

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068013.D
 Acq On : 06 Jan 2021 15:01
 Operator : VA/SY
 Sample : M1022-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40967

Manual Integrations
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Quant Time: Jan 07 00:10:05 2021
 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	234389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	413019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	318180	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	93380	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119668	47.28	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.56%		
35) Dibromofluoromethane	7.914	113	134995	51.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.74%		
50) Toluene-d8	10.344	98	655658	67.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	134.06%		
62) 4-Bromofluorobenzene	12.632	95	190344	56.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	113.78%		
Target Compounds					Qvalue	
16) Acetone	4.132	43	35664185m	73802.71	ug/l	
17) Carbon Disulfide	4.414	76	53323	5.97	ug/l #	94
18) Methyl Acetate	4.726	43	59267	41.50	ug/l	96
22) Diisopropyl ether	6.361	45	14681	1.60	ug/l	98
25) 2-Butanone	7.208	43	64624	90.68	ug/l #	75
31) Cyclohexane	7.961	56	1617295	312.58	ug/l #	55
39) Methylcyclohexane	9.355	83	2673844	531.23	ug/l	96
40) Benzene	8.350	78	351330	27.59	ug/l	100
52) Toluene	10.396	92	31061832m	3951.35	ug/l	
67) Ethyl Benzene	11.749	91	15159584	1238.41	ug/l #	87
68) m/p-Xylenes	11.855	106	18936684	4059.33	ug/l #	1
69) o-Xylene	12.185	106	7418315	1777.16	ug/l	91
73) Isopropylbenzene	12.479	105	1091659	157.49	ug/l	100
78) n-propylbenzene	12.820	91	2582796	299.76	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	1958850	340.29	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	6622915	1147.17	ug/l	99
85) sec-Butylbenzene	13.402	105	632970	91.37	ug/l	85
86) p-Isopropyltoluene	13.514	119	282971	46.42	ug/l	99
89) n-Butylbenzene	13.843	91	787030	130.15	ug/l #	73
95) Naphthalene	15.402	128	545720	195.97	ug/l	98

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

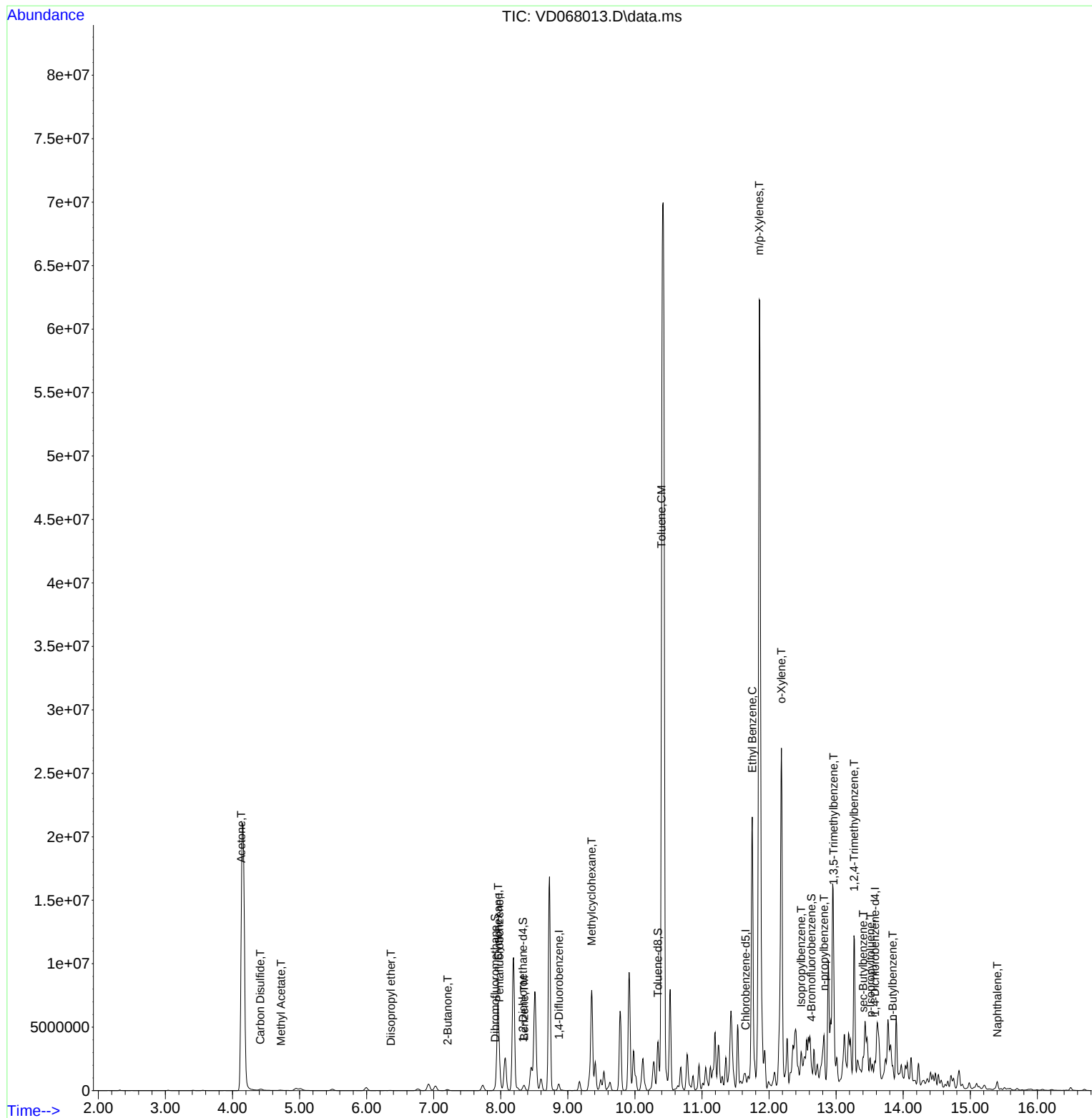
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
Data File : VD068013.D
Acq On : 06 Jan 2021 15:01
Operator : VA/SY
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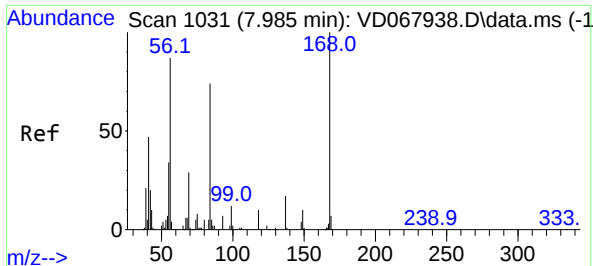
Instrument :
MSVOA_D
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Quant Time: Jan 07 00:10:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration





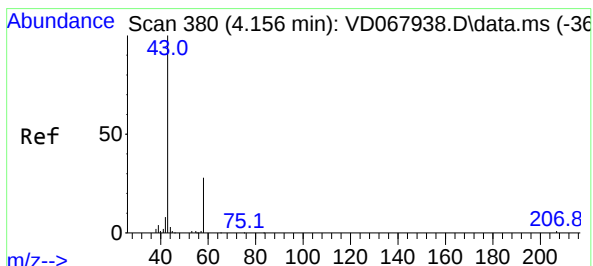
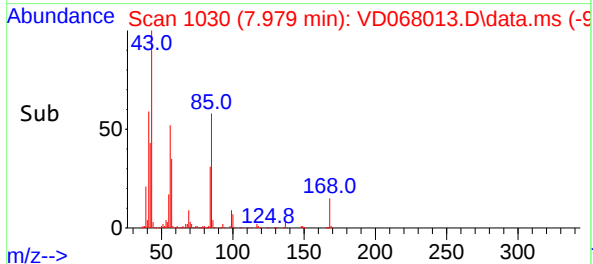
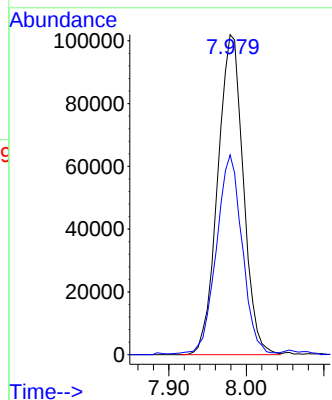
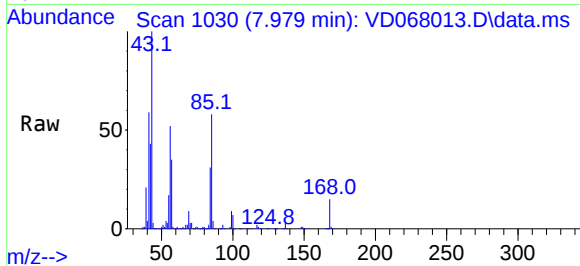
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion:168 Resp: 234389
Ion Ratio Lower Upper
168 100
99 61.9 48.0 72.0

Instrument :
MSVOA_D
ClientSampled :
40967

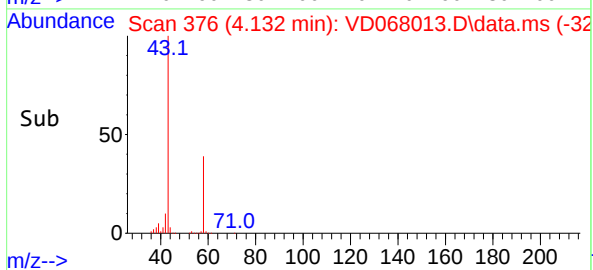
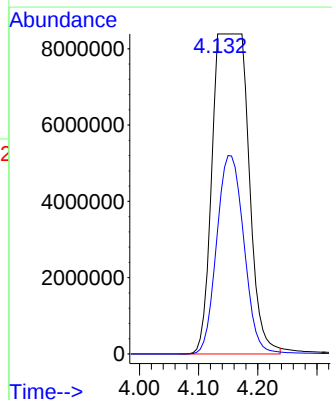
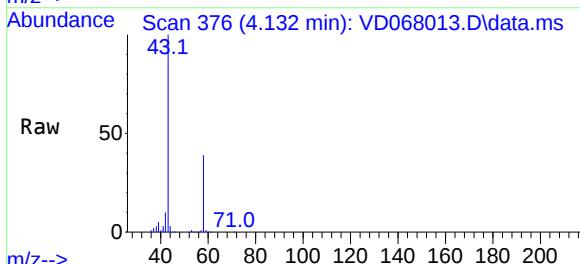
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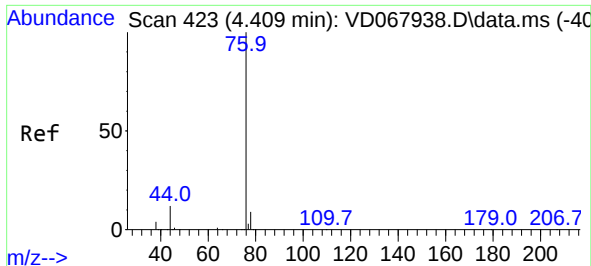
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#16
Acetone
Concen: 73802.71 ug/l m
RT: 4.132 min Scan# 376
Delta R.T. -0.024 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

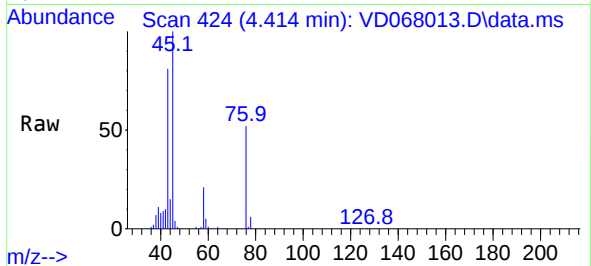
Tgt Ion: 43 Resp:35664185
Ion Ratio Lower Upper
43 100
58 38.9 22.3 33.5#





#17
Carbon Disulfide
Concen: 5.97 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

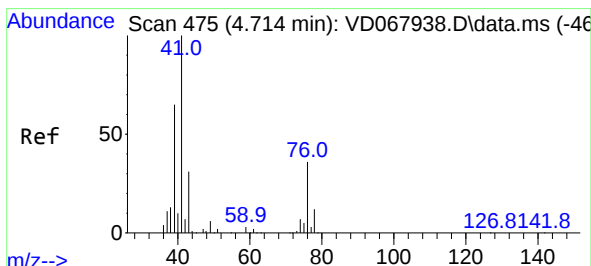
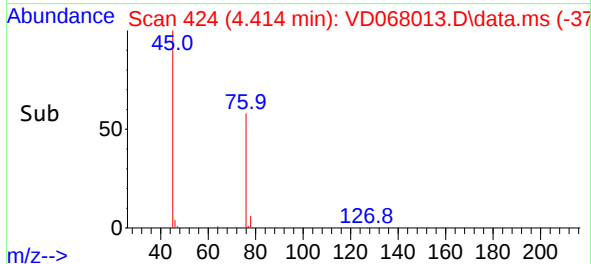
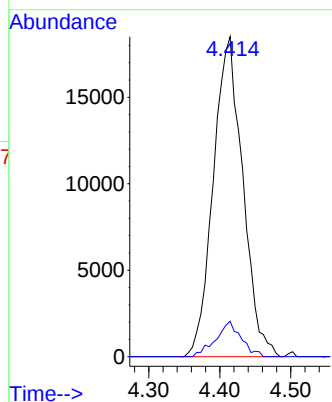
Instrument :
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ClientSampleId :
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Tgt Ion: 76 Resp: 53323
Ion Ratio Lower Upper
76 100
78 11.1 7.1 10.7#

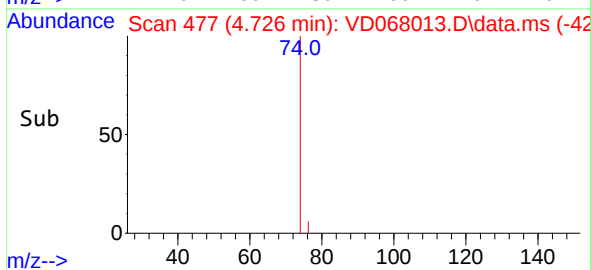
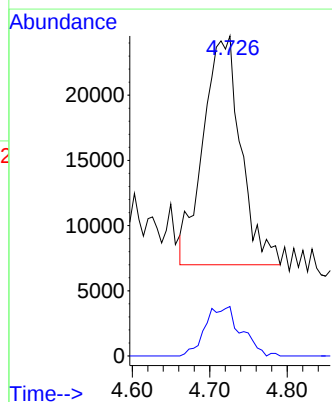
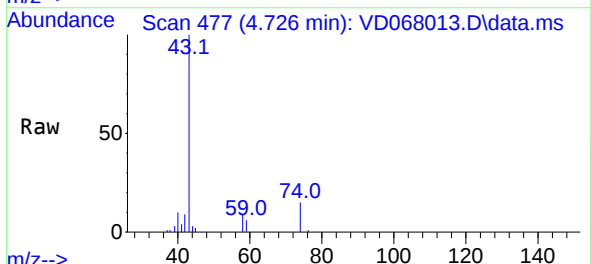
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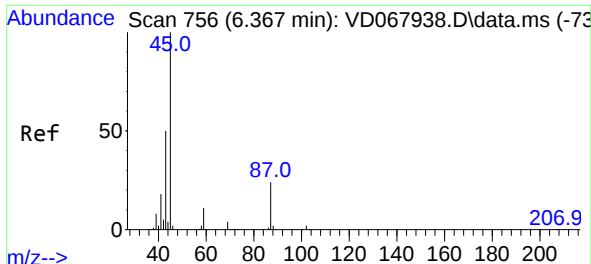
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#18
Methyl Acetate
Concen: 41.50 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

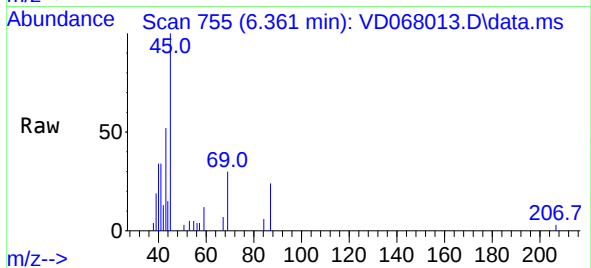
Tgt Ion: 43 Resp: 59267
Ion Ratio Lower Upper
43 100
74 20.5 18.2 27.2





#22
Diisopropyl ether
Concen: 1.60 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

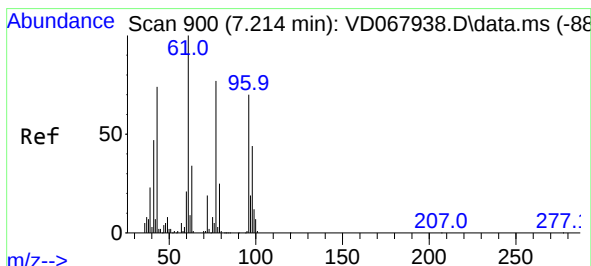
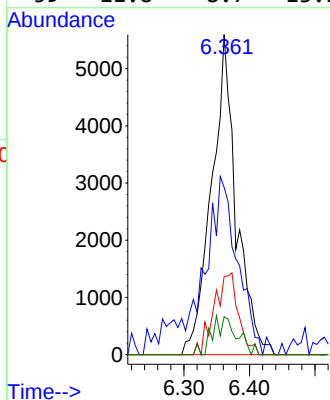
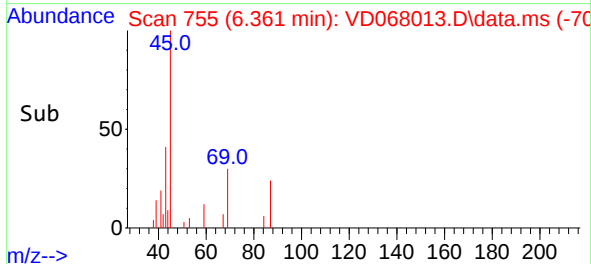
Instrument :
MSVOA_D
ClientSampleId :
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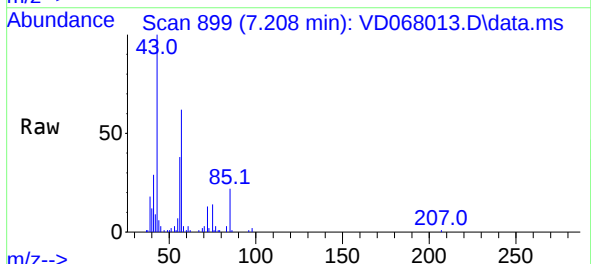
Tgt Ion: 45 Resp: 14681
Ion Ratio Lower Upper
45 100
43 52.3 40.2 60.4
87 24.4 19.2 28.8
59 11.8 8.7 13.1

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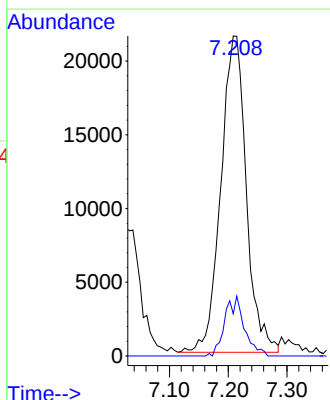
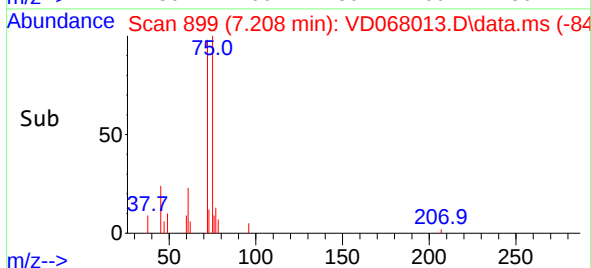
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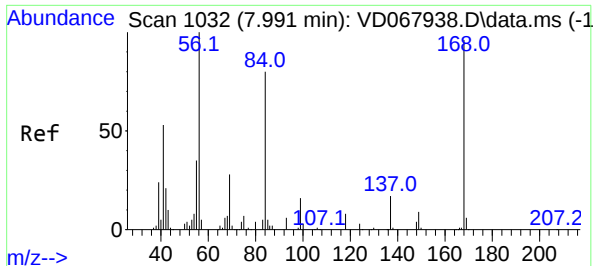


#25
2-Butanone
Concen: 90.68 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01



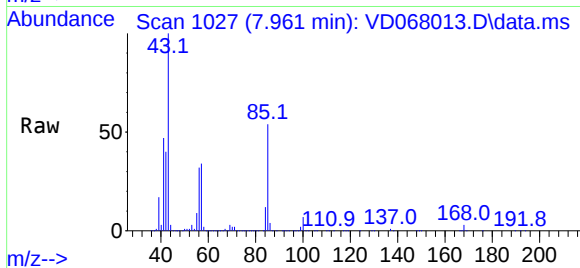
Tgt Ion: 43 Resp: 64624
Ion Ratio Lower Upper
43 100
72 13.4 20.8 31.2#





#31
Cyclohexane
Concen: 312.58 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.029 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

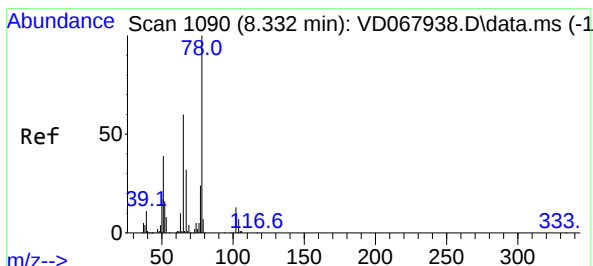
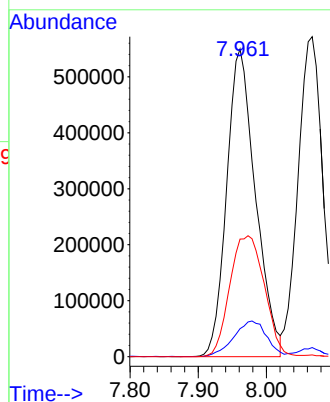
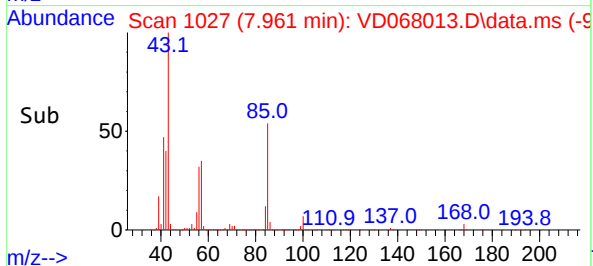
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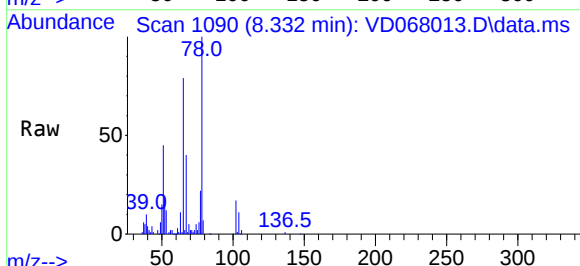
Tgt Ion: 56 Resp: 1617295
Ion Ratio Lower Upper
56 100
69 9.0 22.7 34.1#
84 38.2 64.2 96.4#

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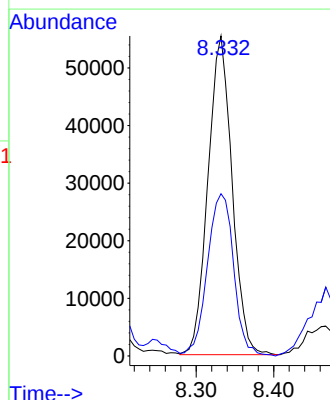
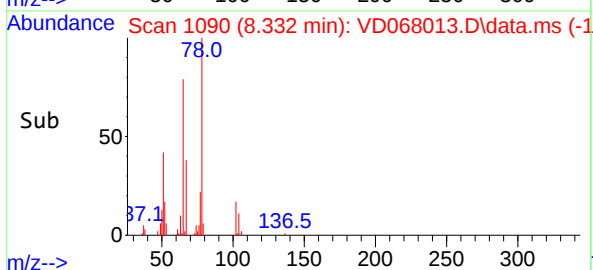
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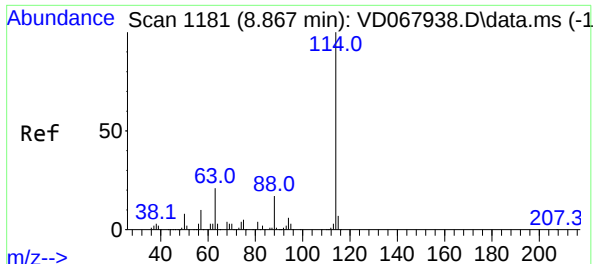


#33
1,2-Dichloroethane-d4
Concen: 47.28 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01



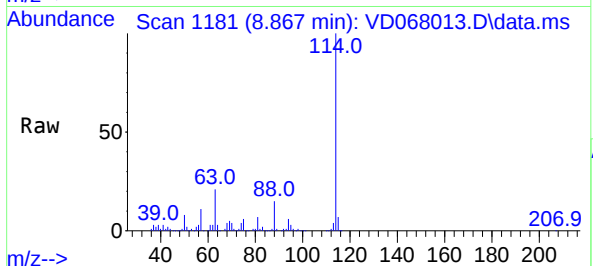
Tgt Ion: 65 Resp: 119668
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

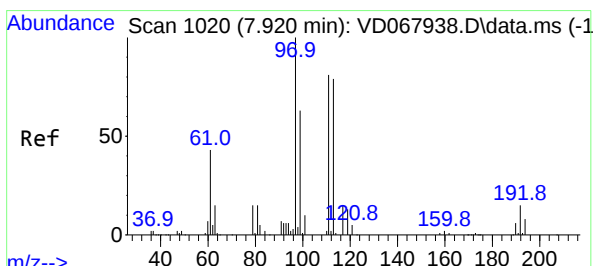
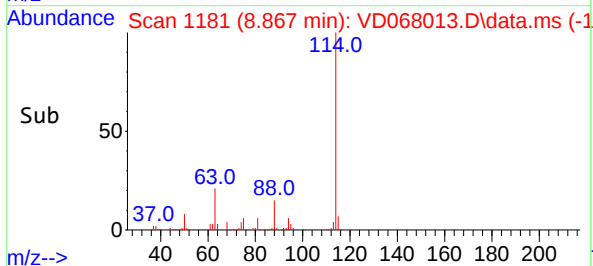
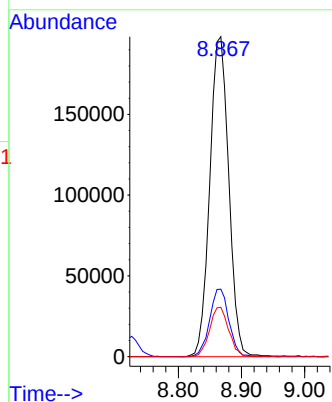
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Tgt Ion:114 Resp: 413019
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.4
88 15.5 0.0 33.2

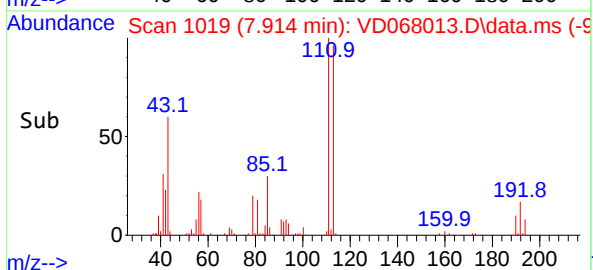
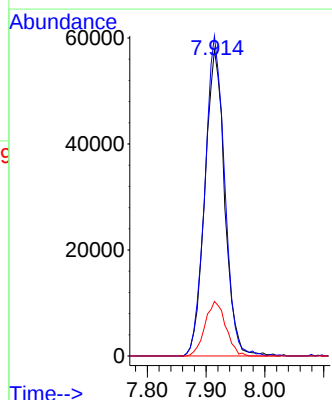
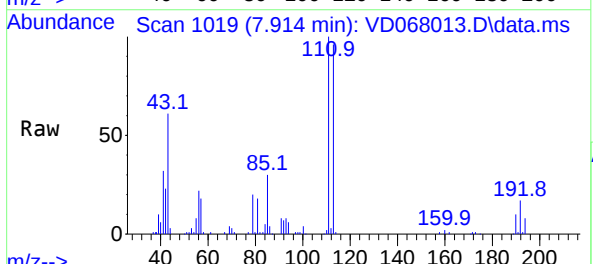
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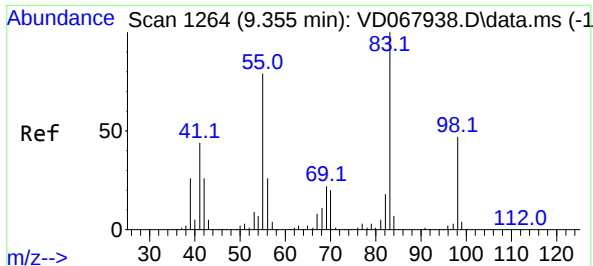
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#35
Dibromofluoromethane
Concen: 51.87 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion:113 Resp: 134995
Ion Ratio Lower Upper
113 100
111 104.1 79.3 118.9
192 18.7 14.5 21.7





#39
Methylcyclohexane
Concen: 531.23 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

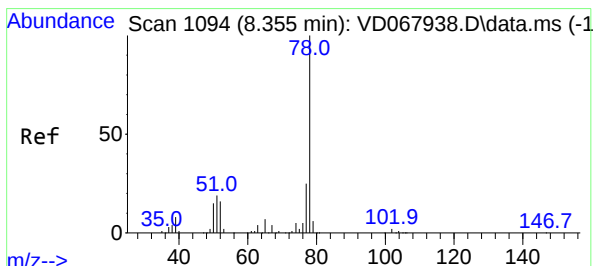
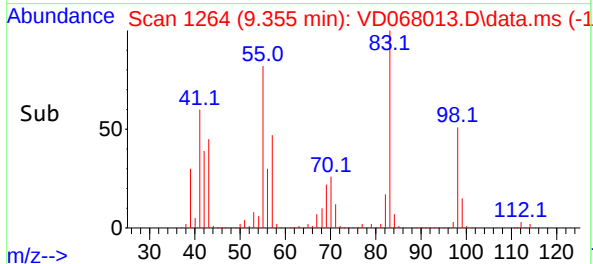
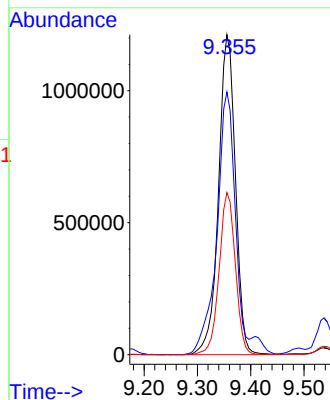
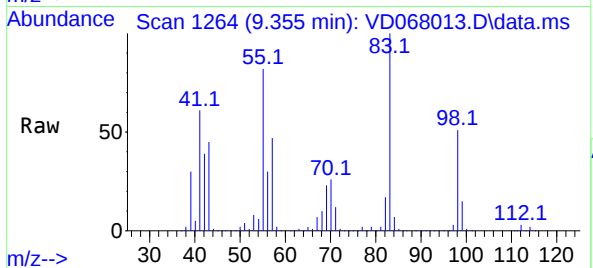
Tgt Ion: 83 Resp: 2673844

Ion	Ratio	Lower	Upper
83	100		
55	82.0	63.5	95.3
98	50.6	37.3	55.9

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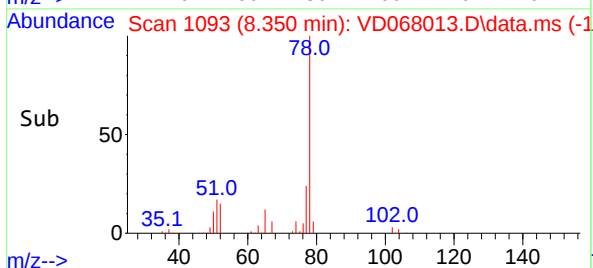
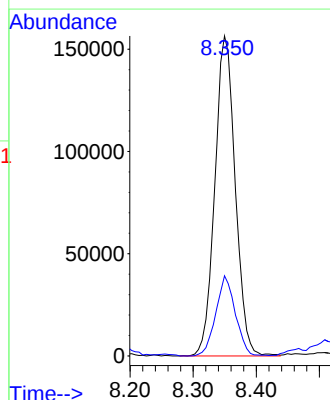
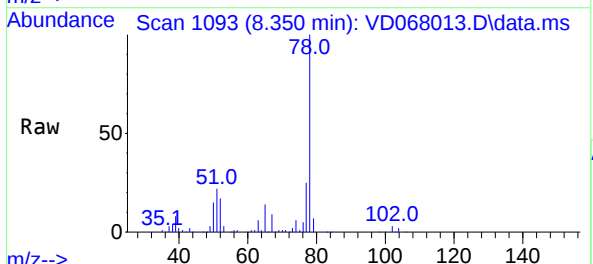
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1/7/2021 1:54:19 PM

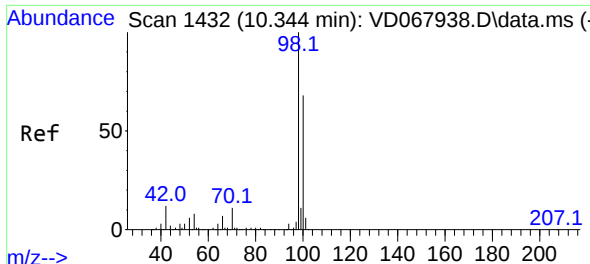


#40
Benzene
Concen: 27.59 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 78 Resp: 351330

Ion	Ratio	Lower	Upper
78	100		
77	25.0	20.1	30.1





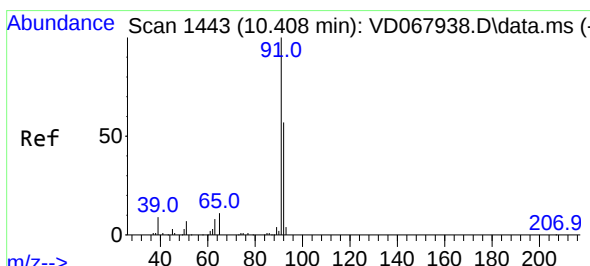
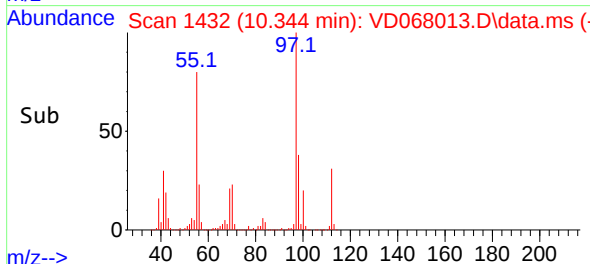
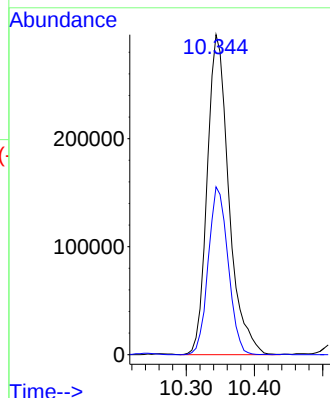
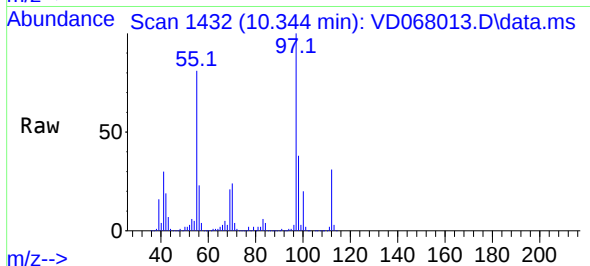
#50
Toluene-d8
Concen: 67.03 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 98 Resp: 655658
Ion Ratio Lower Upper
98 100
100 48.0 52.5 78.7#

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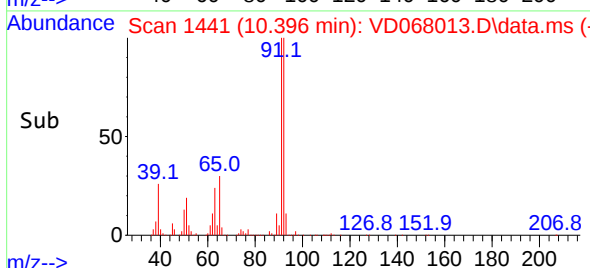
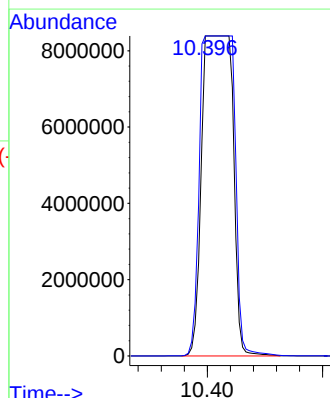
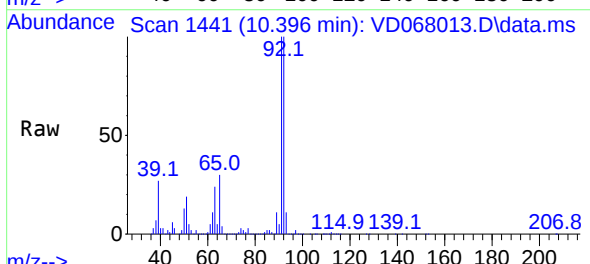
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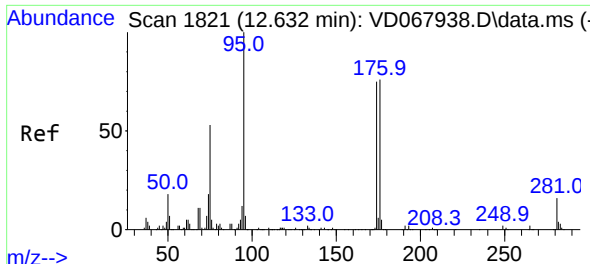
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#52
Toluene
Concen: 3951.35 ug/l m
RT: 10.396 min Scan# 1441
Delta R.T. -0.012 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

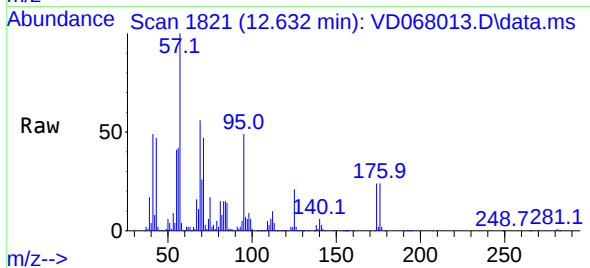
Tgt Ion: 92 Resp: 31061832
Ion Ratio Lower Upper
92 100
91 0.0 138.5 207.7#





#62
4-Bromofluorobenzene
Concen: 56.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

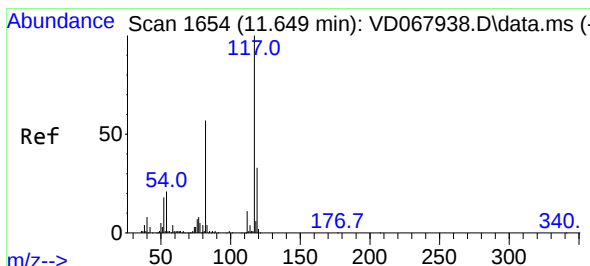
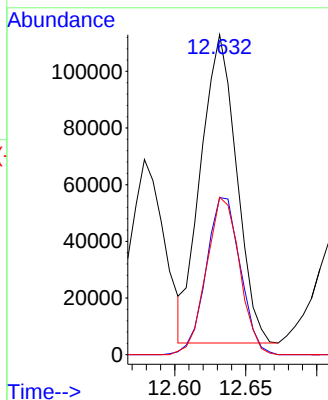
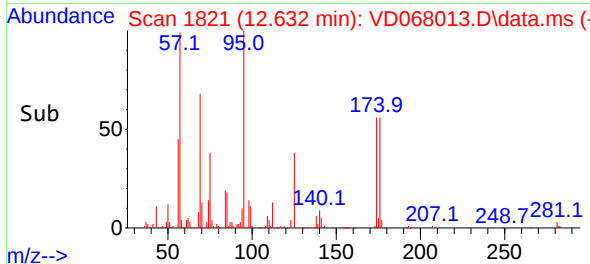
Instrument :
MSVOA_D
ClientSampled :
40967



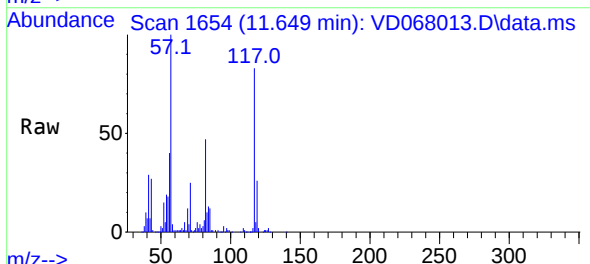
Tgt Ion: 95 Resp: 190344
Ion Ratio Lower Upper
95 100
174 49.0 0.0 150.6
176 47.4 0.0 151.2

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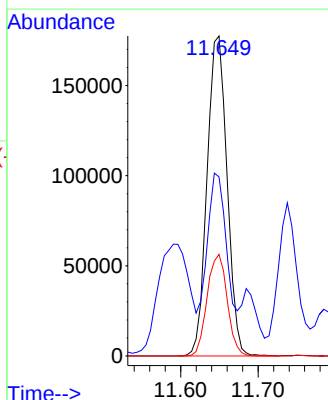
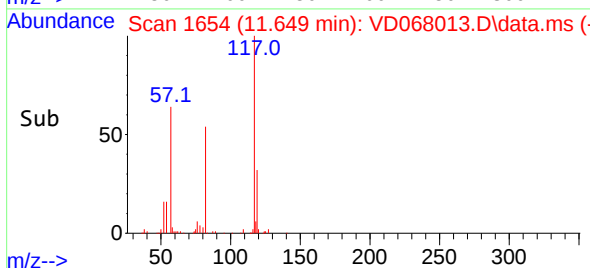
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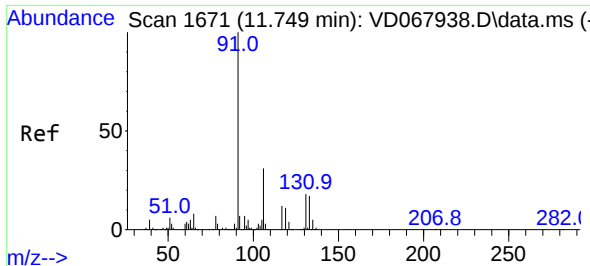


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01



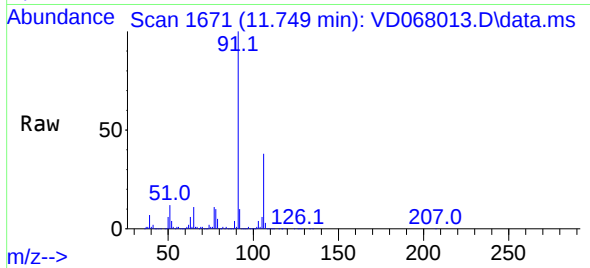
Tgt Ion: 117 Resp: 318180
Ion Ratio Lower Upper
117 100
82 29.1 45.4 68.0#
119 31.7 26.7 40.1





#67
Ethyl Benzene
Concen: 1238.41 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

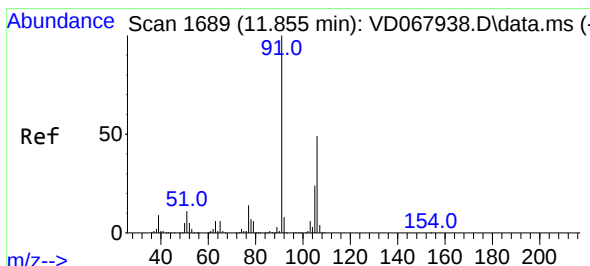
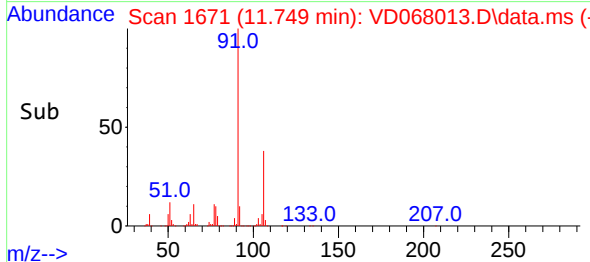
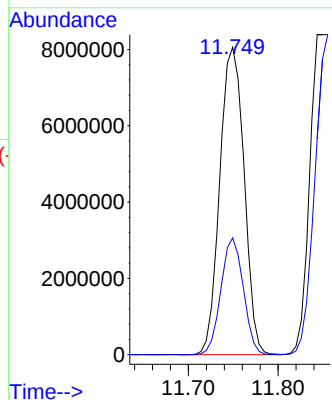
Instrument :
MSVOA_D
ClientSampled :
40967



Tgt Ion: 91 Resp:15159584
Ion Ratio Lower Upper
91 100
106 38.0 24.6 37.0#

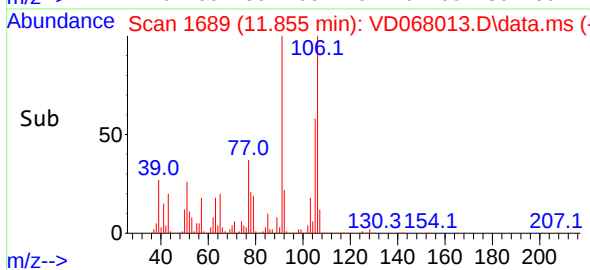
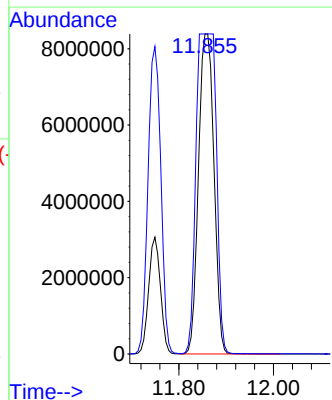
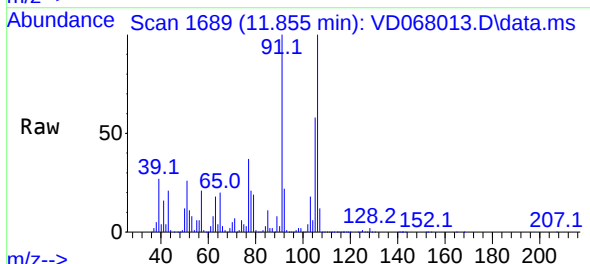
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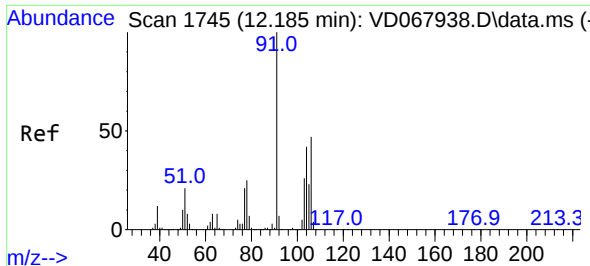
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#68
m/p-Xylenes
Concen: 4059.33 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

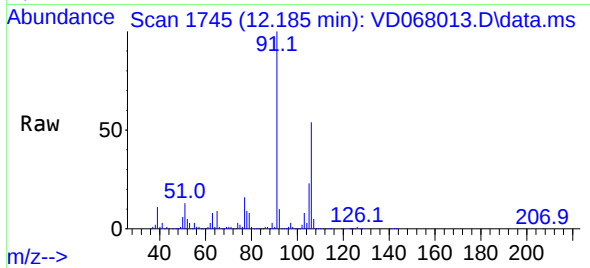
Tgt Ion:106 Resp:18936684
Ion Ratio Lower Upper
106 100
91 0.0 159.9 239.9#





#69
o-Xylene
Concen: 1777.16 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

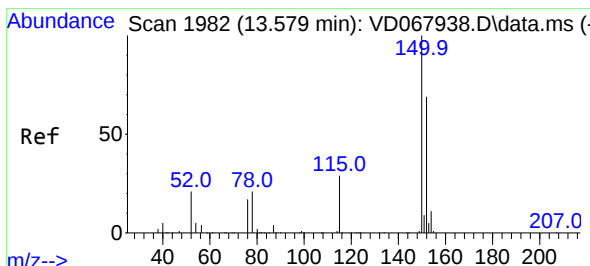
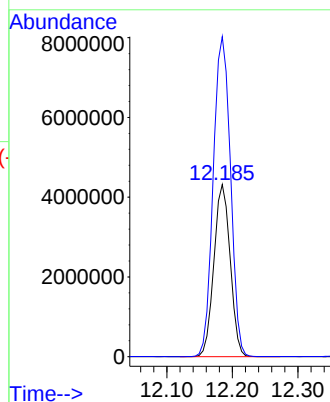
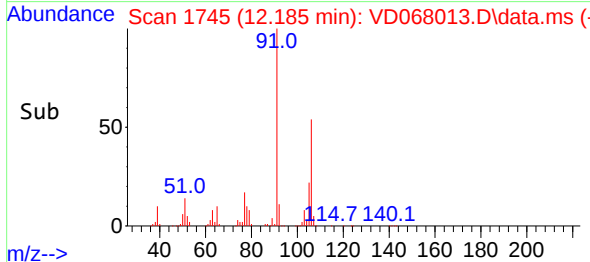
Instrument :
MSVOA_D
ClientSampled :
40967



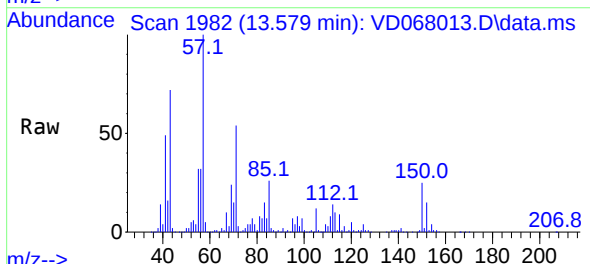
Tgt Ion:106 Resp: 7418315
Ion Ratio Lower Upper
106 100
91 197.1 106.0 317.9

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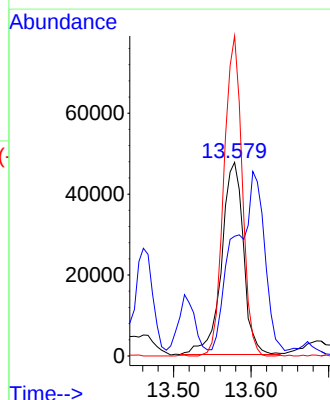
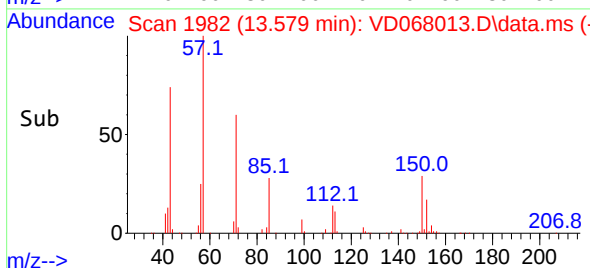
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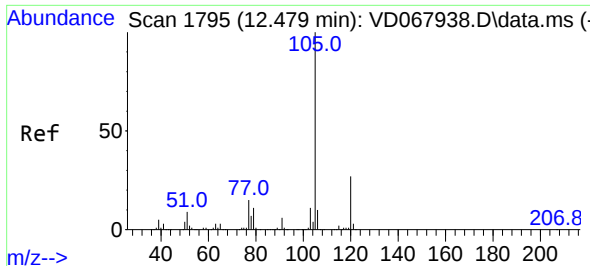


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01



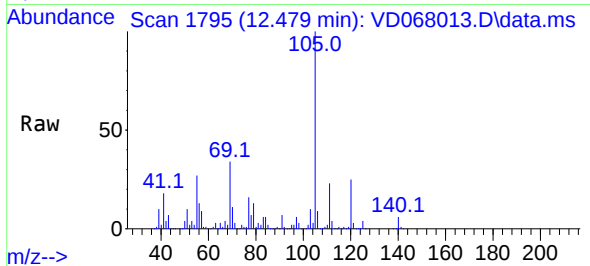
Tgt Ion:152 Resp: 93380
Ion Ratio Lower Upper
152 100
115 0.0 29.3 88.0#
150 138.8 0.0 340.0





#73
Isopropylbenzene
Concen: 157.49 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

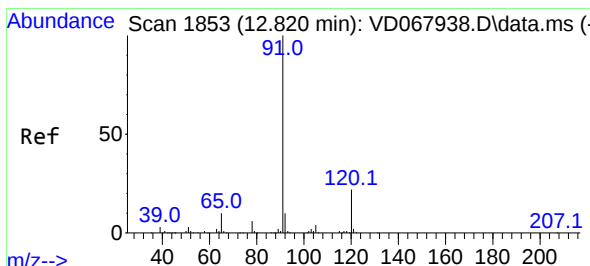
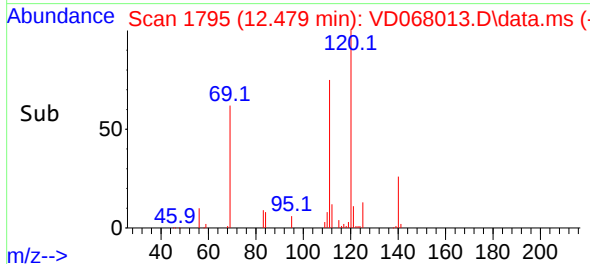
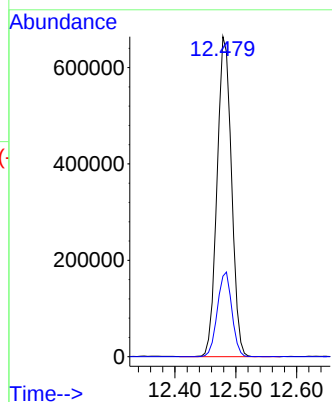
Instrument :
MSVOA_D
ClientSampleId :
40967



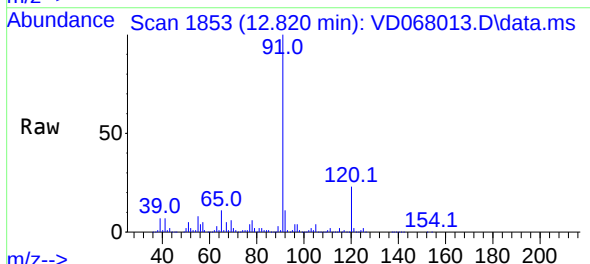
Tgt Ion:105 Resp: 1091659
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

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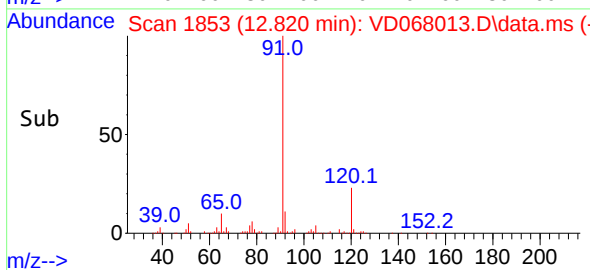
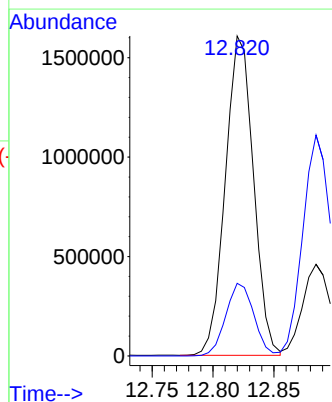
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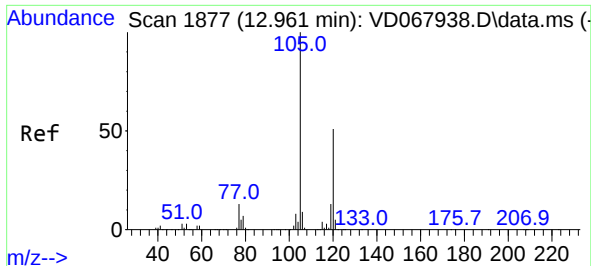


#78
n-propylbenzene
Concen: 299.76 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01



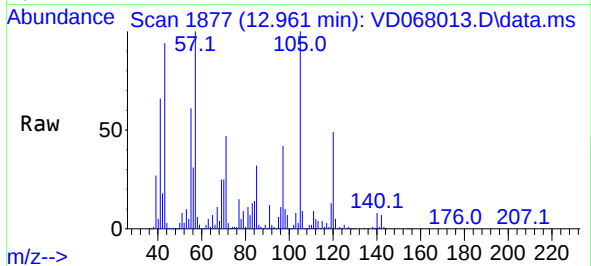
Tgt Ion: 91 Resp: 2582796
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5





#80
1,3,5-Trimethylbenzene
Concen: 340.29 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

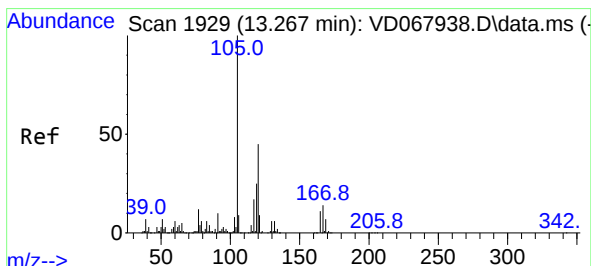
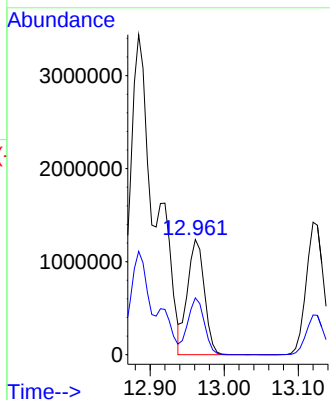
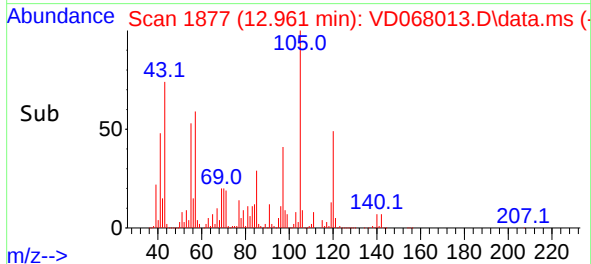
Instrument :
MSVOA_D
ClientSampled :
40967



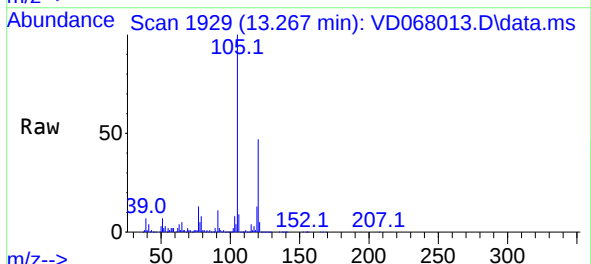
Tgt Ion:105 Resp: 1958850
Ion Ratio Lower Upper
105 100
120 48.5 24.9 74.6

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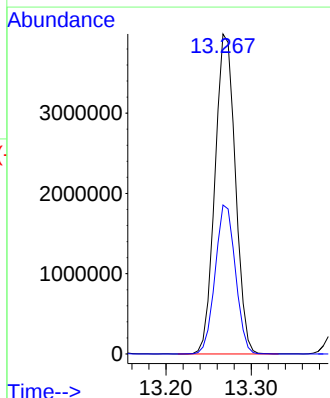
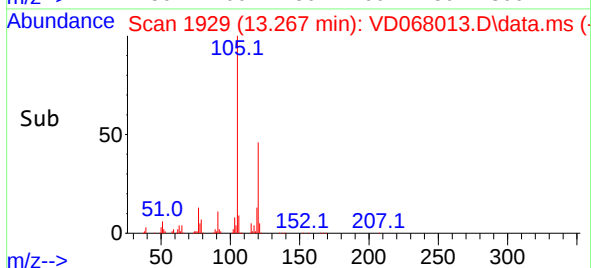
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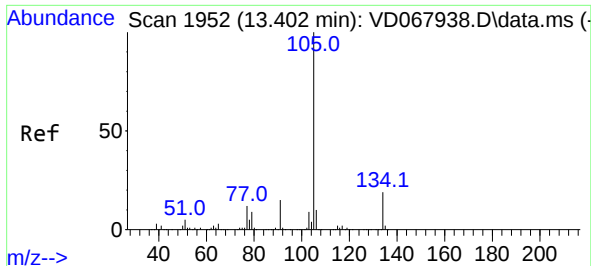


#84
1,2,4-Trimethylbenzene
Concen: 1147.17 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01



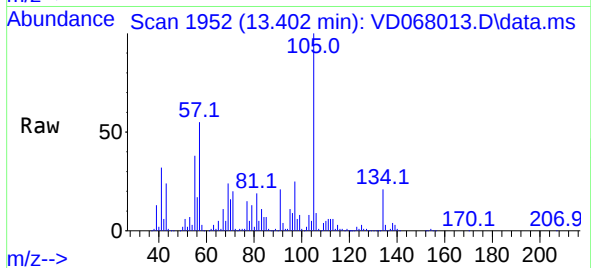
Tgt Ion:105 Resp: 6622915
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.0





#85
 sec-Butylbenzene
 Concen: 91.37 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD068013.D
 Acq: 06 Jan 2021 15:01

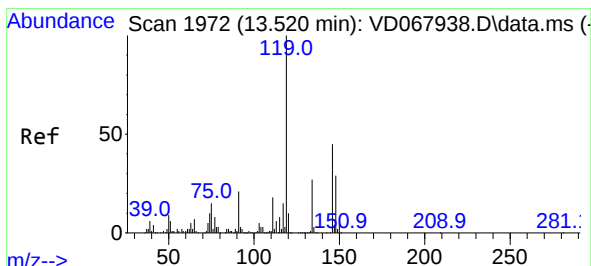
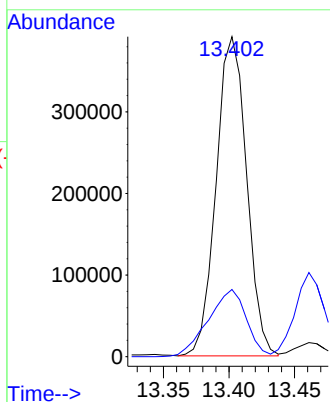
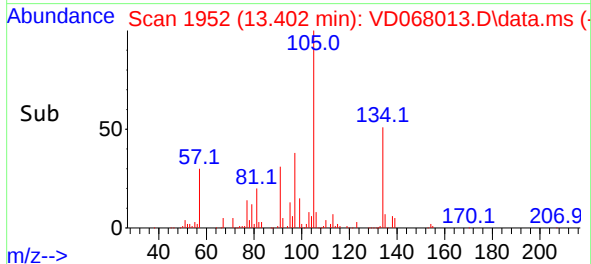
Instrument :
 MSVOA_D
 ClientSampled :
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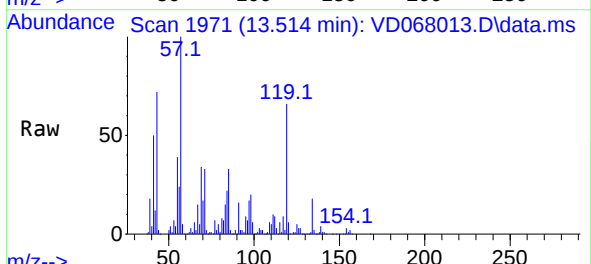
Tgt Ion:105 Resp: 632970
 Ion Ratio Lower Upper
 105 100
 134 26.4 9.7 29.1

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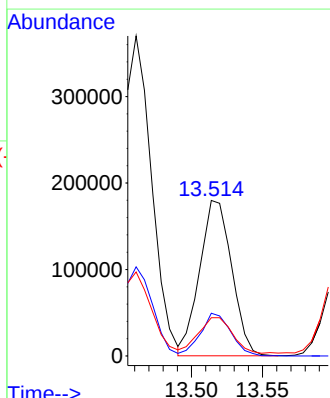
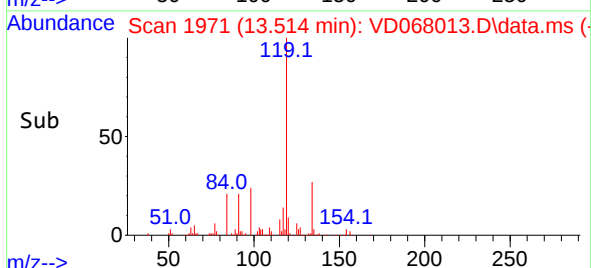
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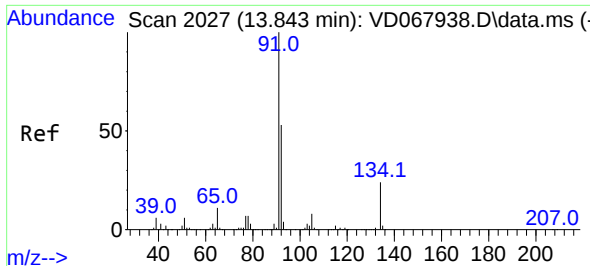


#86
 p-Isopropyltoluene
 Concen: 46.42 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD068013.D
 Acq: 06 Jan 2021 15:01



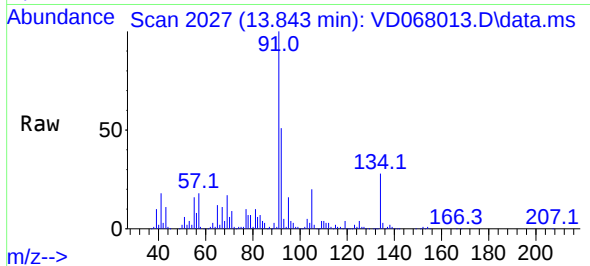
Tgt Ion:119 Resp: 282971
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.9
 91 23.7 11.4 34.2





#89
n-Butylbenzene
Concen: 130.15 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

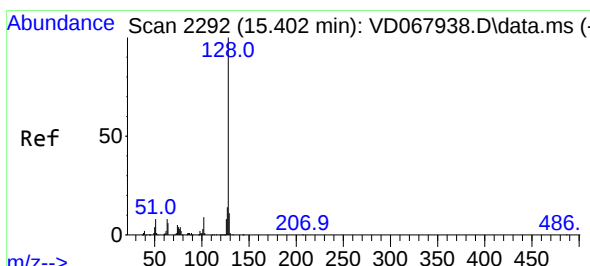
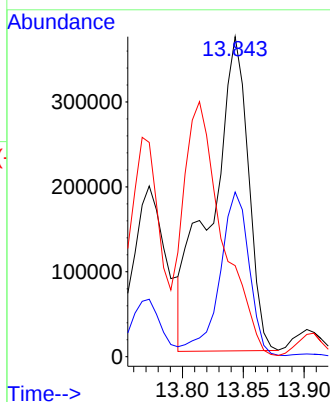
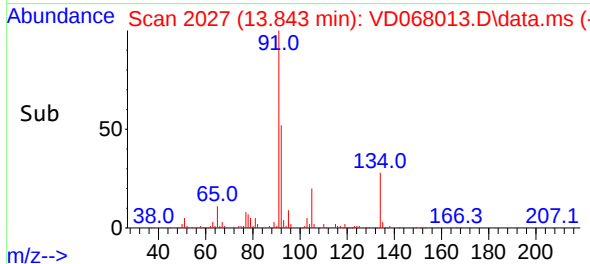
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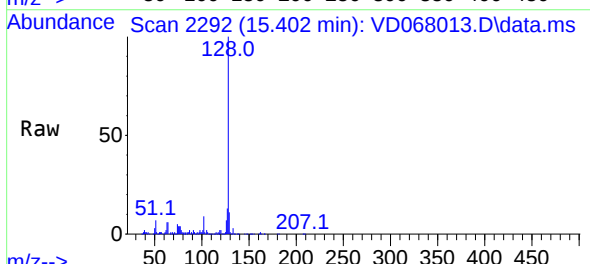
Tgt Ion: 91 Resp: 787030
Ion Ratio Lower Upper
91 100
92 41.5 26.8 80.3
134 0.0 12.3 36.9#

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#95
Naphthalene
Concen: 195.97 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01



Tgt Ion:128 Resp: 545720
Ion Ratio Lower Upper
128 100
127 12.8 11.2 16.8
129 10.9 8.6 12.8

