

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021571.D
 Acq On : 29 Mar 2021 12:55
 Operator : JC/MD
 Sample : M1785-10 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

MMDadoda
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Quant Time: Mar 30 03:26:17 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	58534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	105367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	106458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	49320	50.64	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.28%
35) Dibromofluoromethane	5.458	113	37501	50.10	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.20%
50) Toluene-d8	8.694	98	133624	50.10	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.20%
62) 4-Bromofluorobenzene	11.118	95	54349	52.41	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.82%
Target Compounds						
44) Trichloroethene	7.188	130	993	1.28	ug/l	87
67) Ethyl Benzene	10.235	91	5238	1.34	ug/l	91
68) m/p-Xylenes	10.341	106	2963	2.13	ug/l	92
73) Isopropylbenzene	11.000	105	102371	30.22	ug/l	99
78) n-propylbenzene	11.341	91	200026	50.00	ug/l	97
83) tert-Butylbenzene	11.753	119	10295	3.65	ug/l	81
84) 1,2,4-Trimethylbenzene	11.789	105	235955	80.88	ug/l	98
85) sec-Butylbenzene	11.930	105	43181	13.29	ug/l	98
89) n-Butylbenzene	12.371	91	16860	6.22	ug/l #	81
95) Naphthalene	13.812	128	10784	3.43	ug/l	99

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

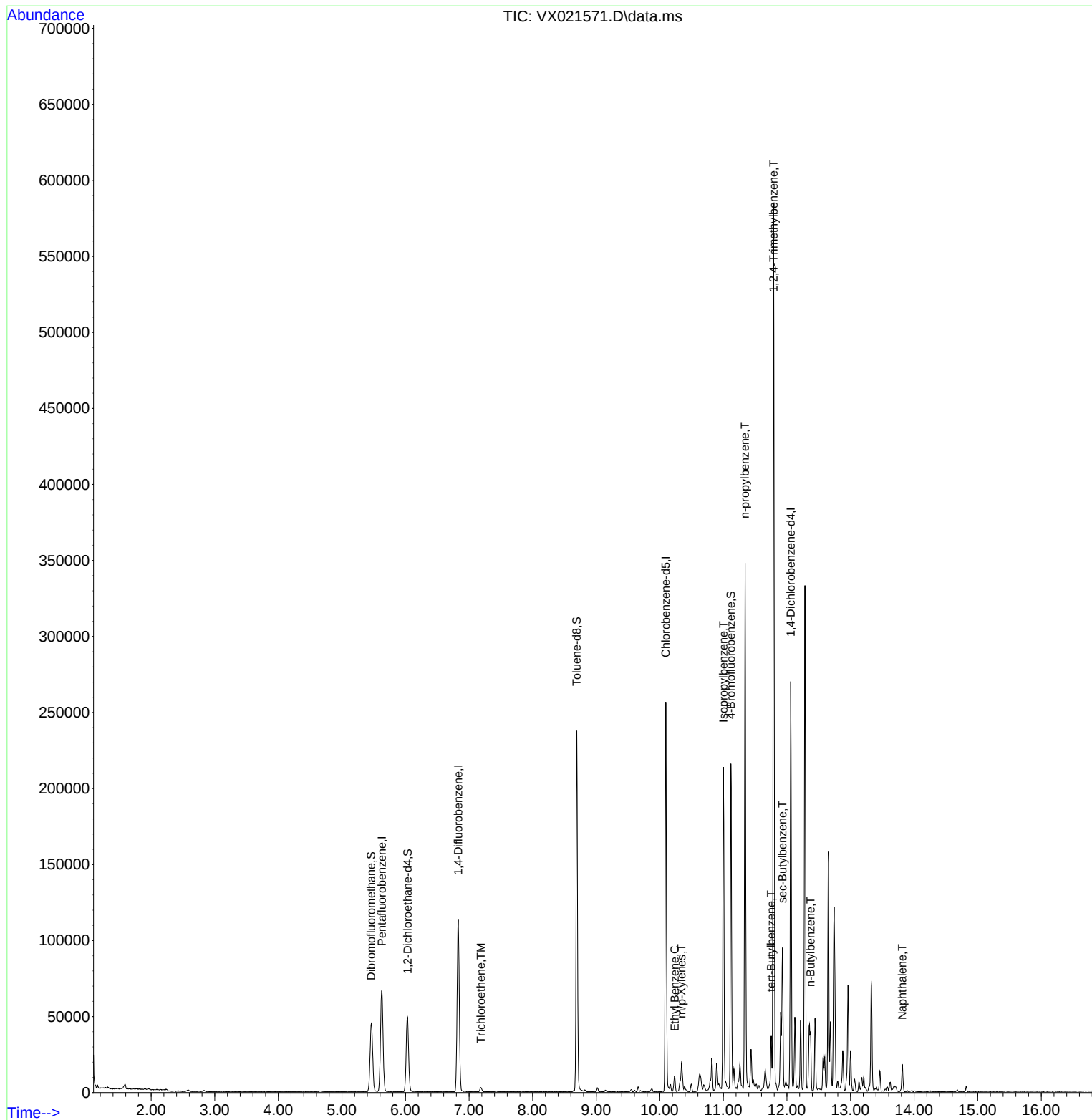
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021571.D
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Operator : JC/MD
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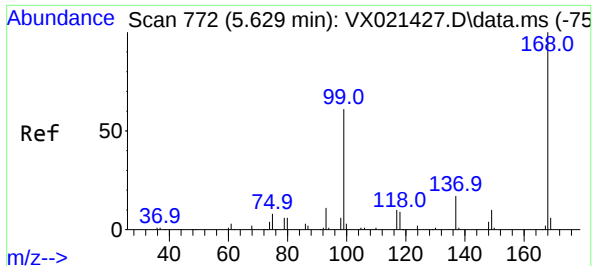
Instrument :
MSVOA_X
ClientSampleId :
MW-1

Manual Integrations
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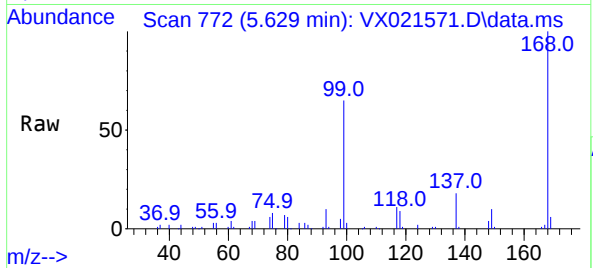
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Quant Time: Mar 30 03:26:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
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Response via : Initial Calibration

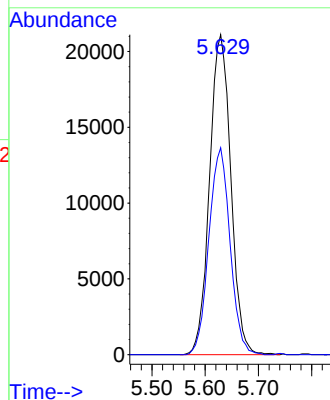
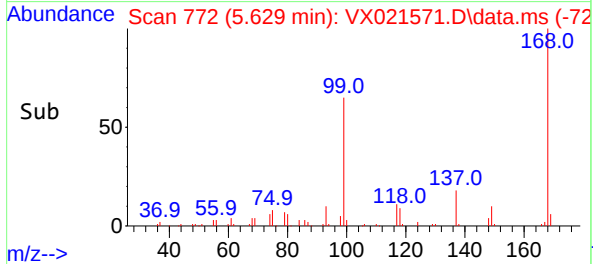




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55



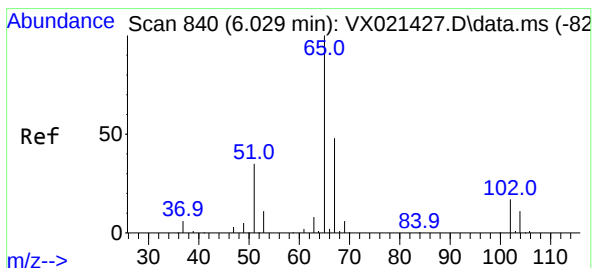
Tgt Ion:168 Resp: 58534
Ion Ratio Lower Upper
168 100
99 64.7 45.8 68.6



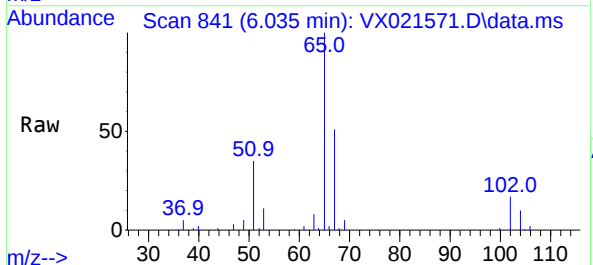
Instrument :
MSVOA_X
ClientSampleId :
MW-1

Manual Integrations
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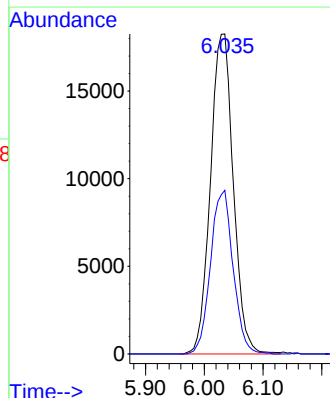
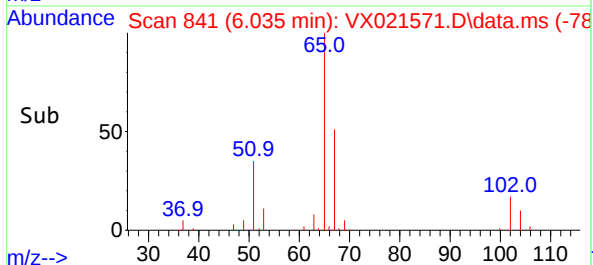
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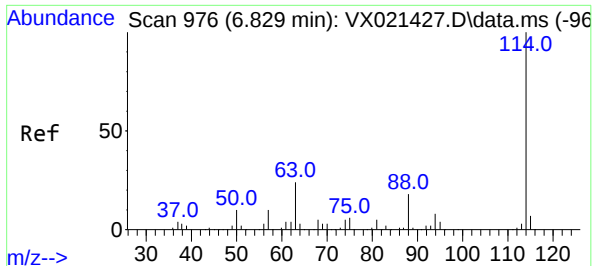


#33
1,2-Dichloroethane-d4
Concen: 50.64 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55

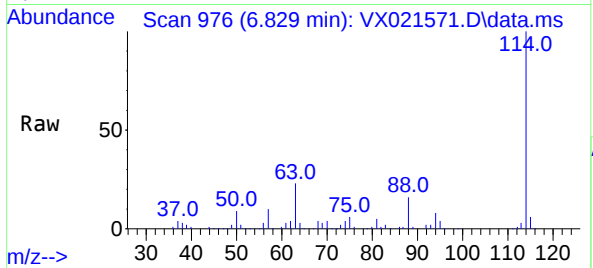


Tgt Ion: 65 Resp: 49320
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

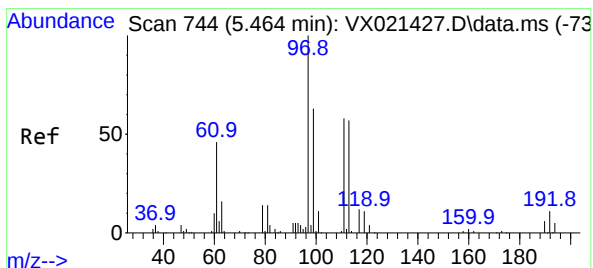
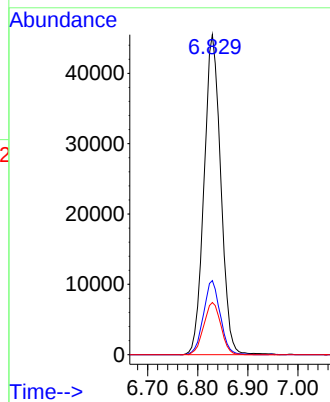
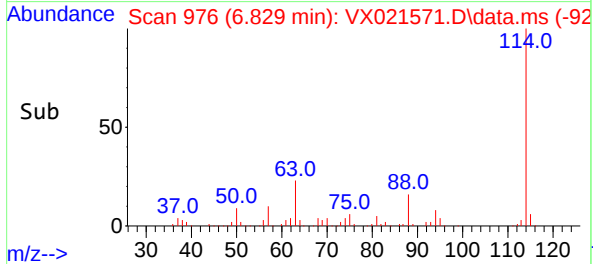




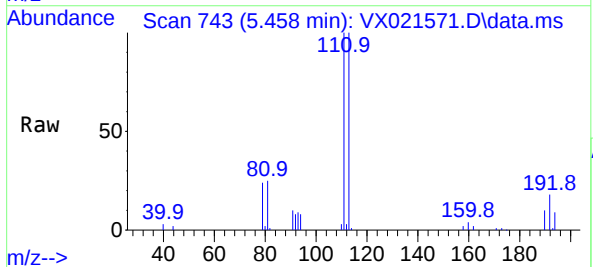
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55



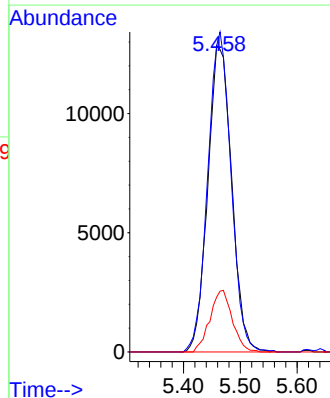
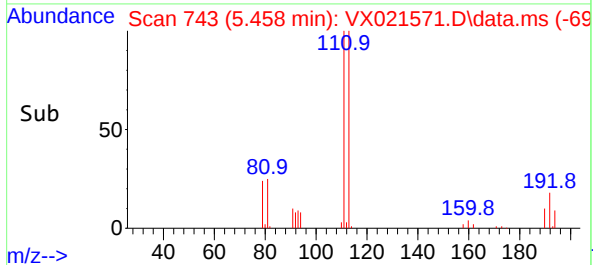
Tgt Ion:114 Resp: 105367
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.10 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55



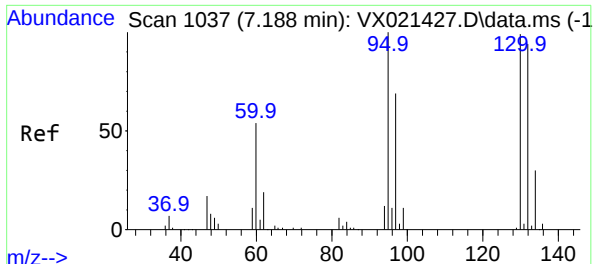
Tgt Ion:113 Resp: 37501
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 18.8 16.7 25.1



Instrument :
MSVOA_X
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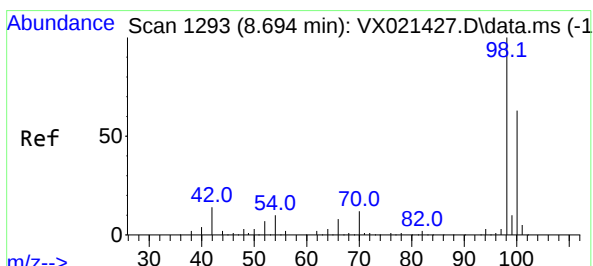
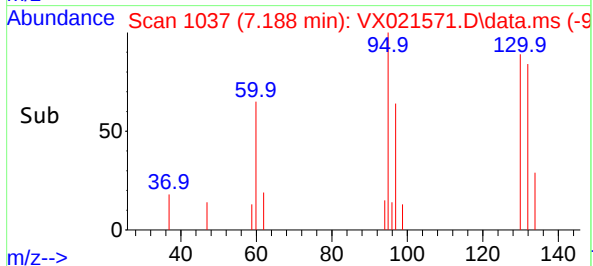
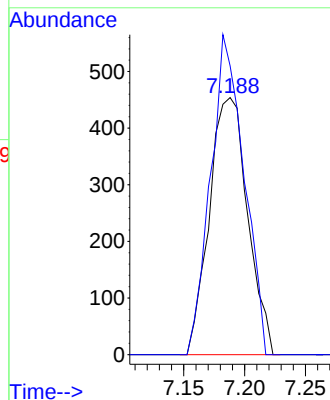
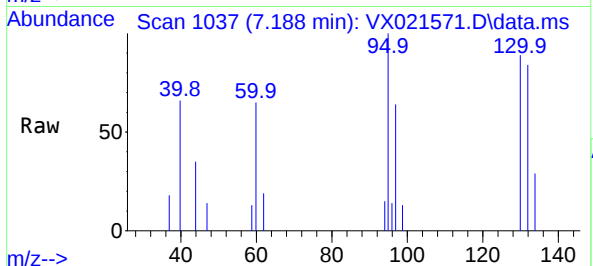
#44
Trichloroethene
Concen: 1.28 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55

Tgt Ion:130 Resp: 993
Ion Ratio Lower Upper
130 100
95 112.3 0.0 198.0

Instrument :
MSVOA_X
ClientSampled :
MW-1

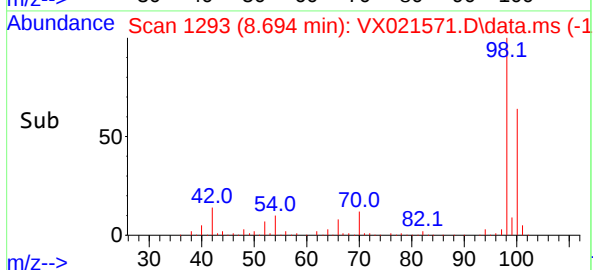
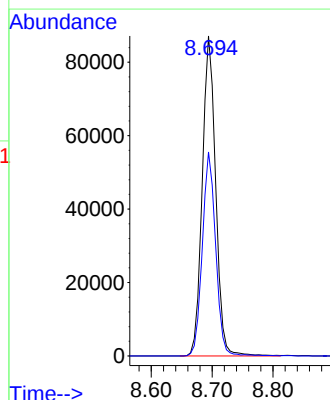
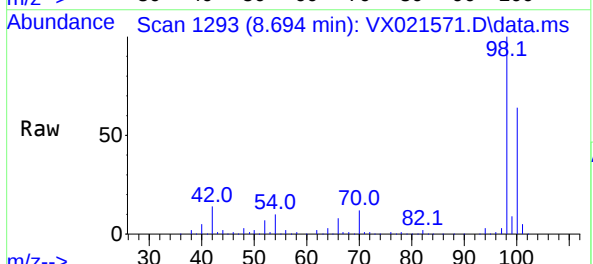
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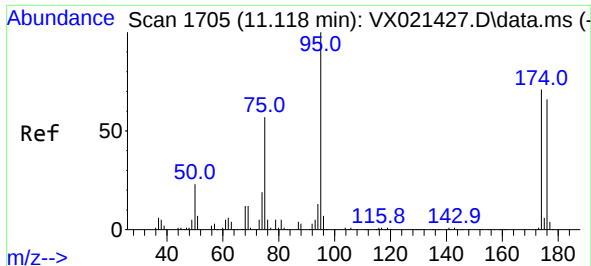
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#50
Toluene-d8
Concen: 50.10 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55

Tgt Ion: 98 Resp: 133624
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9





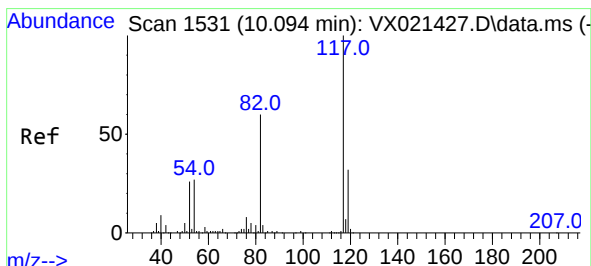
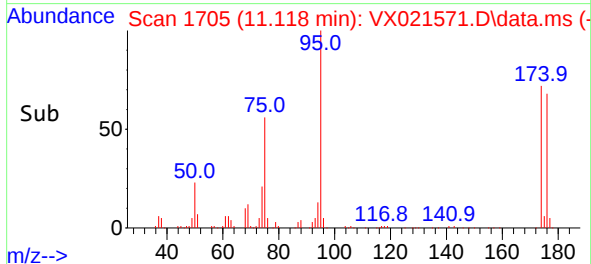
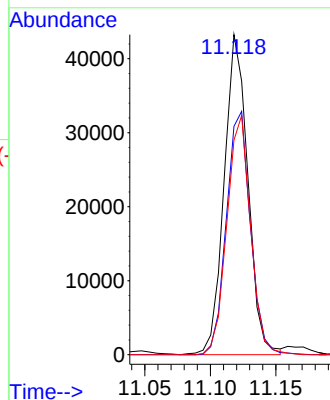
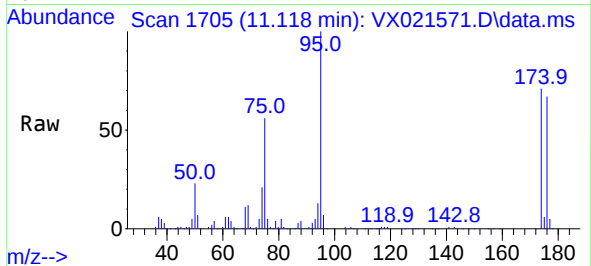
#62
4-Bromofluorobenzene
Concen: 52.41 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55

Tgt Ion: 95 Resp: 54349
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 74.5 0.0 155.8

Instrument :
MSVOA_X
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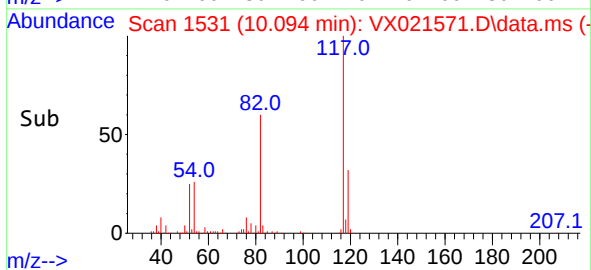
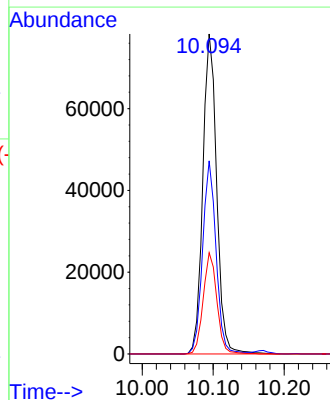
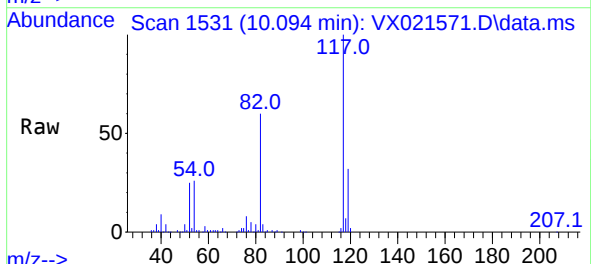
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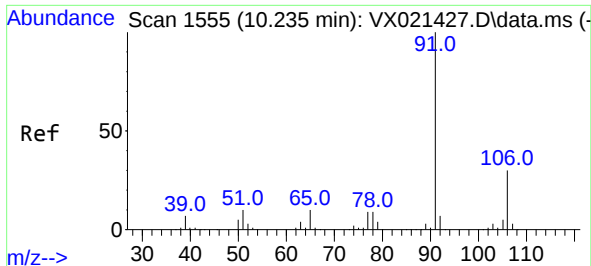
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55

Tgt Ion: 117 Resp: 106458
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.6 26.6 39.8





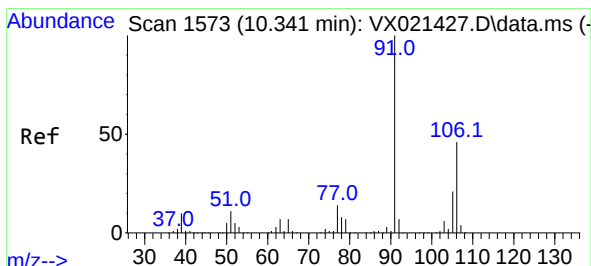
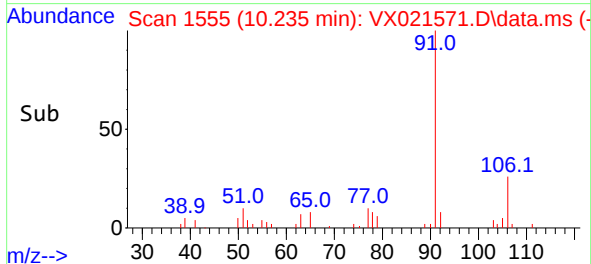
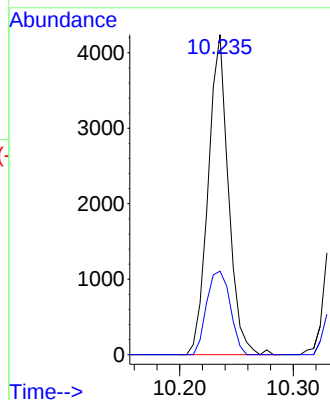
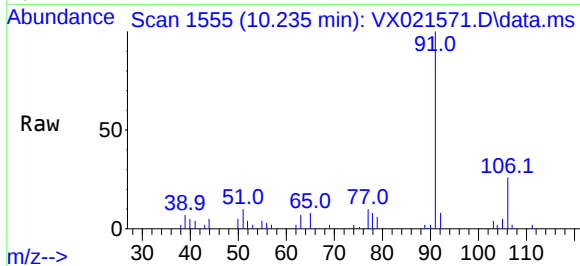
#67
Ethyl Benzene
Concen: 1.34 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tgt Ion: 91 Resp: 5238
Ion Ratio Lower Upper
91 100
106 26.1 24.6 37.0

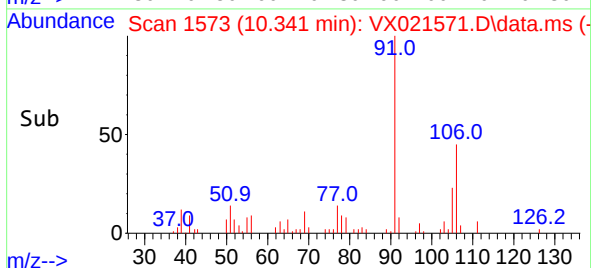
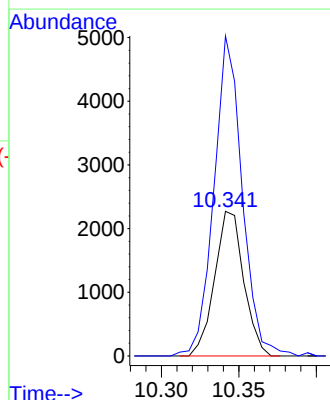
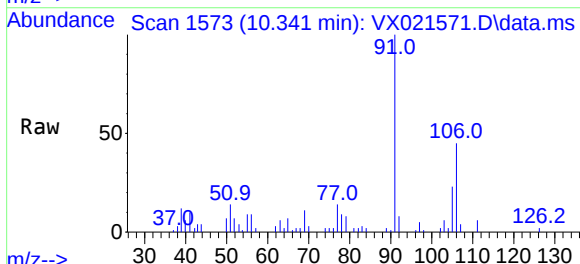
Manual Integrations
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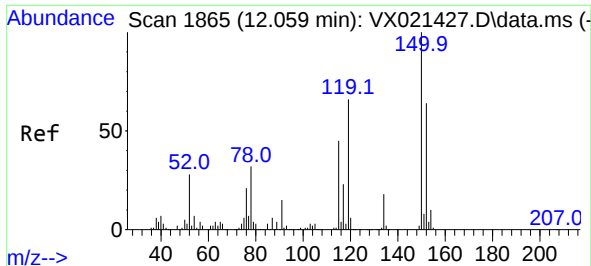
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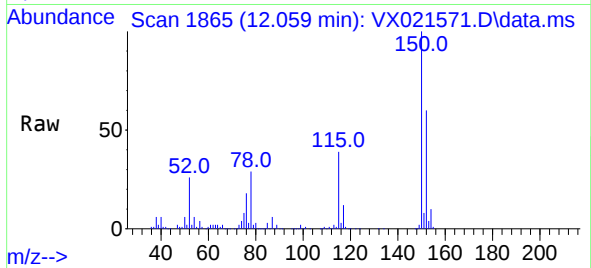
#68
m/p-Xylenes
Concen: 2.13 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55

Tgt Ion: 106 Resp: 2963
Ion Ratio Lower Upper
106 100
91 215.0 162.8 244.2

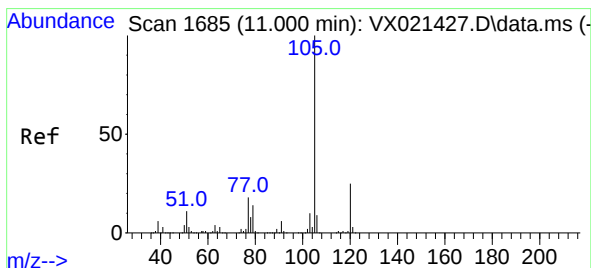
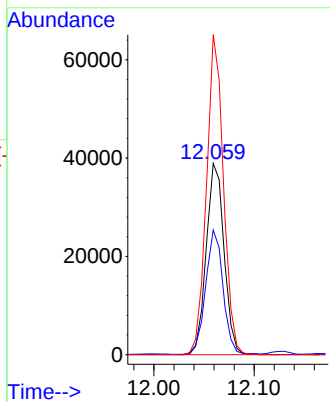
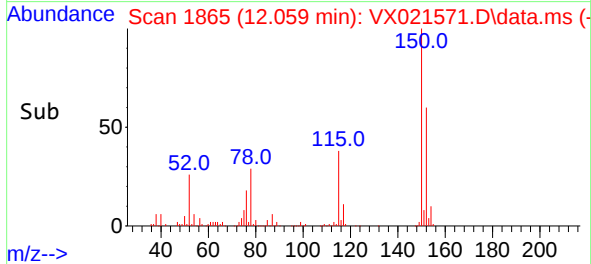




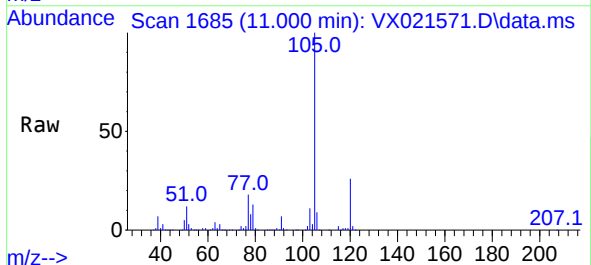
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55



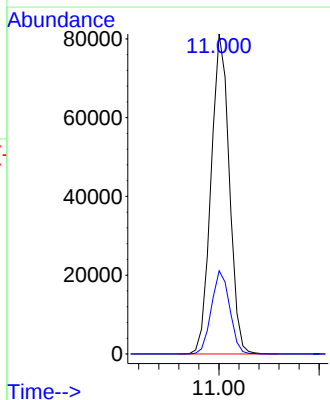
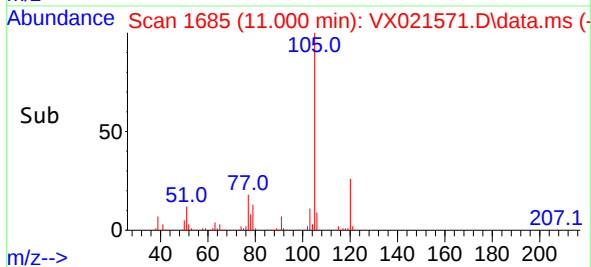
Tgt Ion:152 Resp: 48214
Ion Ratio Lower Upper
152 100
115 63.5 41.1 123.3
150 158.5 0.0 349.0



#73
Isopropylbenzene
Concen: 30.22 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55



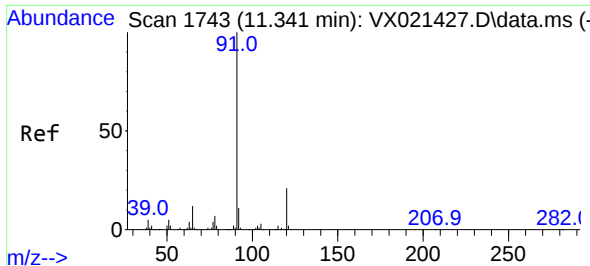
Tgt Ion:105 Resp: 102371
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6



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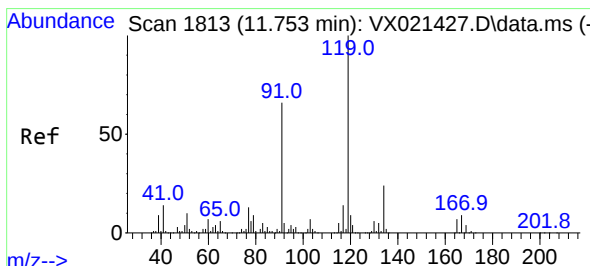
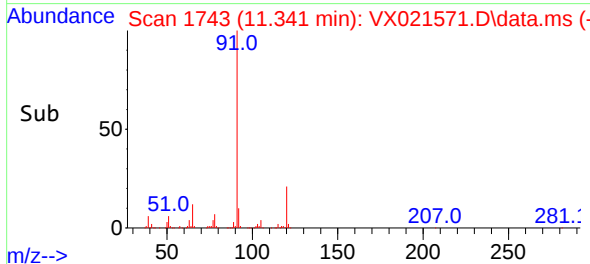
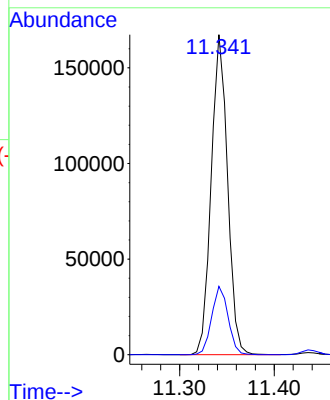
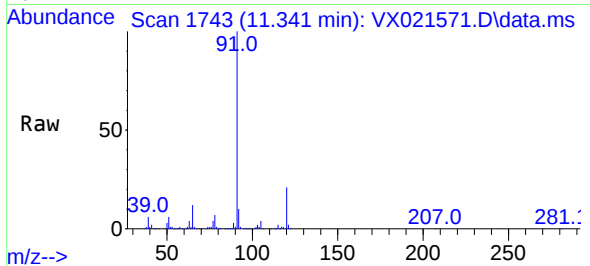
#78
n-propylbenzene
Concen: 50.00 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55

Tgt Ion: 91 Resp: 200026
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.5

Instrument :
MSVOA_X
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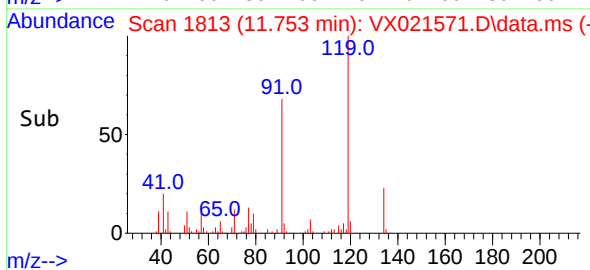
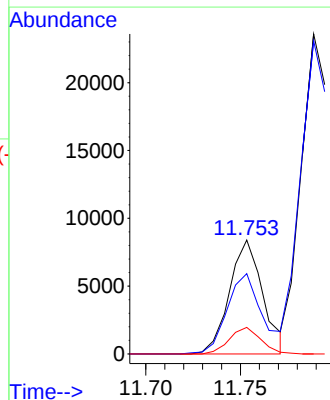
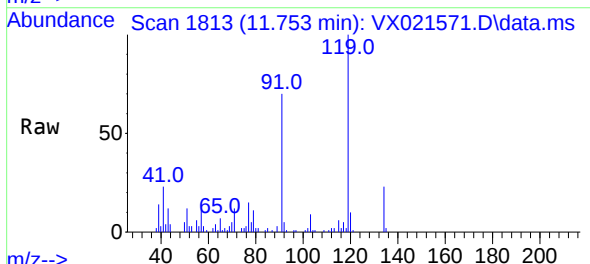
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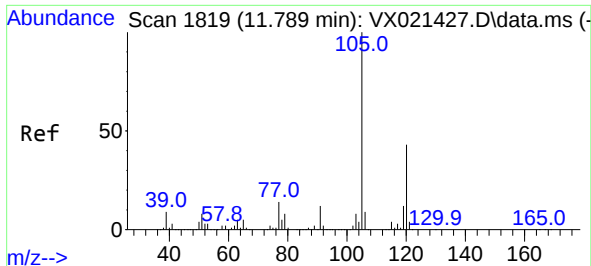
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#83
tert-Butylbenzene
Concen: 3.65 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55

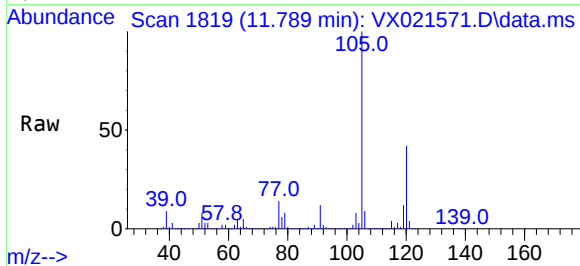
Tgt Ion: 119 Resp: 10295
Ion Ratio Lower Upper
119 100
91 74.4 27.9 83.7
134 22.0 11.3 33.9





#84
1,2,4-Trimethylbenzene
Concen: 80.88 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55

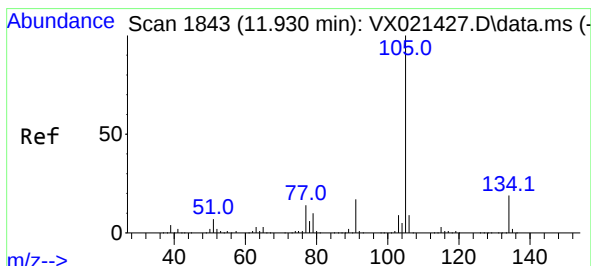
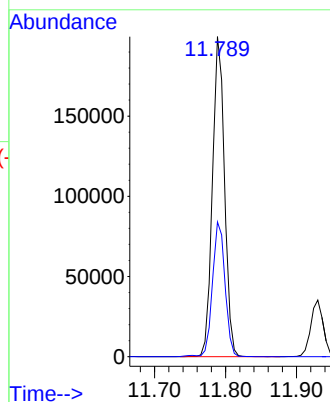
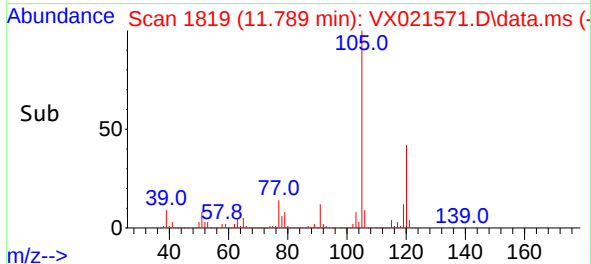
Instrument :
MSVOA_X
ClientSampled :
MW-1



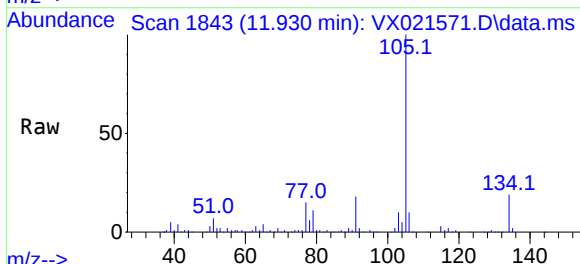
Tgt Ion:105 Resp: 235955
Ion Ratio Lower Upper
105 100
120 43.7 22.4 67.3

Manual Integrations
APPROVED

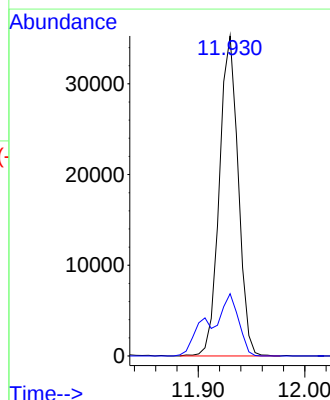
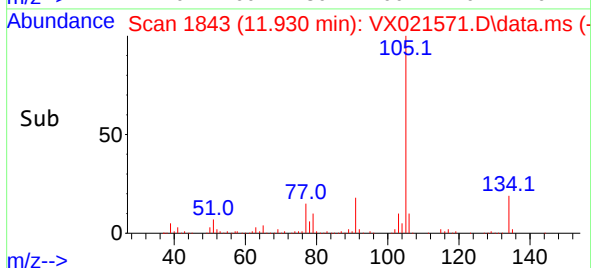
MMDadoda
3/31/2021 12:06:39 PM

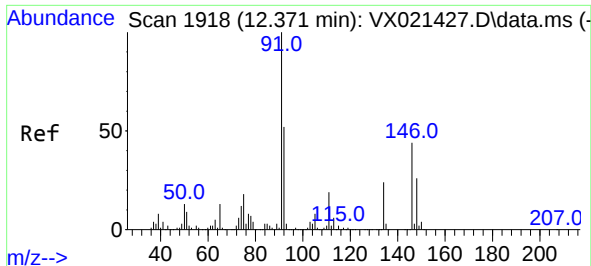


#85
sec-Butylbenzene
Concen: 13.29 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55



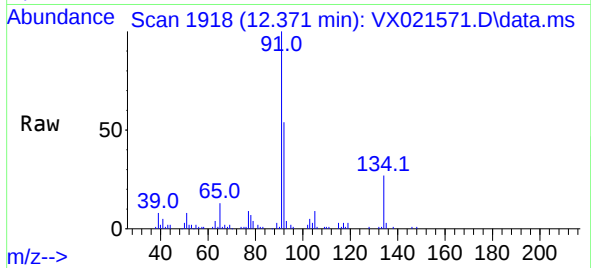
Tgt Ion:105 Resp: 43181
Ion Ratio Lower Upper
105 100
134 19.2 10.0 29.8





#89
n-Butylbenzene
Concen: 6.22 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55

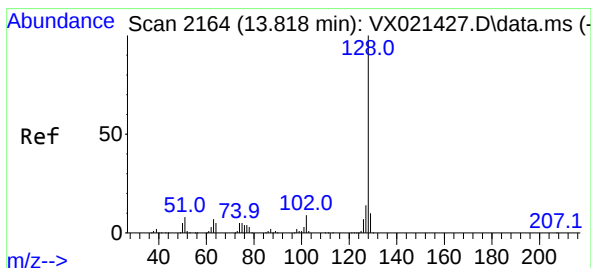
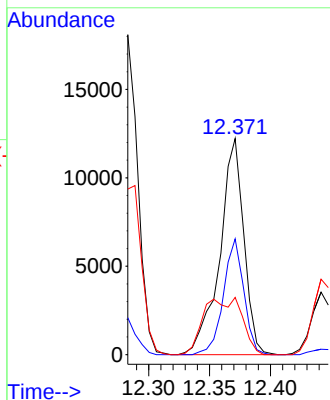
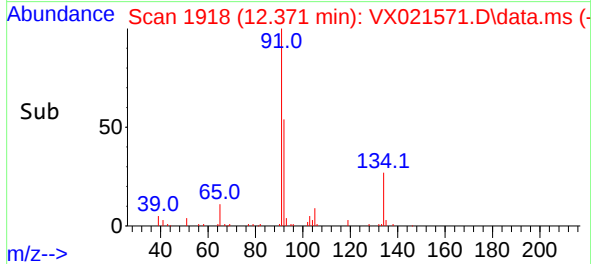
Instrument :
MSVOA_X
ClientSampleId :
MW-1



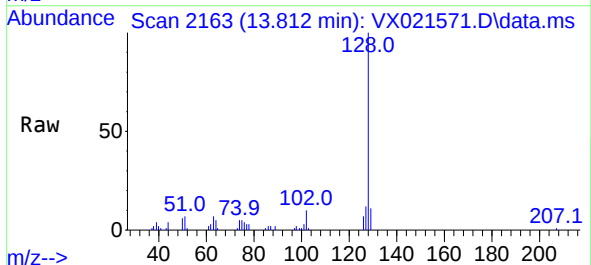
Tgt Ion: 91 Resp: 16860
Ion Ratio Lower Upper
91 100
92 45.3 27.4 82.0
134 42.1 13.2 39.5#

Manual Integrations
APPROVED

MMDadoda
3/31/2021 12:06:39 PM



#95
Naphthalene
Concen: 3.43 ug/l
RT: 13.812 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VX021571.D
Acq: 29 Mar 2021 12:55



Tgt Ion: 128 Resp: 10784
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.5 8.8 13.2

