

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024291.D
 Acq On : 16 Sep 2021 16:29
 Operator : JC/MD
 Sample : M3733-02ME
 Misc : 5.33g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUP-UST-01-(10-12)ME

Quant Time: Sep 17 04:41:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

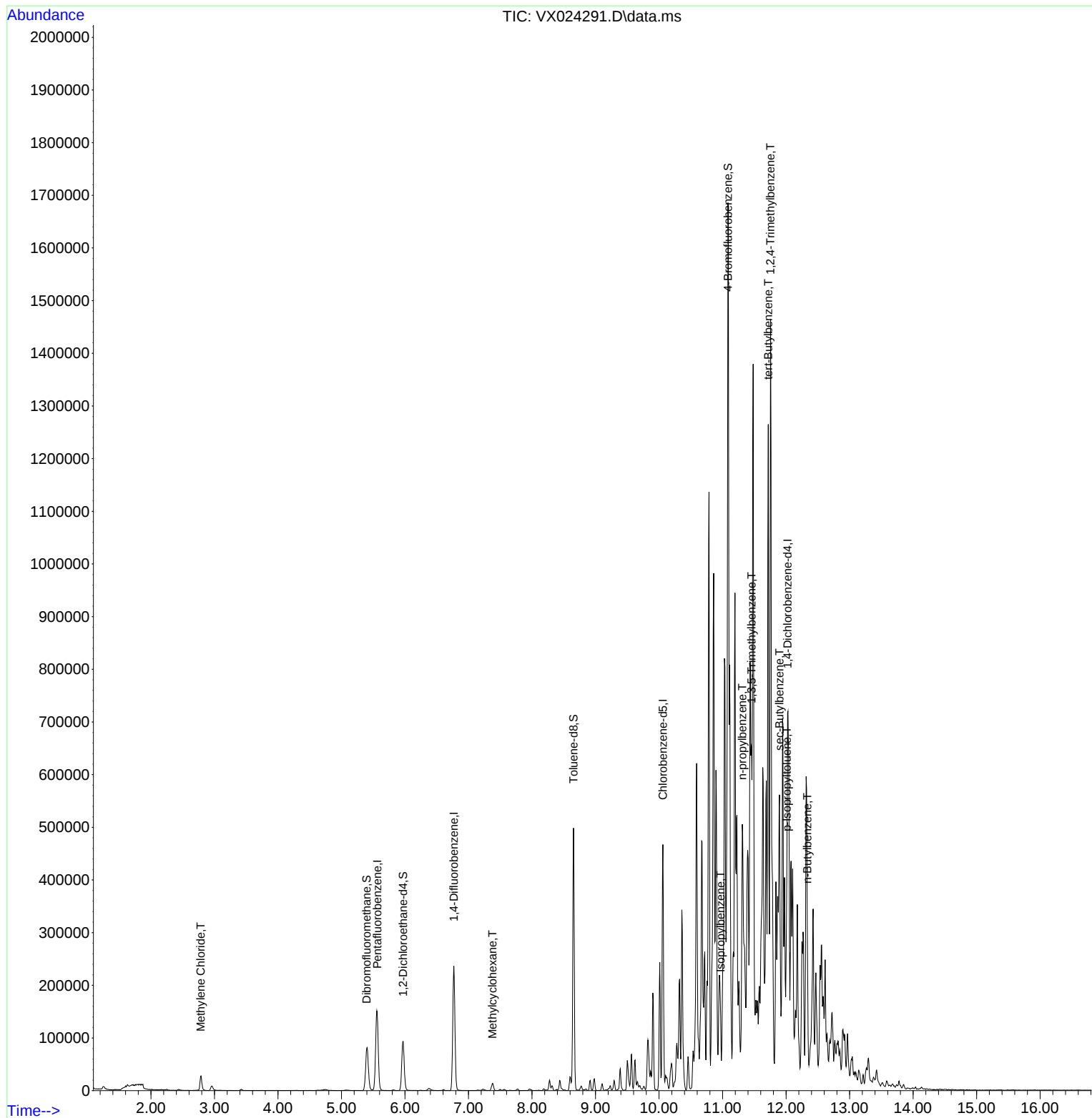
Internal Standards						
1) Pentafluorobenzene	5.562	168	143281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	214999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	98797	48.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.72%		
35) Dibromofluoromethane	5.397	113	73689	45.39	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.78%		
50) Toluene-d8	8.653	98	292980	49.54	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.08%		
62) 4-Bromofluorobenzene	11.085	95	118251	51.38	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.76%		
Target Compounds						Qvalue
20) Methylene Chloride	2.782	84	14188	8.48	ug/l	94
39) Methylcyclohexane	7.379	83	5910	2.22	ug/l	89
73) Isopropylbenzene	10.970	105	31784	3.90	ug/l	98
78) n-propylbenzene	11.311	91	118820	12.91	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	195714	28.51	ug/l	100
83) tert-Butylbenzene	11.719	119	19877	3.00	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	506263	74.97	ug/l	100
85) sec-Butylbenzene	11.896	105	91027	10.96	ug/l	94
86) p-Isopropyltoluene	12.012	119	70178	10.07	ug/l	98
89) n-Butylbenzene	12.335	91	89667	14.87	ug/l #	46

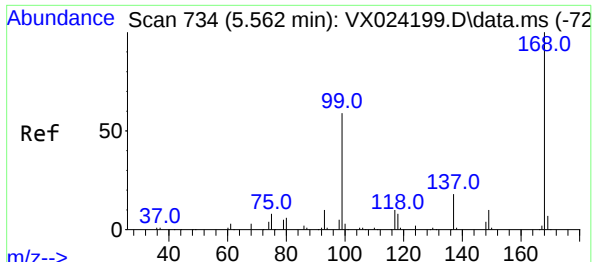
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUP-UST-01-(10-12)ME

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
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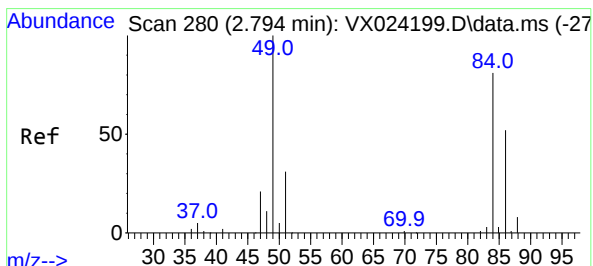
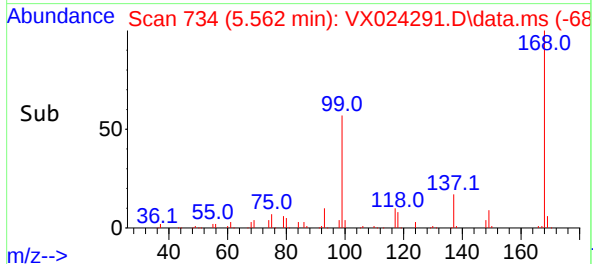
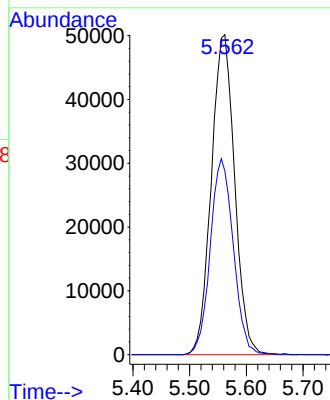
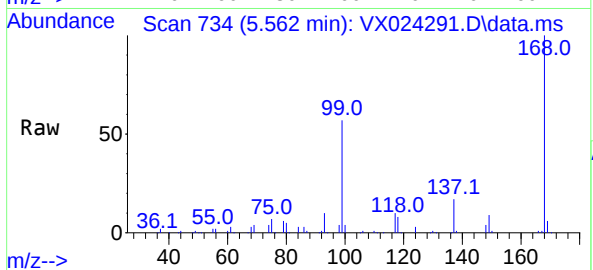




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

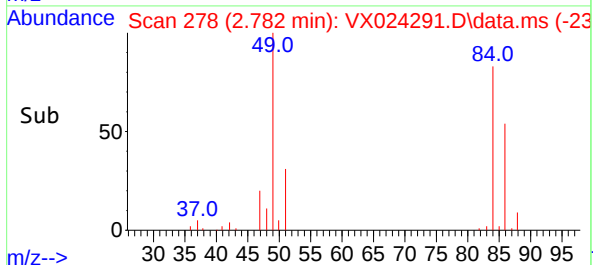
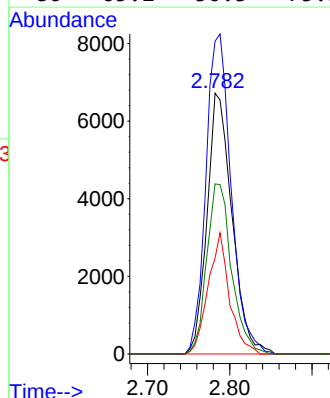
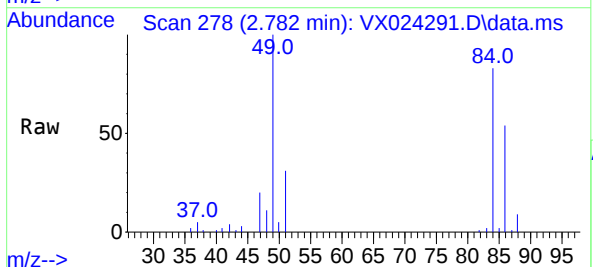
Instrument :
MSVOA_X
ClientSampleId :
SUP-UST-01-(10-12)ME

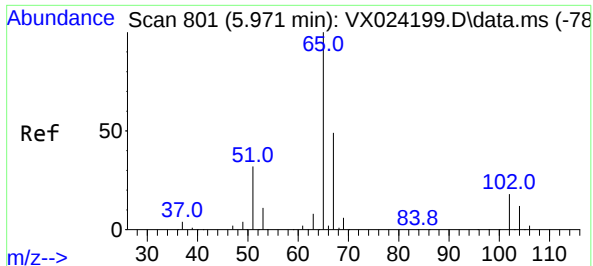
Tgt Ion:168 Resp: 143281
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



#20
Methylene Chloride
Concen: 8.48 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.012 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

Tgt Ion: 84 Resp: 14188
Ion Ratio Lower Upper
84 100
49 120.0 88.6 132.8
51 36.8 27.0 40.6
86 65.2 50.3 75.5



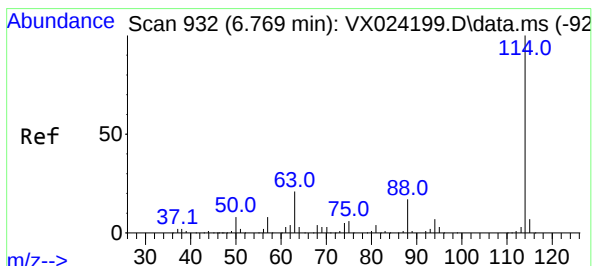
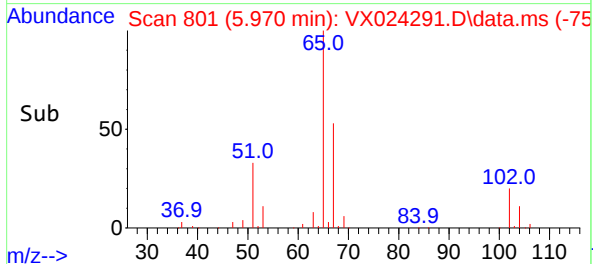
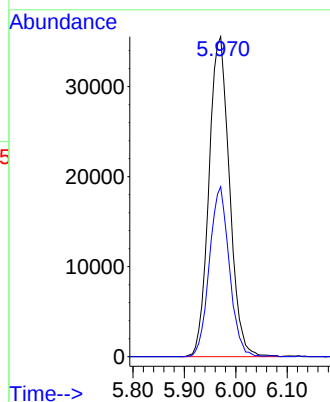
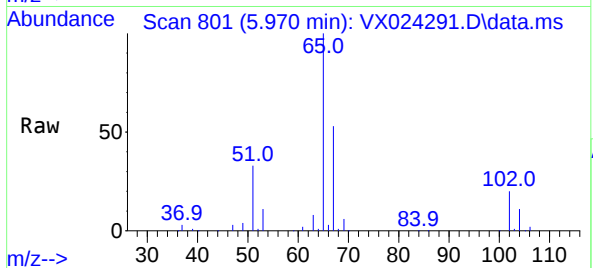


#33

1,2-Dichloroethane-d4
Concen: 48.36 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.001 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

Instrument :
MSVOA_X
ClientSampleId :
SUP-UST-01-(10-12)ME

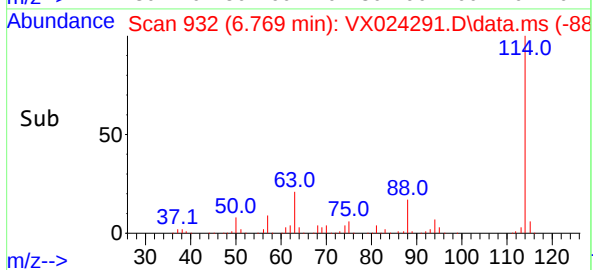
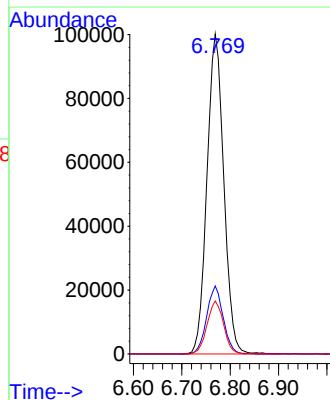
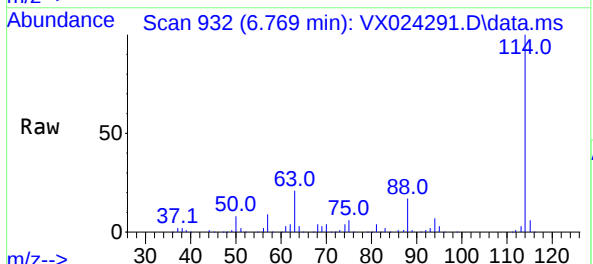
Tgt Ion: 65 Resp: 98797
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

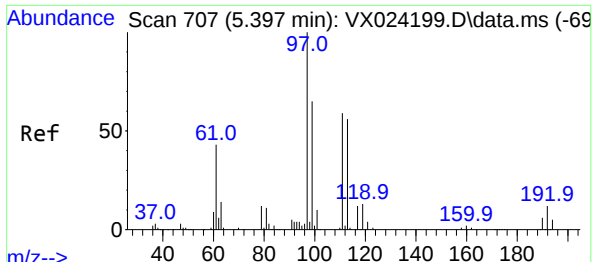


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

Tgt Ion: 114 Resp: 242060
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.6 0.0 32.8

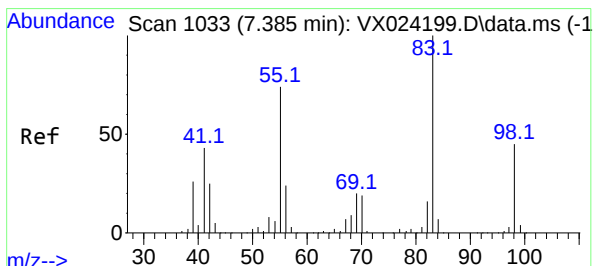
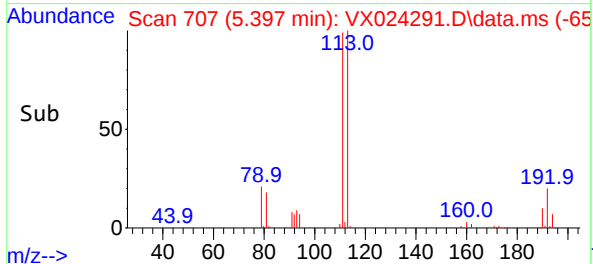
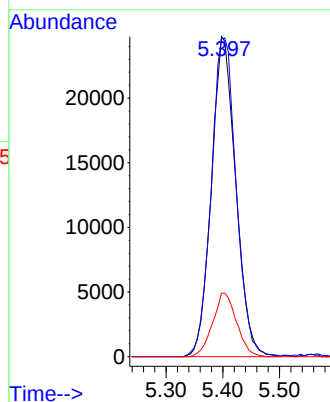
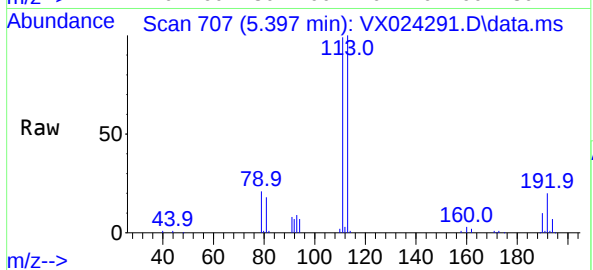




#35
Dibromofluoromethane
Concen: 45.39 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

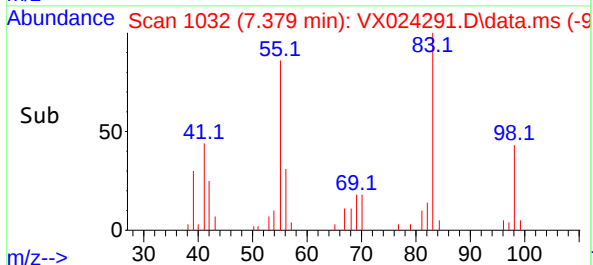
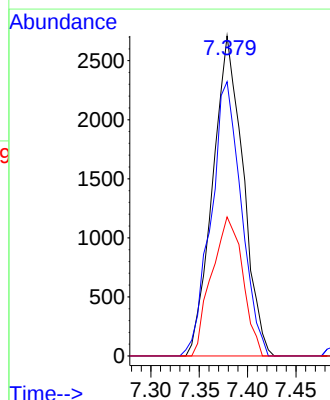
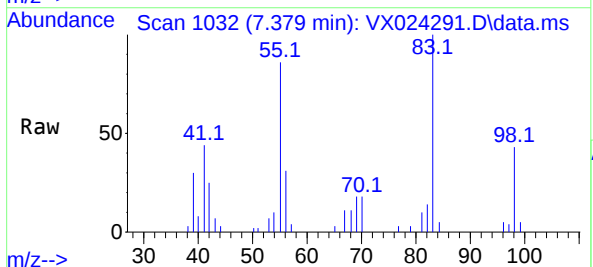
Instrument :
MSVOA_X
ClientSampleId :
SUP-UST-01-(10-12)ME

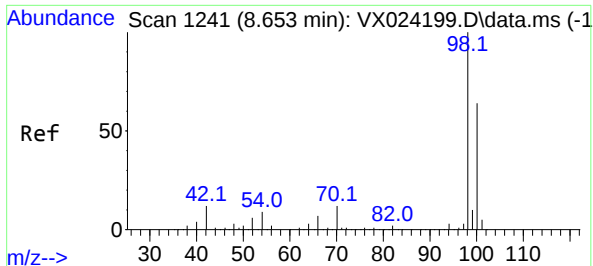
Tgt Ion:113 Resp: 73689
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.6 16.7 25.1



#39
Methylcyclohexane
Concen: 2.22 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

Tgt Ion: 83 Resp: 5910
Ion Ratio Lower Upper
83 100
55 85.7 58.9 88.3
98 43.4 38.1 57.1

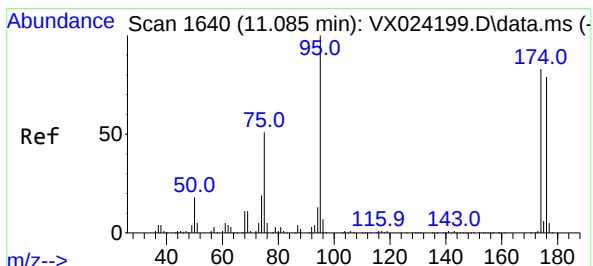
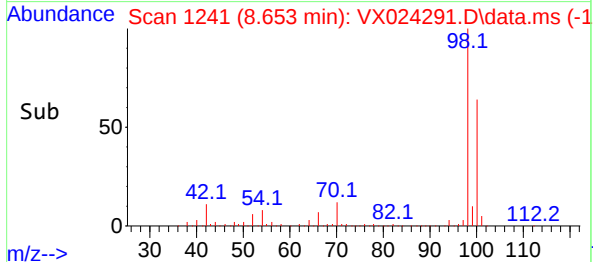
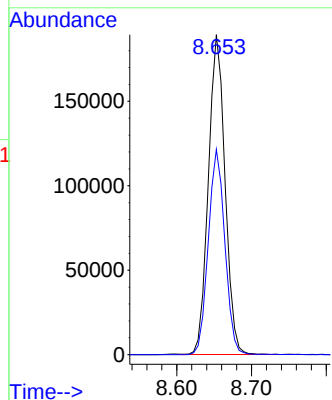
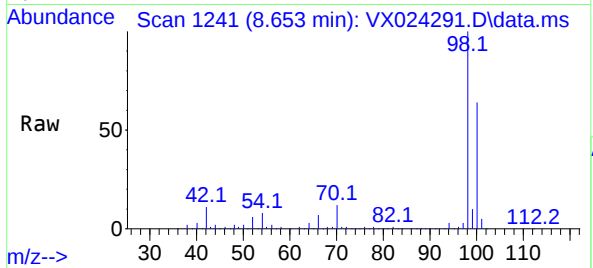




#50
Toluene-d8
Concen: 49.54 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

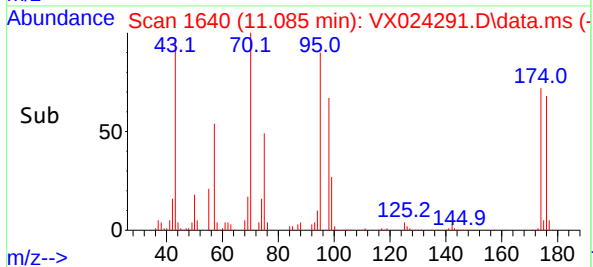
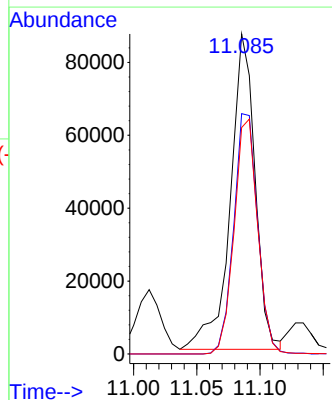
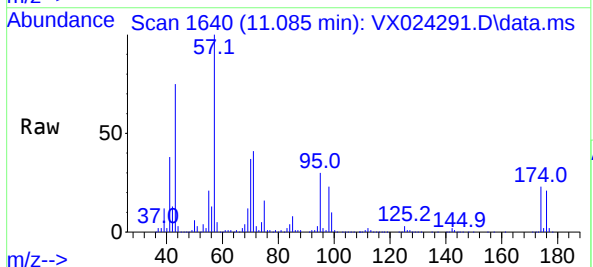
Instrument :
MSVOA_X
ClientSampleId :
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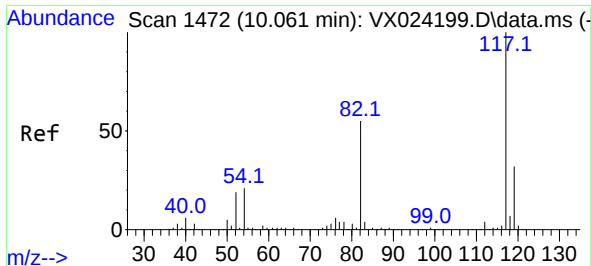
Tgt Ion: 98 Resp: 292980
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.38 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

Tgt Ion: 95 Resp: 118251
Ion Ratio Lower Upper
95 100
174 73.4 0.0 154.6
176 70.8 0.0 155.8

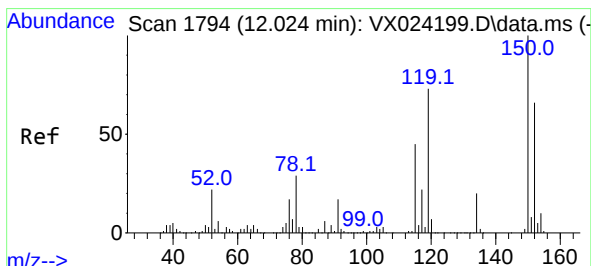
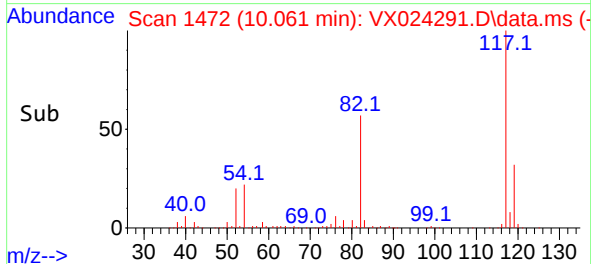
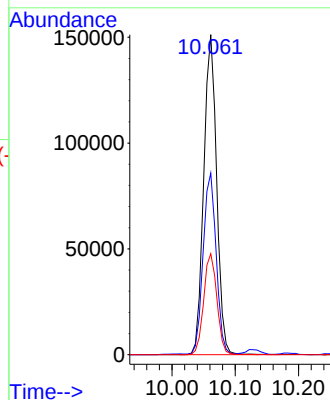
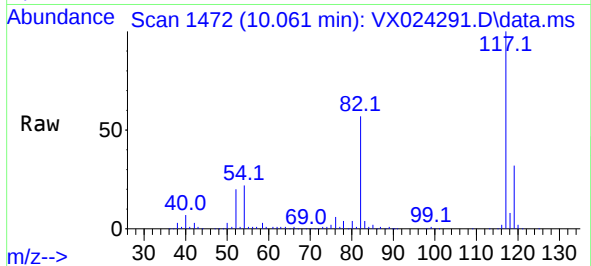




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

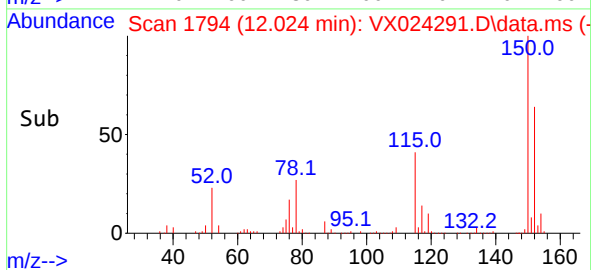
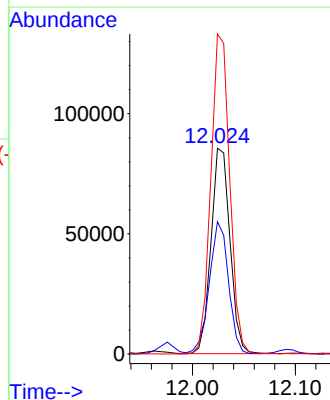
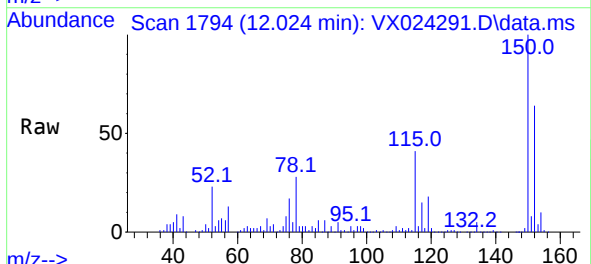
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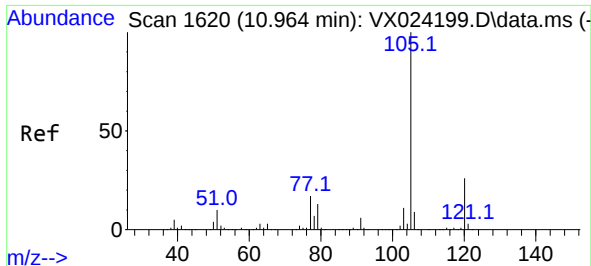
Tgt Ion:117 Resp: 214999
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

Tgt Ion:152 Resp: 109369
Ion Ratio Lower Upper
152 100
115 64.8 41.1 123.3
150 155.5 0.0 349.0

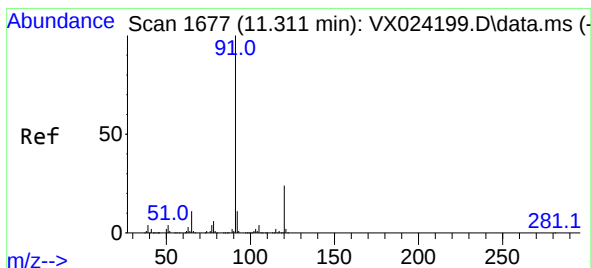
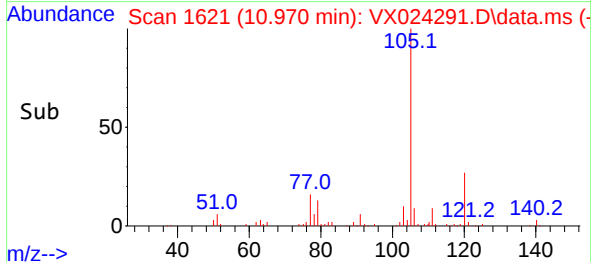
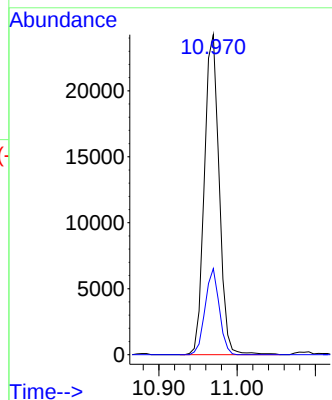
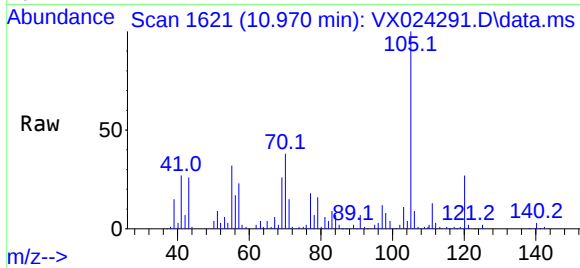




#73
Isopropylbenzene
Concen: 3.90 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

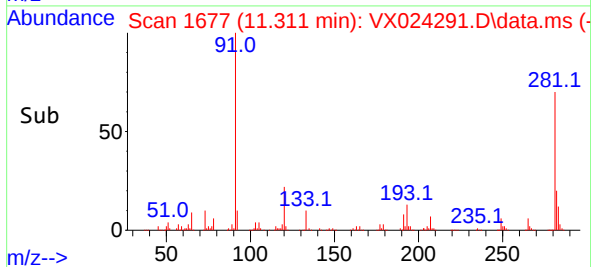
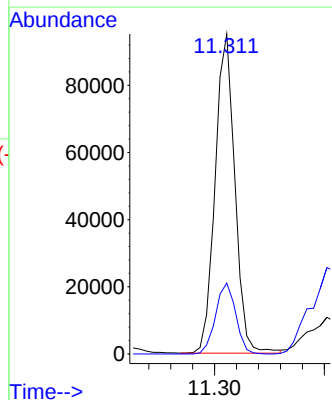
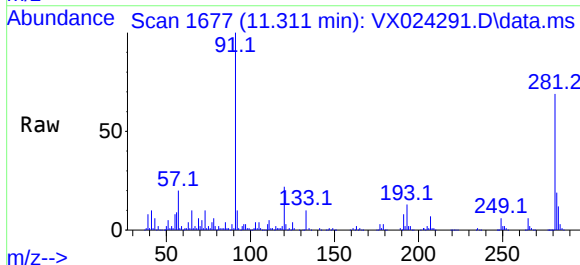
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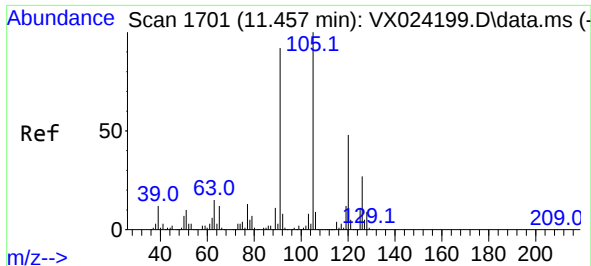
Tgt Ion:105 Resp: 31784
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.6



#78
n-propylbenzene
Concen: 12.91 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

Tgt Ion: 91 Resp: 118820
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5

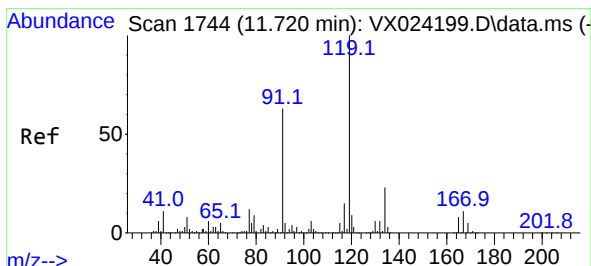
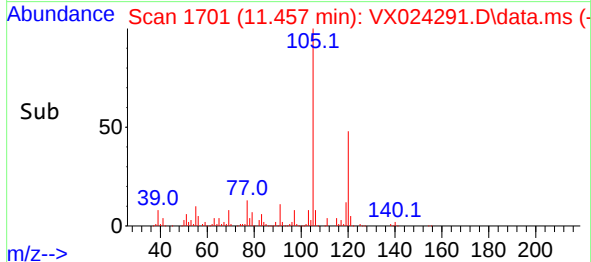
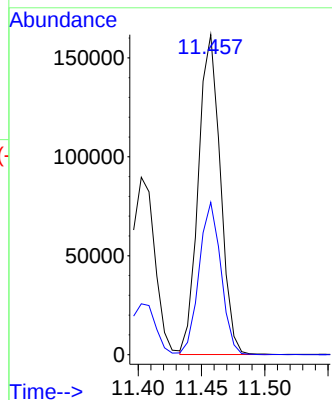
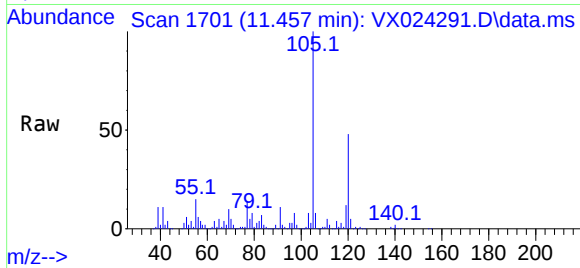




#80
1,3,5-Trimethylbenzene
Concen: 28.51 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

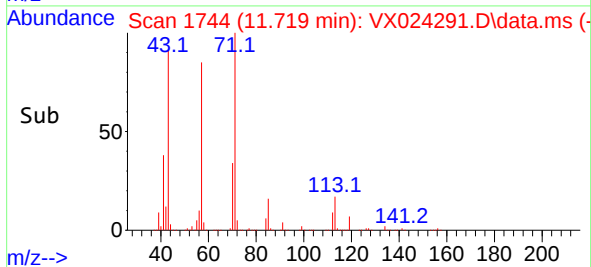
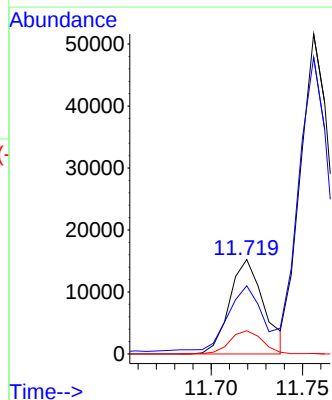
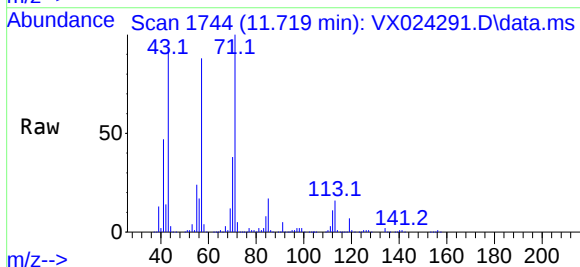
Instrument :
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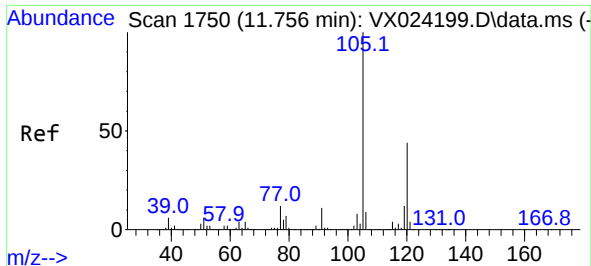
Tgt Ion:105 Resp: 195714
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5



#83
tert-Butylbenzene
Concen: 3.00 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

Tgt Ion:119 Resp: 19877
Ion Ratio Lower Upper
119 100
91 68.0 27.9 83.7
134 23.7 11.3 33.9

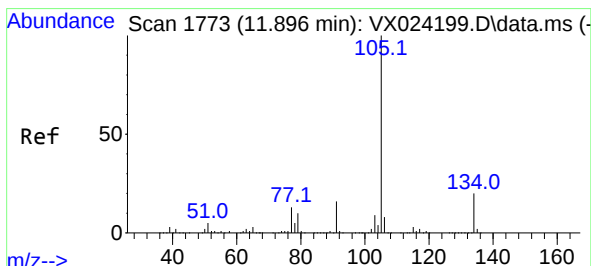
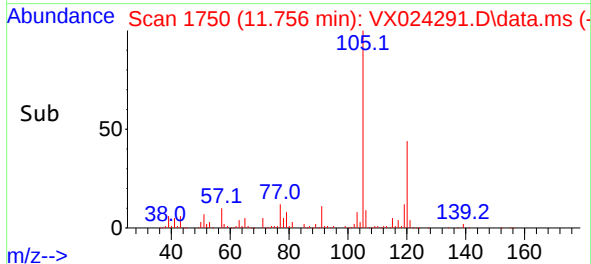
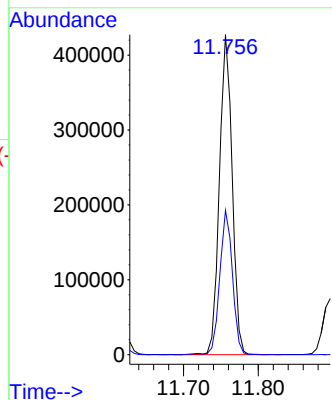
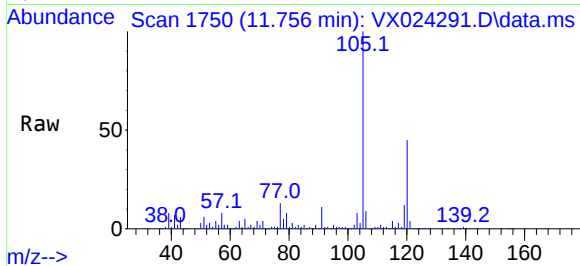




#84
1,2,4-Trimethylbenzene
Concen: 74.97 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

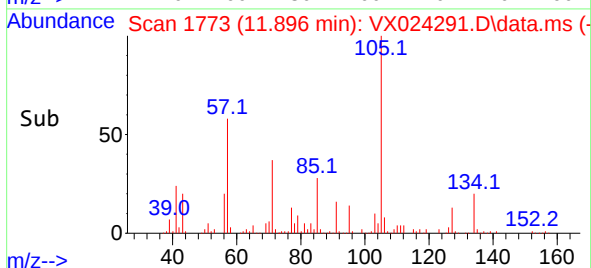
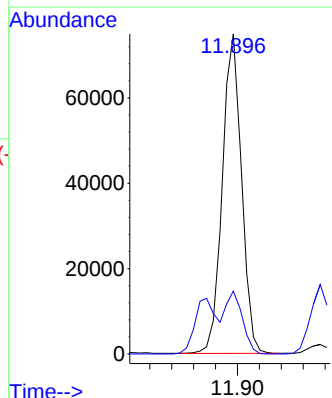
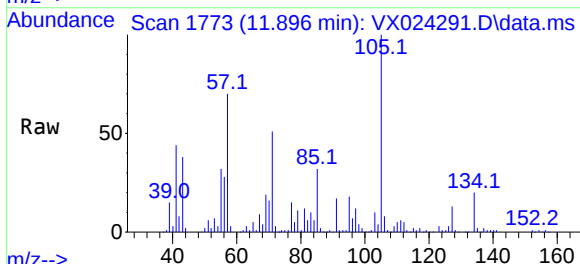
Instrument :
MSVOA_X
ClientSampleId :
SUP-UST-01-(10-12)ME

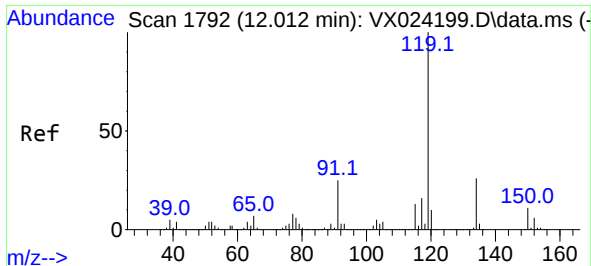
Tgt Ion:105 Resp: 506263
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3



#85
sec-Butylbenzene
Concen: 10.96 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

Tgt Ion:105 Resp: 91027
Ion Ratio Lower Upper
105 100
134 17.2 10.0 29.8

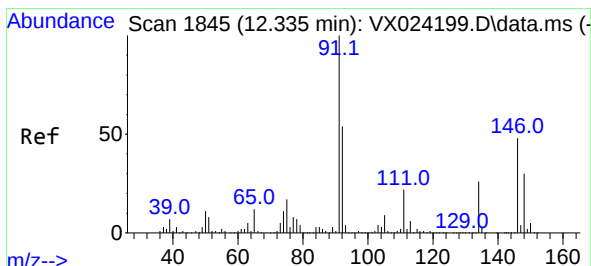
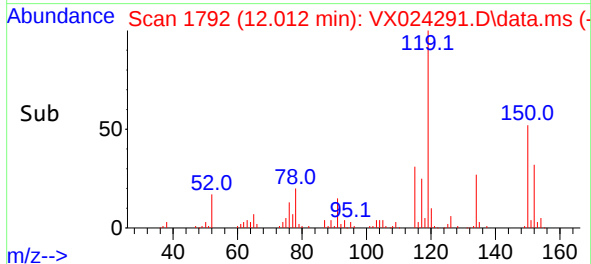
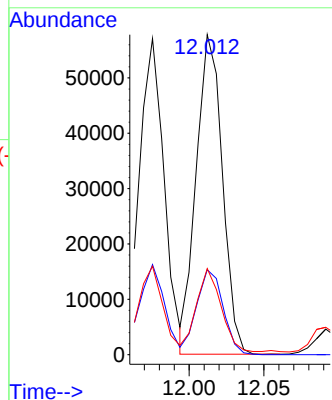
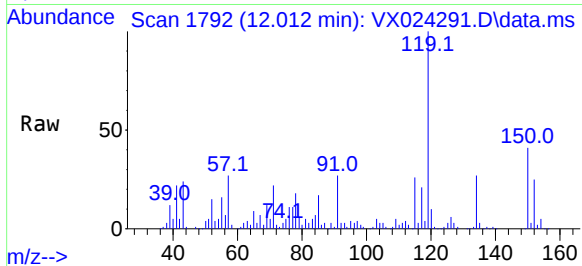




#86
p-Isopropyltoluene
Concen: 10.07 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

Instrument :
MSVOA_X
ClientSampleId :
SUP-UST-01-(10-12)ME

Tgt Ion:119 Resp: 70178
Ion Ratio Lower Upper
119 100
134 27.1 12.9 38.7
91 24.1 11.7 35.0



#89
n-Butylbenzene
Concen: 14.87 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024291.D
Acq: 16 Sep 2021 16:29

Tgt Ion: 91 Resp: 89667
Ion Ratio Lower Upper
91 100
92 37.5 27.4 82.0
134 86.3 13.2 39.5#

