

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021775.D
 Acq On : 20 Apr 2021 23:46
 Operator : JC/MD
 Sample : M2079-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:35:55 PM

Quant Time: Apr 21 11:27:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	168775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	275181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	242409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	115123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	92291	48.20	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.40%		
35) Dibromofluoromethane	5.465	113	86211	48.99	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.98%		
50) Toluene-d8	8.696	98	331364	48.97	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.94%		
62) 4-Bromofluorobenzene	11.122	95	116029	45.92	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.84%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.014	59	9676	23.08	ug/l #	73
16) Acetone	2.422	43	8146	12.38	ug/l	90
17) Carbon Disulfide	2.557	76	14585	3.28	ug/l	97
19) Methyl tert-butyl Ether	3.166	73	75145	13.99	ug/l #	34
25) 2-Butanone	4.635	43	5312	4.77	ug/l	93
31) Cyclohexane	5.550	56	82655	30.70	ug/l	95
39) Methylcyclohexane	7.440	83	133690	42.48	ug/l	97
40) Benzene	6.111	78	426014	58.79	ug/l	100
52) Toluene	8.763	92	506307	107.71	ug/l	100
67) Ethyl Benzene	10.244	91	12321341	1422.25	ug/l #	79
68) m/p-Xylenes	10.360	106	15019011	4480.75	ug/l #	59
69) o-Xylene	10.695	106	9612623	2974.41	ug/l	68
73) Isopropylbenzene	11.000	105	924458	114.45	ug/l	99
78) n-propylbenzene	11.342	91	2505792	280.50	ug/l	97
80) 1,3,5-Trimethylbenzene	11.494	105	4925292	719.98	ug/l	95
84) 1,2,4-Trimethylbenzene	11.799	105	15324755	2218.14	ug/l	76
86) p-Isopropyltoluene	12.049	119	97890m	13.16	ug/l	
95) Naphthalene	13.817	128	7942570	1023.45	ug/l	97

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

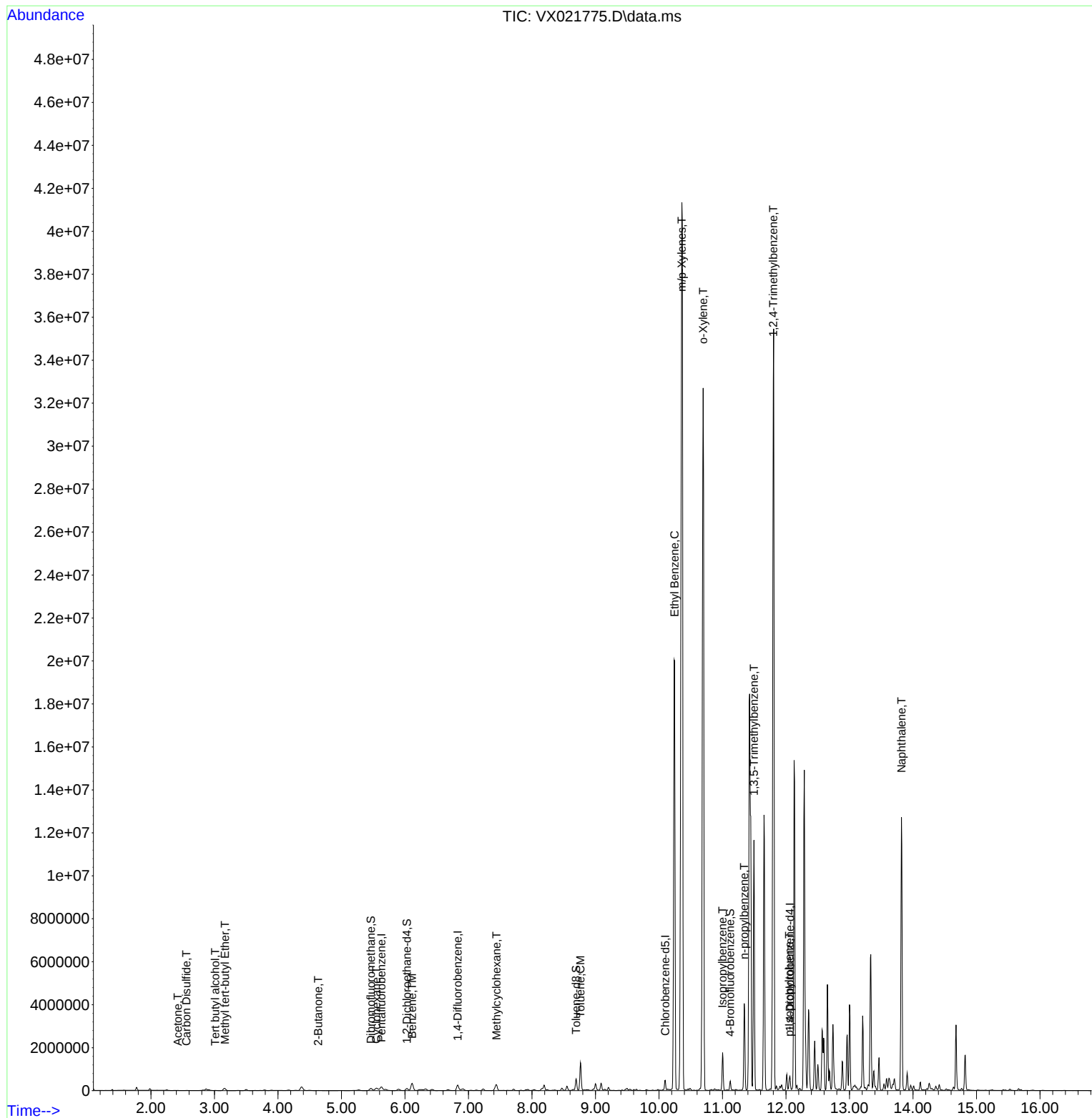
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
Data File : VX021775.D
Acq On : 20 Apr 2021 23:46
Operator : JC/MD
Sample : M2079-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

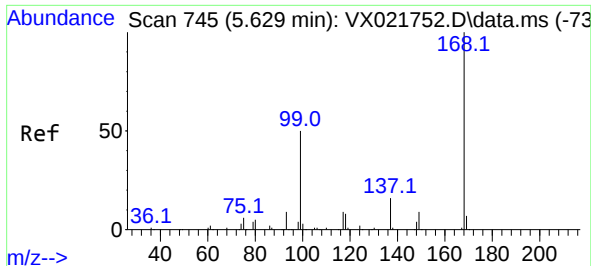
Instrument :
MSVOA_X
ClientSampleId :
MW-08

Manual Integrations
APPROVED

MMDadoda
4/21/2021 4:35:55 PM

Quant Time: Apr 21 11:27:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration





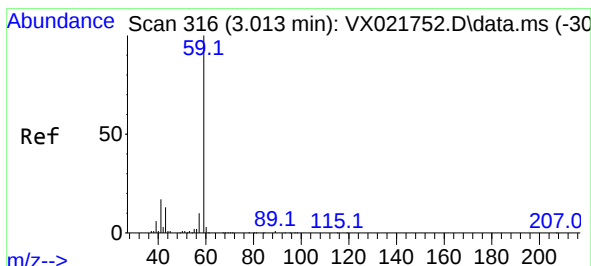
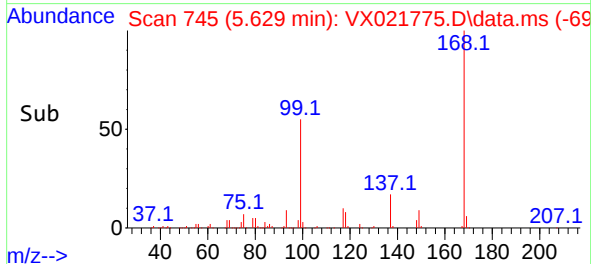
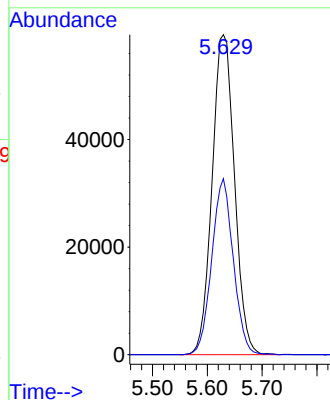
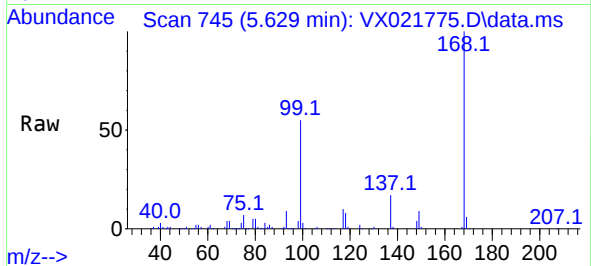
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 168 Resp: 168775
Ion Ratio Lower Upper
168 100
99 55.0 45.8 68.6

Instrument :
MSVOA_X
ClientSampled :
MW-08

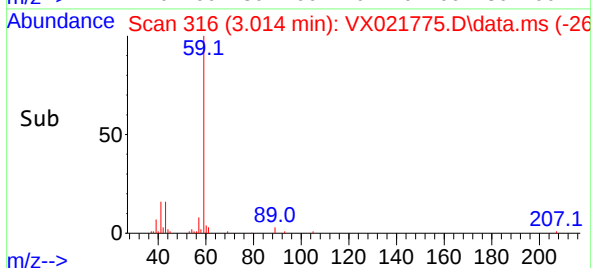
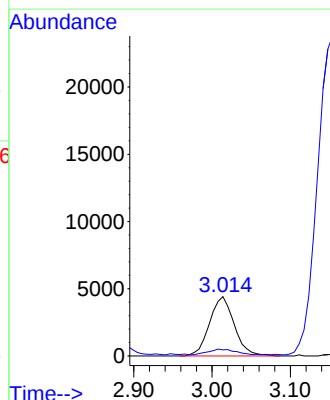
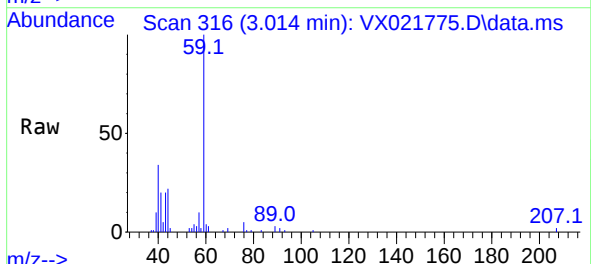
Manual Integrations
APPROVED

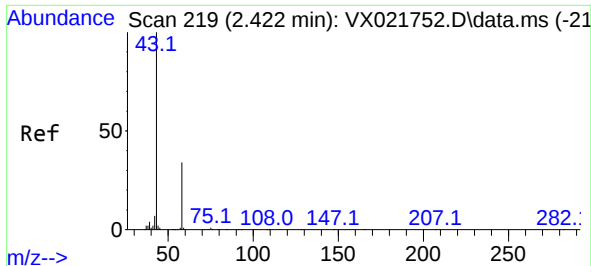
MMDadoda
4/21/2021 4:35:55 PM



#11
Tert butyl alcohol
Concen: 23.08 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.001 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 59 Resp: 9676
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





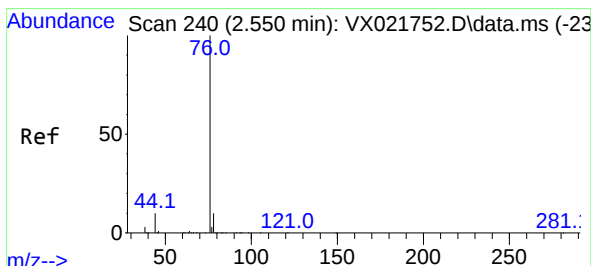
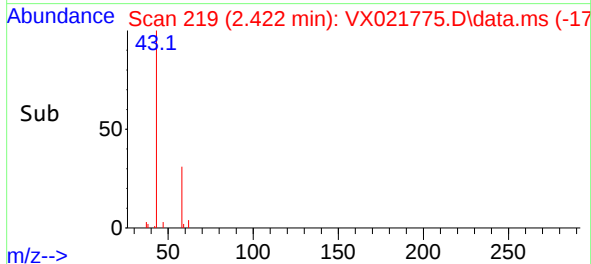
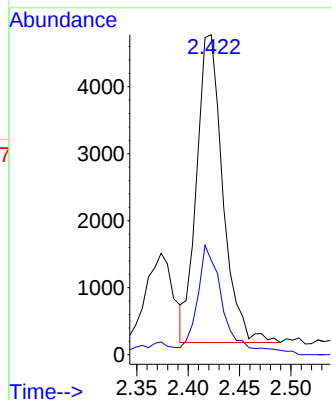
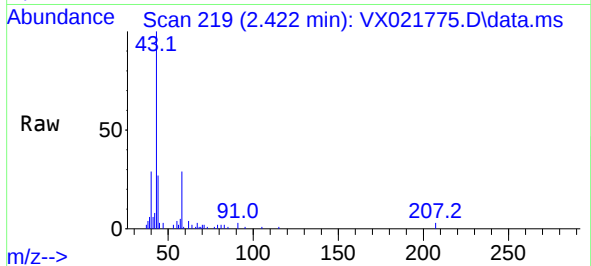
#16
Acetone
Concen: 12.38 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 43 Resp: 8146
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8

Instrument :
MSVOA_X
ClientSampleId :
MW-08

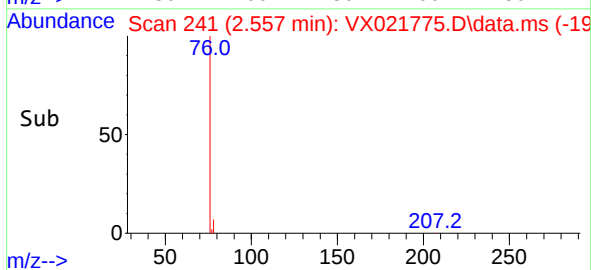
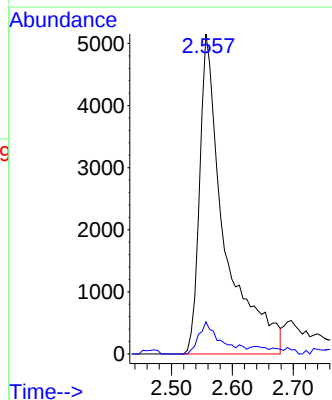
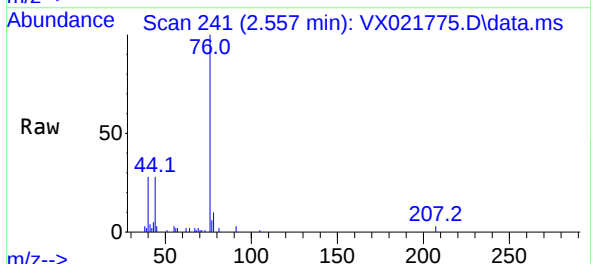
Manual Integrations
APPROVED

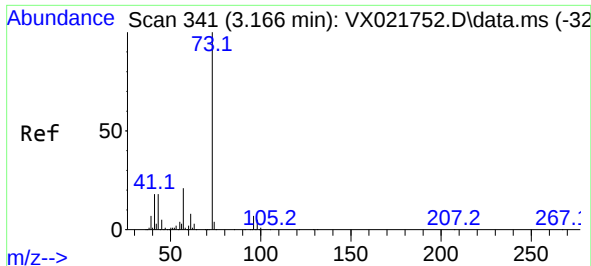
MMDadoda
4/21/2021 4:35:55 PM



#17
Carbon Disulfide
Concen: 3.28 ug/l
RT: 2.557 min Scan# 241
Delta R.T. 0.007 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 76 Resp: 14585
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8





#19

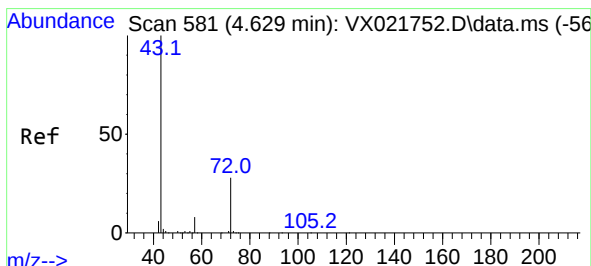
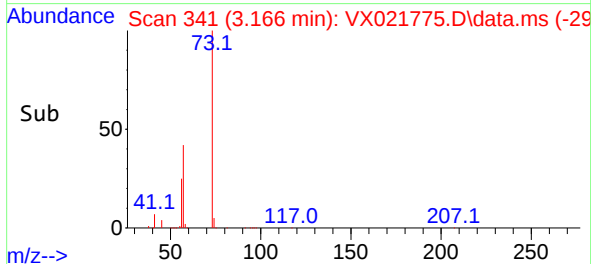
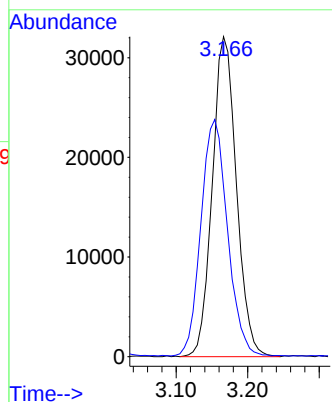
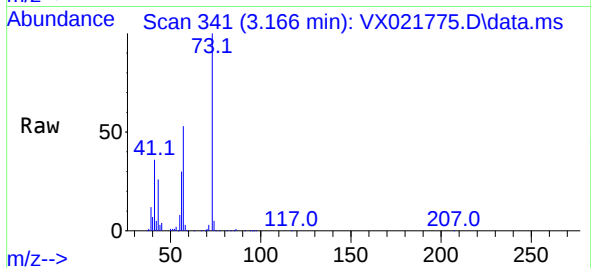
Methyl tert-butyl Ether
Concen: 13.99 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.000 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 73 Resp: 75145
Ion Ratio Lower Upper
73 100
57 52.7 17.1 25.7#

Instrument :
MSVOA_X
ClientSampled :
MW-08

Manual Integrations
APPROVED

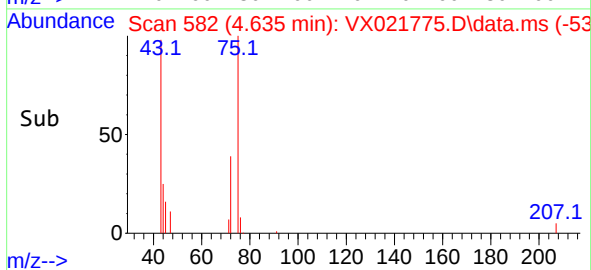
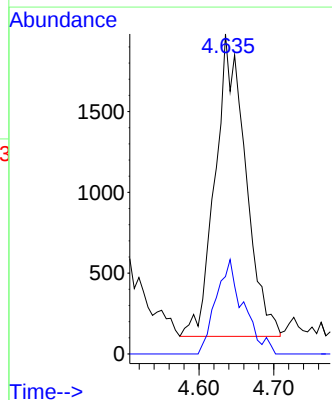
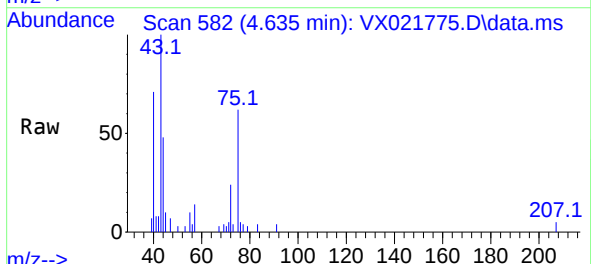
MMDadoda
4/21/2021 4:35:55 PM

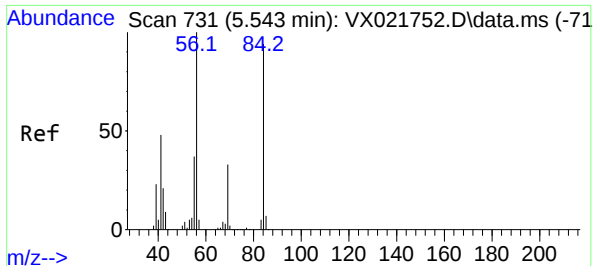


#25

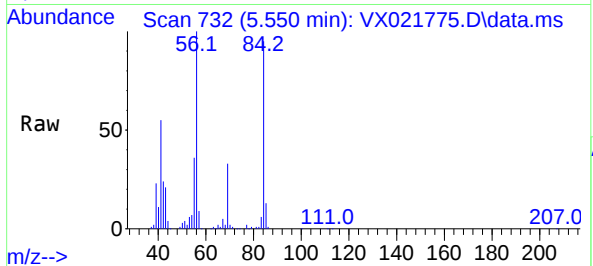
2-Butanone
Concen: 4.77 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.006 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 43 Resp: 5312
Ion Ratio Lower Upper
43 100
72 25.6 23.7 35.5

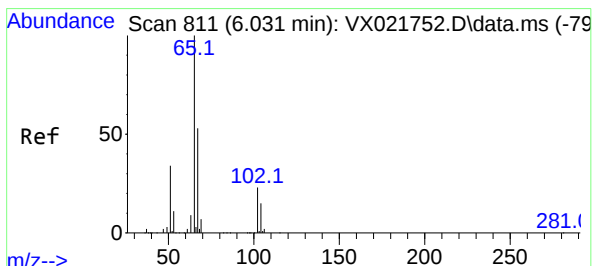
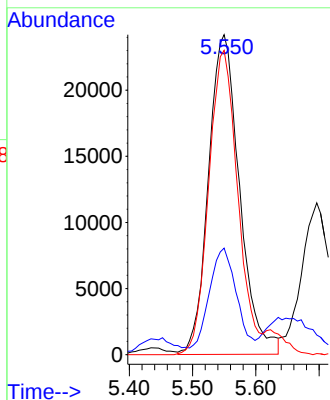
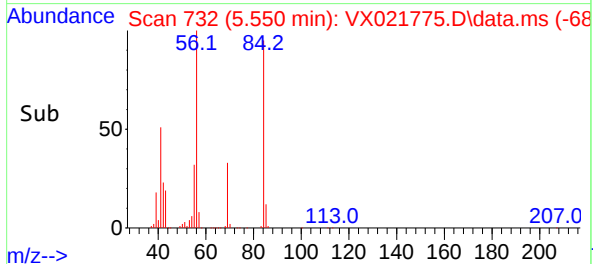




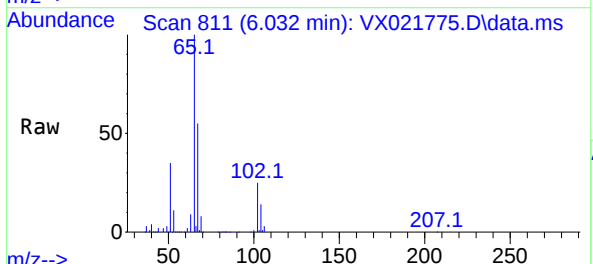
#31
Cyclohexane
Concen: 30.70 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.007 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46



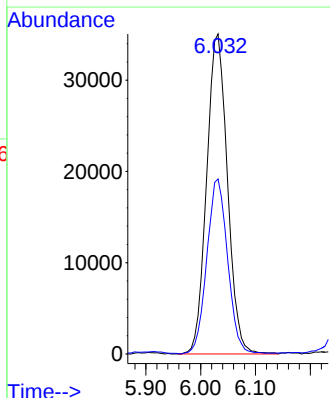
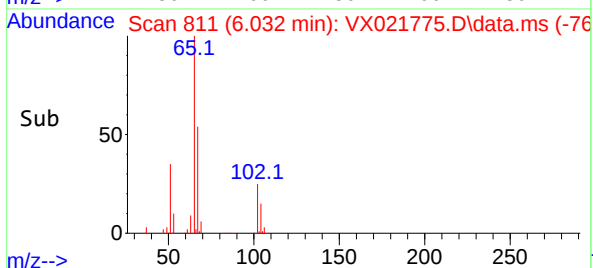
Tgt Ion: 56 Resp: 82655
Ion Ratio Lower Upper
56 100
69 30.7 25.3 37.9
84 95.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.20 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.001 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46



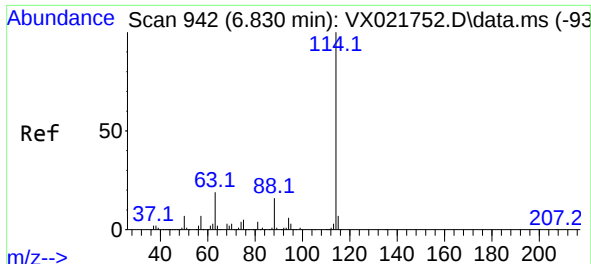
Tgt Ion: 65 Resp: 92291
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.4



Instrument :
MSVOA_X
ClientSampleId :
MW-08

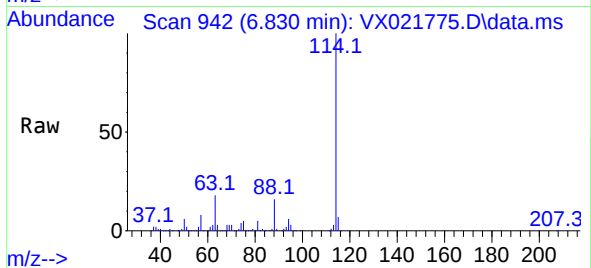
Manual Integrations
APPROVED

MMDadoda
4/21/2021 4:35:55 PM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

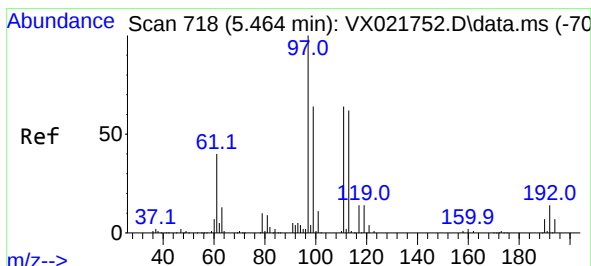
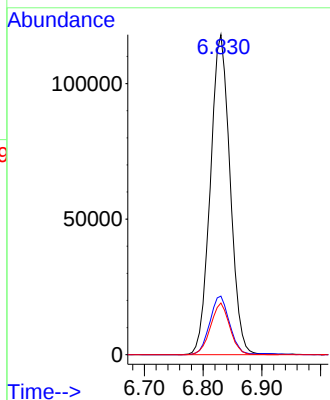
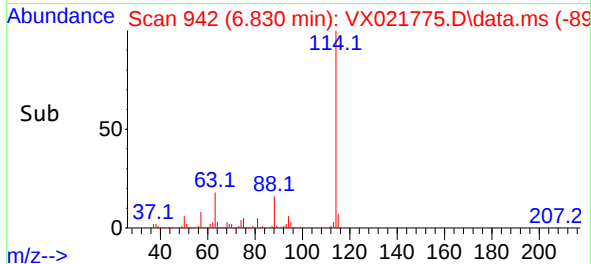
Instrument :
MSVOA_X
ClientSampled :
MW-08



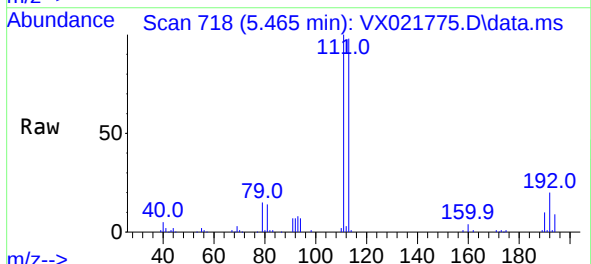
Tgt Ion:114 Resp: 275181
Ion Ratio Lower Upper
114 100
63 18.3 0.0 40.8
88 16.2 0.0 32.8

Manual Integrations
APPROVED

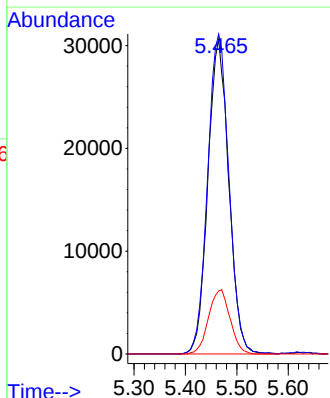
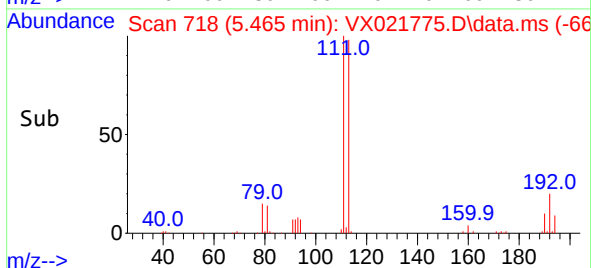
MMDadoda
4/21/2021 4:35:55 PM

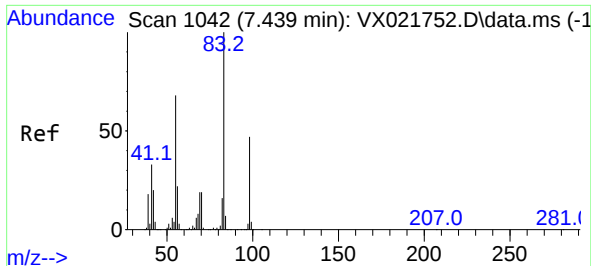


#35
Dibromofluoromethane
Concen: 48.99 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46



Tgt Ion:113 Resp: 86211
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 21.0 16.7 25.1





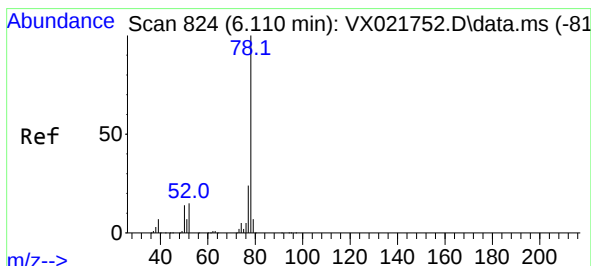
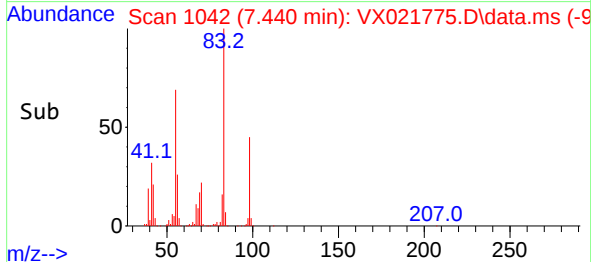
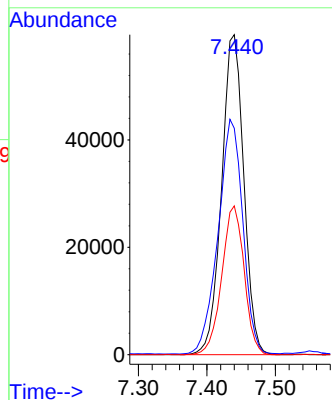
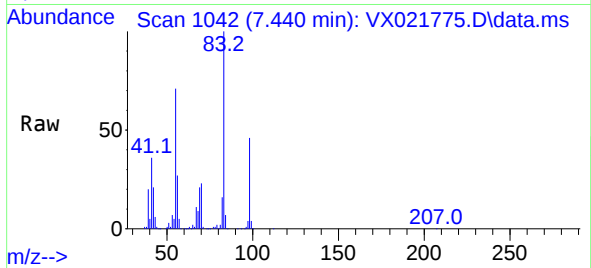
#39
Methylcyclohexane
Concen: 42.48 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.001 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 83 Resp: 133690
Ion Ratio Lower Upper
83 100
55 70.6 58.9 88.3
98 46.5 38.1 57.1

Instrument :
MSVOA_X
ClientSampled :
MW-08

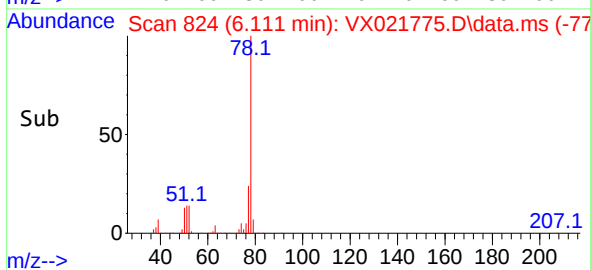
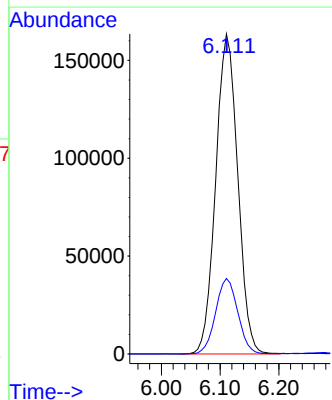
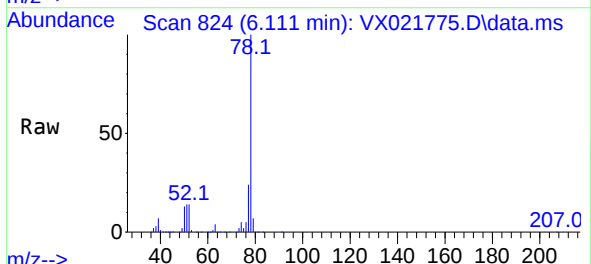
Manual Integrations
APPROVED

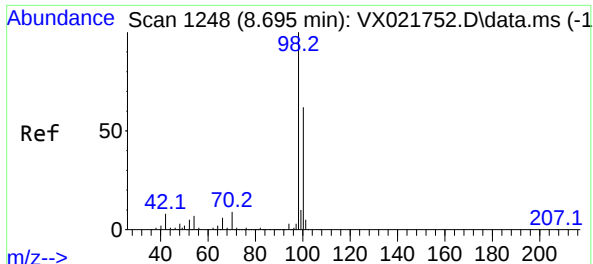
MMDadoda
4/21/2021 4:35:55 PM



#40
Benzene
Concen: 58.79 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.001 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 78 Resp: 426014
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





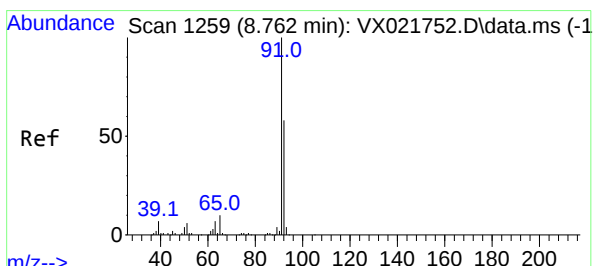
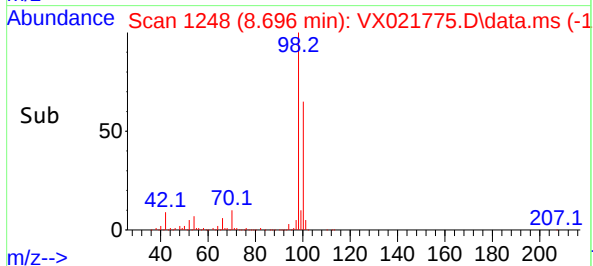
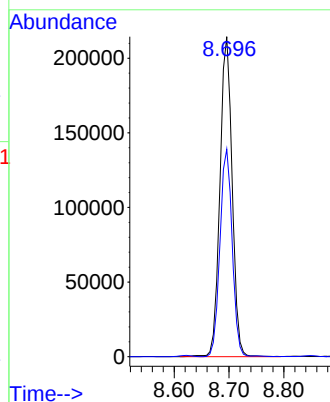
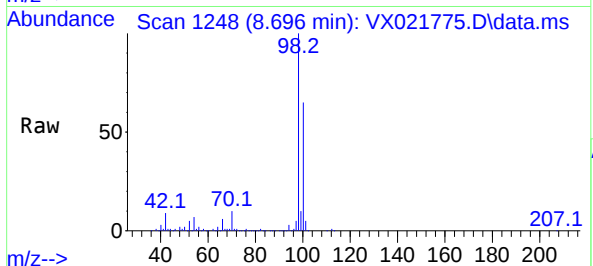
#50
Toluene-d8
Concen: 48.97 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 98 Resp: 331364
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

Instrument :
MSVOA_X
ClientSampleId :
MW-08

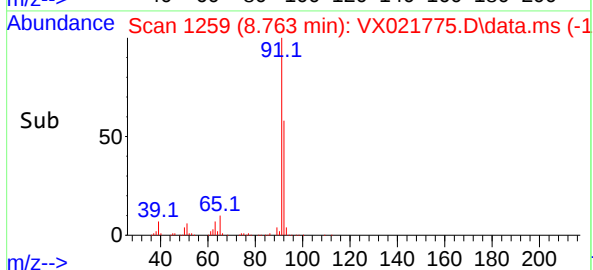
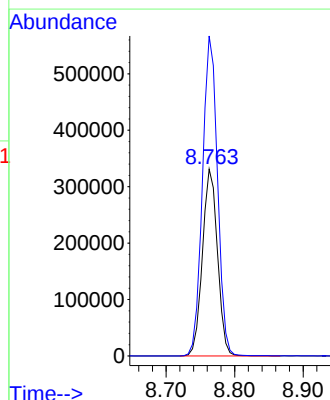
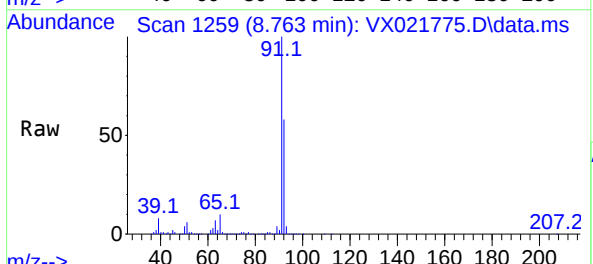
Manual Integrations
APPROVED

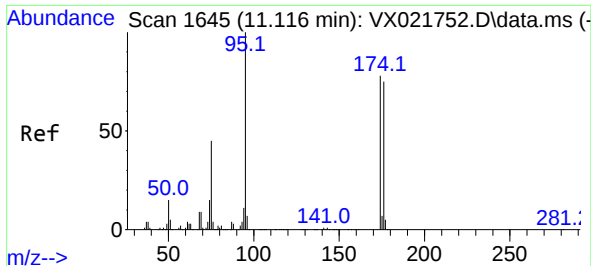
MMDadoda
4/21/2021 4:35:55 PM



#52
Toluene
Concen: 107.71 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 92 Resp: 506307
Ion Ratio Lower Upper
92 100
91 171.6 137.1 205.7





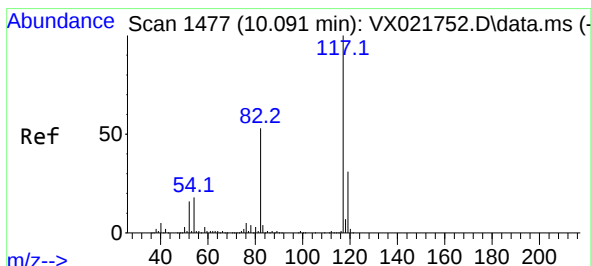
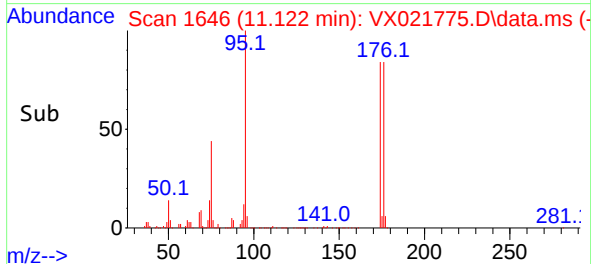
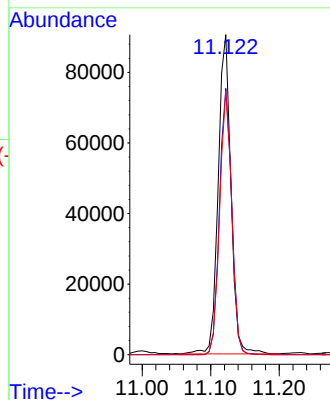
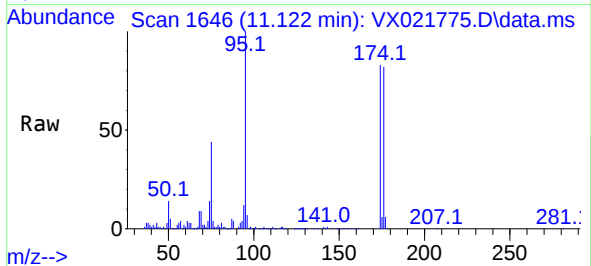
#62
4-Bromofluorobenzene
Concen: 45.92 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 95 Resp: 116029
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 78.2 0.0 155.8

Instrument :
MSVOA_X
ClientSampleId :
MW-08

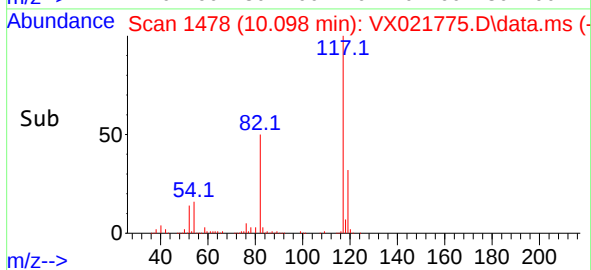
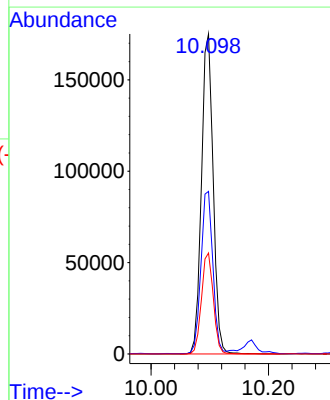
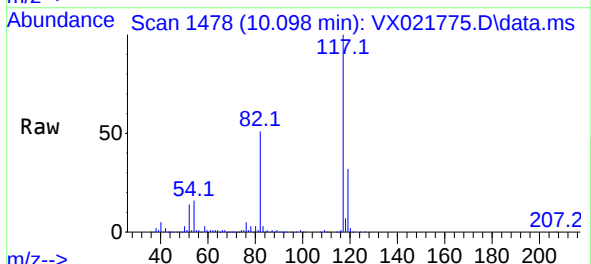
Manual Integrations
APPROVED

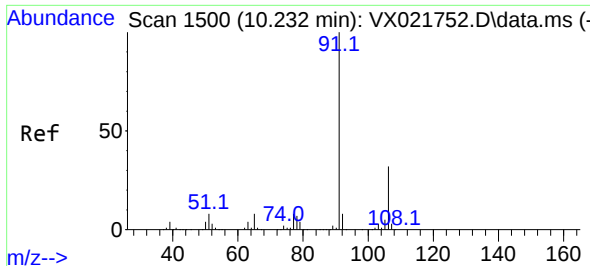
MMDadoda
4/21/2021 4:35:55 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion: 117 Resp: 242409
Ion Ratio Lower Upper
117 100
82 50.7 47.4 71.2
119 31.6 26.6 39.8





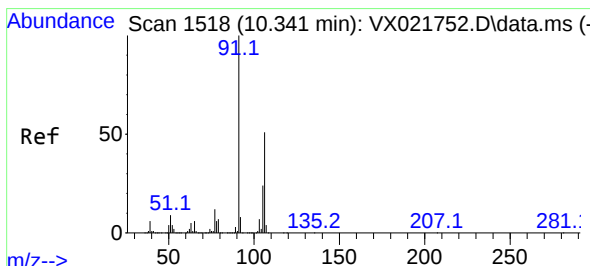
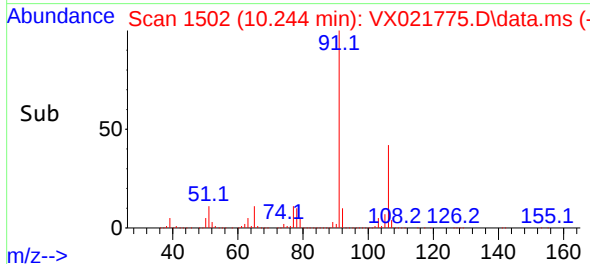
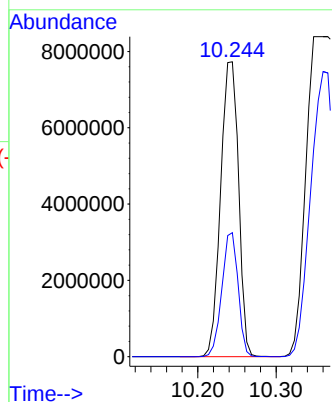
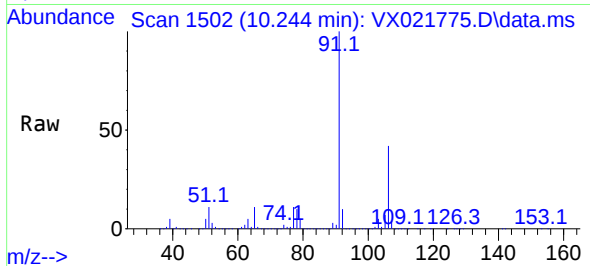
#67
Ethyl Benzene
Concen: 1422.25 ug/l
RT: 10.244 min Scan# 1502
Delta R.T. 0.012 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Instrument :
MSVOA_X
ClientSampled :
MW-08

Tgt Ion: 91 Resp:12321341
Ion Ratio Lower Upper
91 100
106 42.1 24.6 37.0#

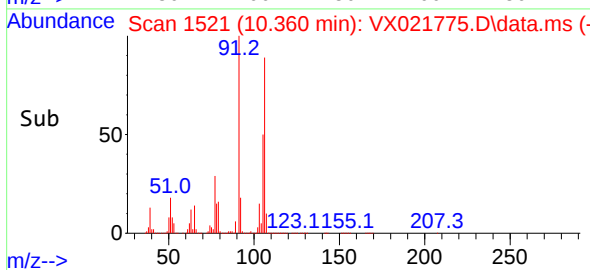
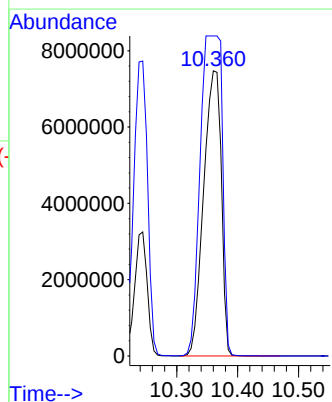
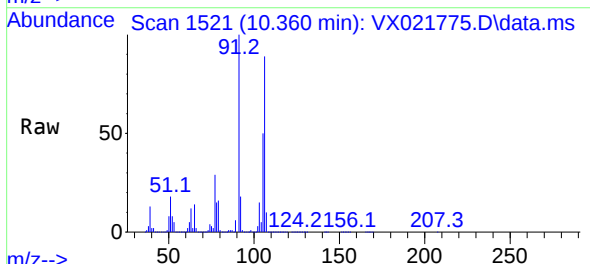
Manual Integrations
APPROVED

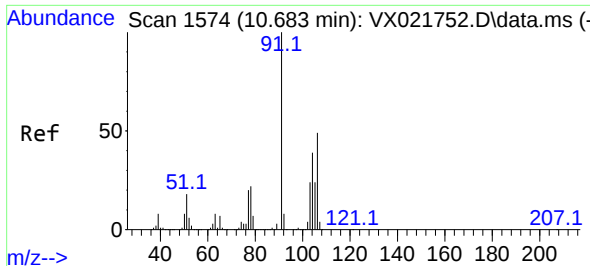
MMDadoda
4/21/2021 4:35:55 PM



#68
m/p-Xylenes
Concen: 4480.75 ug/l
RT: 10.360 min Scan# 1521
Delta R.T. 0.019 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

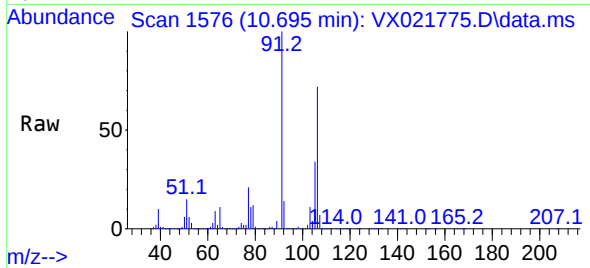
Tgt Ion:106 Resp:15019011
Ion Ratio Lower Upper
106 100
91 140.3 162.8 244.2#





#69
o-Xylene
Concen: 2974.41 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.012 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

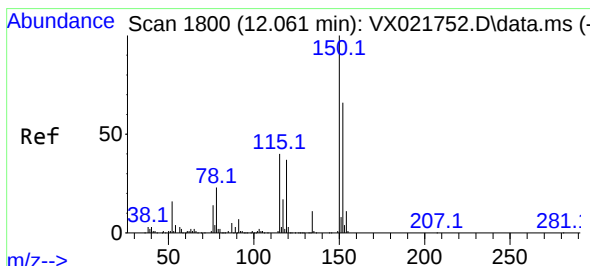
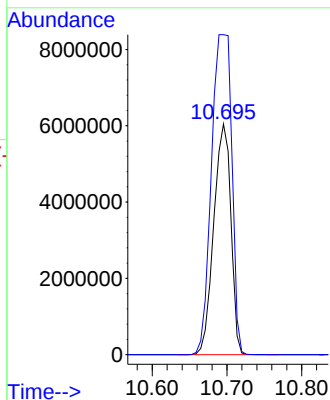
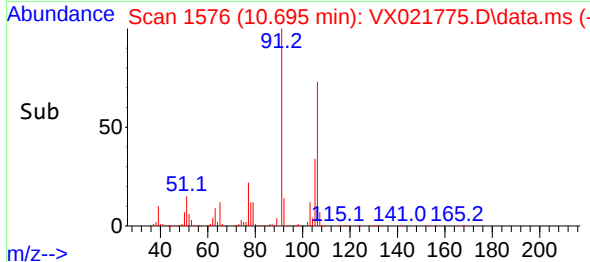
Instrument :
MSVOA_X
ClientSampled :
MW-08



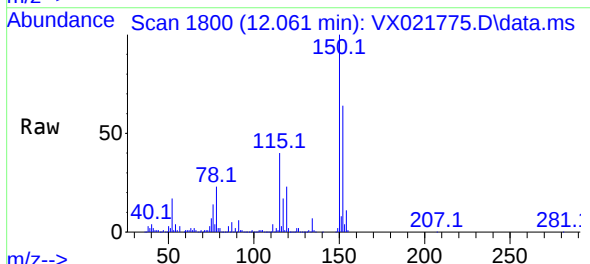
Tgt Ion:106 Resp: 9612623
Ion Ratio Lower Upper
106 100
91 165.6 108.1 324.2

Manual Integrations
APPROVED

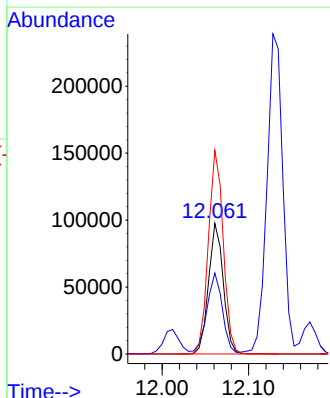
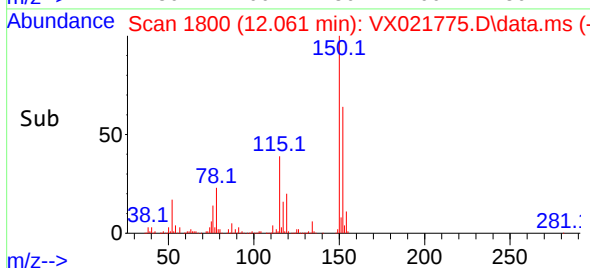
MMDadoda
4/21/2021 4:35:55 PM

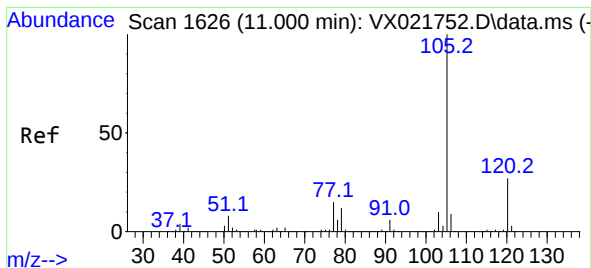


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46



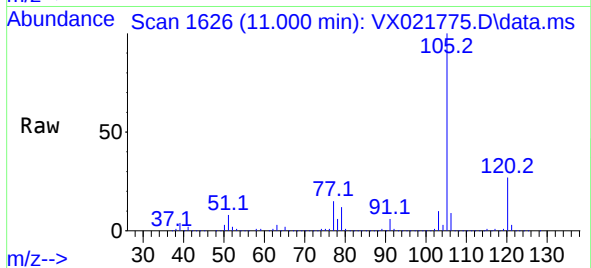
Tgt Ion:152 Resp: 115123
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 157.8 0.0 349.0





#73
Isopropylbenzene
Concen: 114.45 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

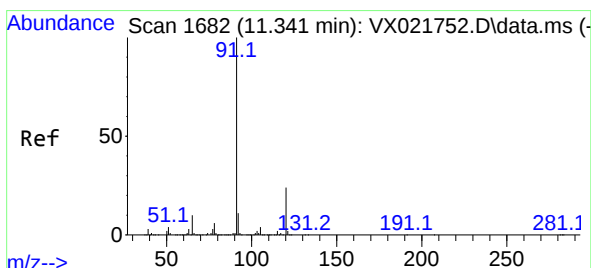
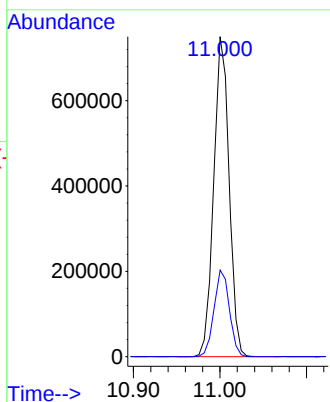
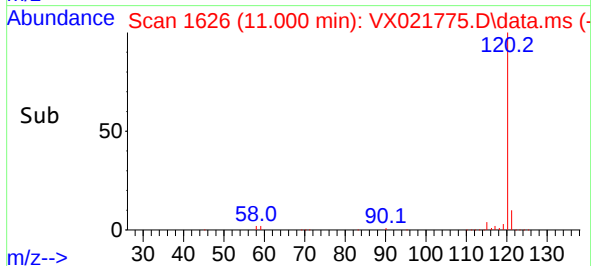
Instrument :
MSVOA_X
ClientSampled :
MW-08



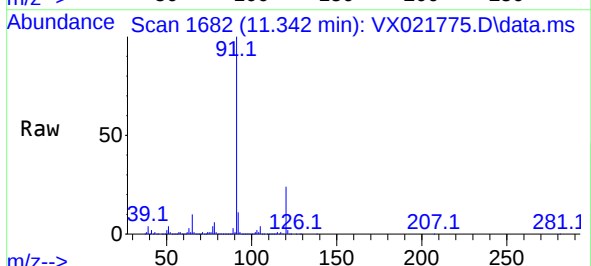
Tgt Ion:105 Resp: 924458
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.6

Manual Integrations
APPROVED

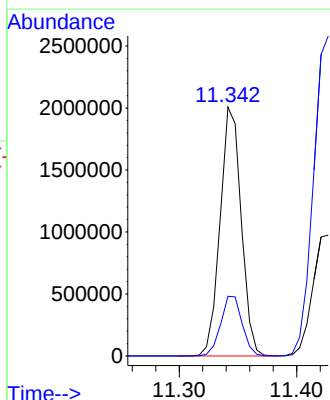
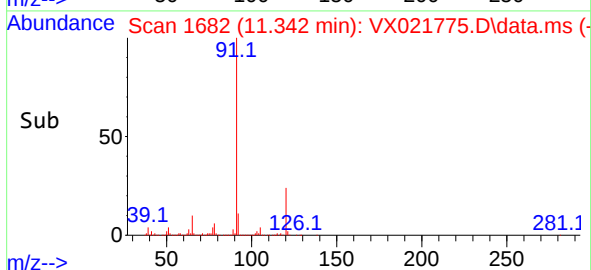
MMDadoda
4/21/2021 4:35:55 PM

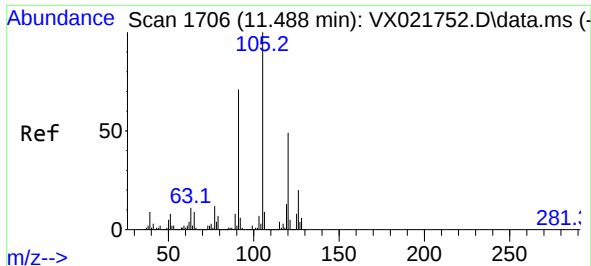


#78
n-propylbenzene
Concen: 280.50 ug/l
RT: 11.342 min Scan# 1682
Delta R.T. 0.001 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46



Tgt Ion: 91 Resp: 2505792
Ion Ratio Lower Upper
91 100
120 24.3 11.5 34.5





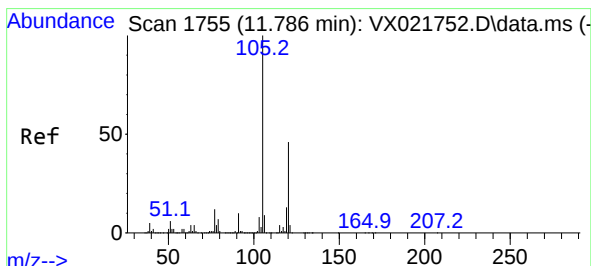
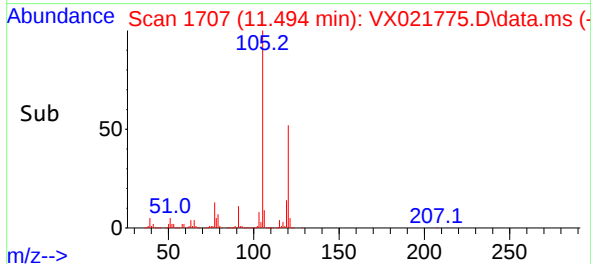
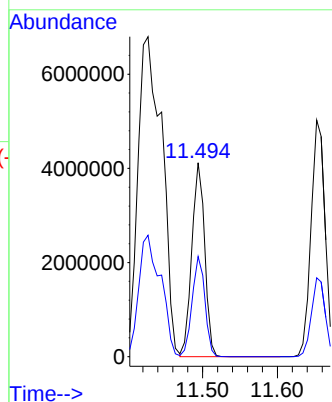
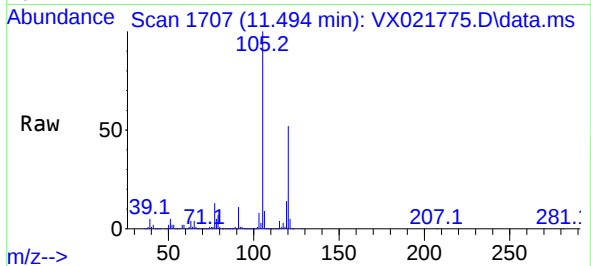
#80
1,3,5-Trimethylbenzene
Concen: 719.98 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Instrument :
MSVOA_X
ClientSampled :
MW-08

Tgt Ion:105 Resp: 4925292
Ion Ratio Lower Upper
105 100
120 51.3 23.8 71.5

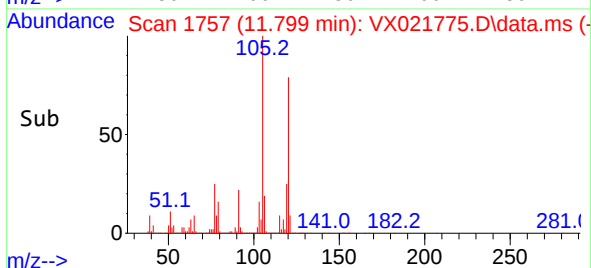
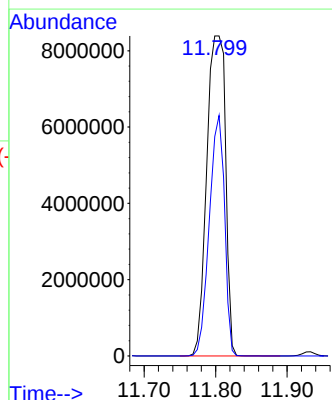
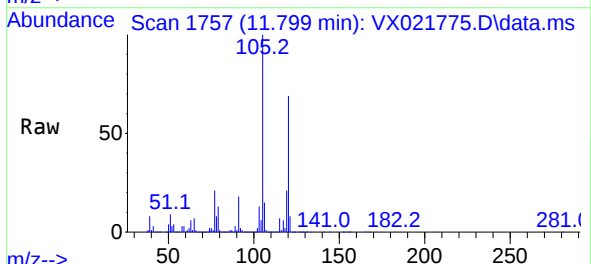
Manual Integrations
APPROVED

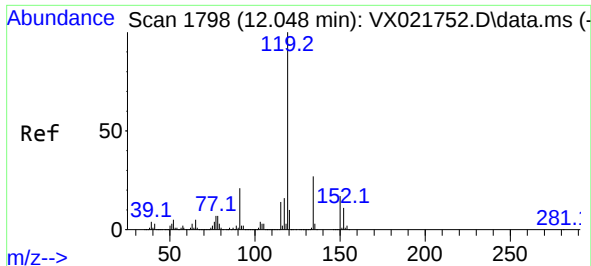
MMDadoda
4/21/2021 4:35:55 PM



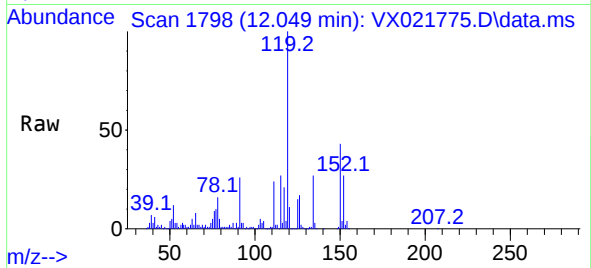
#84
1,2,4-Trimethylbenzene
Concen: 2218.14 ug/l
RT: 11.799 min Scan# 1757
Delta R.T. 0.013 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46

Tgt Ion:105 Resp:15324755
Ion Ratio Lower Upper
105 100
120 60.8 22.4 67.3

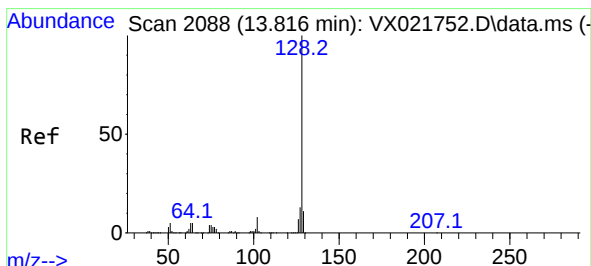
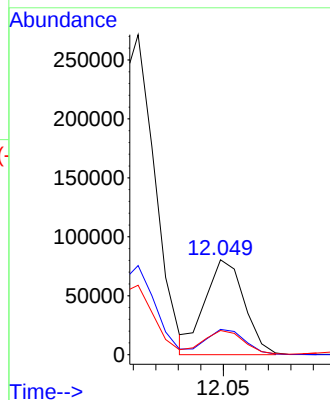
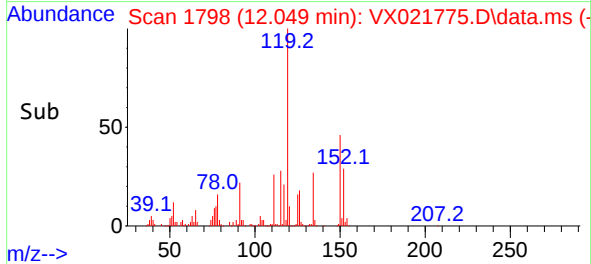




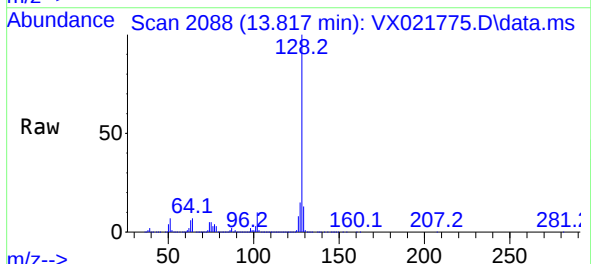
#86
p-Isopropyltoluene
Concen: 13.16 ug/l m
RT: 12.049 min Scan# 1798
Delta R.T. 0.001 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46



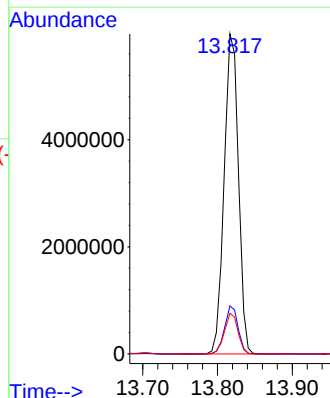
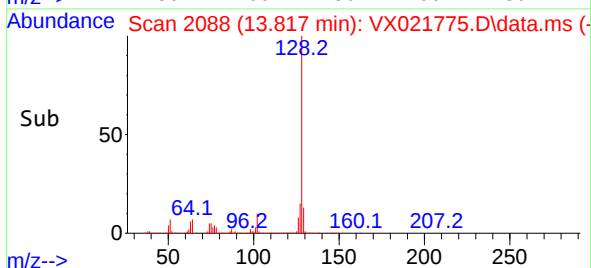
Tgt Ion:119 Resp: 97890
Ion Ratio Lower Upper
119 100
134 92.7 12.9 38.7#
91 74.1 11.7 35.0#



#95
Naphthalene
Concen: 1023.45 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VX021775.D
Acq: 20 Apr 2021 23:46



Tgt Ion:128 Resp: 7942570
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 12.2 8.8 13.2



Instrument :
MSVOA_X
ClientSampled :
MW-08

Manual Integrations
APPROVED

MMDadoda
4/21/2021 4:35:55 PM