

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021169.D
 Acq On : 11 Mar 2021 20:18
 Operator : JC/MD
 Sample : M1647-16DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40989DL

Quant Time: Mar 12 02:24:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	199637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	362256	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	370047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	183659	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	131945	48.93	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.86%
35) Dibromofluoromethane	5.464	113	115670	52.55	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.10%
50) Toluene-d8	8.694	98	459511	53.54	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.08%
62) 4-Bromofluorobenzene	11.118	95	183088	57.70	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.40%

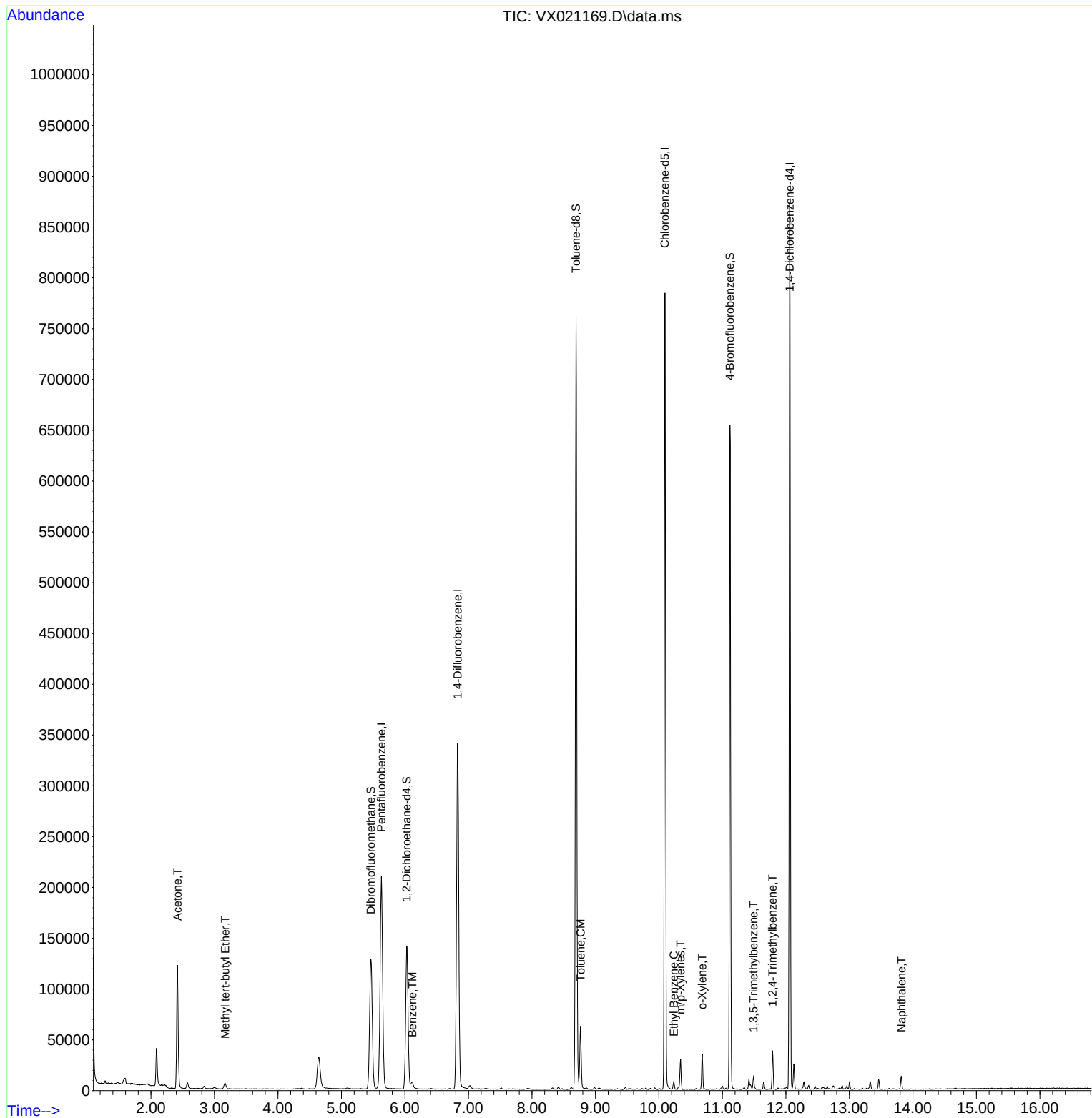
Target Compounds						Qvalue
16) Acetone	2.417	43	124543	112.09	ug/l	97
19) Methyl tert-butyl Ether	3.170	73	6520	0.82	ug/l	96
40) Benzene	6.117	78	7654	0.74	ug/l	99
52) Toluene	8.765	92	22736	3.54	ug/l	100
67) Ethyl Benzene	10.235	91	4341	0.31	ug/l	99
68) m/p-Xylenes	10.341	106	7044	1.35	ug/l	93
69) o-Xylene	10.683	106	7701	1.52	ug/l	92
80) 1,3,5-Trimethylbenzene	11.489	105	5097	0.42	ug/l	94
84) 1,2,4-Trimethylbenzene	11.789	105	16137	1.32	ug/l	97
95) Naphthalene	13.818	128	8293	0.62	ug/l	98

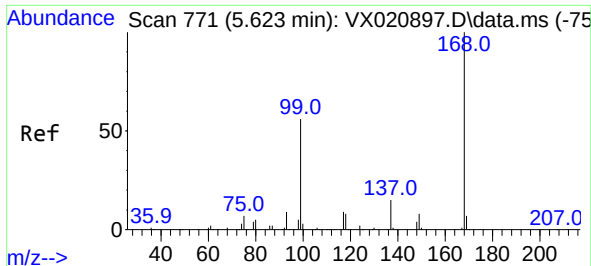
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX021169.D
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Quant Time: Mar 12 02:24:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

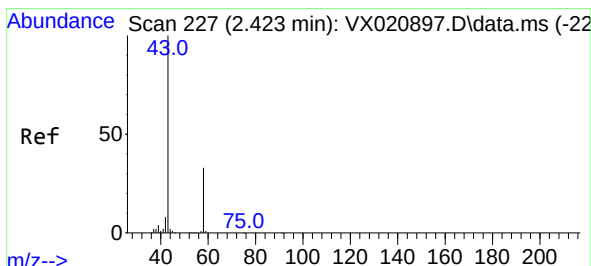
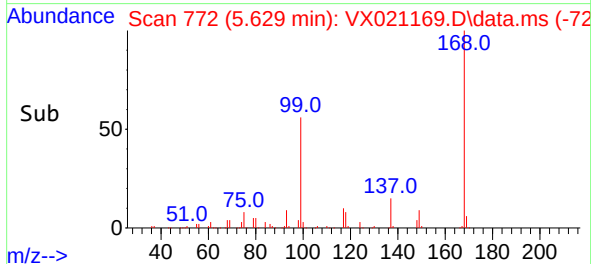
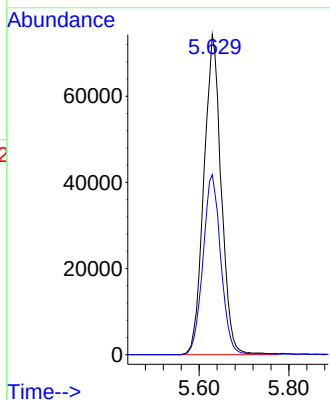
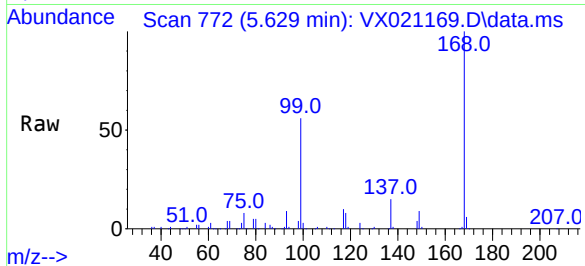




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

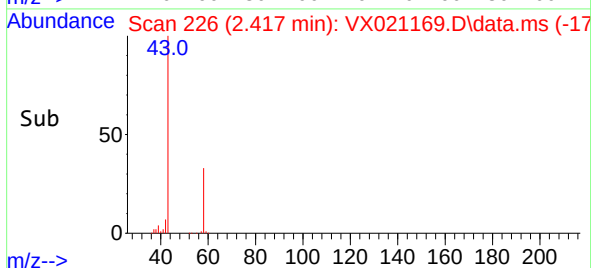
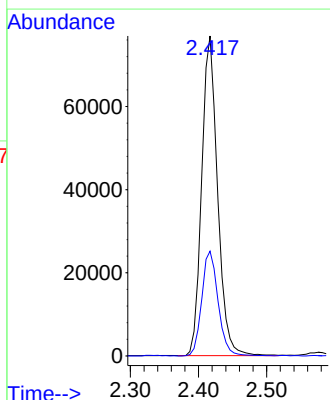
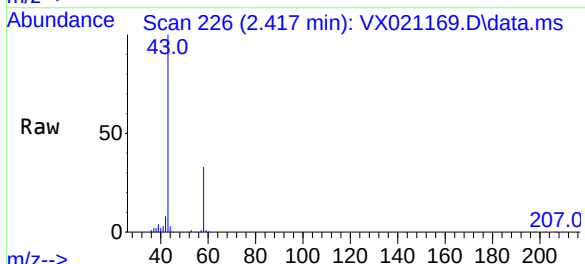
Instrument :
MSVOA_X
ClientSampleId :
40989DL

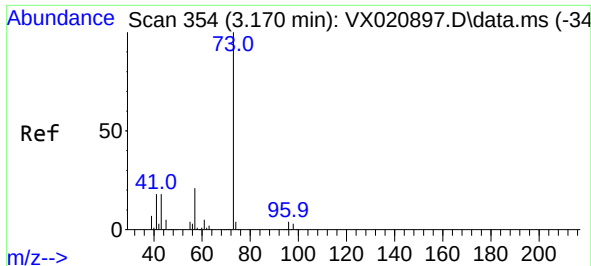
Tgt Ion:168 Resp: 199637
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#16
Acetone
Concen: 112.09 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

Tgt Ion: 43 Resp: 124543
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8



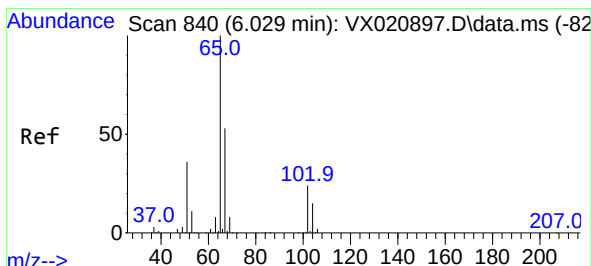
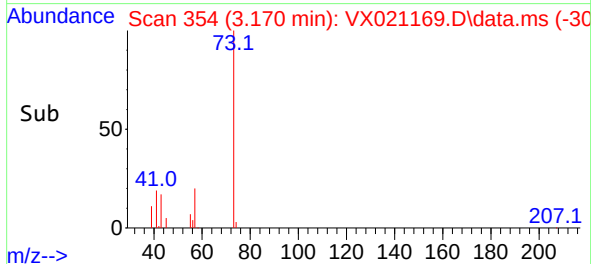
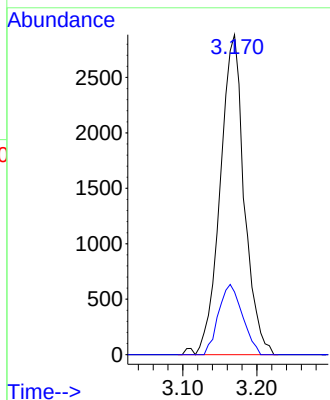
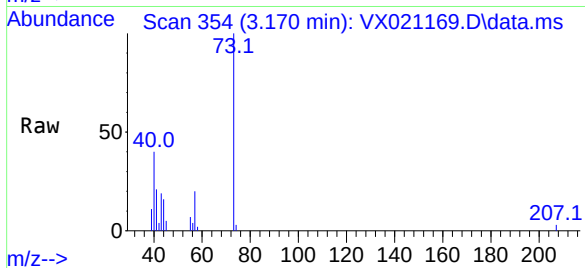


#19

Methyl tert-butyl Ether
Concen: 0.82 ug/l
RT: 3.170 min Scan# 354
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

Instrument :
MSVOA_X
ClientSampleId :
40989DL

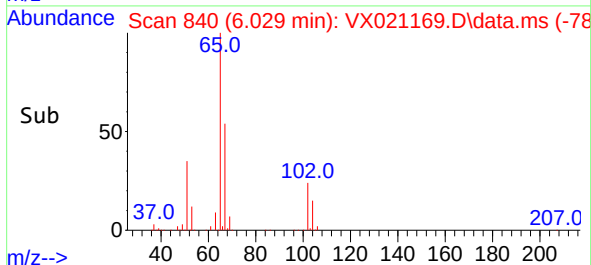
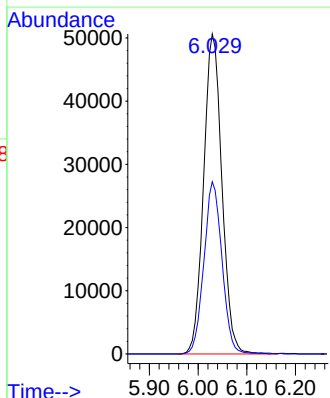
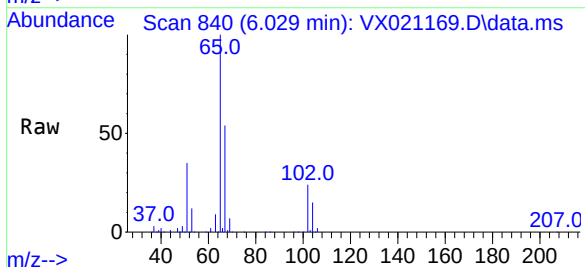
Tgt Ion: 73 Resp: 6520
Ion Ratio Lower Upper
73 100
57 19.6 17.1 25.7

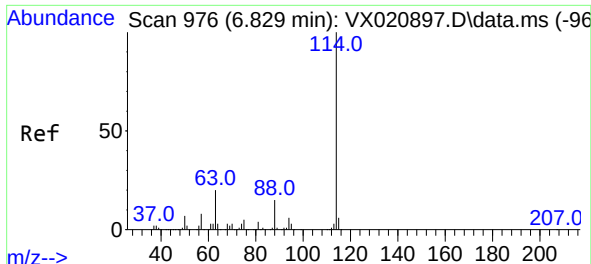


#33

1,2-Dichloroethane-d4
Concen: 48.93 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

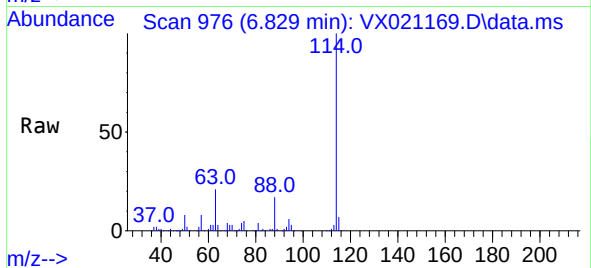
Tgt Ion: 65 Resp: 131945
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



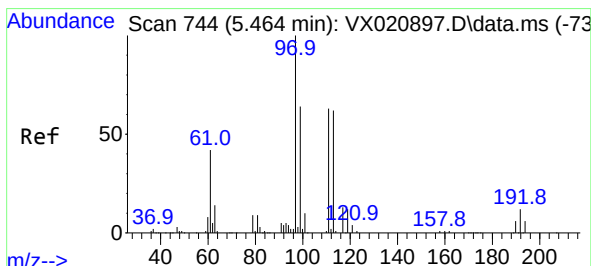
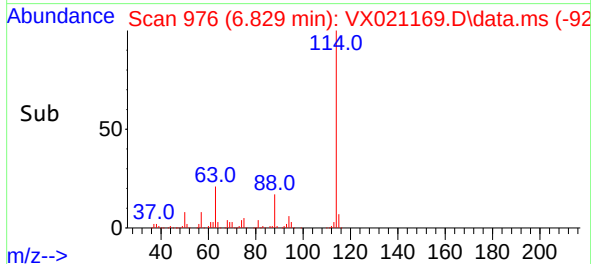
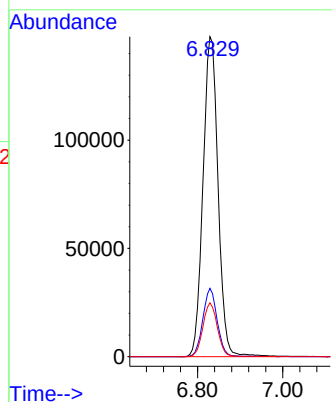


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

Instrument :
MSVOA_X
ClientSampleId :
40989DL

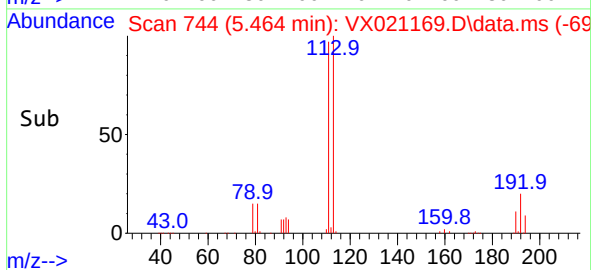
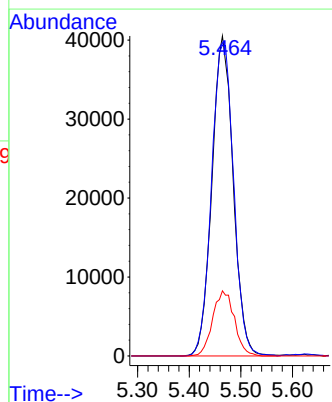
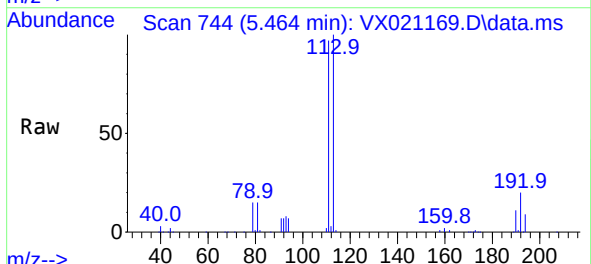


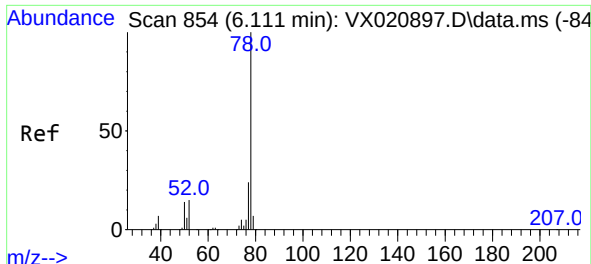
Tgt Ion:114 Resp: 362256
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.55 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

Tgt Ion:113 Resp: 115670
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 20.7 16.7 25.1

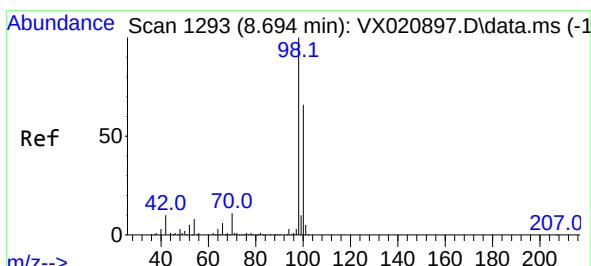
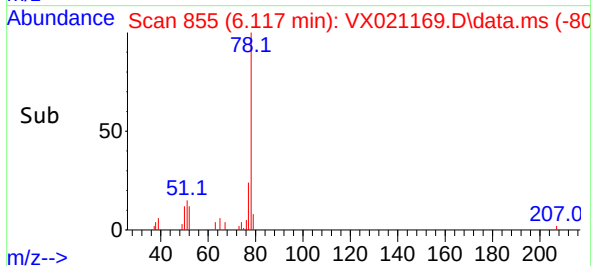
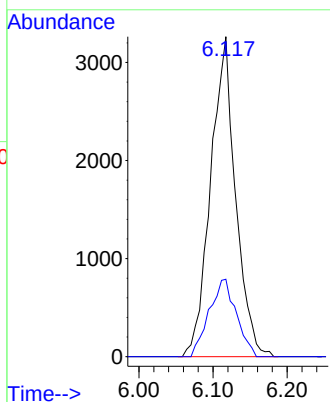
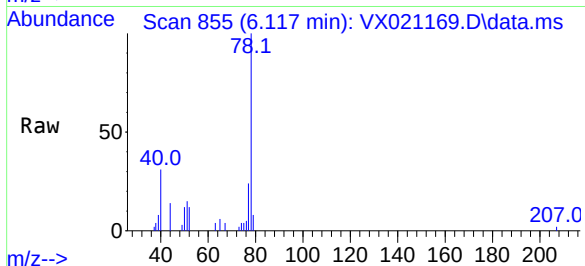




#40
Benzene
Concen: 0.74 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

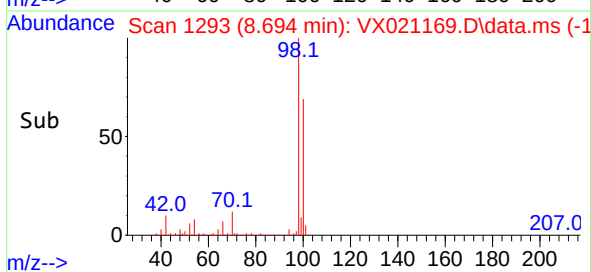
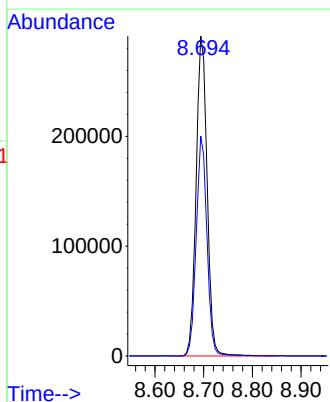
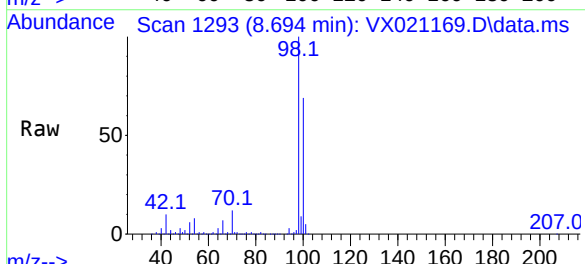
Instrument :
MSVOA_X
ClientSampled :
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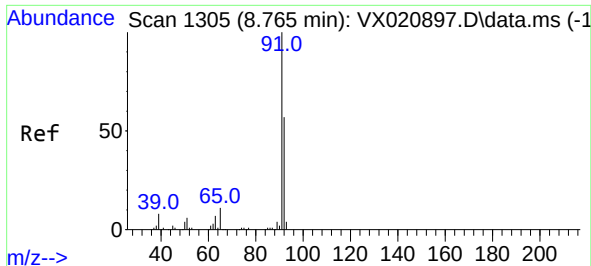
Tgt Ion: 78 Resp: 7654
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3



#50
Toluene-d8
Concen: 53.54 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

Tgt Ion: 98 Resp: 459511
Ion Ratio Lower Upper
98 100
100 67.2 51.9 77.9

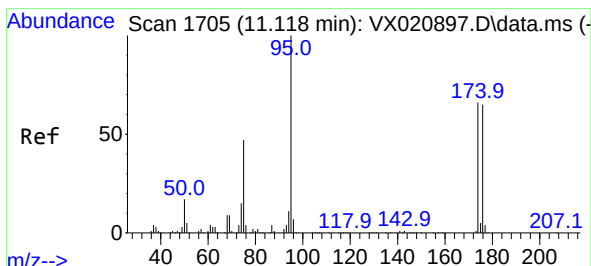
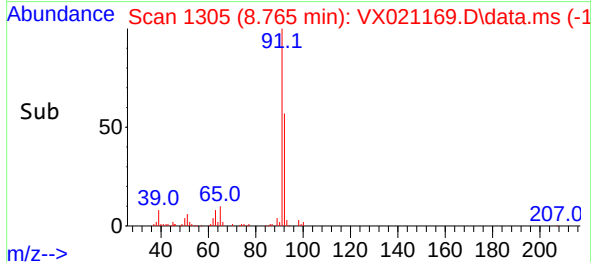
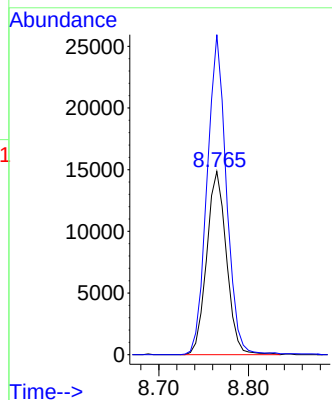
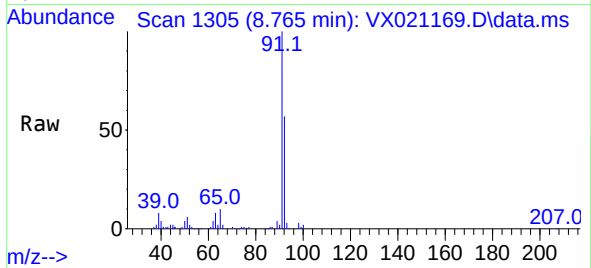




#52
Toluene
Concen: 3.54 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

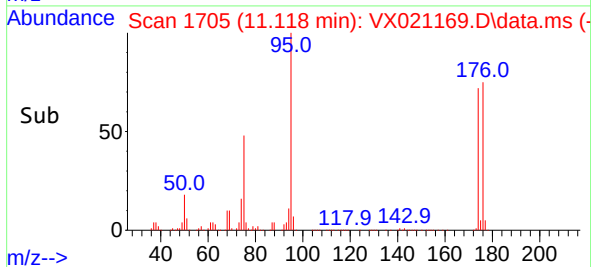
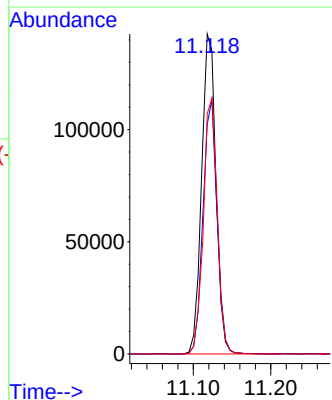
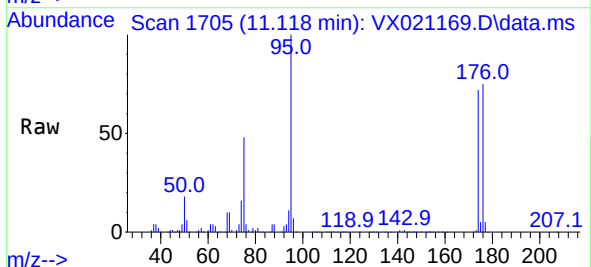
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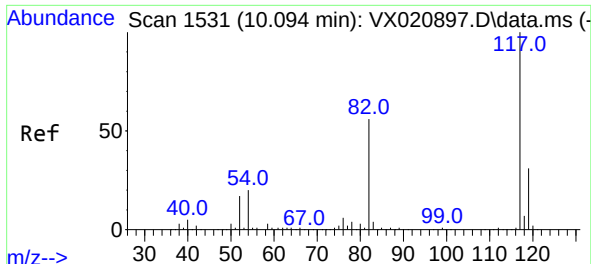
Tgt Ion: 92 Resp: 22736
Ion Ratio Lower Upper
92 100
91 171.1 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 57.70 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

Tgt Ion: 95 Resp: 183088
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 77.8 0.0 155.8

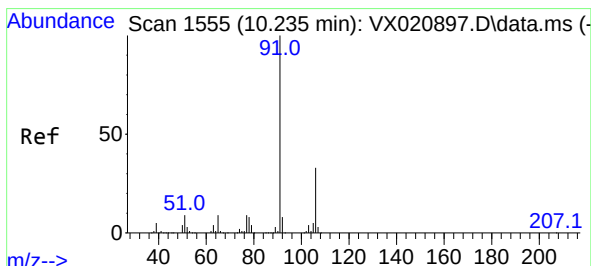
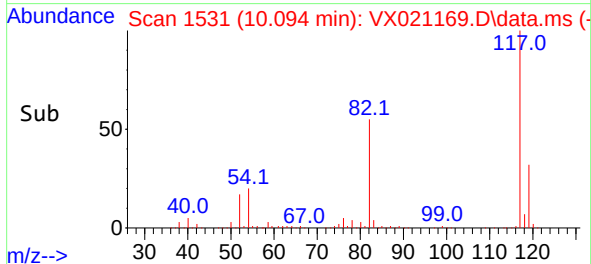
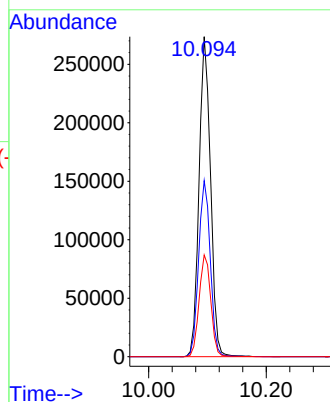
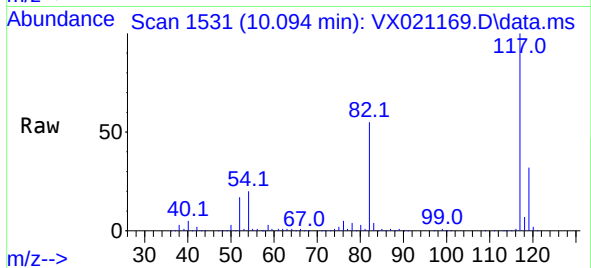




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

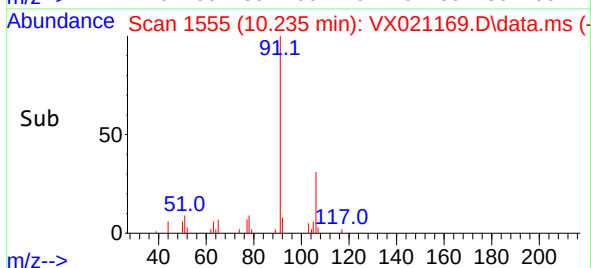
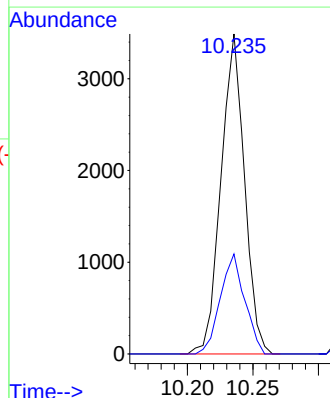
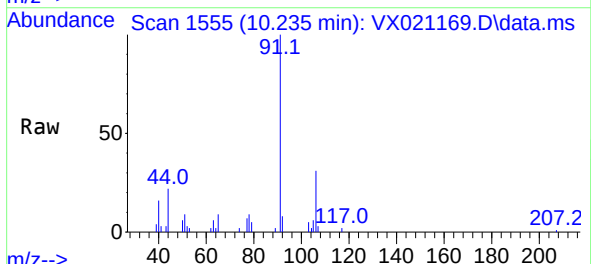
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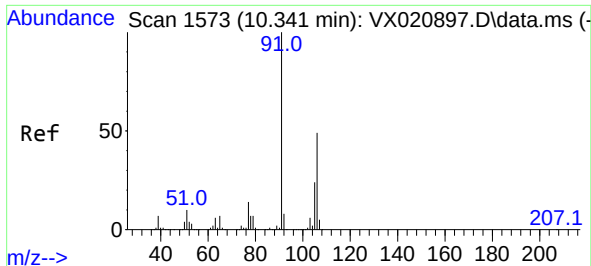
Tgt Ion:117 Resp: 370047
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 31.8 26.6 39.8



#67
Ethyl Benzene
Concen: 0.31 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

Tgt Ion: 91 Resp: 4341
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0

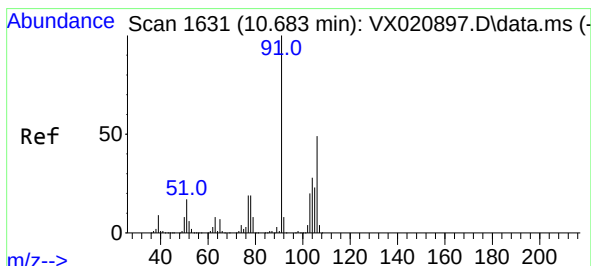
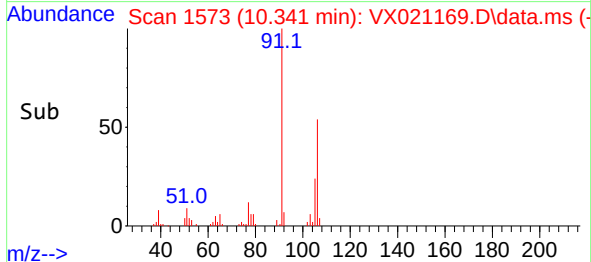
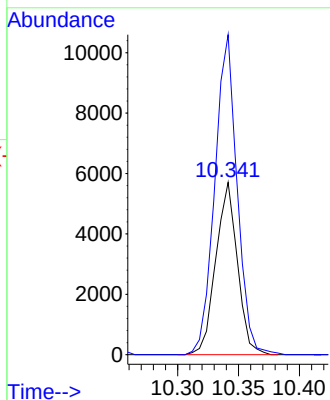
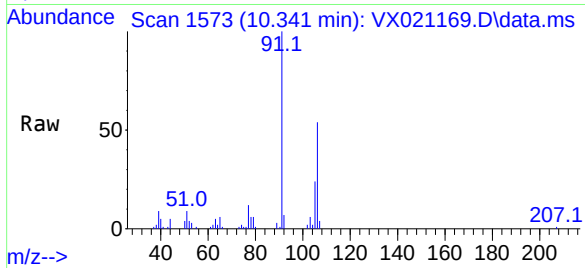




#68
m/p-Xylenes
Concen: 1.35 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

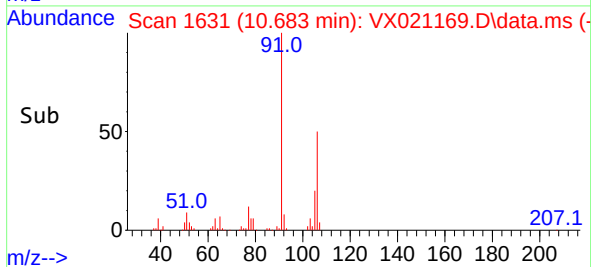
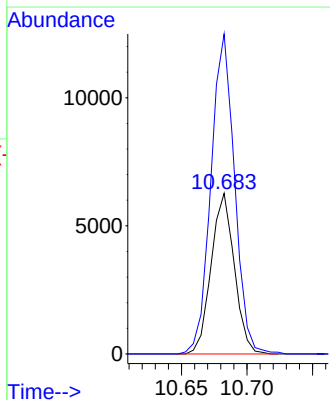
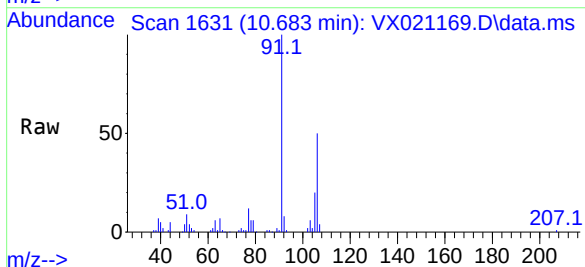
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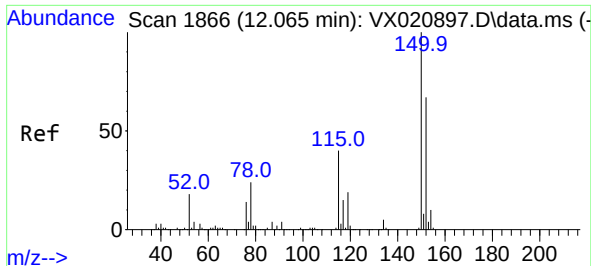
Tgt Ion:106 Resp: 7044
Ion Ratio Lower Upper
106 100
91 192.4 162.8 244.2



#69
o-Xylene
Concen: 1.52 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

Tgt Ion:106 Resp: 7701
Ion Ratio Lower Upper
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91 203.1 108.1 324.2

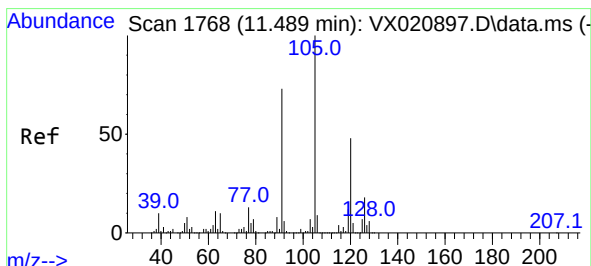
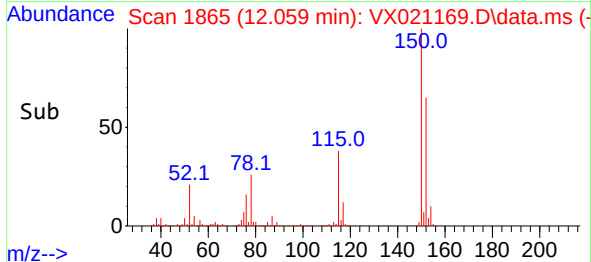
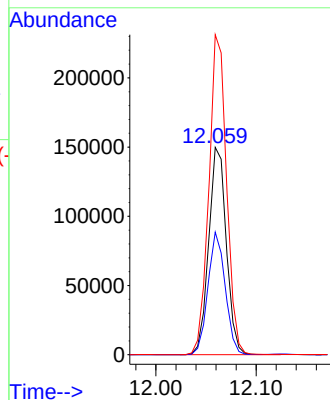
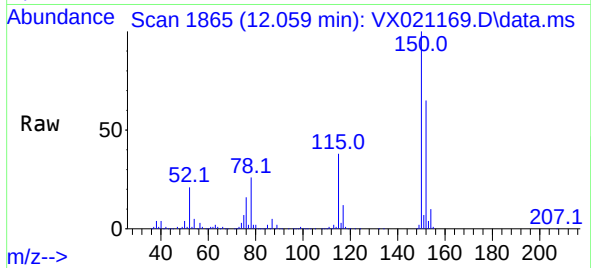




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

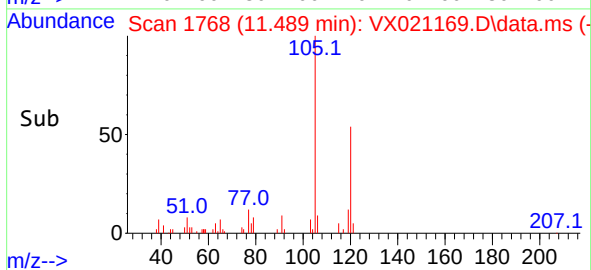
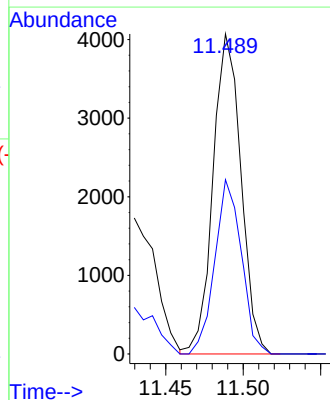
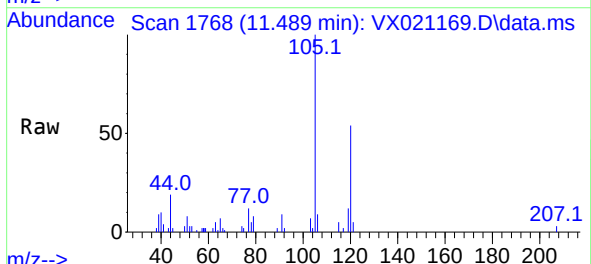
Instrument :
MSVOA_X
ClientSampleId :
40989DL

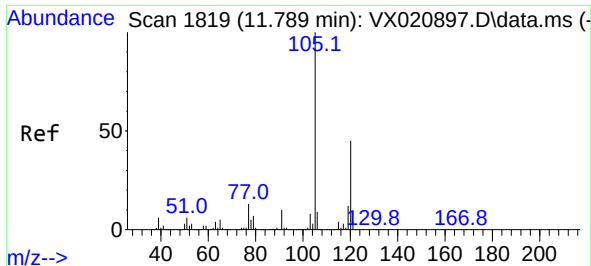
Tgt Ion:152 Resp: 183659
Ion Ratio Lower Upper
152 100
115 57.8 41.1 123.3
150 154.9 0.0 349.0



#80
1,3,5-Trimethylbenzene
Concen: 0.42 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

Tgt Ion:105 Resp: 5097
Ion Ratio Lower Upper
105 100
120 51.8 23.8 71.5

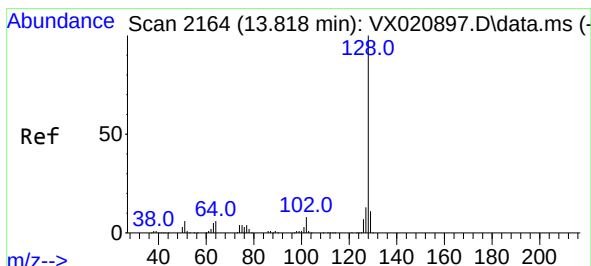
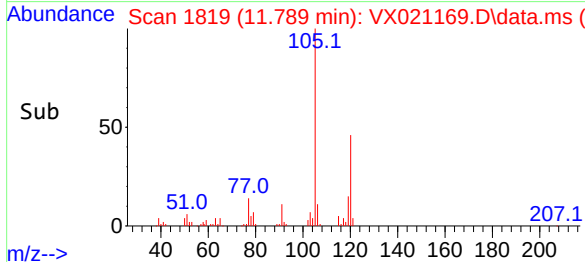
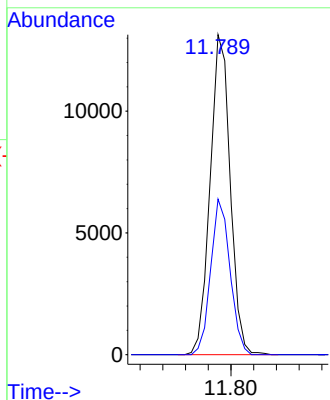
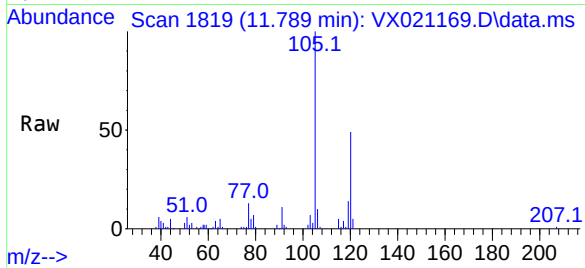




#84
1,2,4-Trimethylbenzene
Concen: 1.32 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

Instrument :
MSVOA_X
ClientSampled :
40989DL

Tgt Ion:105 Resp: 16137
Ion Ratio Lower Upper
105 100
120 46.8 22.4 67.3



#95
Naphthalene
Concen: 0.62 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021169.D
Acq: 11 Mar 2021 20:18

Tgt Ion:128 Resp: 8293
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.4 8.8 13.2

