

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070689.D
 Acq On : 12 Oct 2021 19:52
 Operator : VA/SY
 Sample : M4180-01
 Misc : 7.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NYPD-69TH-WC-1

Manual Integrations
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MMDadoda
 10/15/2021 1:18:42 AM

Quant Time: Oct 13 06:39:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	528160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	985338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	875323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	369986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	277830	44.70	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.40%		
35) Dibromofluoromethane	7.908	113	298962	45.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.28%		
50) Toluene-d8	10.332	98	1532178	61.18	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	122.36%		
62) 4-Bromofluorobenzene	12.620	95	736428	87.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	175.96%#		
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.409	76	29544	1.31	ug/l #	91
31) Cyclohexane	7.955	56	1932692	167.92	ug/l #	48
39) Methylcyclohexane	9.349	83	4207472	349.64	ug/l	88
40) Benzene	8.349	78	42785	1.39	ug/l	98
52) Toluene	10.396	92	56096	2.96	ug/l	92
67) Ethyl Benzene	11.738	91	15347257	476.49	ug/l #	84
68) m/p-Xylenes	11.849	106	650454	51.28	ug/l	95
69) o-Xylene	12.173	106	64797	5.74	ug/l	59
73) Isopropylbenzene	12.473	105	5514309	204.43	ug/l	99
78) n-propylbenzene	12.808	91	16666299	488.25	ug/l	85
80) 1,3,5-Trimethylbenzene	12.949	105	1009920	43.90	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	4332748	189.29	ug/l	97
85) sec-Butylbenzene	13.390	105	2996805	101.68	ug/l #	48
86) p-Isopropyltoluene	13.502	119	240641m	10.00	ug/l	
89) n-Butylbenzene	13.832	91	5953933	259.08	ug/l #	78

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

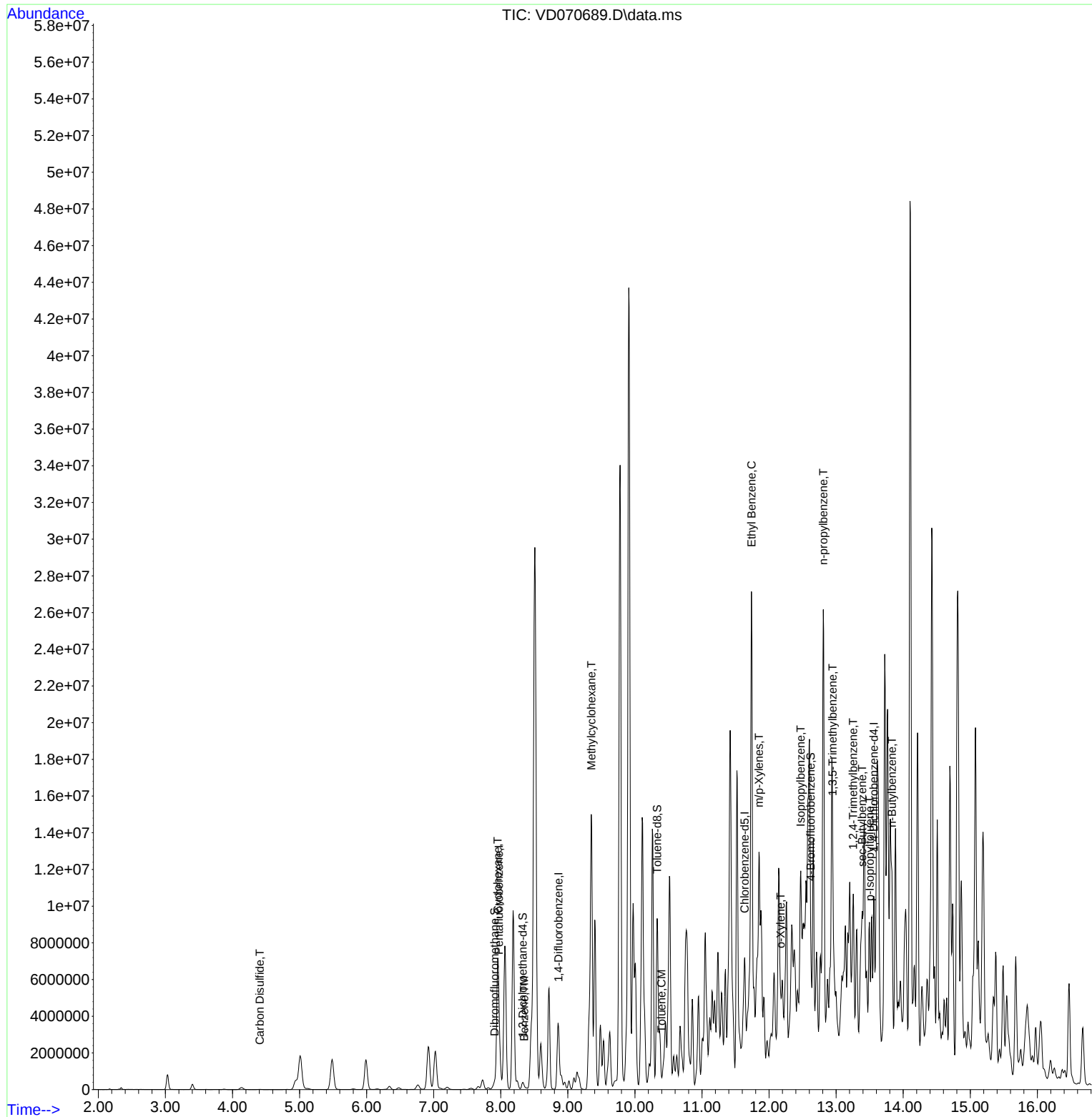
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
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ALS Vial : 20 Sample Multiplier: 1

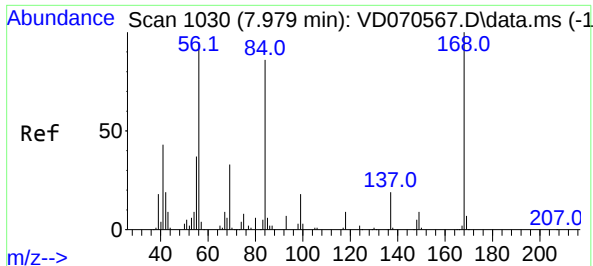
Instrument :
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NYPD-69TH-WC-1

Manual Integrations
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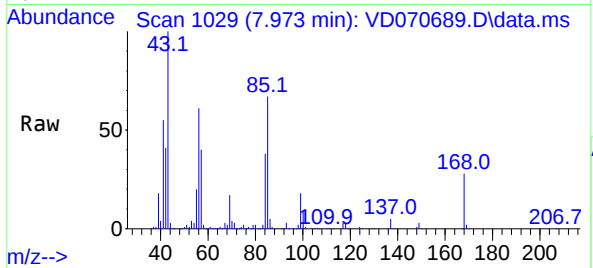
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10/15/2021 1:18:42 AM

Quant Time: Oct 13 06:39:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

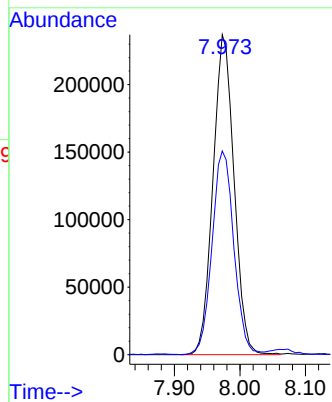
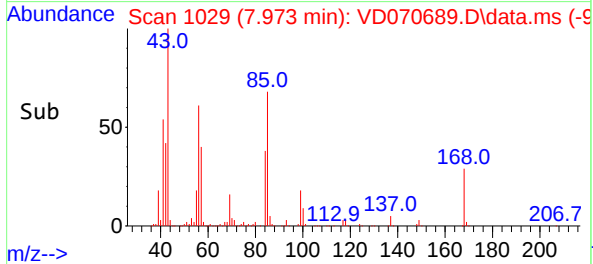




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52



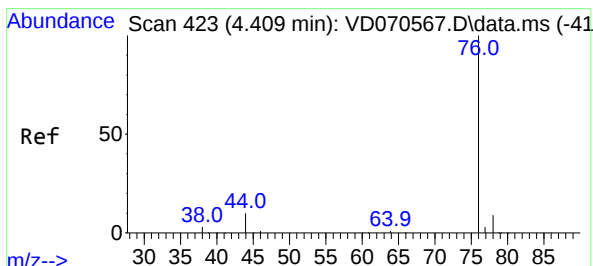
Tgt Ion: 168 Resp: 528160
Ion Ratio Lower Upper
168 100
99 63.6 51.4 77.0



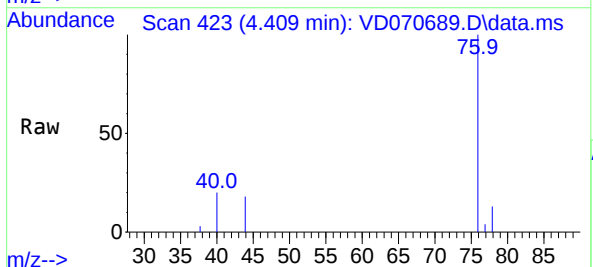
Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

Manual Integrations
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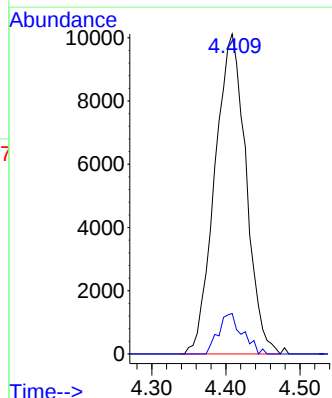
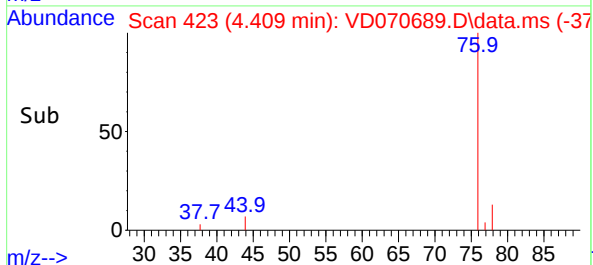
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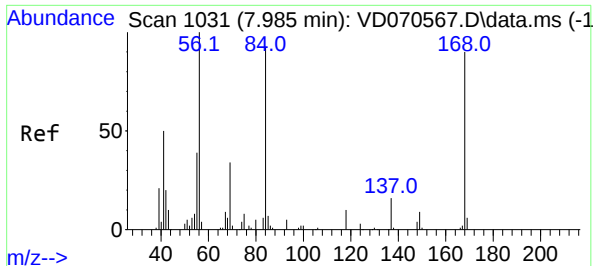


#17
Carbon Disulfide
Concen: 1.31 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52



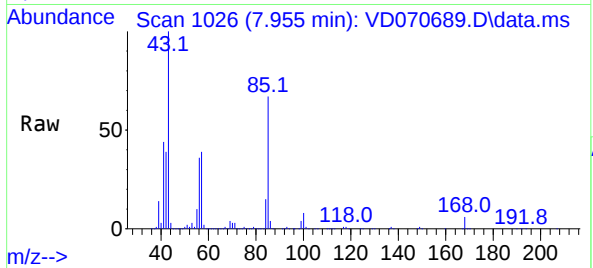
Tgt Ion: 76 Resp: 29544
Ion Ratio Lower Upper
76 100
78 12.7 7.4 11.2#





#31
Cyclohexane
Concen: 167.92 ug/l
RT: 7.955 min Scan# 1026
Delta R.T. -0.030 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

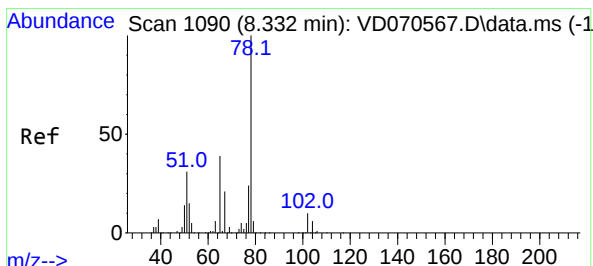
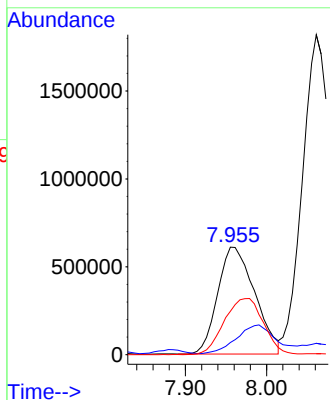
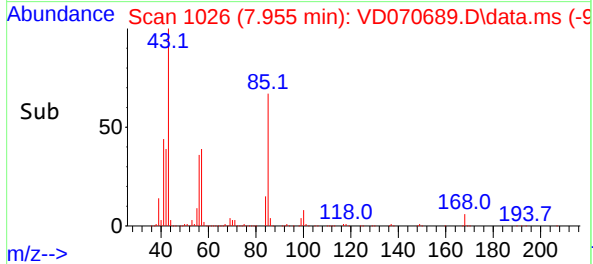
Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1



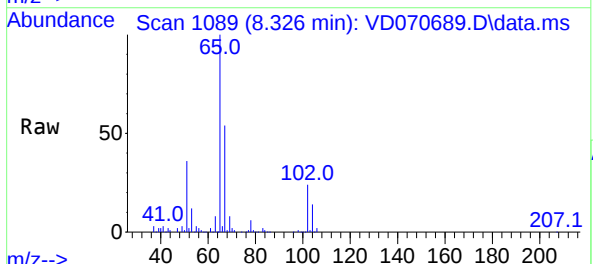
Tgt Ion: 56 Resp: 1932692
Ion Ratio Lower Upper
56 100
69 7.2 27.4 41.2#
84 40.6 73.6 110.4#

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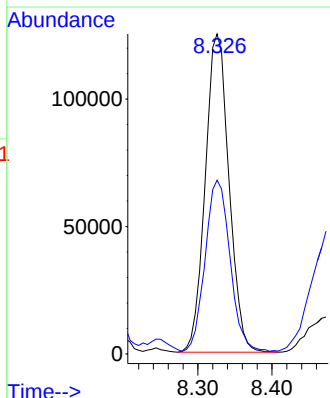
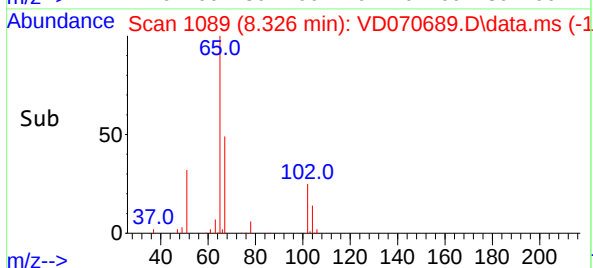
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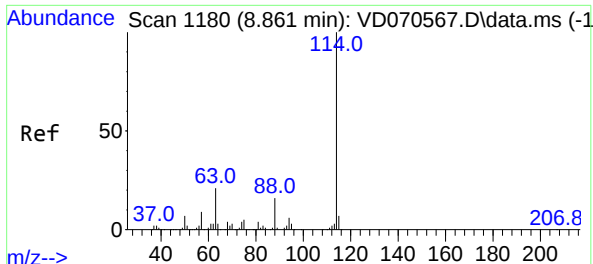


#33
1,2-Dichloroethane-d4
Concen: 44.70 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52



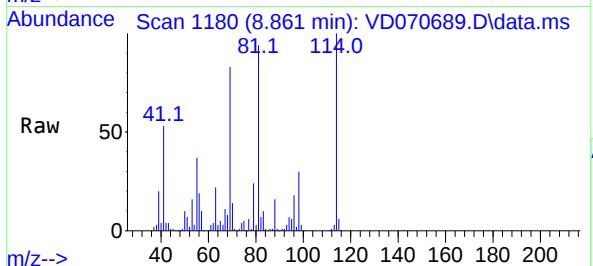
Tgt Ion: 65 Resp: 277830
Ion Ratio Lower Upper
65 100
67 56.2 0.0 110.2





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

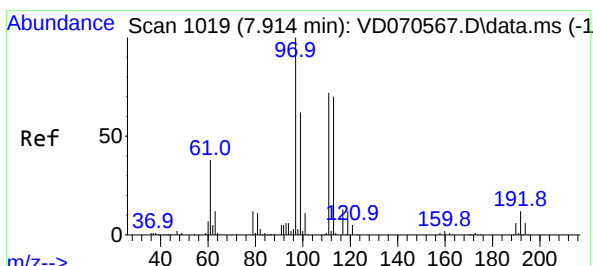
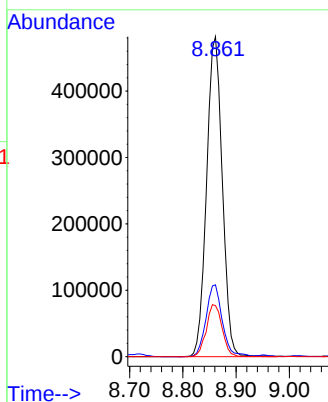
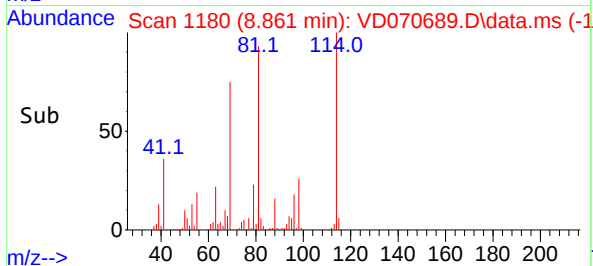
Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1



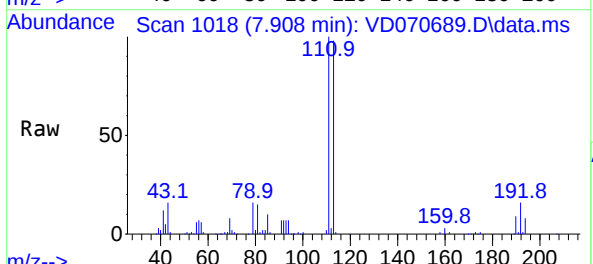
Tgt Ion:114 Resp: 985338
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.8
88 16.0 0.0 32.6

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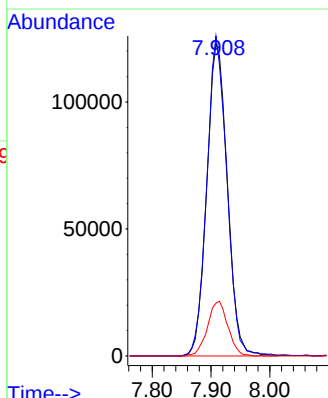
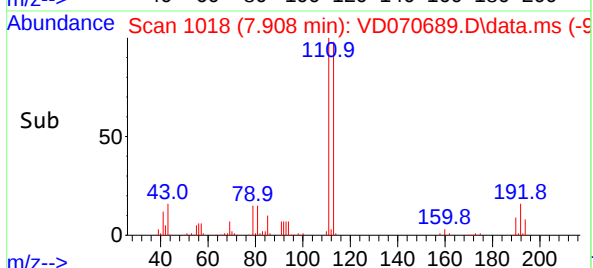
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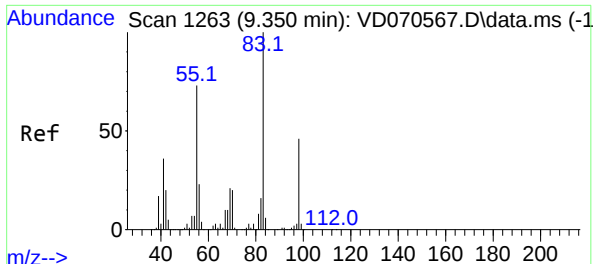


#35
Dibromofluoromethane
Concen: 45.64 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52



Tgt Ion:113 Resp: 298962
Ion Ratio Lower Upper
113 100
111 100.3 83.1 124.7
192 17.3 12.7 19.1





#39
Methylcyclohexane
Concen: 349.64 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

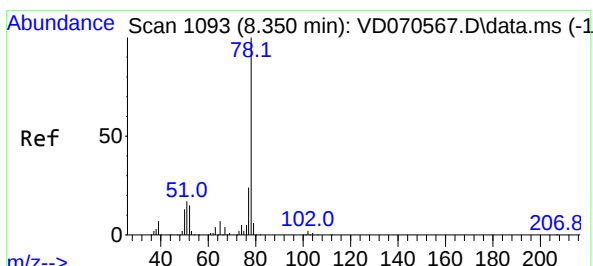
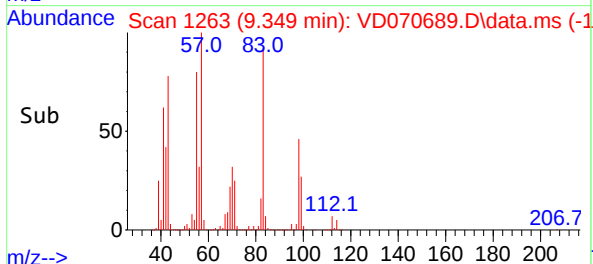
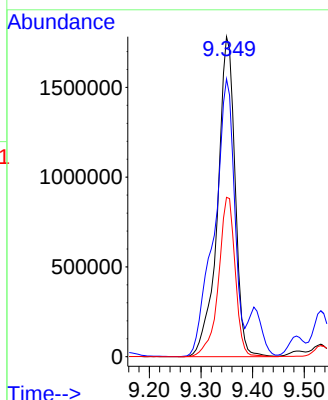
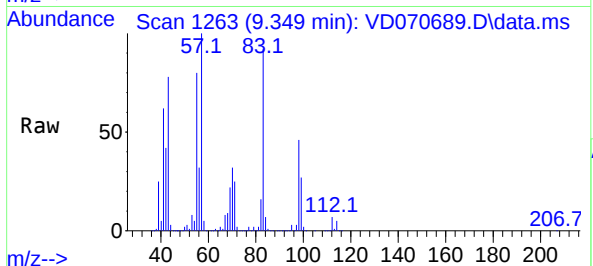
Tgt Ion: 83 Resp: 4207472

Ion	Ratio	Lower	Upper
83	100		
55	86.8	58.2	87.4
98	49.8	36.9	55.3

Instrument :
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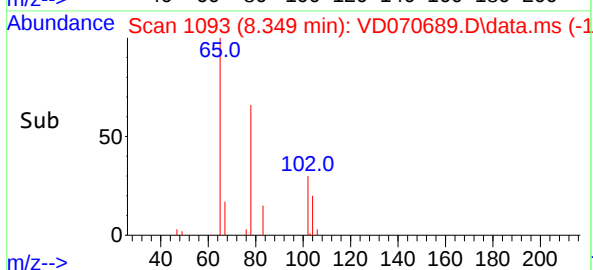
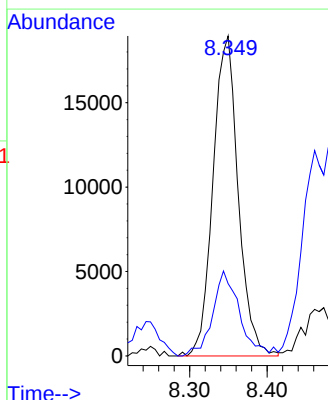
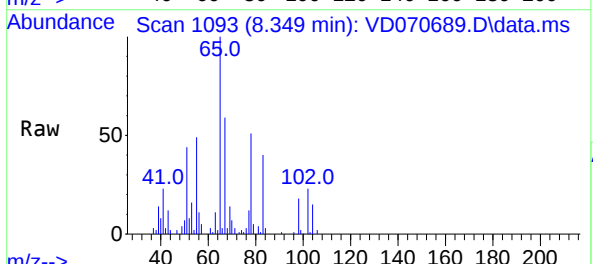
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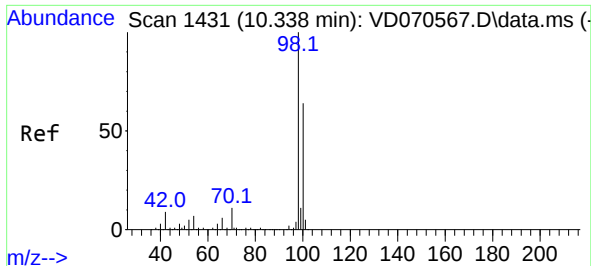


#40
Benzene
Concen: 1.39 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

Tgt Ion: 78 Resp: 42785

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.9	28.3





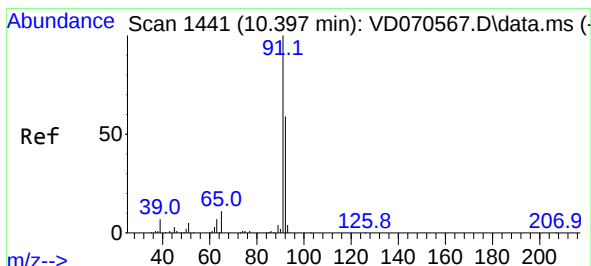
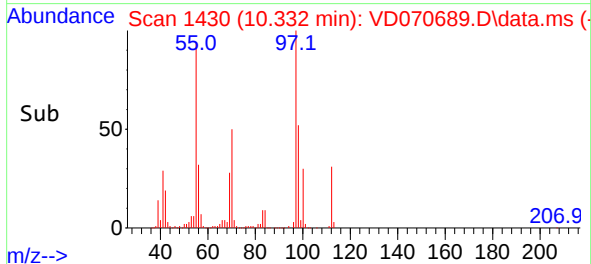
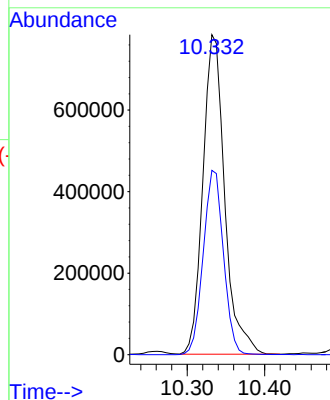
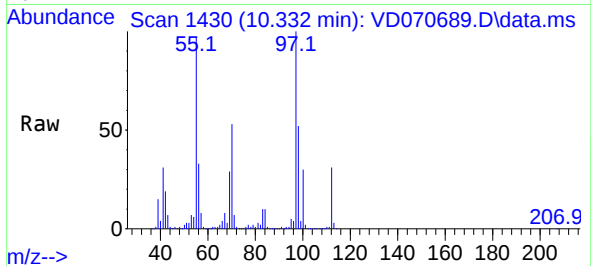
#50
Toluene-d8
Concen: 61.18 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

Tgt Ion: 98 Resp: 1532178
Ion Ratio Lower Upper
98 100
100 53.6 52.2 78.4

Instrument :
MSVOA_D
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NYPD-69TH-WC-1

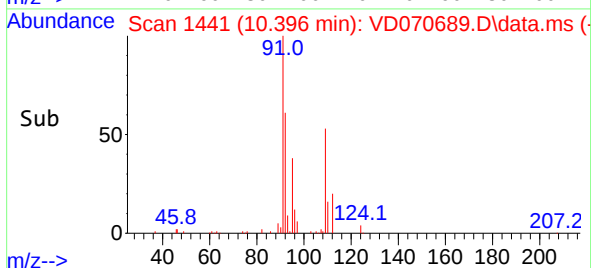
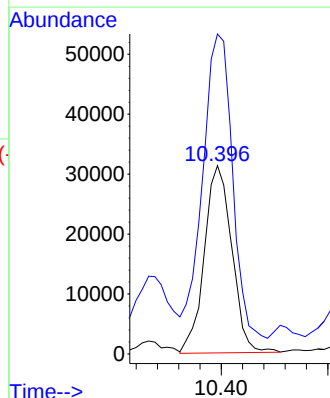
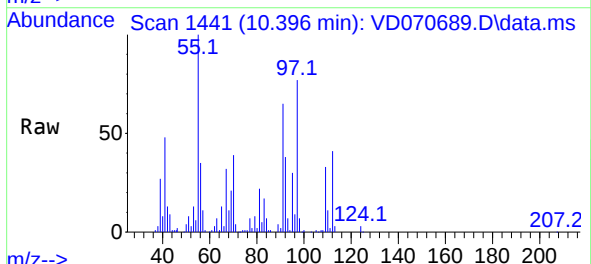
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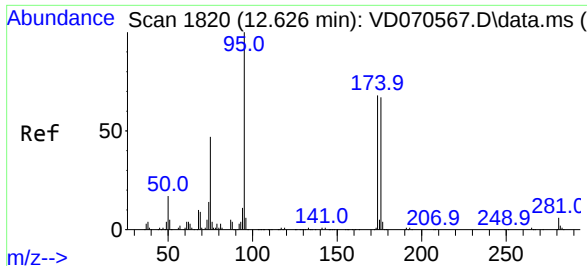
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#52
Toluene
Concen: 2.96 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

Tgt Ion: 92 Resp: 56096
Ion Ratio Lower Upper
92 100
91 181.3 136.3 204.5





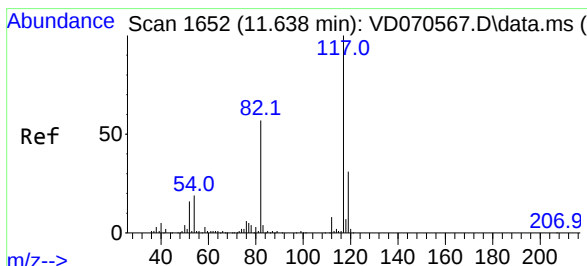
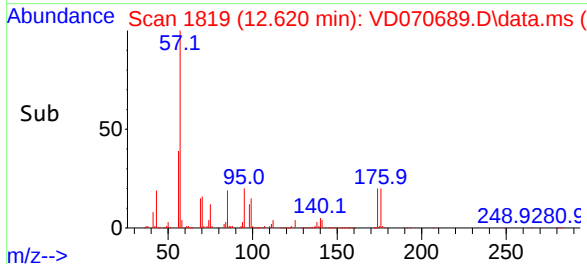
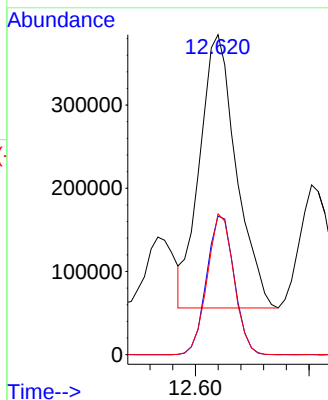
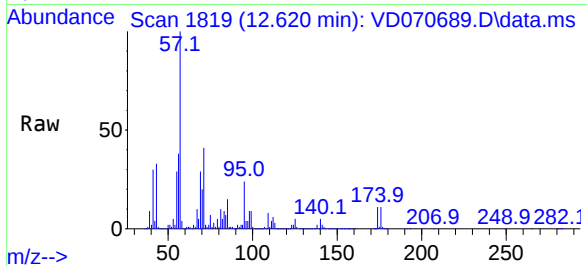
#62
4-Bromofluorobenzene
Concen: 87.98 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

Tgt Ion: 95 Resp: 736428
Ion Ratio Lower Upper
95 100
174 38.3 0.0 138.0
176 37.5 0.0 135.6

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NYPD-69TH-WC-1

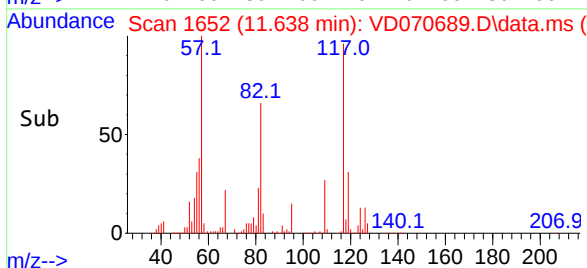
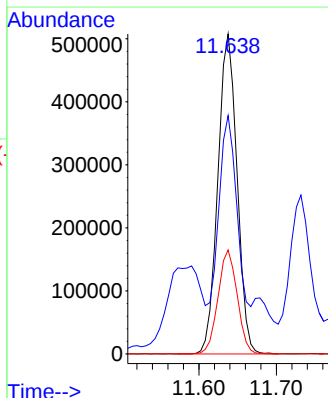
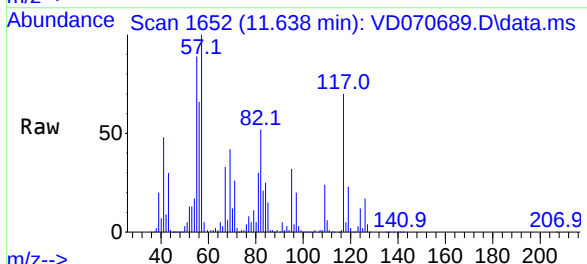
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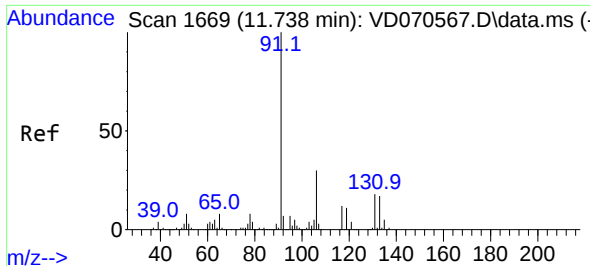
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

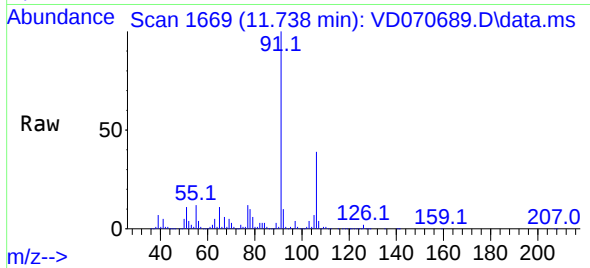
Tgt Ion: 117 Resp: 875323
Ion Ratio Lower Upper
117 100
82 65.2 45.4 68.2
119 32.5 24.7 37.1





#67
Ethyl Benzene
Concen: 476.49 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

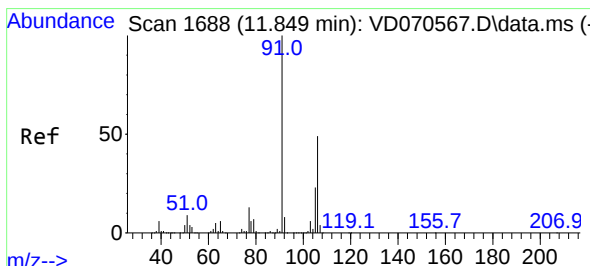
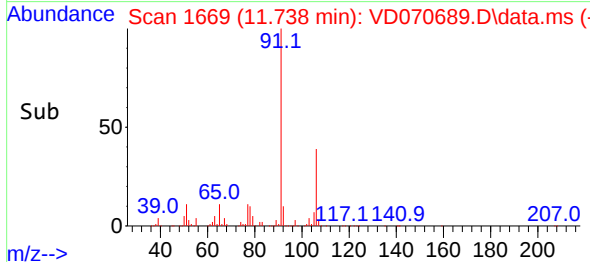
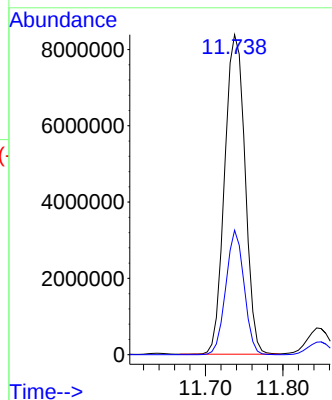
Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1



Tgt Ion: 91 Resp:15347257
Ion Ratio Lower Upper
91 100
106 38.9 24.2 36.2#

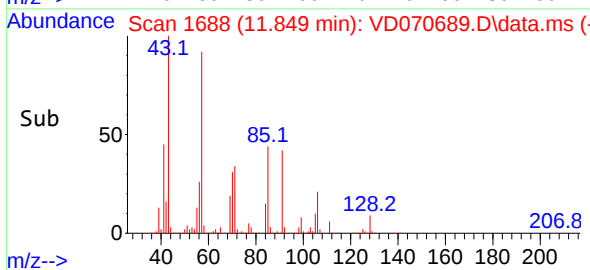
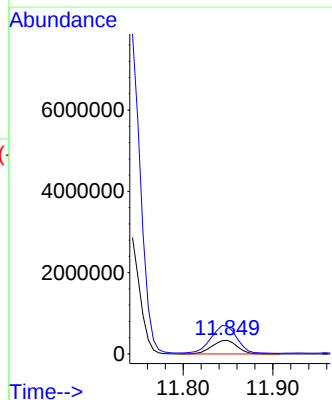
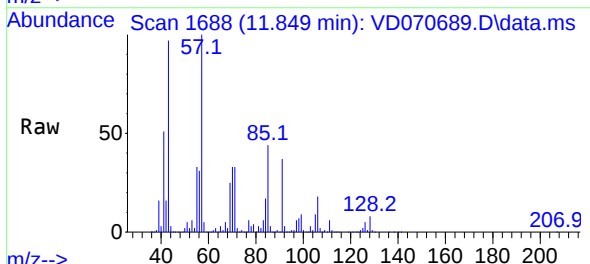
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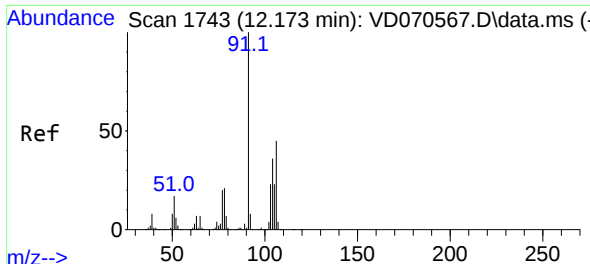
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#68
m/p-Xylenes
Concen: 51.28 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

Tgt Ion:106 Resp: 650454
Ion Ratio Lower Upper
106 100
91 210.8 162.7 244.1





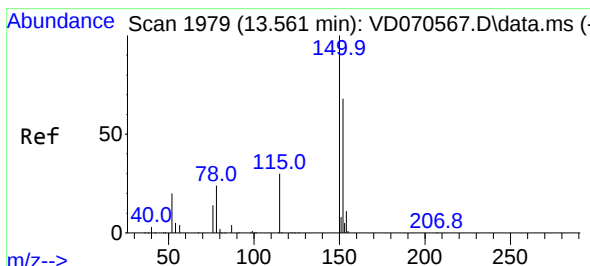
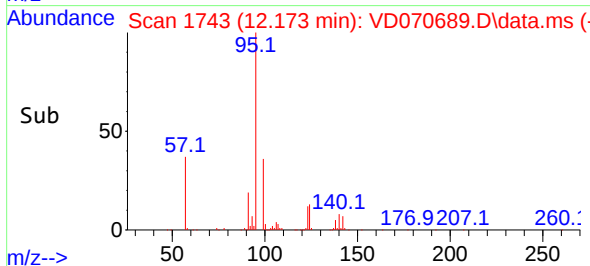
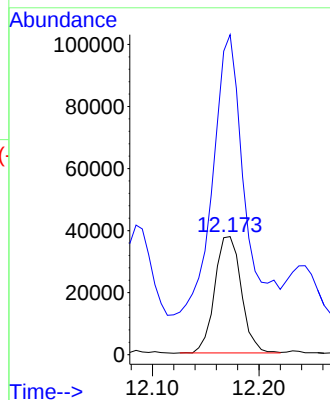
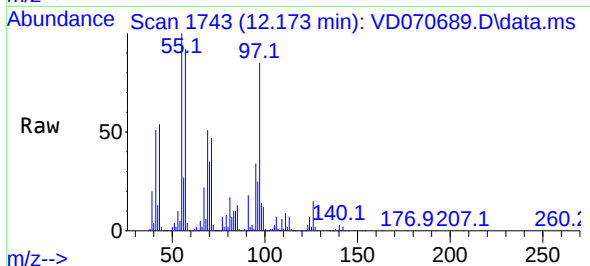
#69
o-Xylene
Concen: 5.74 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

Tgt Ion:106 Resp: 64797
Ion Ratio Lower Upper
106 100
91 280.8 107.8 323.6

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

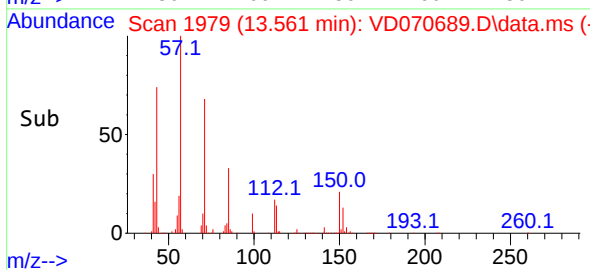
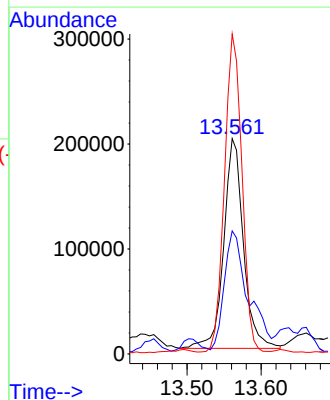
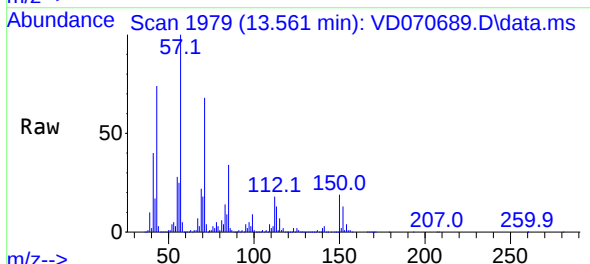
Manual Integrations
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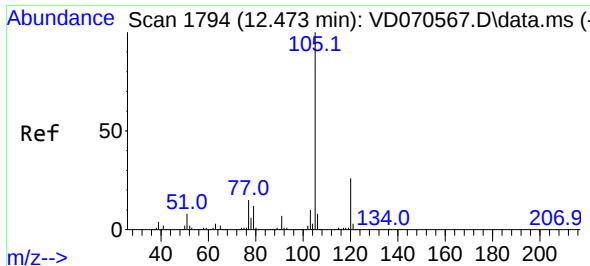
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

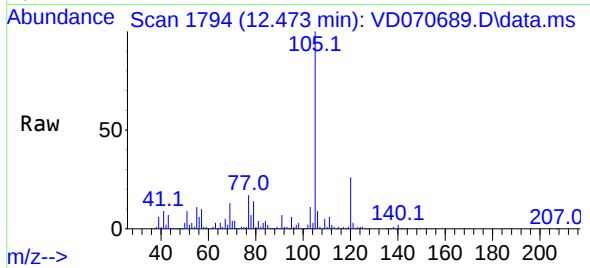
Tgt Ion:152 Resp: 369986
Ion Ratio Lower Upper
152 100
115 68.3 31.9 95.7
150 134.0 0.0 350.0





#73
Isopropylbenzene
Concen: 204.43 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

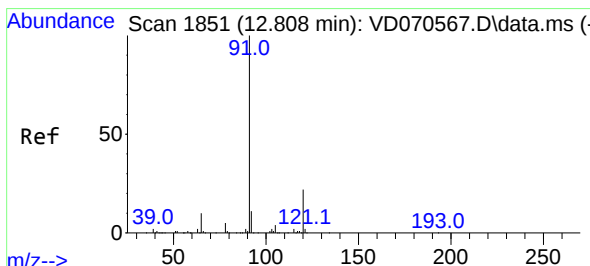
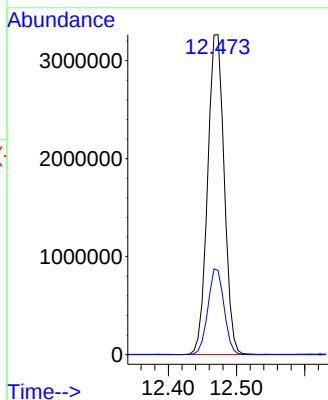
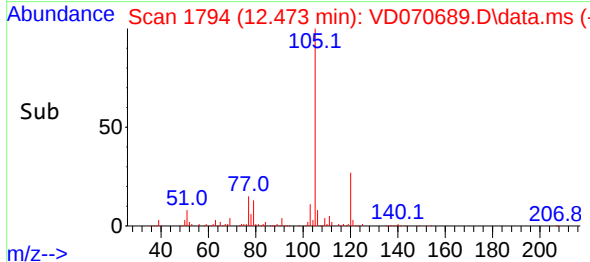
Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1



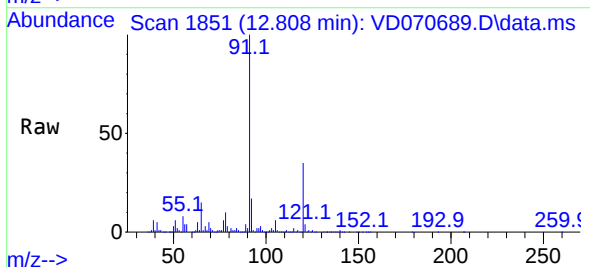
Tgt Ion:105 Resp: 5514309
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3

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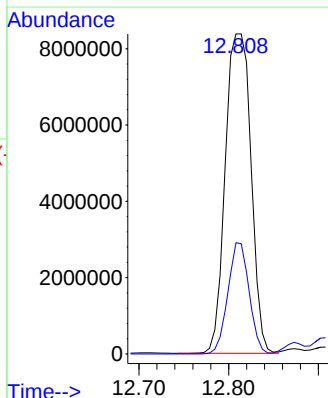
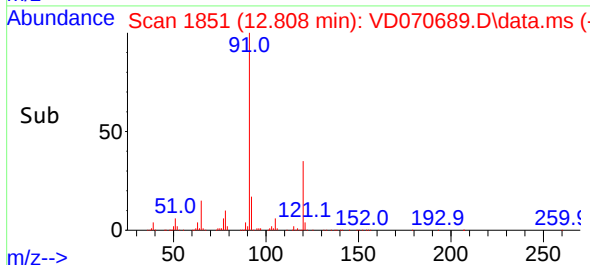
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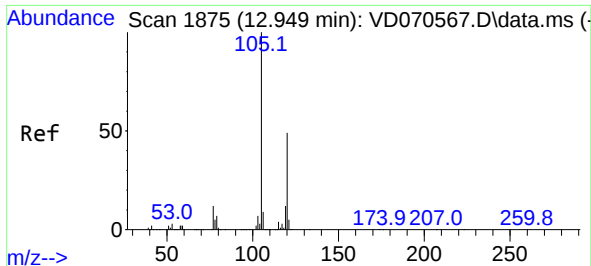


#78
n-propylbenzene
Concen: 488.25 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52



Tgt Ion: 91 Resp:16666299
Ion Ratio Lower Upper
91 100
120 28.9 10.9 32.6





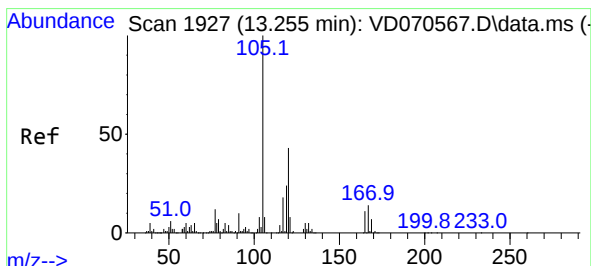
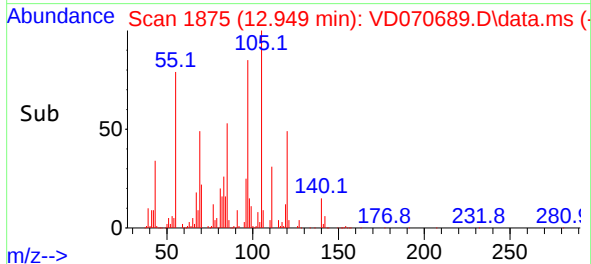
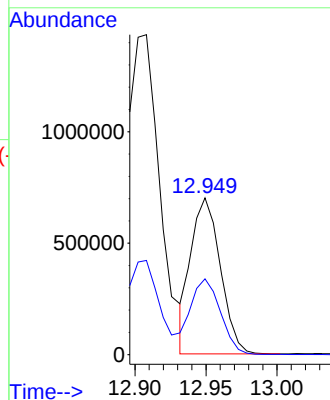
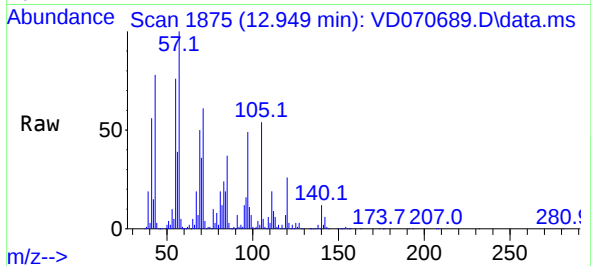
#80
1,3,5-Trimethylbenzene
Concen: 43.90 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

Tgt Ion:105 Resp: 1009920
Ion Ratio Lower Upper
105 100
120 52.3 24.4 73.2

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

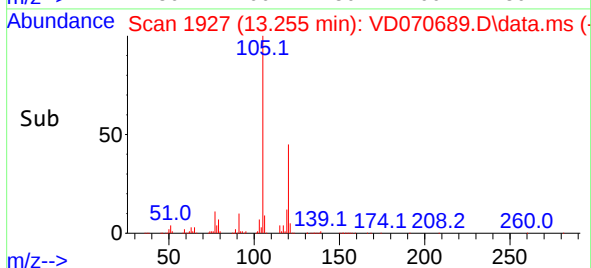
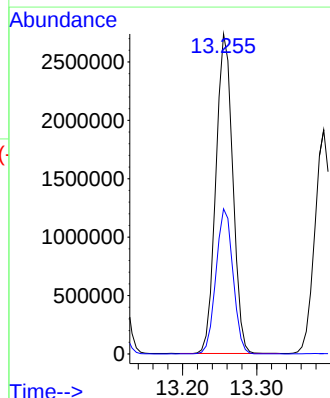
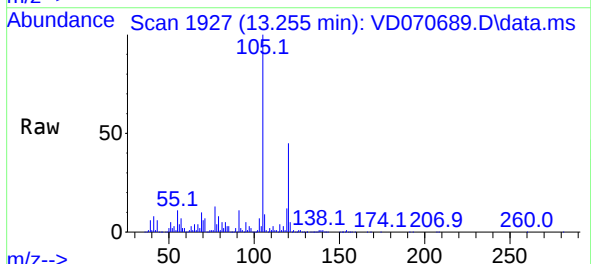
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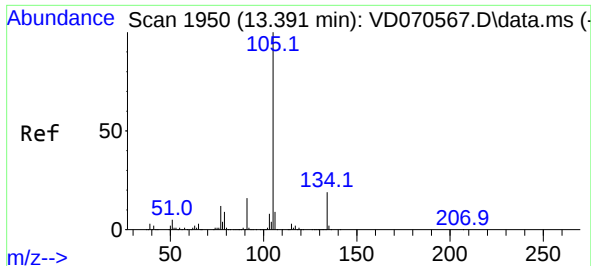
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#84
1,2,4-Trimethylbenzene
Concen: 189.29 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

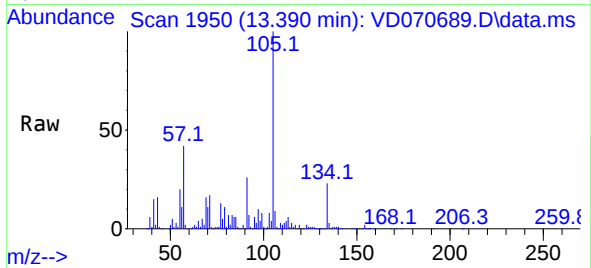
Tgt Ion:105 Resp: 4332748
Ion Ratio Lower Upper
105 100
120 45.8 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 101.68 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070689.D
 Acq: 12 Oct 2021 19:52

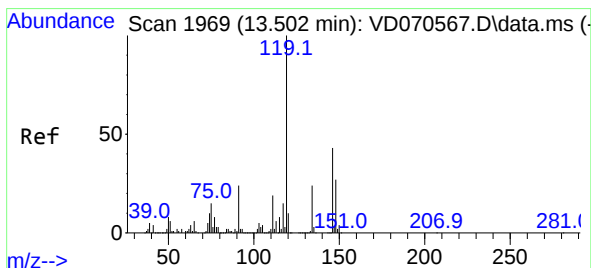
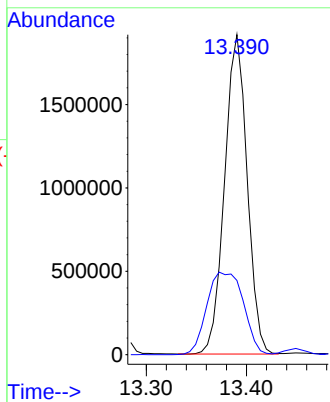
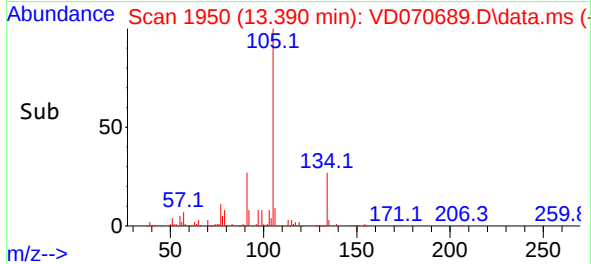
Instrument :
 MSVOA_D
 ClientSampleId :
 NYPD-69TH-WC-1



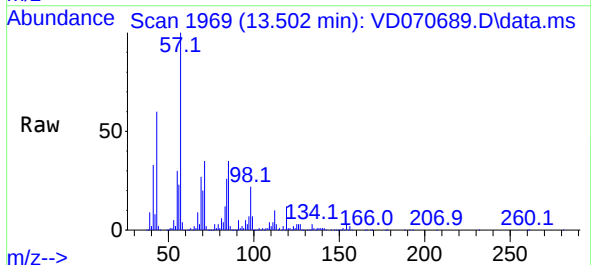
Tgt Ion:105 Resp: 2996805
 Ion Ratio Lower Upper
 105 100
 134 41.8 9.3 28.0#

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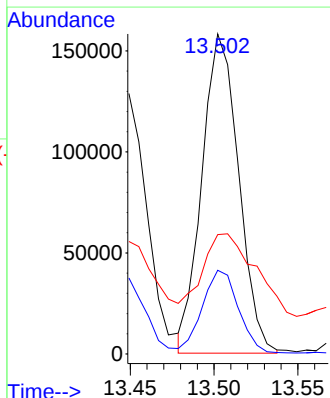
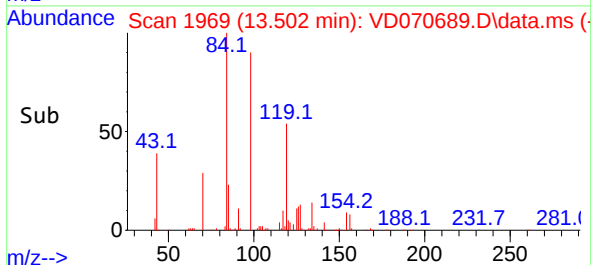
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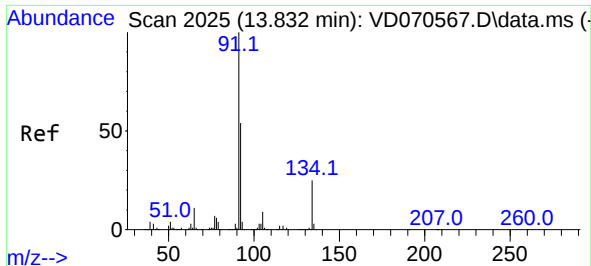


#86
 p-Isopropyltoluene
 Concen: 10.00 ug/l m
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD070689.D
 Acq: 12 Oct 2021 19:52



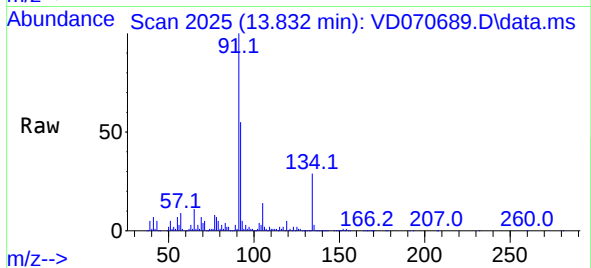
Tgt Ion:119 Resp: 240641
 Ion Ratio Lower Upper
 119 100
 134 49.5 12.5 37.5#
 91 46.2 11.9 35.5#





#89
n-Butylbenzene
Concen: 259.08 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070689.D
Acq: 12 Oct 2021 19:52

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1



Tgt Ion: 91 Resp: 5953933
Ion Ratio Lower Upper
91 100
92 46.6 26.8 80.4
134 0.0 12.2 36.4#

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