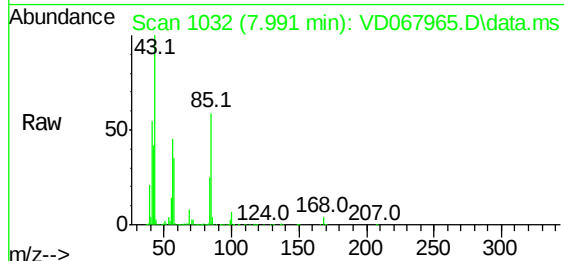
Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:168 Resp: 267836
Ion Ratio Lower Upper
168 100
99 60.0 48.0 72.0

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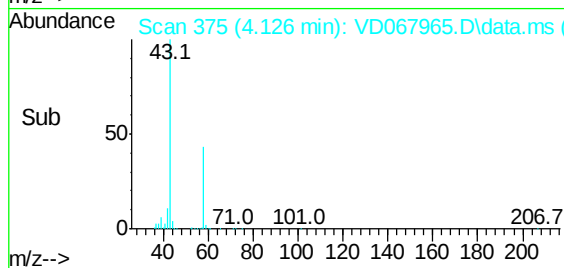
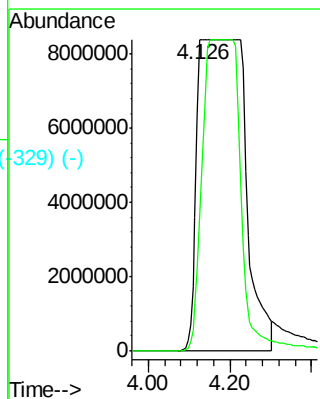
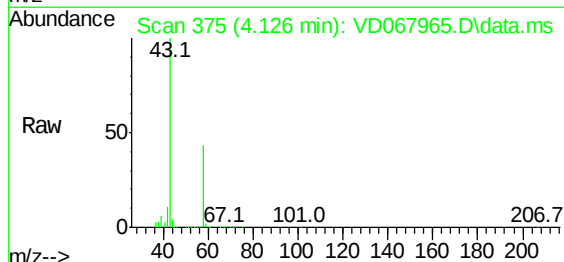
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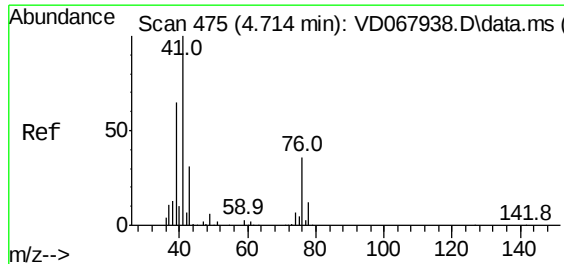
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Acetone
Concen: 123154.03 ug/l m
RT: 4.126 min Scan# 375
Delta R.T. -0.029 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 43 Resp:68004921
Ion Ratio Lower Upper
43 100
58 43.4 22.3 33.5#





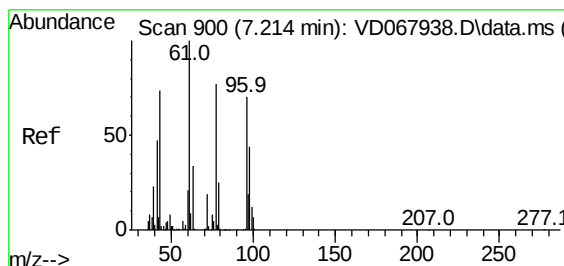
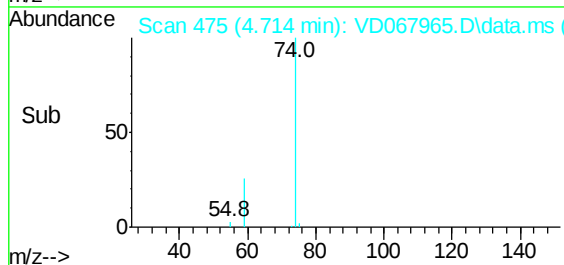
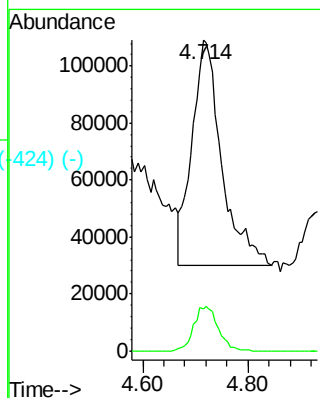
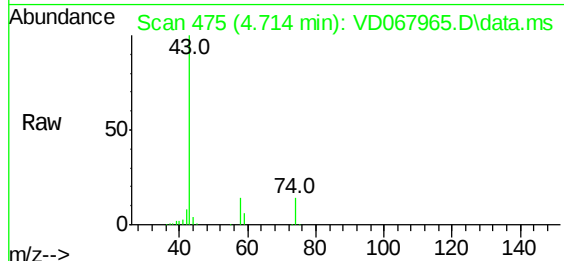
Methyl Acetate
Concen: 189.59 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 43 Resp: 309400
Ion Ratio Lower Upper
43 100
74 16.1 18.2 27.2#

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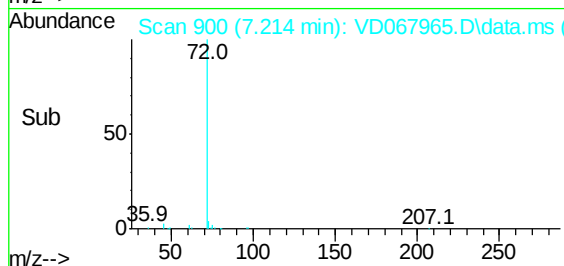
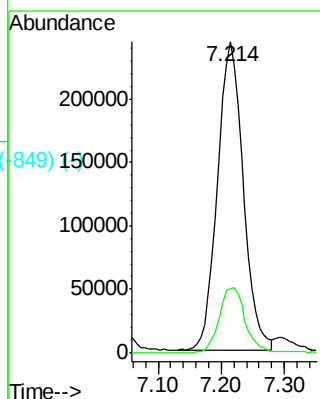
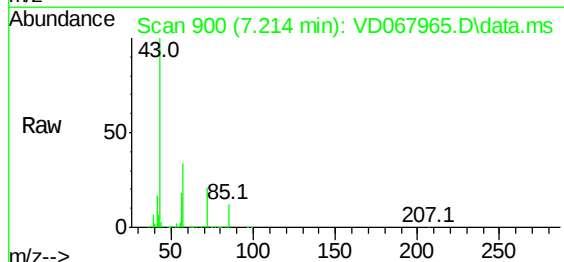
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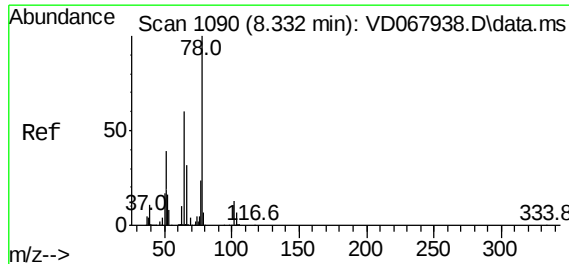
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2-Butanone
Concen: 849.63 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 43 Resp: 691895
Ion Ratio Lower Upper
43 100
72 20.7 20.8 31.2#





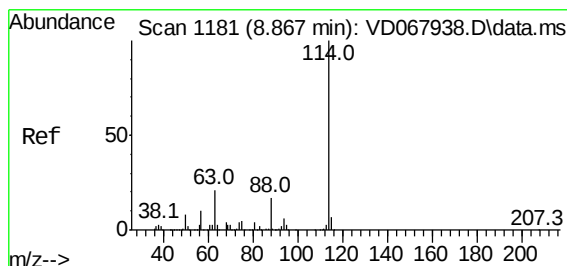
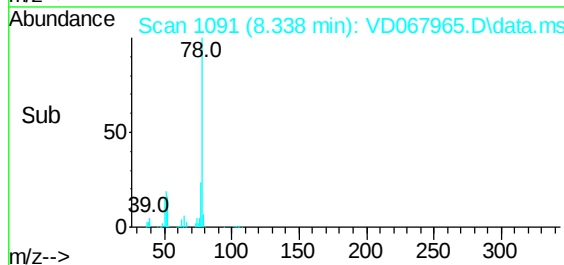
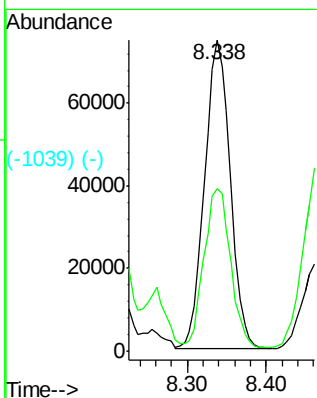
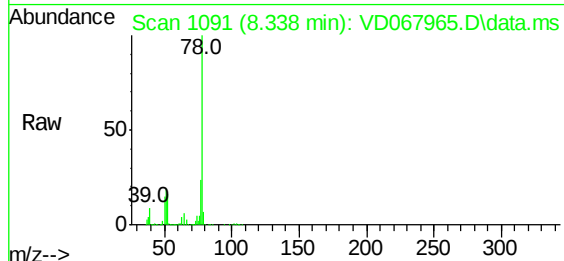
(-1080) (-)
 1,2-Dichloroethane-d4
 Concen: 58.13 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VD067965.D
 Acq: 29 Dec 2020 12:59

Tgt Ion: 65 Resp: 168136
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.0

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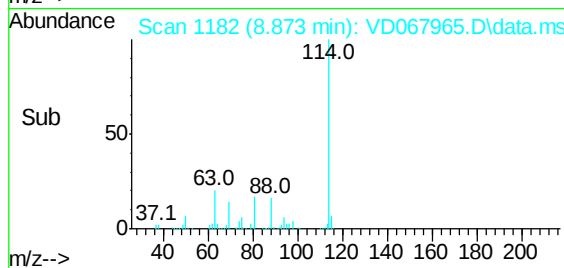
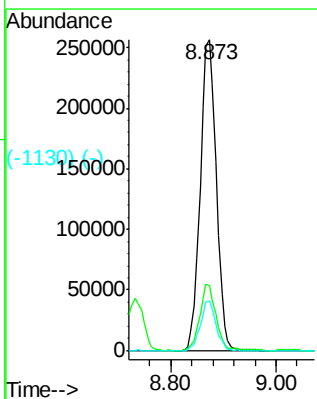
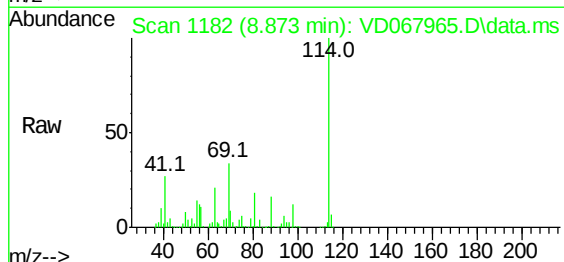
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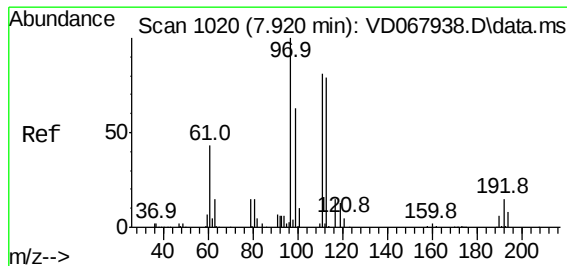
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(-1341) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.873 min Scan# 1182
 Delta R.T. 0.006 min
 Lab File: VD067965.D
 Acq: 29 Dec 2020 12:59

Tgt Ion:114 Resp: 540014
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.9 0.0 33.2



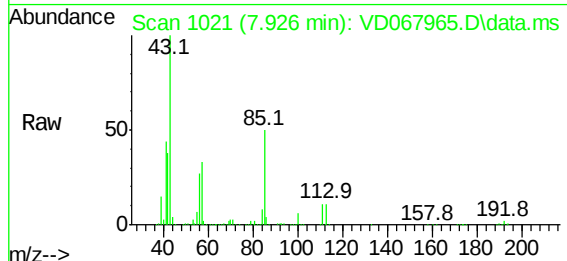


(-969) (-)
 Dibromofluoromethane
 Concen: 51.85 ug/l
 RT: 7.926 min Scan# 1021
 Delta R.T. 0.006 min
 Lab File: VD067965.D
 Acq: 29 Dec 2020 12:59

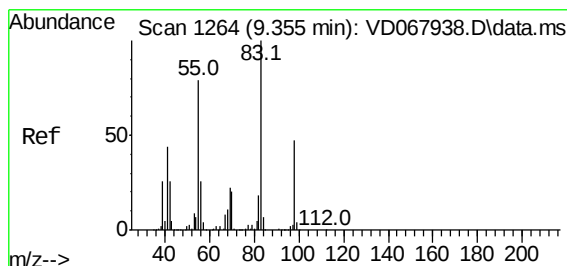
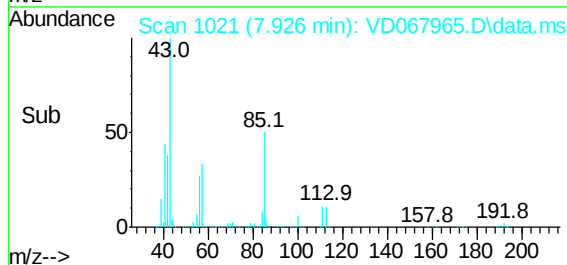
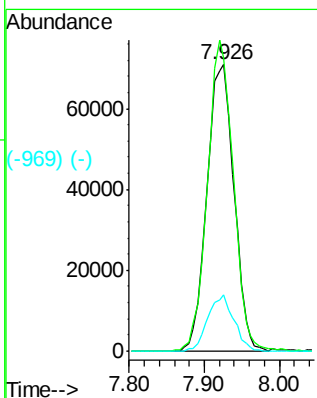
Instrument :
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 ClientSampleId :
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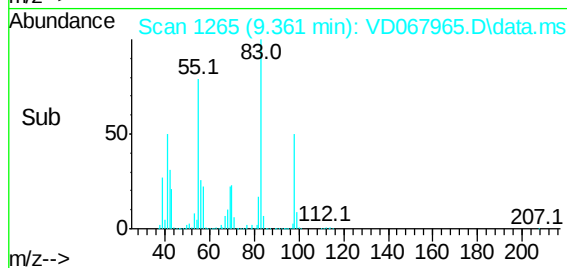
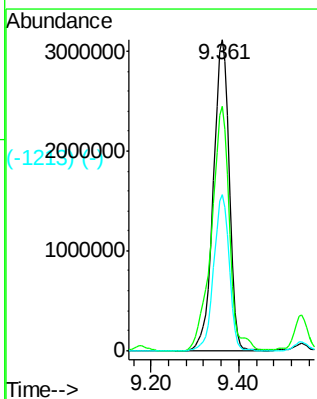
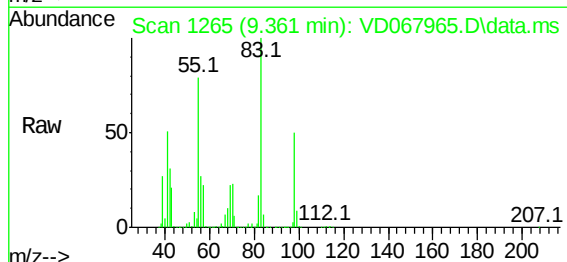


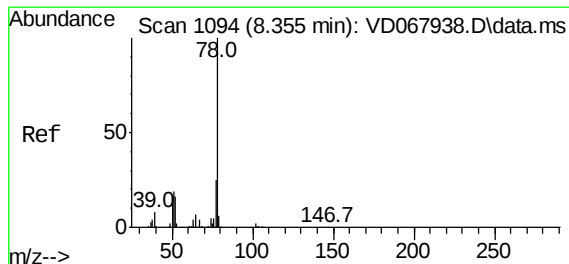
Tgt Ion:113 Resp: 176421
 Ion Ratio Lower Upper
 113 100
 111 103.7 79.3 118.9
 192 18.7 14.5 21.7



(-1265) (-)
 Methylcyclohexane
 Concen: 1137.47 ug/l
 RT: 9.361 min Scan# 1265
 Delta R.T. 0.006 min
 Lab File: VD067965.D
 Acq: 29 Dec 2020 12:59

Tgt Ion: 83 Resp: 7485670
 Ion Ratio Lower Upper
 83 100
 55 78.7 63.5 95.3
 98 50.1 37.3 55.9



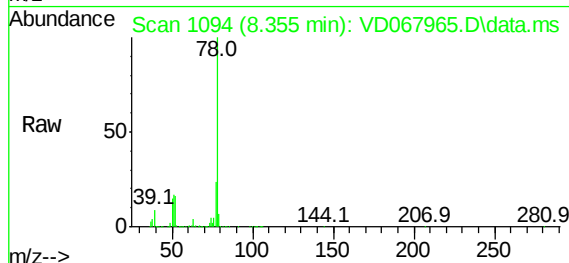


(#402) (-)
Benzene
Concen: 358.82 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

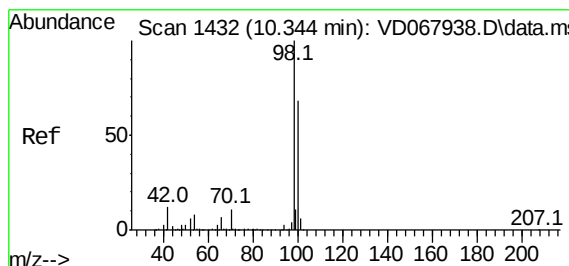
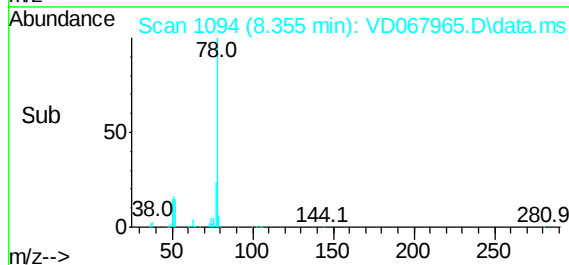
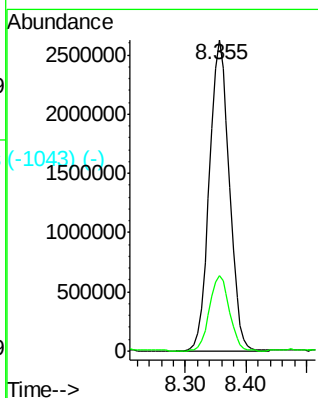
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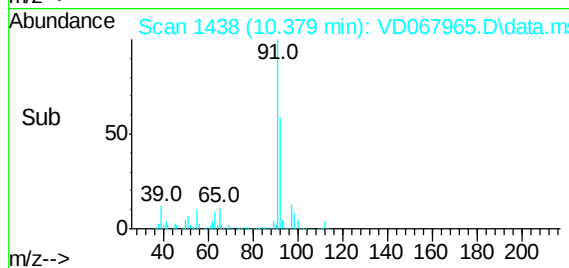
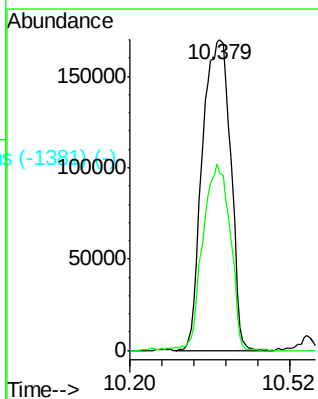
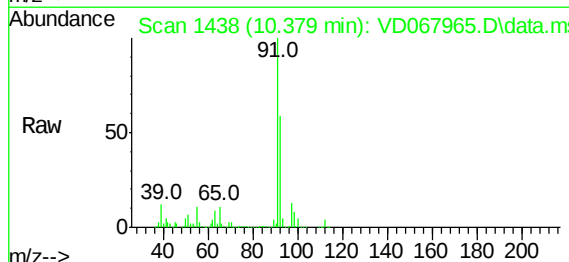


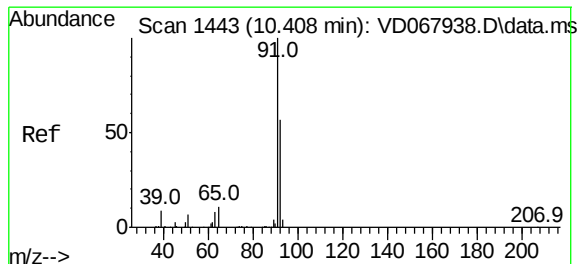
Tgt Ion: 78 Resp: 5974194
Ion Ratio Lower Upper
78 100
77 24.3 20.1 30.1



(#5022) (-)
Toluene-d8
Concen: 52.34 ug/l
RT: 10.379 min Scan# 1438
Delta R.T. 0.035 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 98 Resp: 669456
Ion Ratio Lower Upper
98 100
100 58.0 52.5 78.7



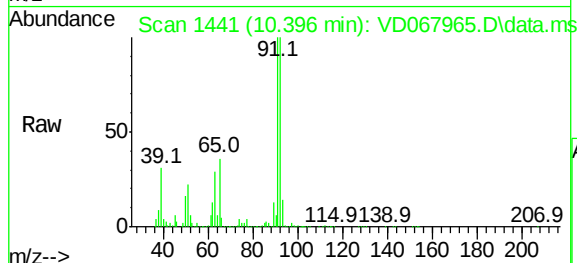


#5233 (-)
Toluene
Concen: 6182.35 ug/l m
RT: 10.396 min Scan# 1441
Delta R.T. -0.012 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

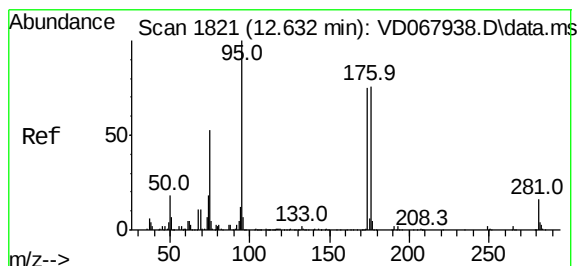
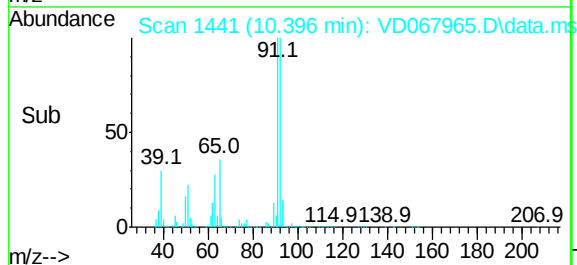
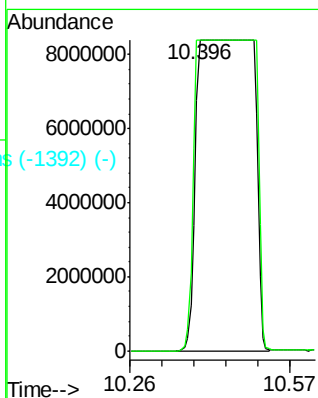
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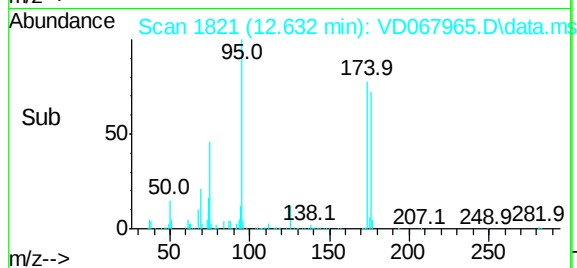
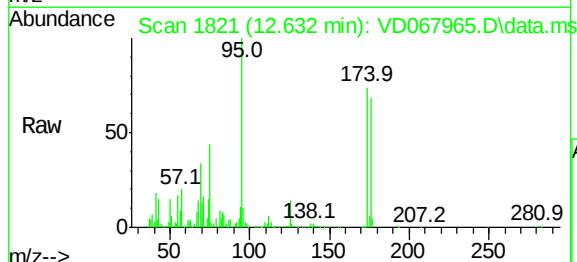
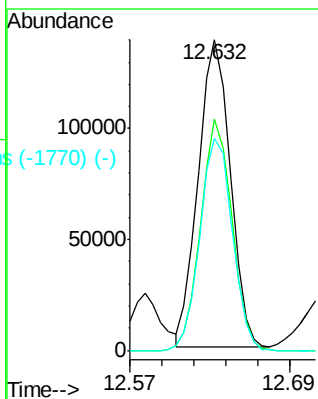


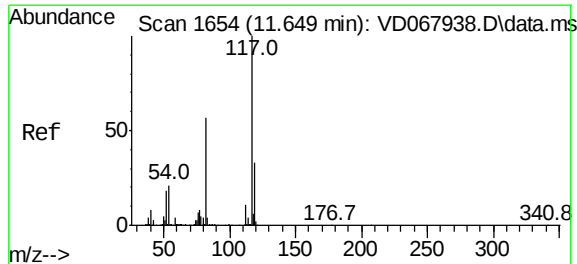
Tgt Ion: 92 Resp: 63543348
Ion Ratio Lower Upper
92 100
91 0.0 138.5 207.7#



#6213 (-)
4-Bromofluorobenzene
Concen: 52.17 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 95 Resp: 228243
Ion Ratio Lower Upper
95 100
174 73.6 0.0 150.6
176 70.0 0.0 151.2





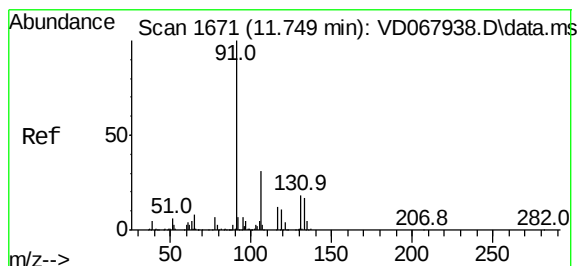
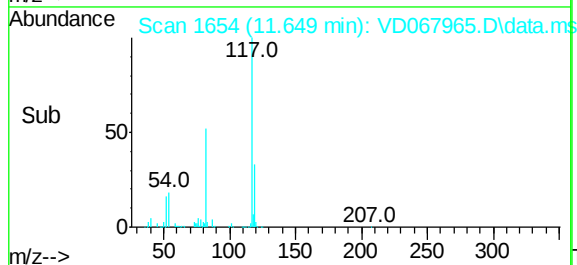
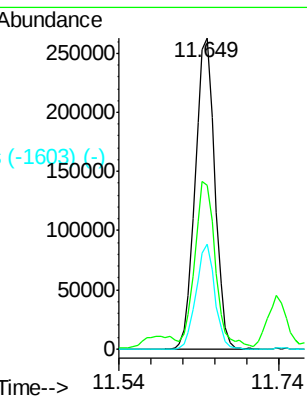
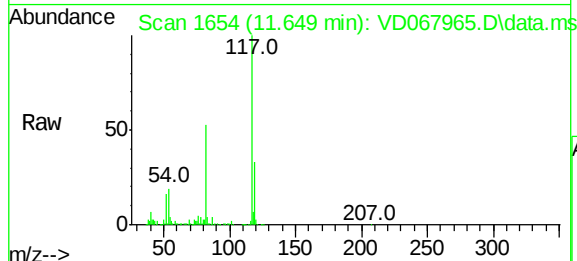
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Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067965.D
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Tgt Ion: 117 Resp: 450021
Ion Ratio Lower Upper
117 100
82 50.4 45.4 68.0
119 33.5 26.7 40.1

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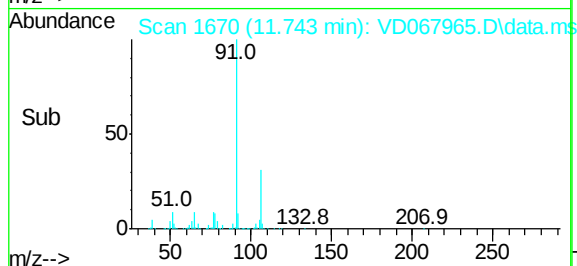
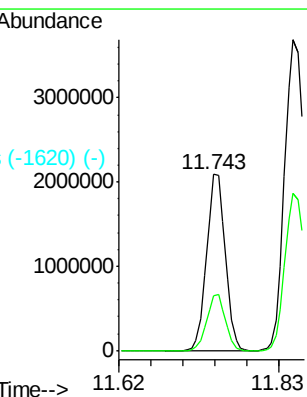
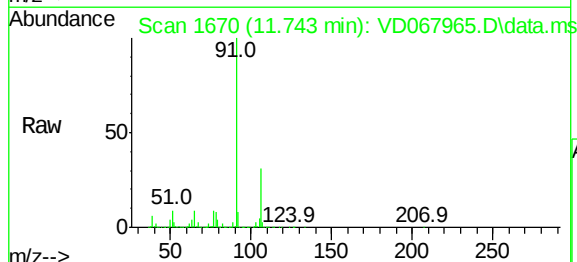
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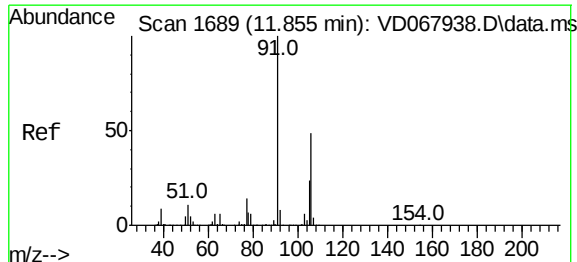
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#1671 (-)
Ethyl Benzene
Concen: 204.33 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 91 Resp: 3537609
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



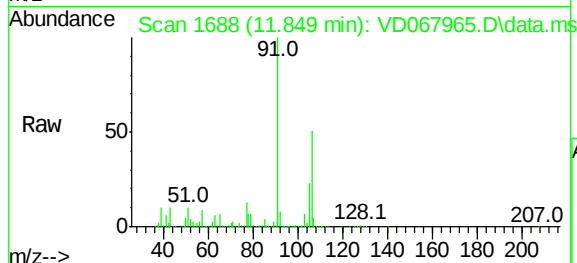


#680 (-)
m/p-Xylenes
Concen: 537.57 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

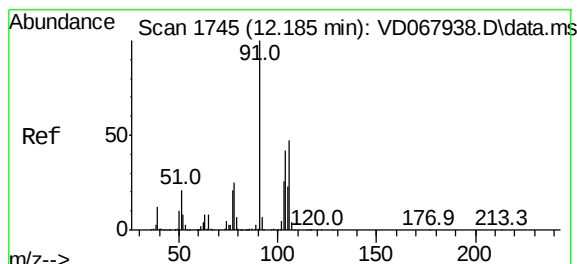
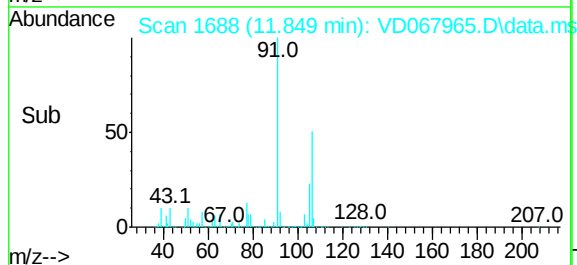
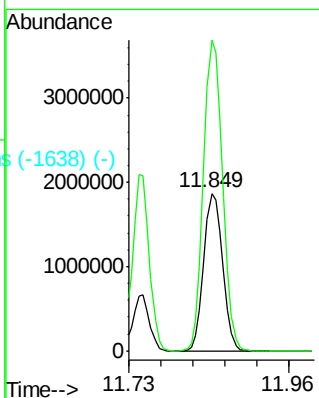
Instrument :
MSVOA_D
ClientSampleId :
31303

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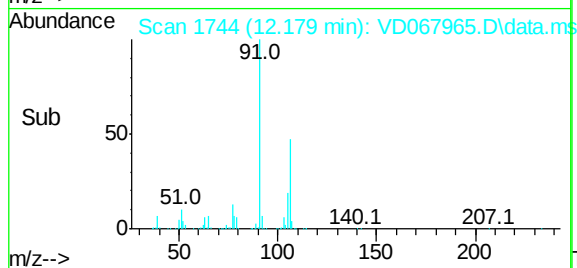
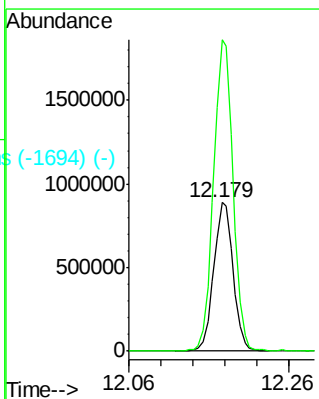
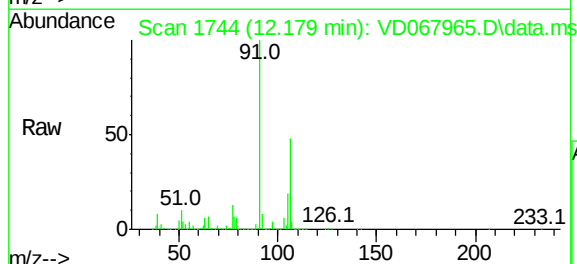


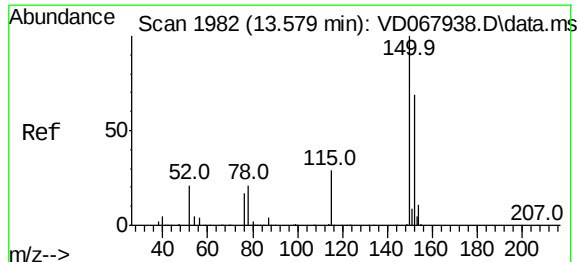
Tgt Ion:106 Resp: 3546870
Ion Ratio Lower Upper
106 100
91 198.9 159.9 239.9



#6937 (-)
o-Xylene
Concen: 252.85 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:106 Resp: 1492804
Ion Ratio Lower Upper
106 100
91 212.5 106.0 317.9



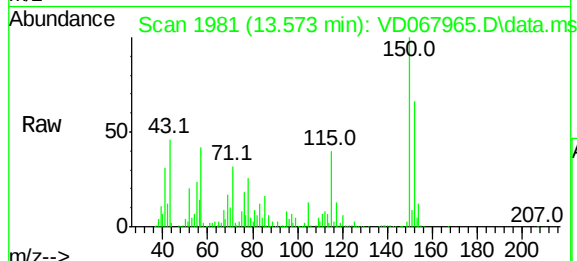


#173 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

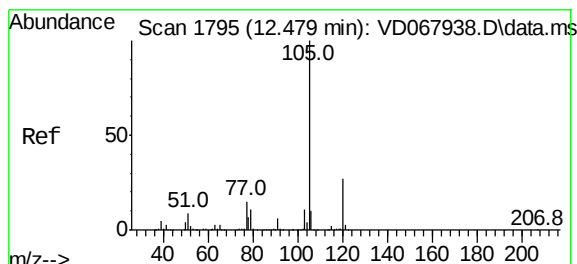
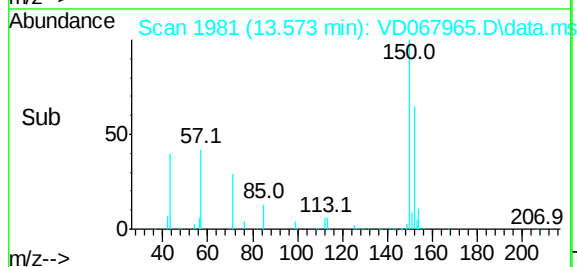
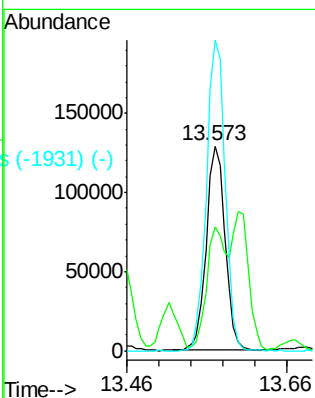
Instrument :
MSVOA_D
ClientSampleId :
31303

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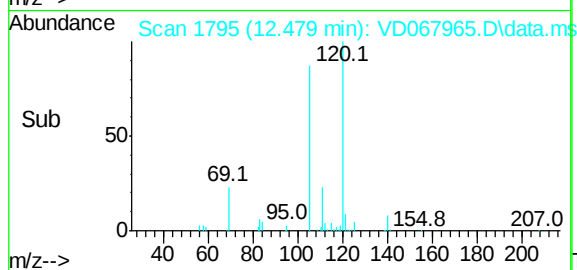
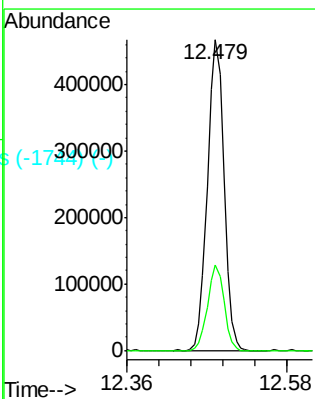
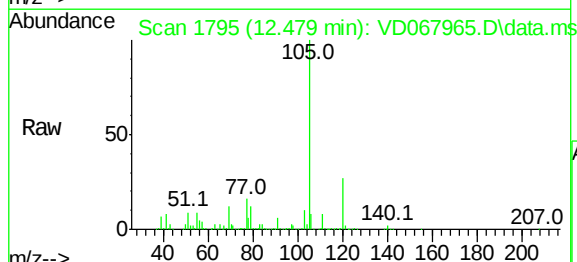


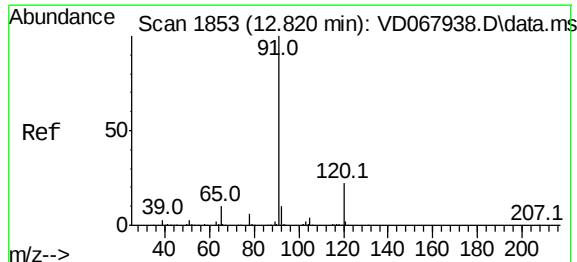
Tgt Ion:152 Resp: 213780
Ion Ratio Lower Upper
152 100
115 63.2 29.3 88.0
150 150.7 0.0 340.0



#176 (-)
Isopropylbenzene
Concen: 47.30 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:105 Resp: 750589
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



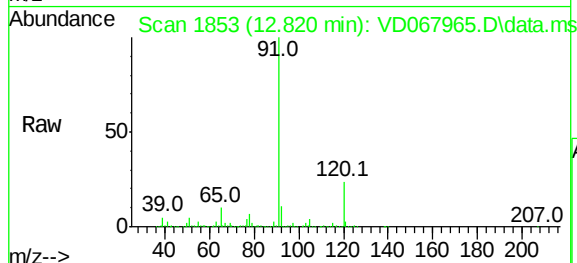


#1847 (-)
n-propylbenzene
Concen: 109.98 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

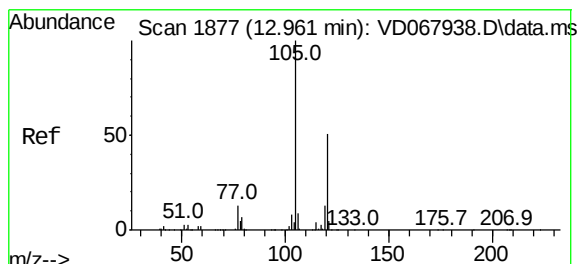
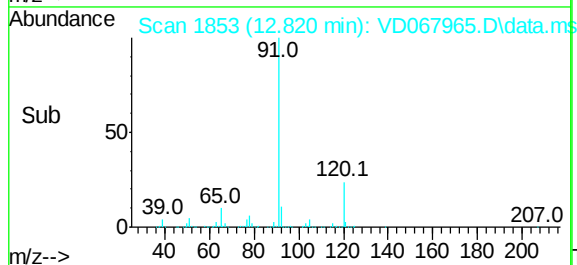
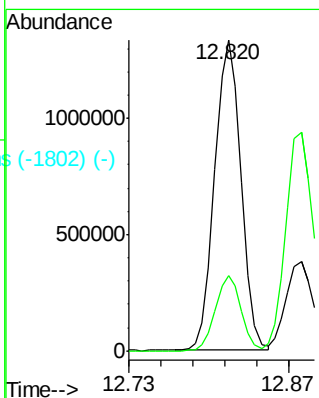
Instrument :
MSVOA_D
ClientSampled :
31303

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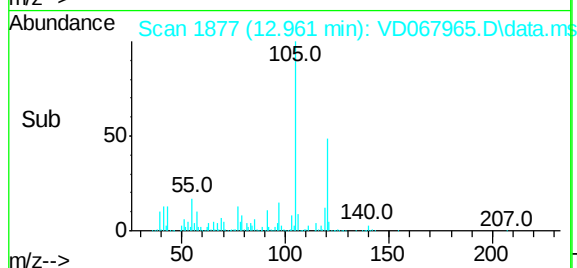
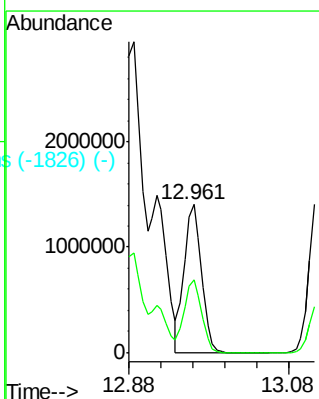
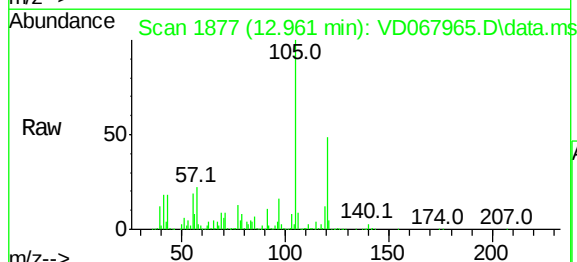


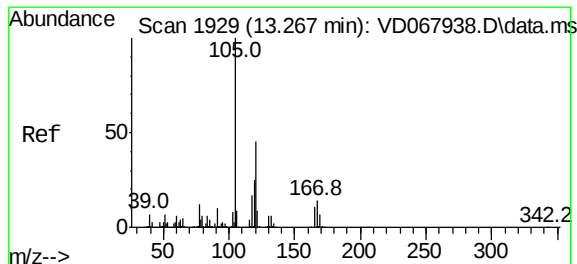
Tgt Ion: 91 Resp: 2169327
Ion Ratio Lower Upper
91 100
120 23.4 11.2 33.5



#1868 (-)
1,3,5-Trimethylbenzene
Concen: 163.56 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:105 Resp: 2155544
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.6





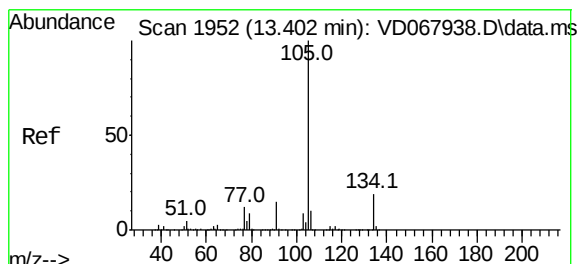
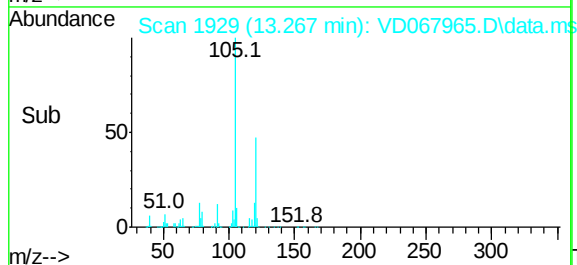
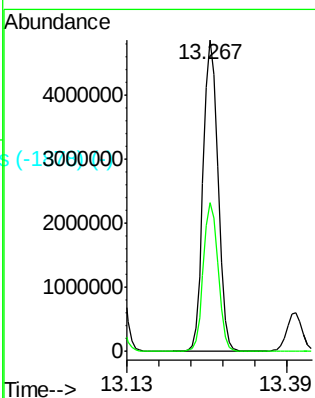
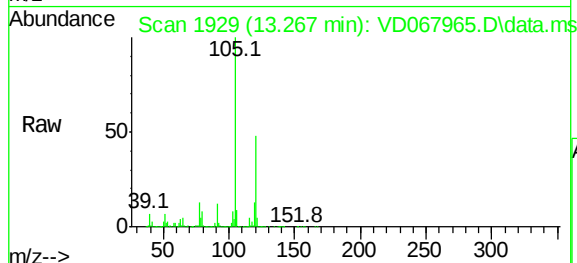
#8416 (-)
1,2,4-Trimethylbenzene
Concen: 598.73 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:105 Resp: 7913420
Ion Ratio Lower Upper
105 100
120 47.2 22.7 68.0

Instrument :
MSVOA_D
ClientSampleId :
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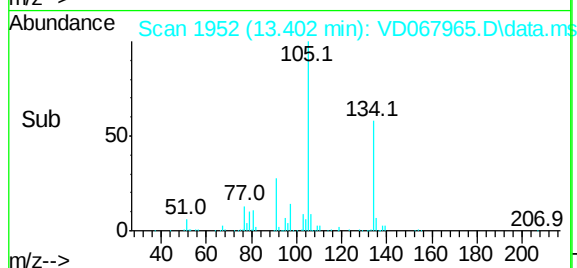
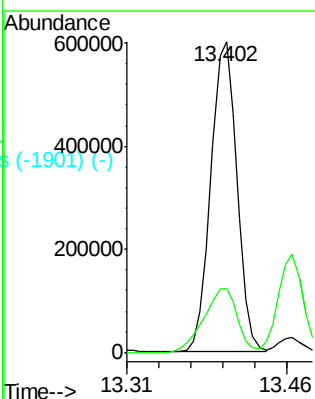
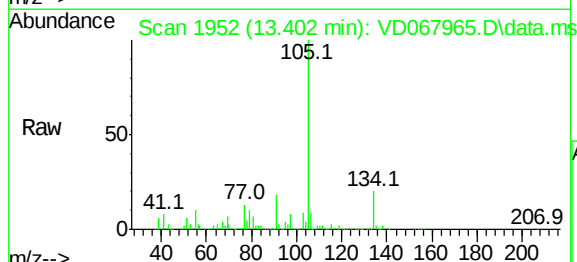
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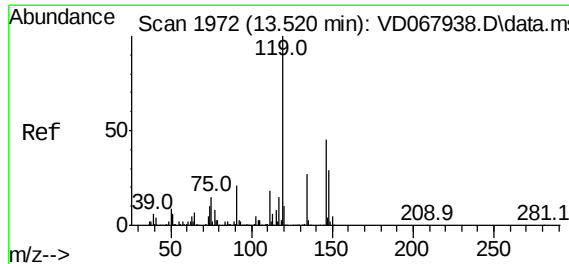
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#8543 (-)
sec-Butylbenzene
Concen: 61.02 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:105 Resp: 967779
Ion Ratio Lower Upper
105 100
134 26.3 9.7 29.1





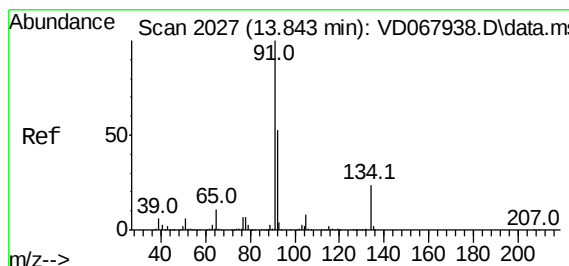
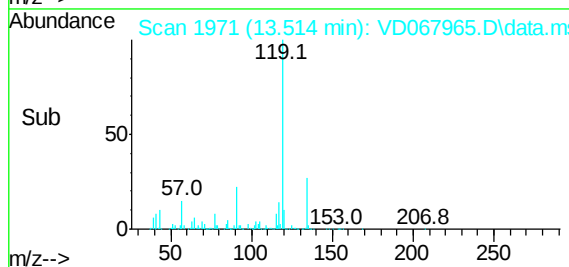
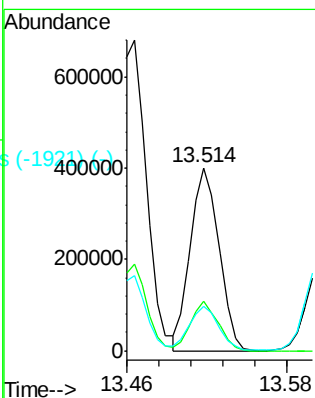
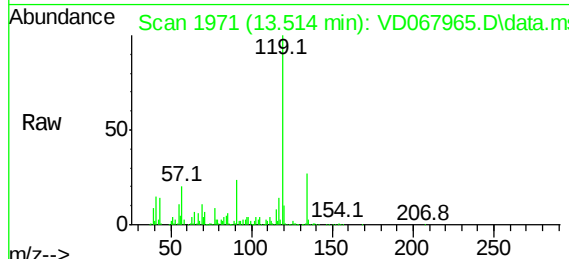
#664 (-)
p-Isopropyltoluene
Concen: 42.75 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:	119	Resp:	596618
Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.3	39.9
91	23.6	11.4	34.2

Instrument :
MSVOA_D
ClientSampleId :
31303

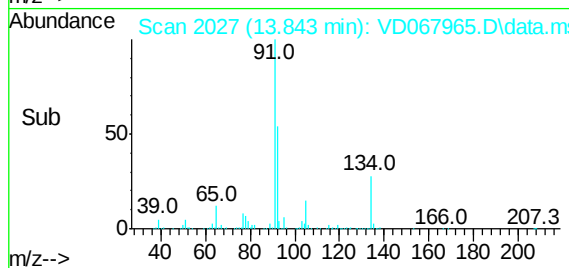
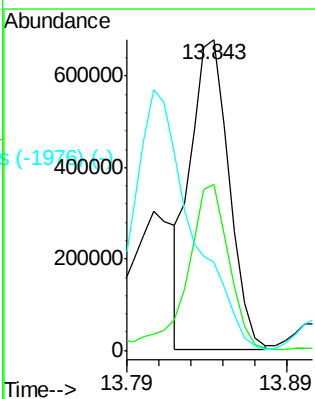
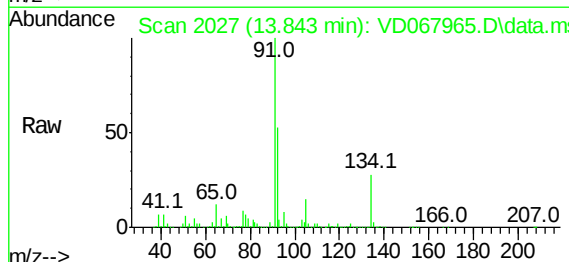
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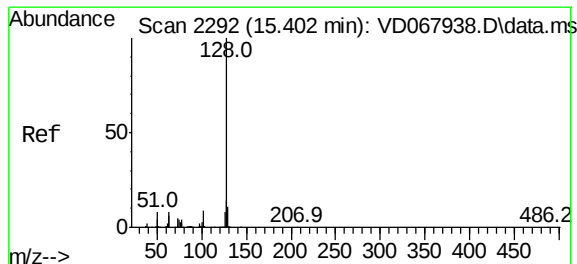
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#2017 (-)
n-Butylbenzene
Concen: 77.21 ug/l m
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

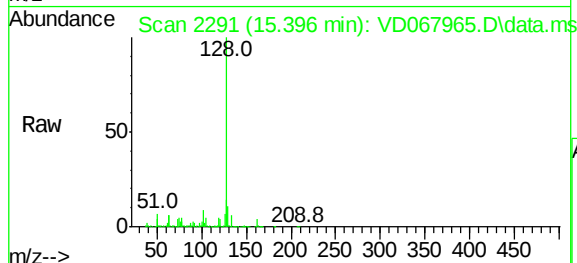
Tgt Ion:	91	Resp:	1068878
Ion	Ratio	Lower	Upper
91	100		
92	56.5	26.8	80.3
134	0.0	12.3	36.9#





#2283 (-)
Naphthalene
Concen: 235.06 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Instrument :
MSVOA_D
ClientSampleId :
31303



Tgt Ion:128 Resp: 1498595
Ion Ratio Lower Upper
128 100
127 13.4 11.2 16.8
129 11.3 8.6 12.8

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