

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021546.D
 Acq On : 26 Mar 2021 22:25
 Operator : JC/MD
 Sample : M1806-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2RDL

Manual Integrations
 APPROVED

SAM
 3/30/2021 7:15:34 PM

Quant Time: Mar 27 04:33:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	63167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	114400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	55432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52969	50.40	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.80%
35) Dibromofluoromethane	5.464	113	40032	49.26	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.52%
50) Toluene-d8	8.694	98	143760	49.65	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.30%
62) 4-Bromofluorobenzene	11.118	95	60742	53.95	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.90%
Target Compounds					Qvalue	
31) Cyclohexane	5.535	56	2903	2.51	ug/l #	83
39) Methylcyclohexane	7.435	83	2046	1.65	ug/l #	80
40) Benzene	6.105	78	2600	0.82	ug/l	94
52) Toluene	8.765	92	10760	5.47	ug/l	99
67) Ethyl Benzene	10.235	91	105600	24.67	ug/l	98
68) m/p-Xylenes	10.341	106	214318	140.55	ug/l	92
69) o-Xylene	10.682	106	108239	73.29	ug/l	92
73) Isopropylbenzene	11.000	105	7821	2.01	ug/l	97
78) n-propylbenzene	11.341	91	22995	5.00	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	120690	36.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.789	105	394547	117.63	ug/l	99
85) sec-Butylbenzene	11.930	105	1776m	0.48	ug/l	
86) p-Isopropyltoluene	12.047	119	1669m	0.49	ug/l	
95) Naphthalene	13.818	128	56345	15.59	ug/l	98

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

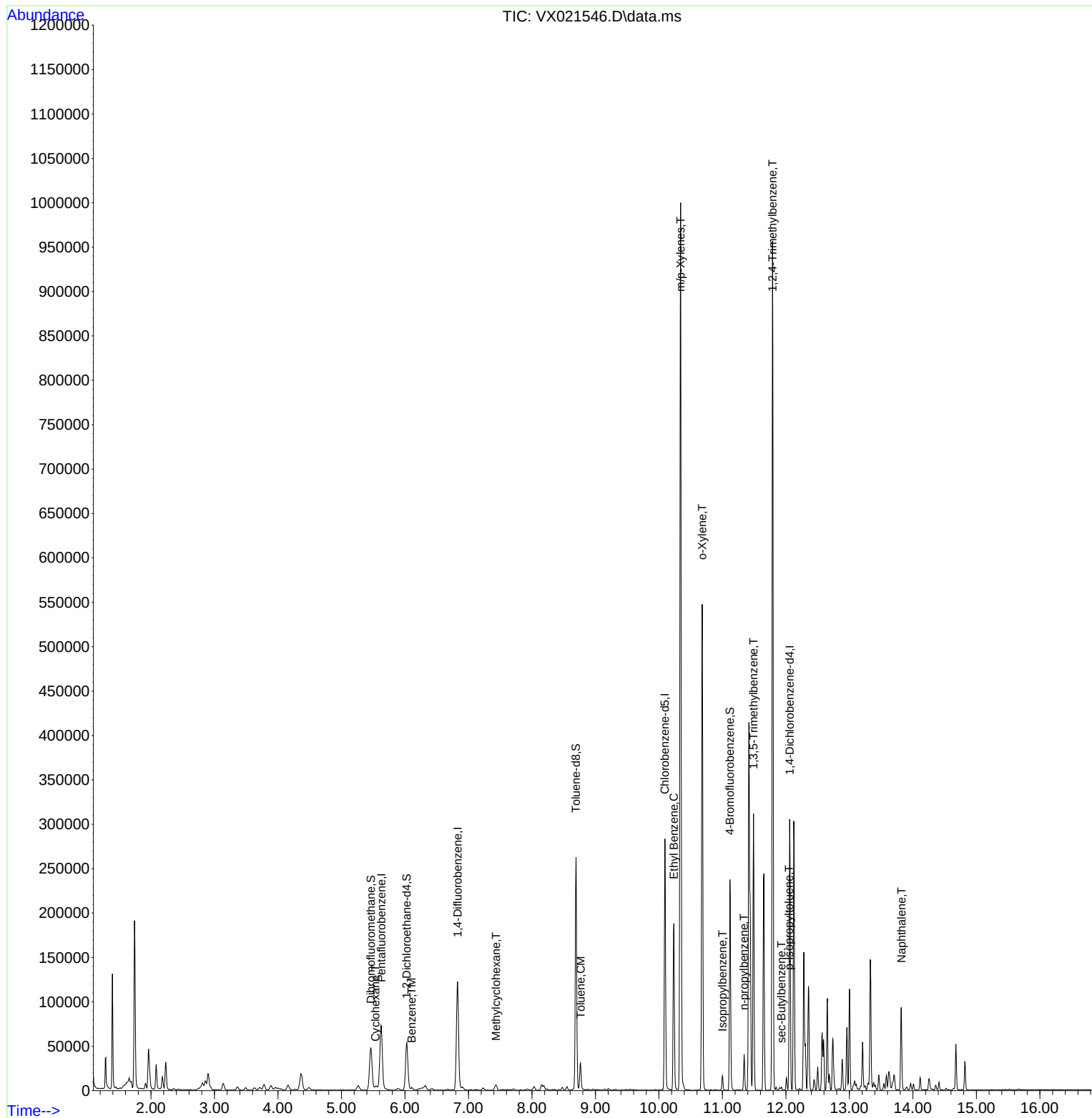
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Data File : VX021546.D
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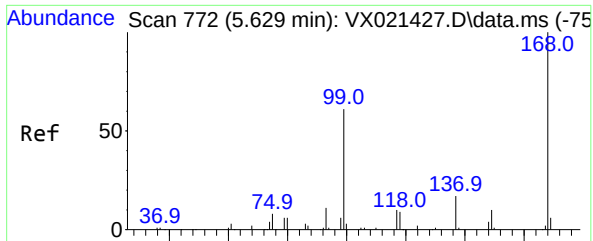
Instrument :
MSVOA_X
ClientSampleId :
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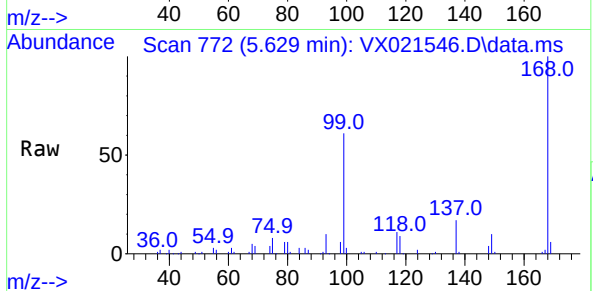
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Quant Time: Mar 27 04:33:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

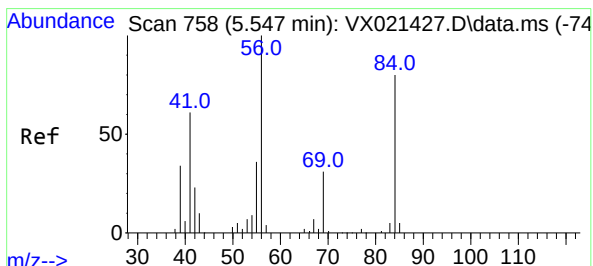
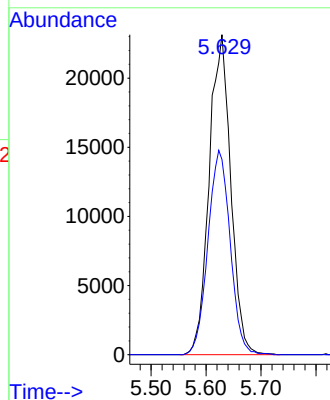
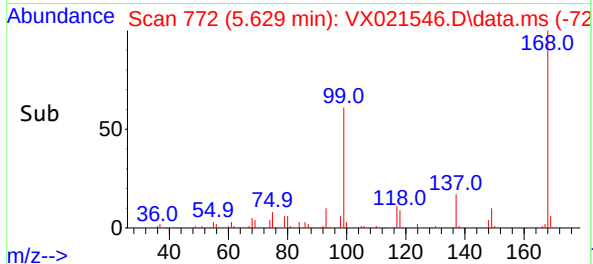




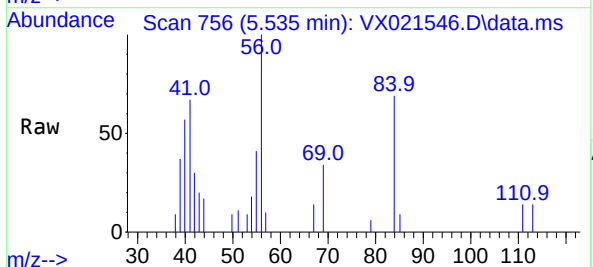
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25



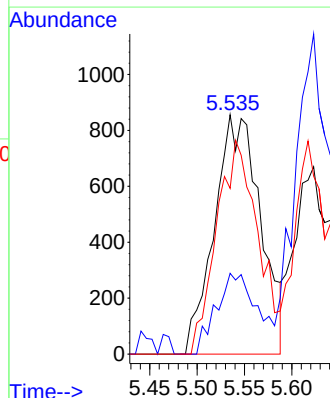
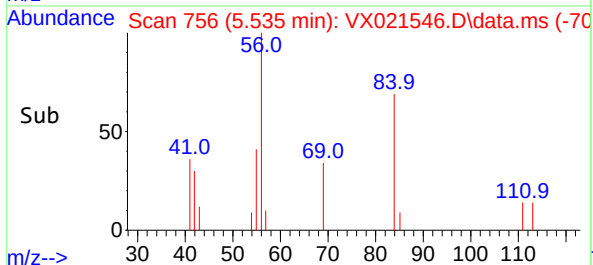
Tgt Ion:168 Resp: 63167
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.6



#31
Cyclohexane
Concen: 2.51 ug/l
RT: 5.535 min Scan# 756
Delta R.T. -0.012 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25



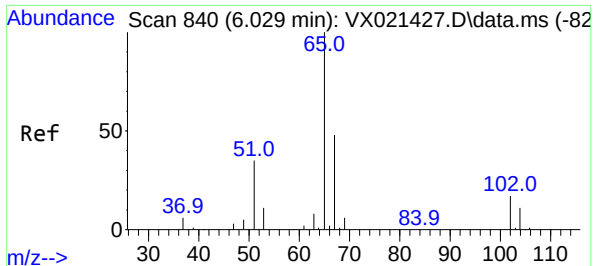
Tgt Ion: 56 Resp: 2903
Ion Ratio Lower Upper
56 100
69 33.8 25.3 37.9
84 69.3 71.4 107.0#



Instrument :
MSVOA_X
ClientSampled :
MW2RDL

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#33

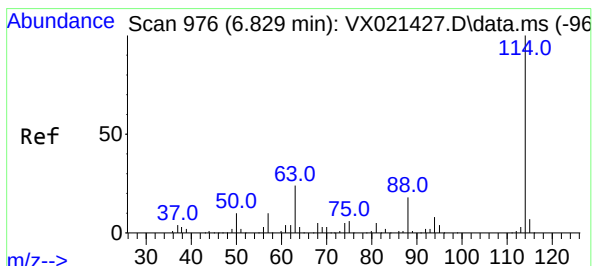
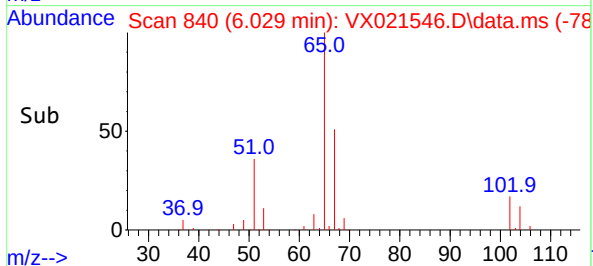
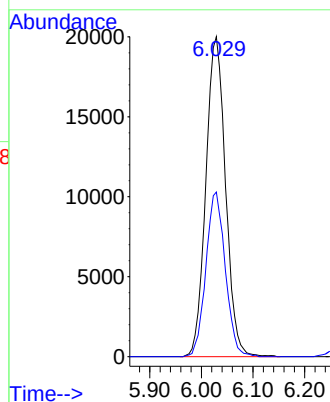
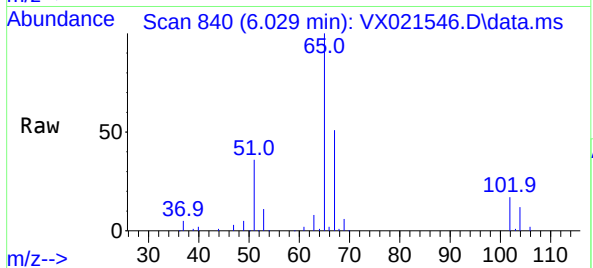
1,2-Dichloroethane-d4
Concen: 50.40 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

Tgt Ion: 65 Resp: 52969
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
MW2RDL

Manual Integrations
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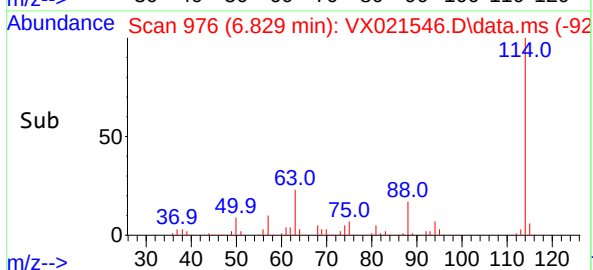
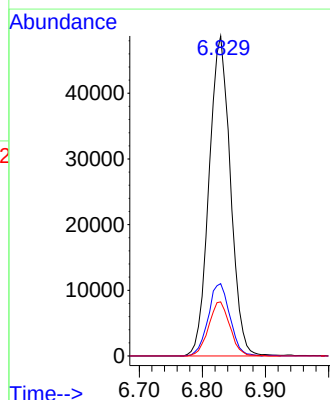
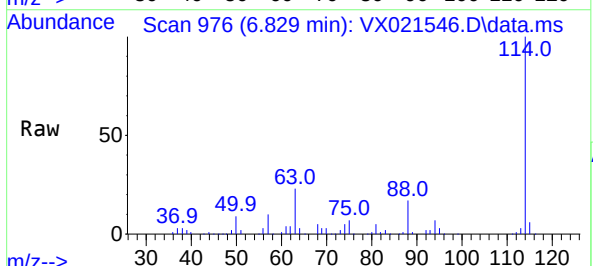
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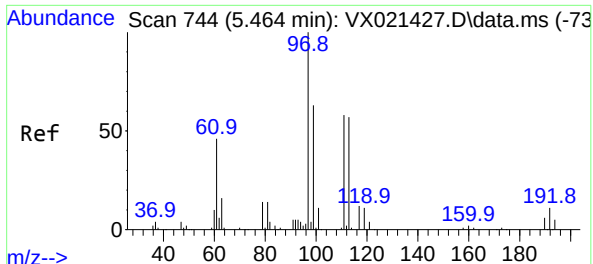


#34

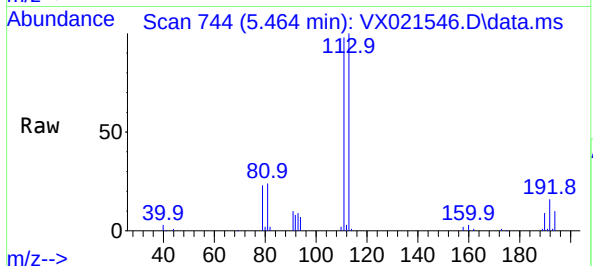
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

Tgt Ion: 114 Resp: 114400
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.9 0.0 32.8

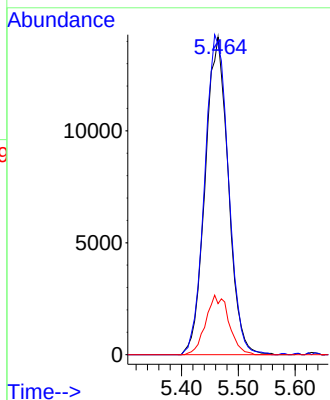
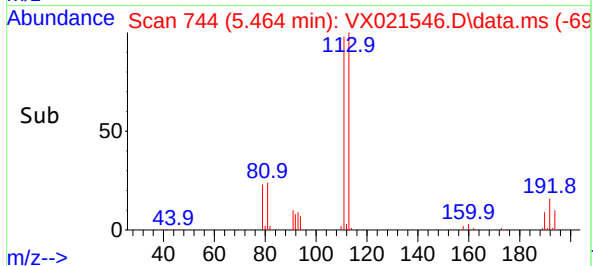




#35
Dibromofluoromethane
Concen: 49.26 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25



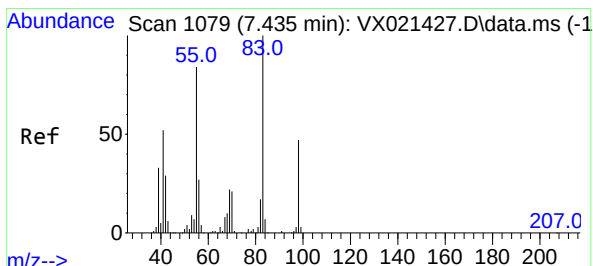
Tgt Ion: 113 Resp: 40032
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 18.8 16.7 25.1



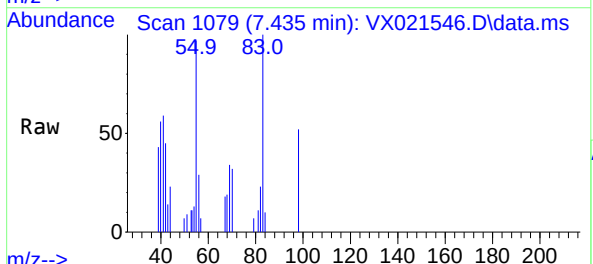
Instrument :
MSVOA_X
ClientSampleId :
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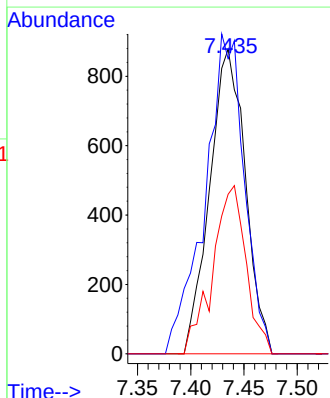
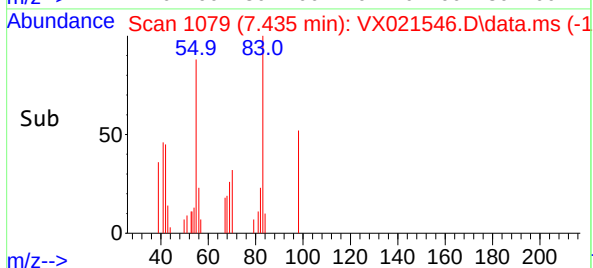
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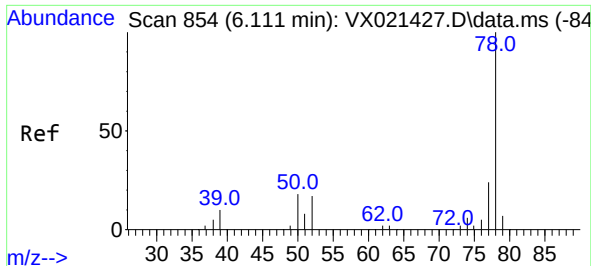


#39
Methylcyclohexane
Concen: 1.65 ug/l
RT: 7.435 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25



Tgt Ion: 83 Resp: 2046
Ion Ratio Lower Upper
83 100
55 96.9 58.9 88.3#
98 52.4 38.1 57.1





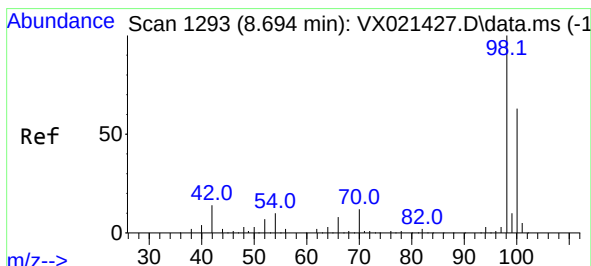
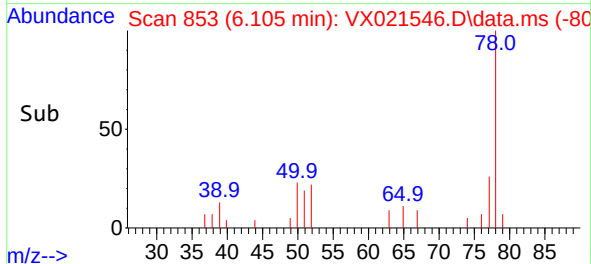
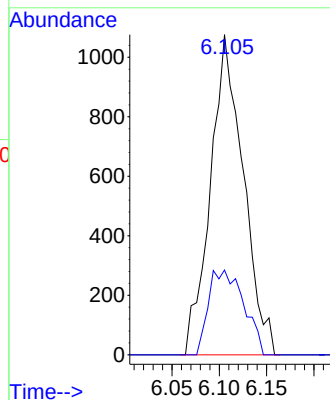
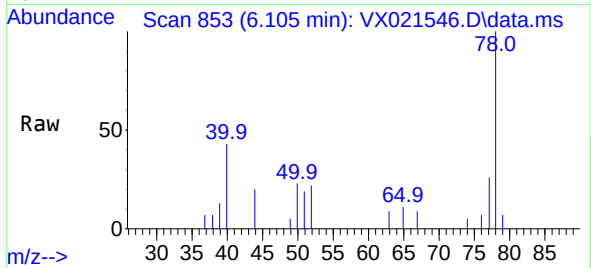
#40
Benzene
Concen: 0.82 ug/l
RT: 6.105 min Scan# 853
Delta R.T. -0.006 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

Tgt Ion: 78 Resp: 2600
Ion Ratio Lower Upper
78 100
77 26.5 18.9 28.3

Instrument :
MSVOA_X
ClientSampled :
MW2RDL

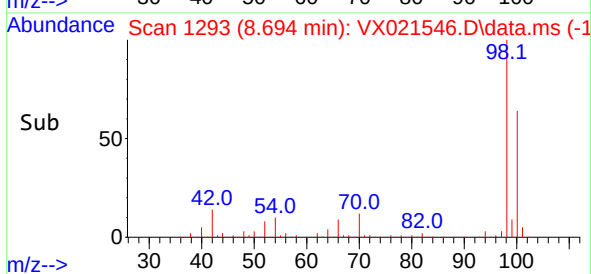
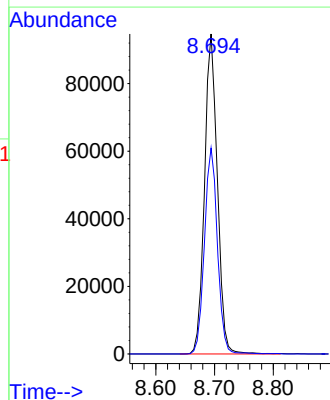
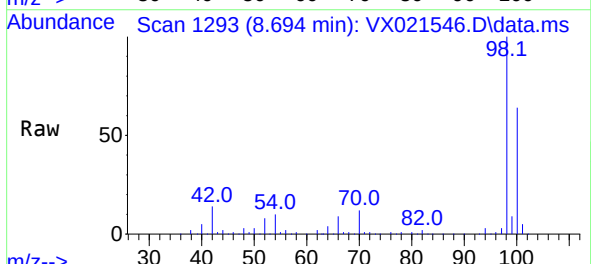
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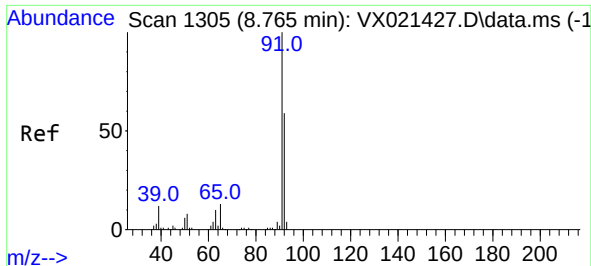
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#50
Toluene-d8
Concen: 49.65 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

Tgt Ion: 98 Resp: 143760
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9





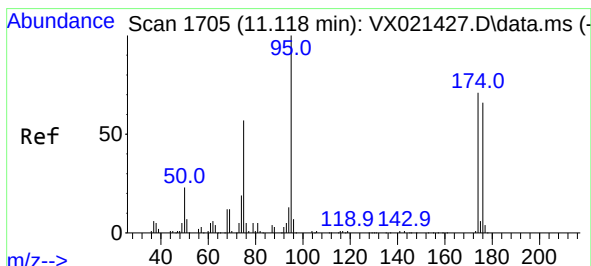
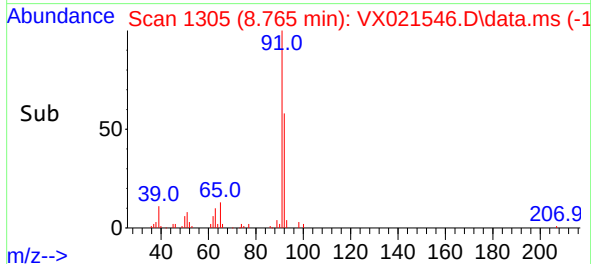
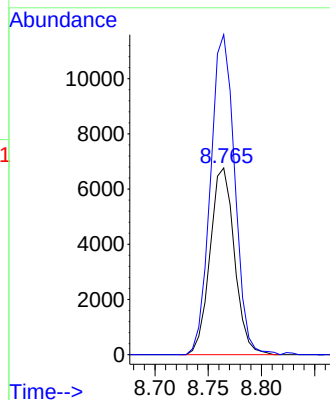
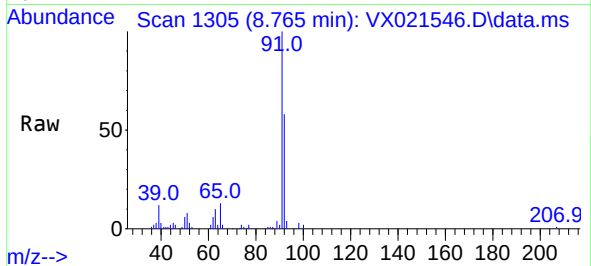
#52
Toluene
Concen: 5.47 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

Tgt Ion: 92 Resp: 10760
Ion Ratio Lower Upper
92 100
91 170.3 137.1 205.7

Instrument :
MSVOA_X
ClientSampleId :
MW2RDL

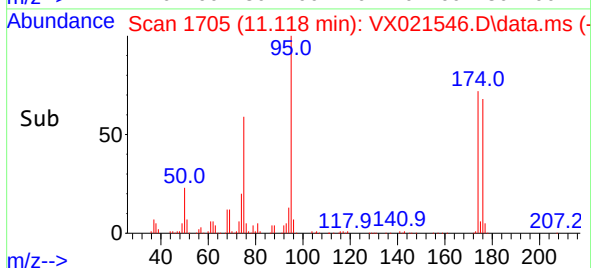
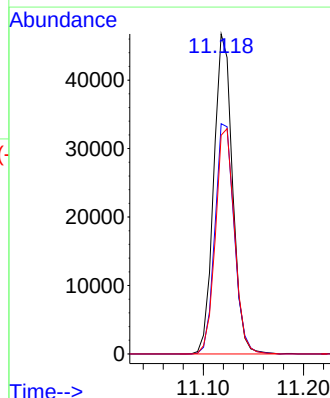
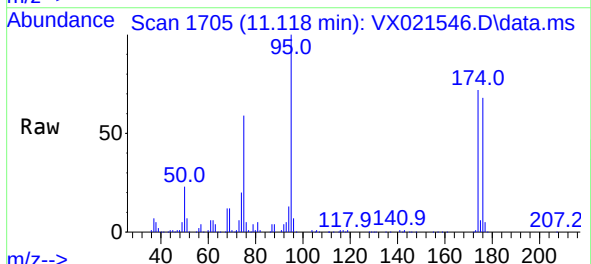
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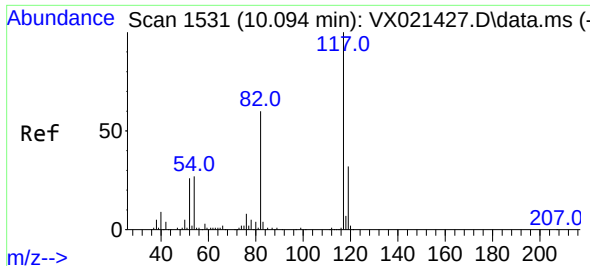
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#62
4-Bromofluorobenzene
Concen: 53.95 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

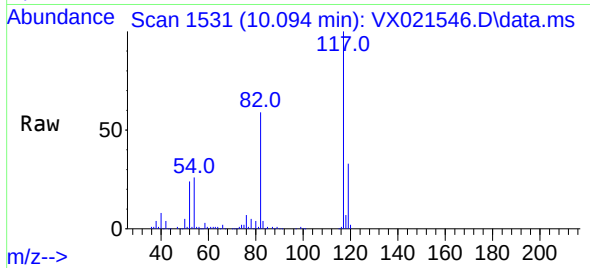
Tgt Ion: 95 Resp: 60742
Ion Ratio Lower Upper
95 100
174 73.6 0.0 154.6
176 71.4 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

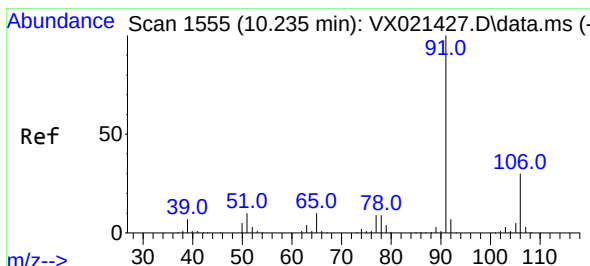
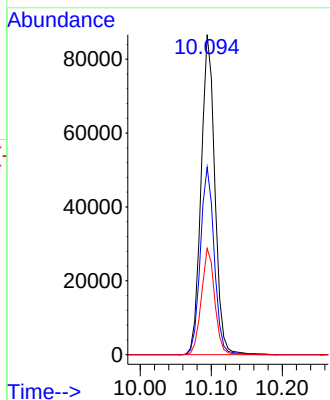
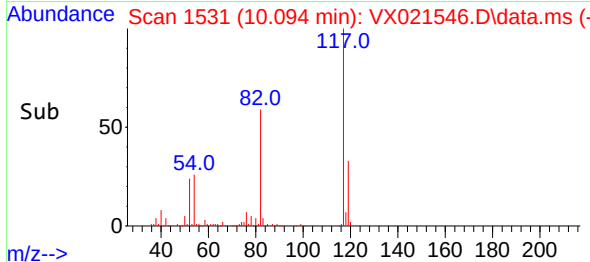
Instrument :
MSVOA_X
ClientSampled :
MW2RDL



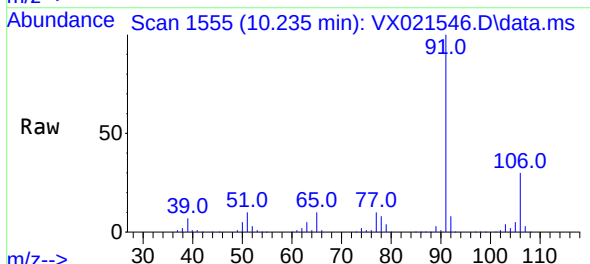
Tgt Ion:117 Resp: 116885
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 33.2 26.6 39.8

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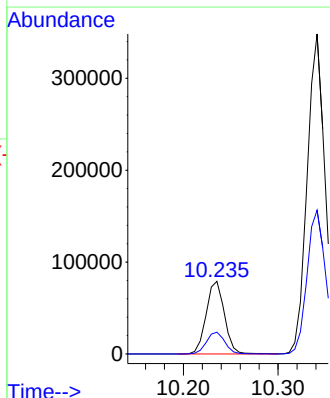
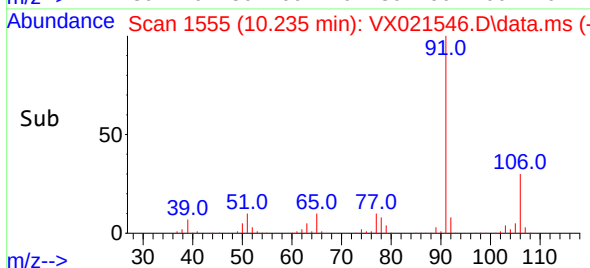
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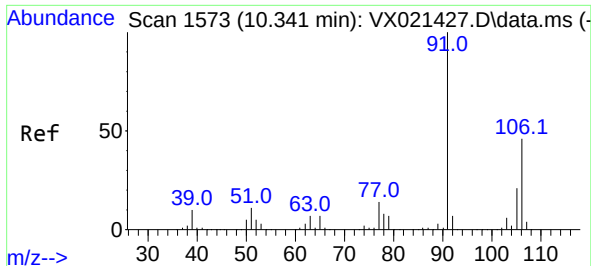


#67
Ethyl Benzene
Concen: 24.67 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25



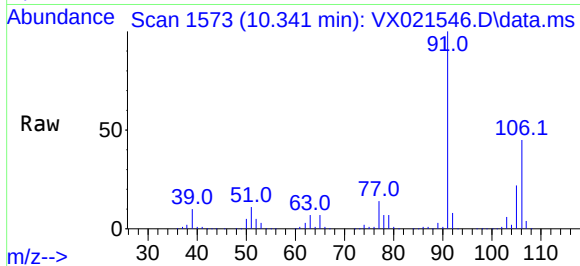
Tgt Ion: 91 Resp: 105600
Ion Ratio Lower Upper
91 100
106 30.0 24.6 37.0





#68
m/p-Xylenes
Concen: 140.55 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

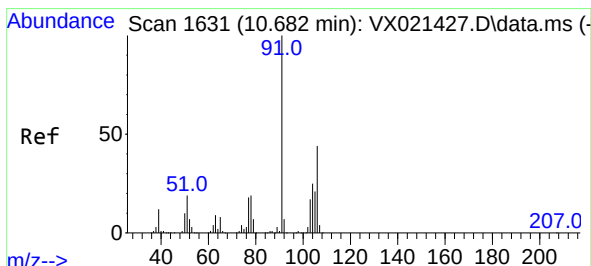
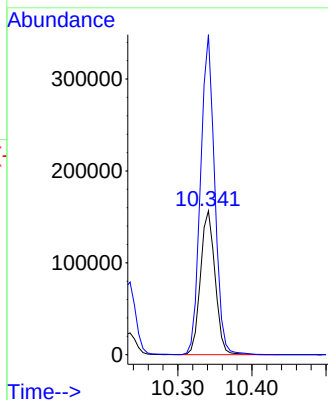
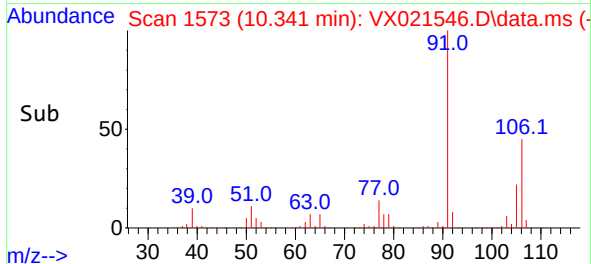
Instrument :
MSVOA_X
ClientSampled :
MW2RDL



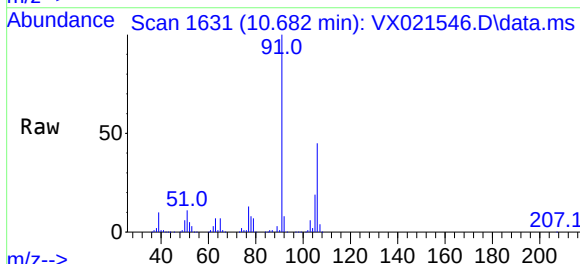
Tgt Ion:106 Resp: 214318
Ion Ratio Lower Upper
106 100
91 215.6 162.8 244.2

Manual Integrations
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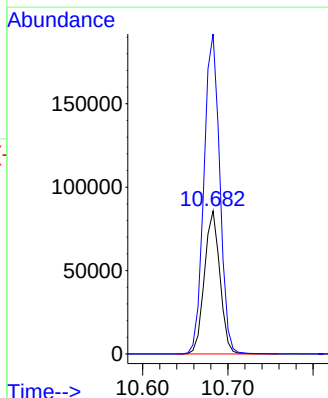
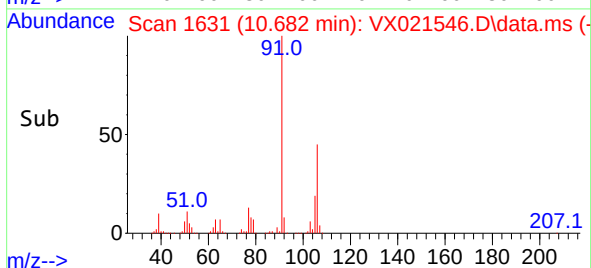
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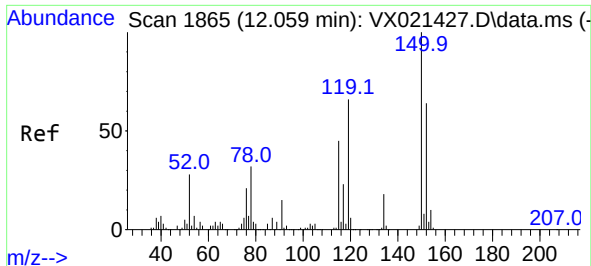


#69
o-Xylene
Concen: 73.29 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

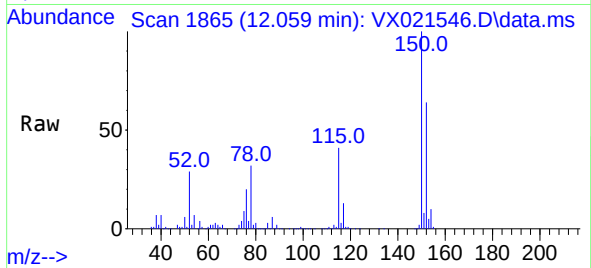


Tgt Ion:106 Resp: 108239
Ion Ratio Lower Upper
106 100
91 229.0 108.1 324.2

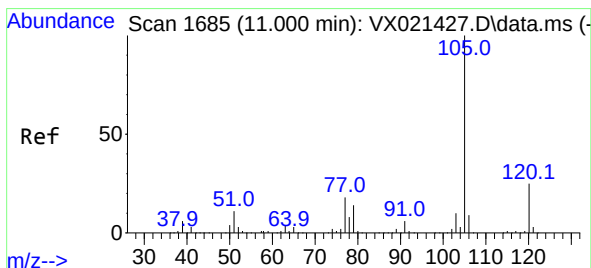
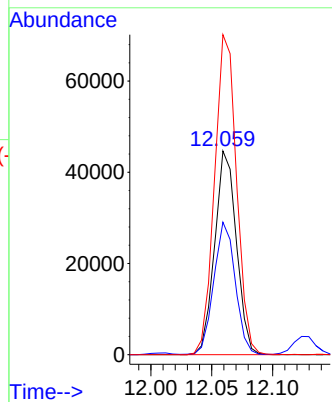
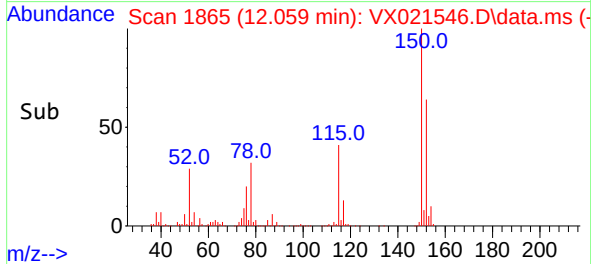




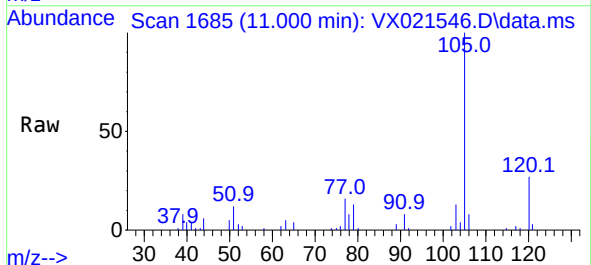
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25



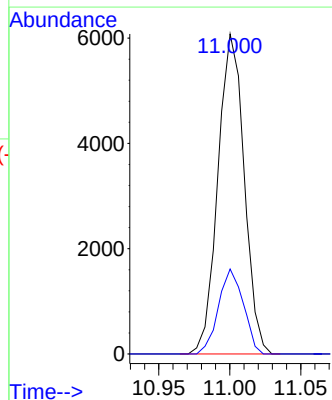
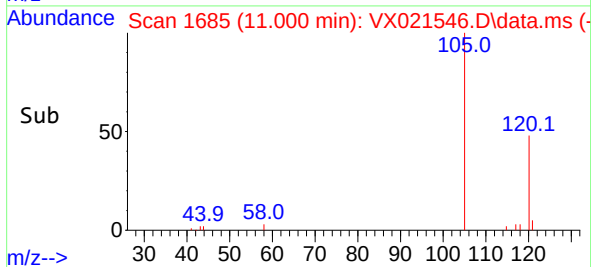
Tgt Ion:152 Resp: 55432
Ion Ratio Lower Upper
152 100
115 64.1 41.1 123.3
150 159.1 0.0 349.0



#73
Isopropylbenzene
Concen: 2.01 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25



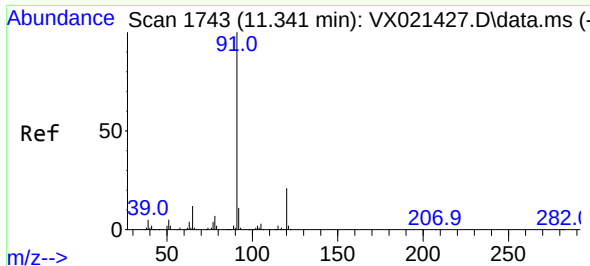
Tgt Ion:105 Resp: 7821
Ion Ratio Lower Upper
105 100
120 25.1 13.2 39.6



Instrument :
MSVOA_X
ClientSampled :
MW2RDL

Manual Integrations
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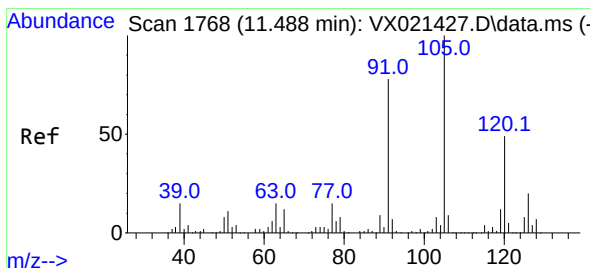
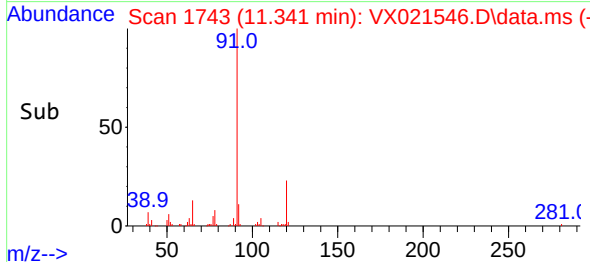
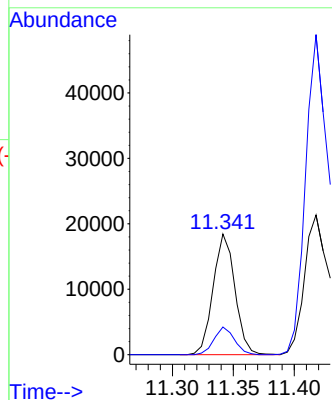
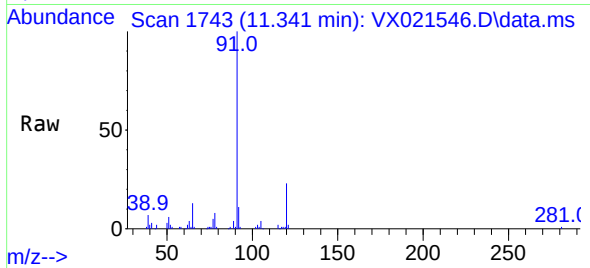
#78
n-propylbenzene
Concen: 5.00 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

Tgt Ion: 91 Resp: 22995
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.5

Instrument :
MSVOA_X
ClientSampled :
MW2RDL

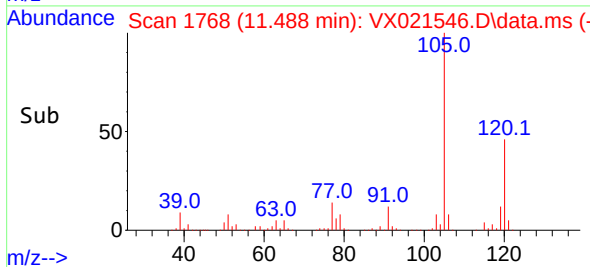
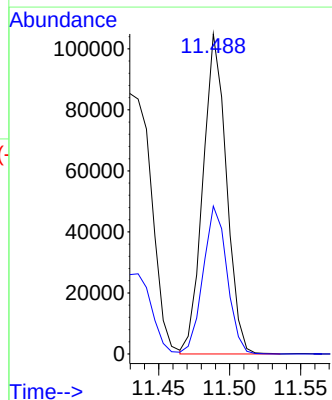
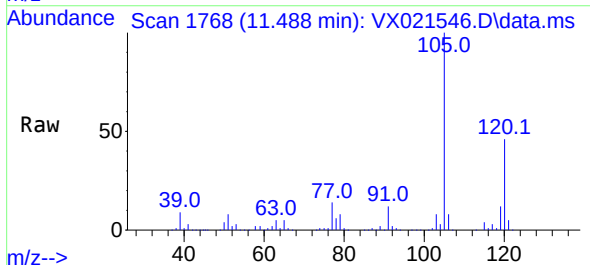
Manual Integrations
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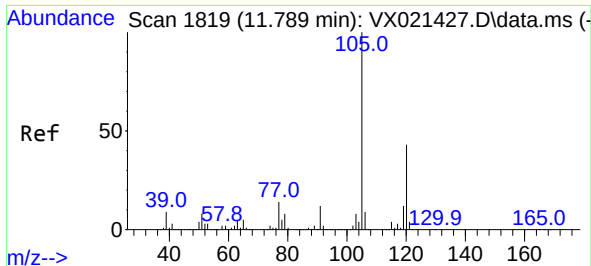
SAM
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#80
1,3,5-Trimethylbenzene
Concen: 36.27 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

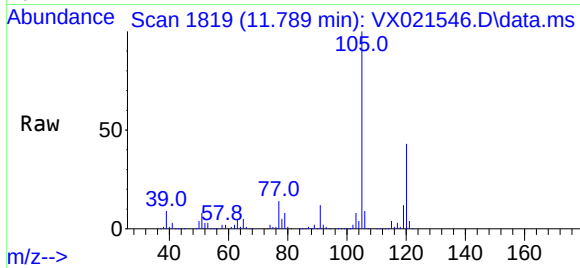
Tgt Ion: 105 Resp: 120690
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.5





#84
1,2,4-Trimethylbenzene
Concen: 117.63 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

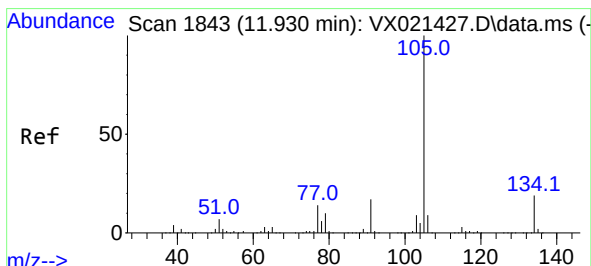
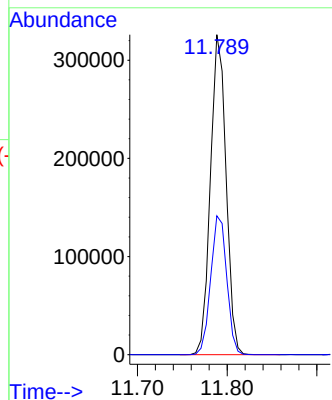
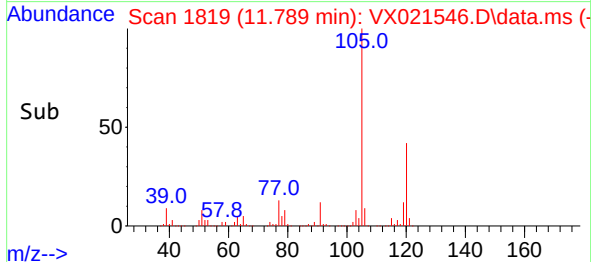
Instrument :
MSVOA_X
ClientSampleId :
MW2RDL



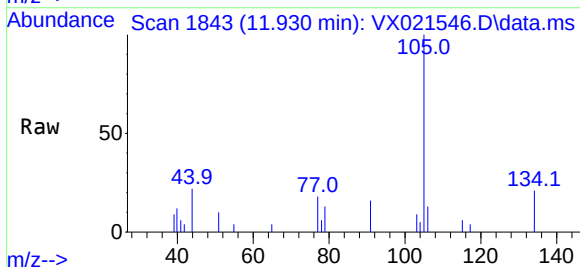
Tgt Ion:105 Resp: 394547
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3

Manual Integrations
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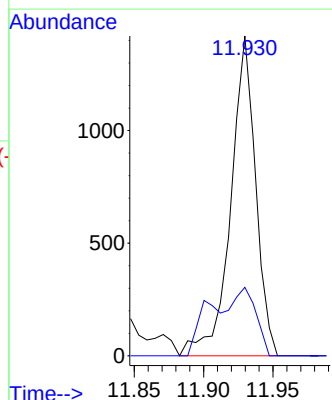
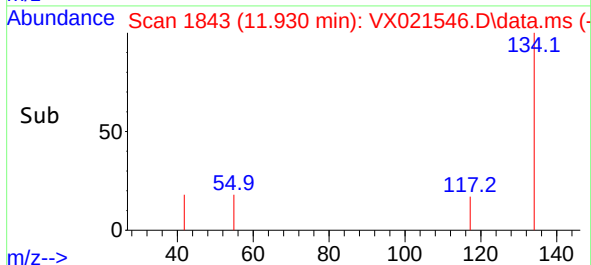
SAM
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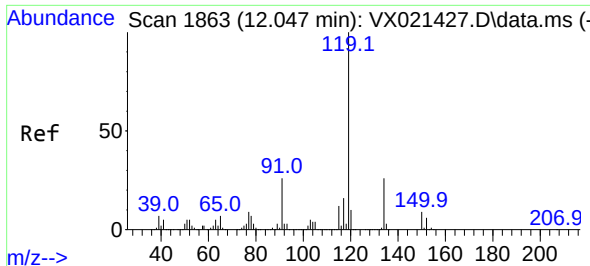


#85
sec-Butylbenzene
Concen: 0.48 ug/l m
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25



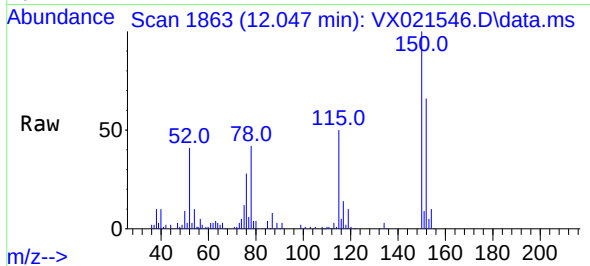
Tgt Ion:105 Resp: 1776
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





#86
p-Isopropyltoluene
Concen: 0.49 ug/l m
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25

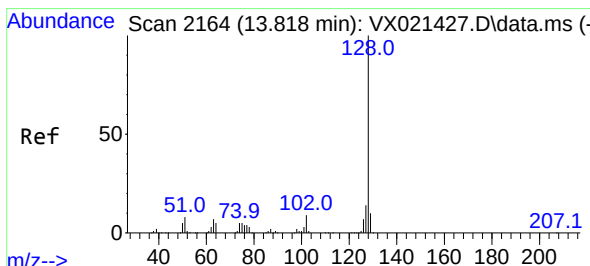
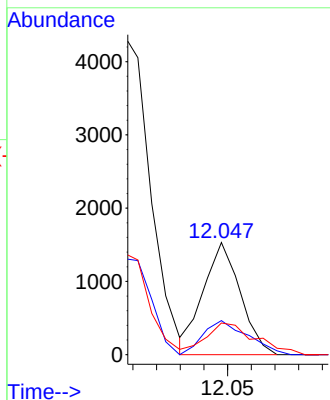
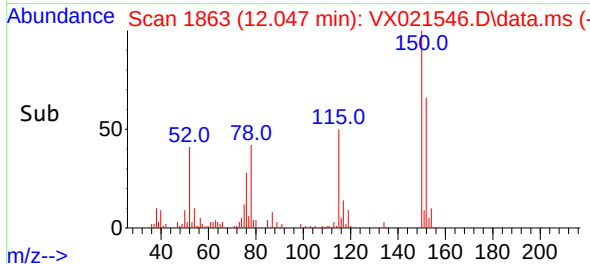
Instrument :
MSVOA_X
ClientSampled :
MW2RDL



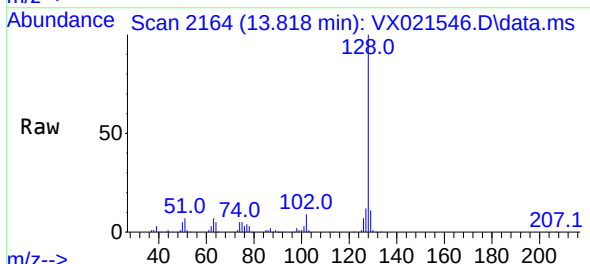
Tgt Ion:119 Resp: 1669
Ion Ratio Lower Upper
119 100
134 92.5 12.9 38.7#
91 104.0 11.7 35.0#

Manual Integrations
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SAM
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#95
Naphthalene
Concen: 15.59 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021546.D
Acq: 26 Mar 2021 22:25



Tgt Ion:128 Resp: 56345
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 11.5 8.8 13.2

