

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021249.D
 Acq On : 16 Mar 2021 17:12
 Operator : JC/MD
 Sample : M1648-07DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP1-41727:28DL

Quant Time: Mar 17 02:40:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

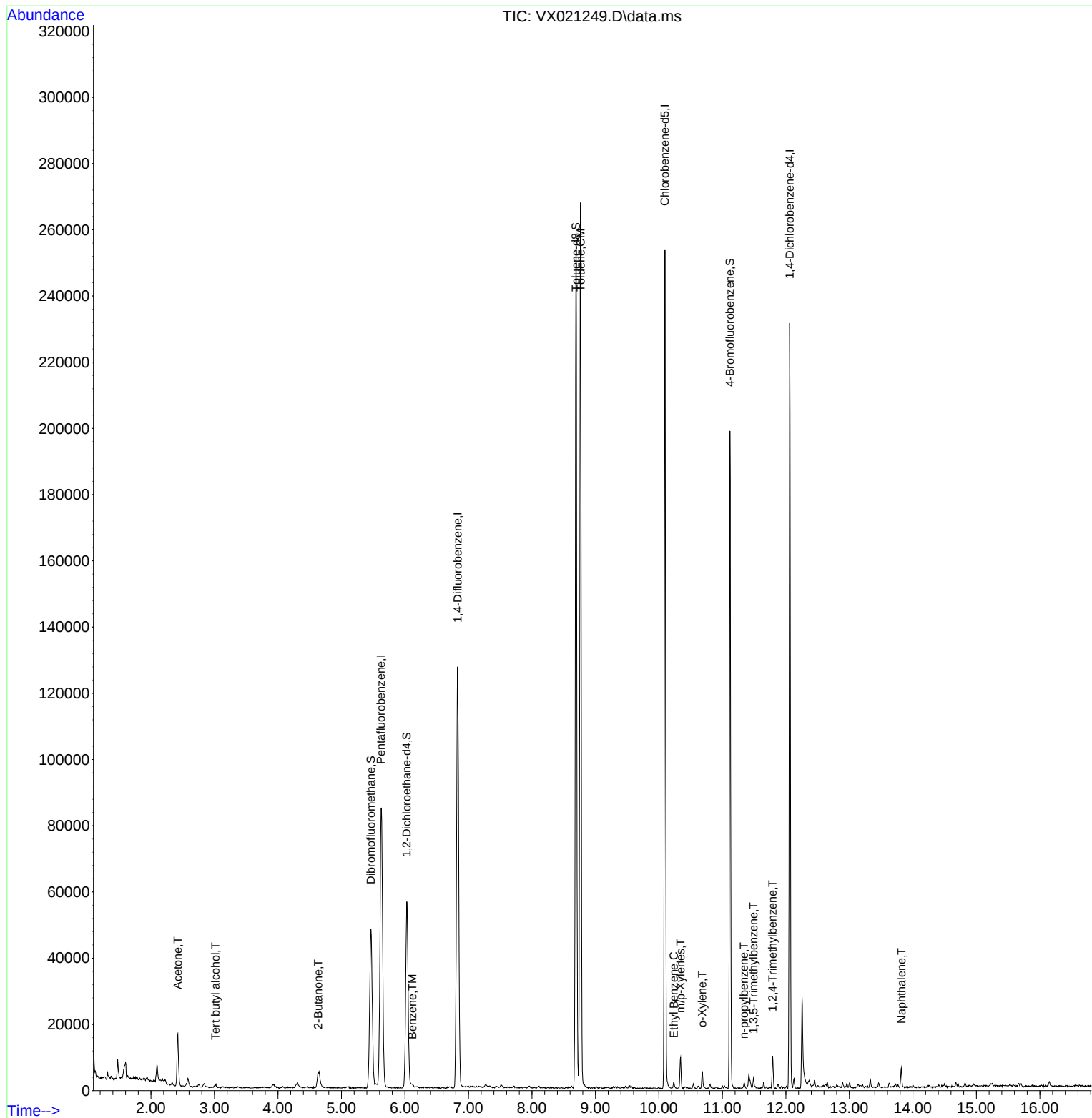
Internal Standards						
1) Pentafluorobenzene	5.623	168	74629	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	119782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	98574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	41969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	55002	44.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.86%		
35) Dibromofluoromethane	5.464	113	39855	48.90	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.80%		
50) Toluene-d8	8.694	98	144965	49.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.04%		
62) 4-Bromofluorobenzene	11.118	95	50912	44.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.66%		
Target Compounds						
11) Tert butyl alcohol	3.017	59	803	3.90	ug/l #	86
16) Acetone	2.422	43	16521	36.68	ug/l	92
25) 2-Butanone	4.635	43	8524	12.31	ug/l #	89
40) Benzene	6.117	78	1014	0.30	ug/l #	79
52) Toluene	8.765	92	92937	45.19	ug/l	96
67) Ethyl Benzene	10.235	91	1158	0.31	ug/l	93
68) m/p-Xylenes	10.341	106	1911	1.43	ug/l	86
69) o-Xylene	10.682	106	845	0.65	ug/l	96
78) n-propylbenzene	11.341	91	1162	0.32	ug/l	95
80) 1,3,5-Trimethylbenzene	11.488	105	1045	0.40	ug/l	99
84) 1,2,4-Trimethylbenzene	11.788	105	3878	1.45	ug/l	95
95) Naphthalene	13.818	128	3481	1.17	ug/l	97

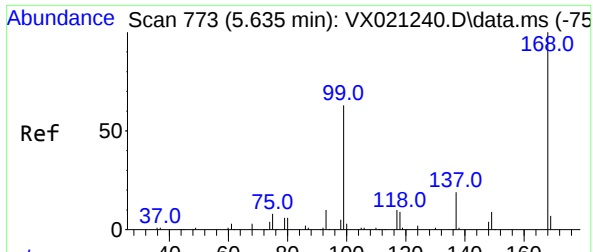
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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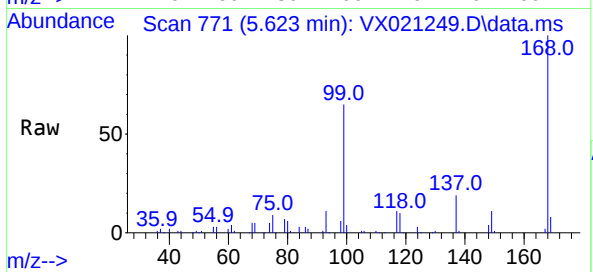
Quant Time: Mar 17 02:40:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration



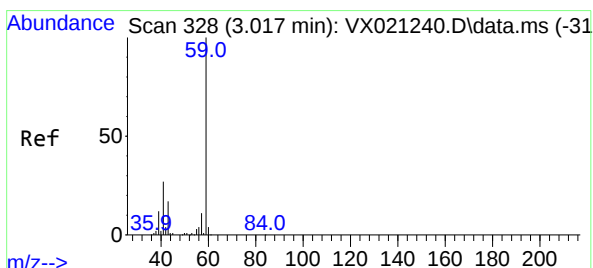
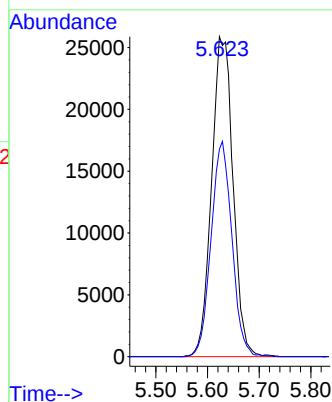
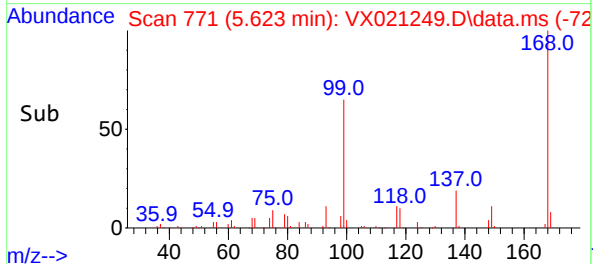


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

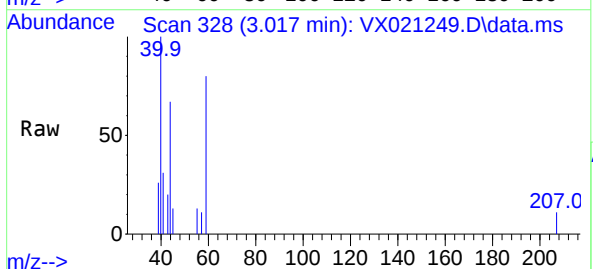
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28DL



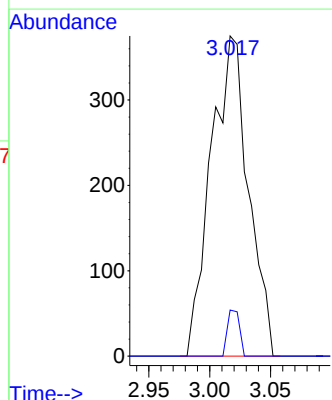
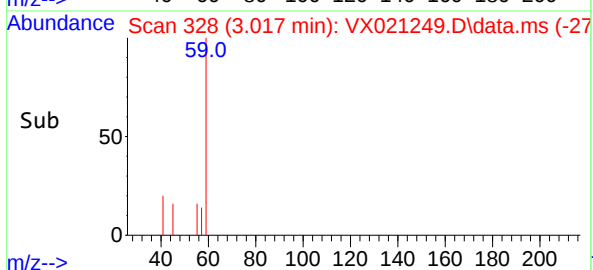
Tgt Ion:168 Resp: 74629
Ion Ratio Lower Upper
168 100
99 64.8 45.8 68.6

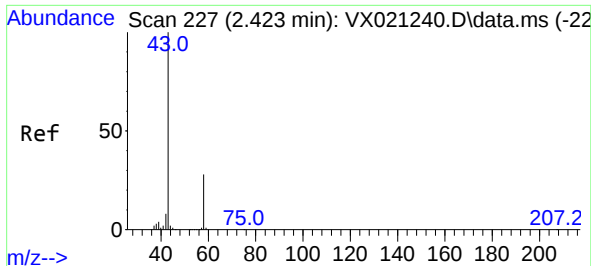


#11
Tert butyl alcohol
Concen: 3.90 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12



Tgt Ion: 59 Resp: 803
Ion Ratio Lower Upper
59 100
57 4.6 7.8 11.8#

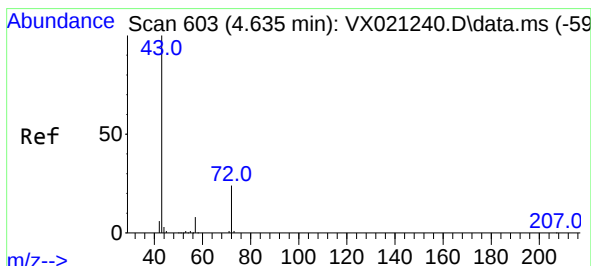
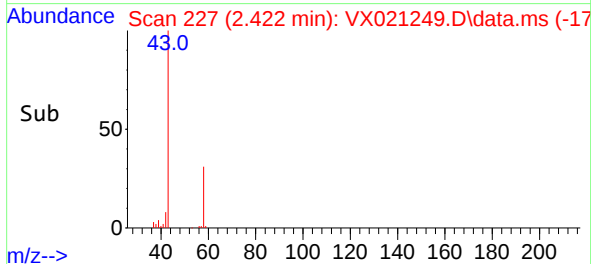
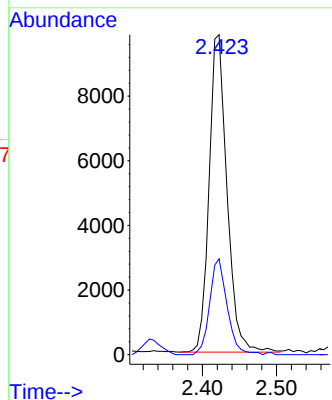
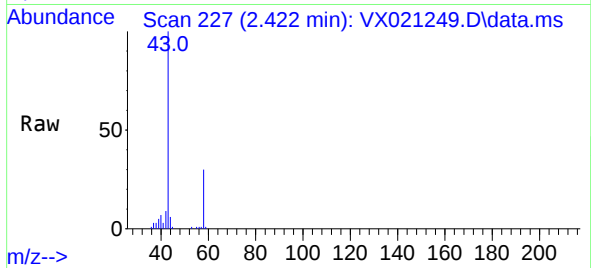




#16
Acetone
Concen: 36.68 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

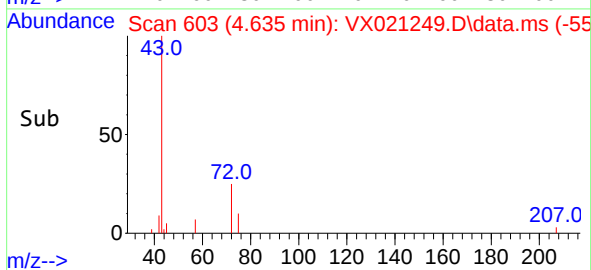
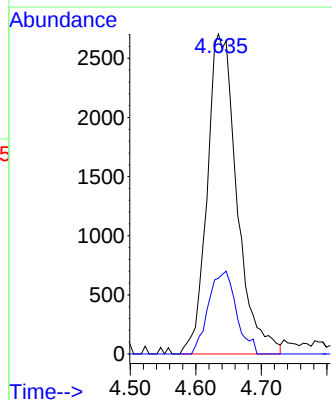
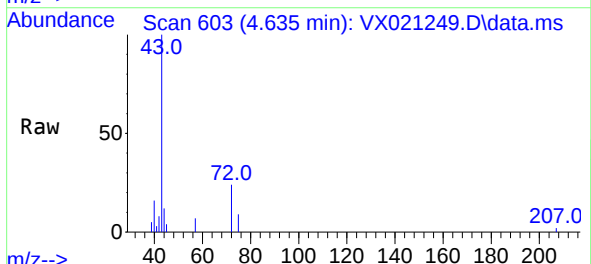
Instrument :
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ClientSampleId :
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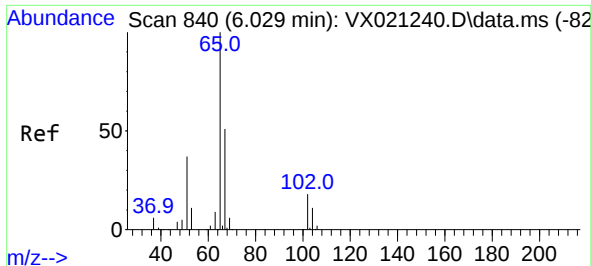
Tgt Ion: 43 Resp: 16521
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8



#25
2-Butanone
Concen: 12.31 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

Tgt Ion: 43 Resp: 8524
Ion Ratio Lower Upper
43 100
72 23.7 23.7 35.5#



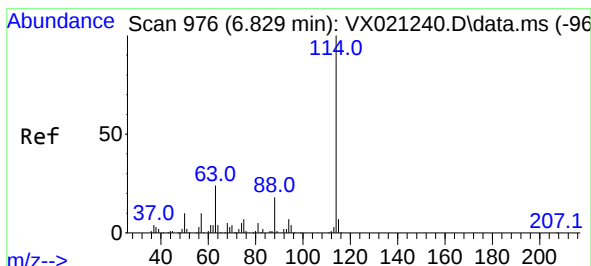
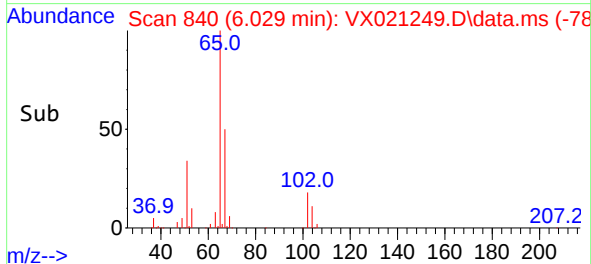
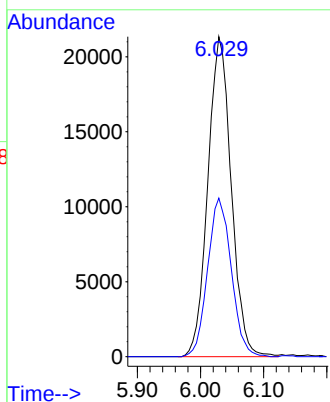
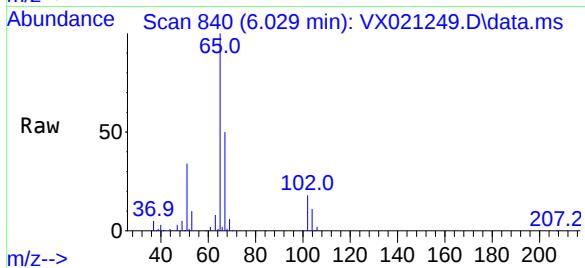


#33

1,2-Dichloroethane-d4
Concen: 44.93 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28DL

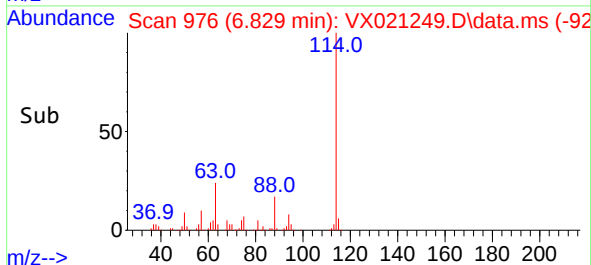
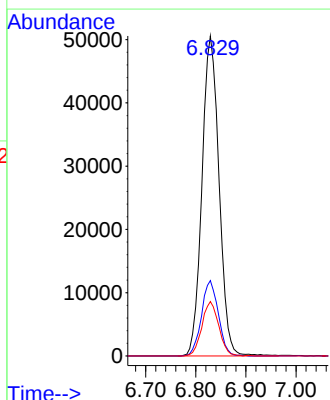
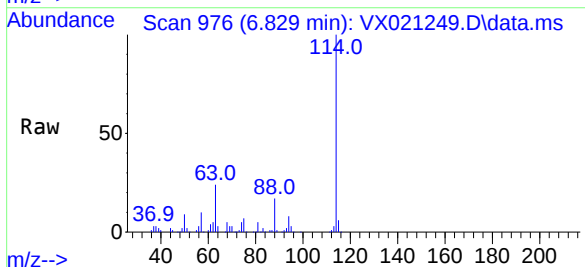
Tgt Ion: 65 Resp: 55002
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

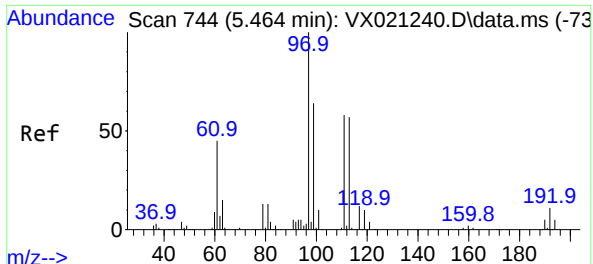


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

Tgt Ion: 114 Resp: 119782
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 17.0 0.0 32.8

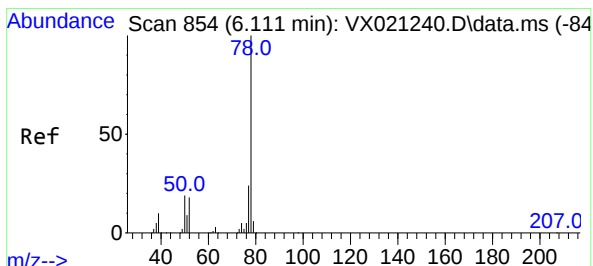
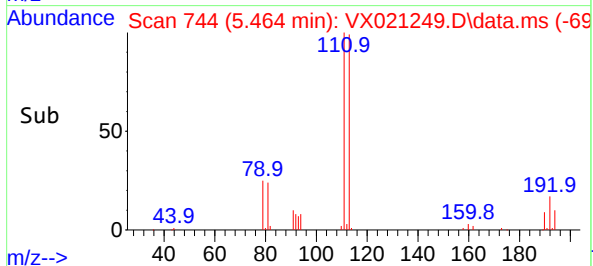
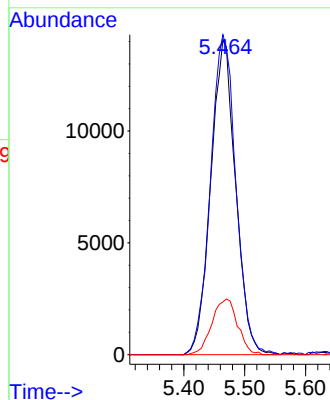
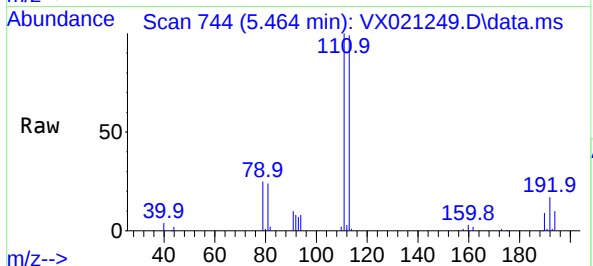




#35
Dibromofluoromethane
Concen: 48.90 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

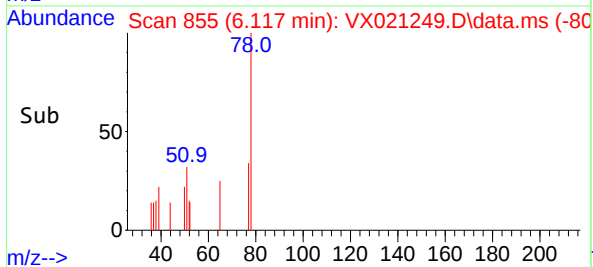
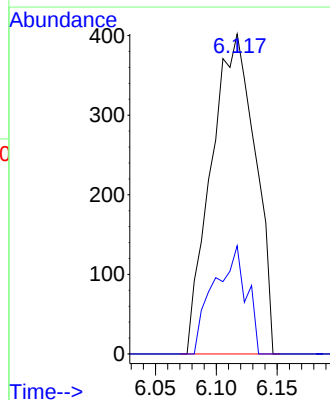
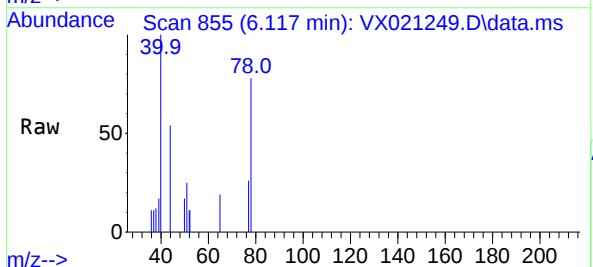
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28DL

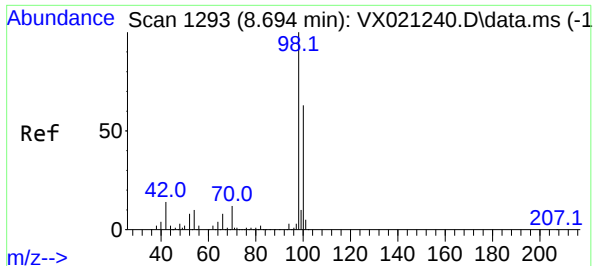
Tgt Ion:113 Resp: 39855
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 18.3 16.7 25.1



#40
Benzene
Concen: 0.30 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

Tgt Ion: 78 Resp: 1014
Ion Ratio Lower Upper
78 100
77 33.8 18.9 28.3#

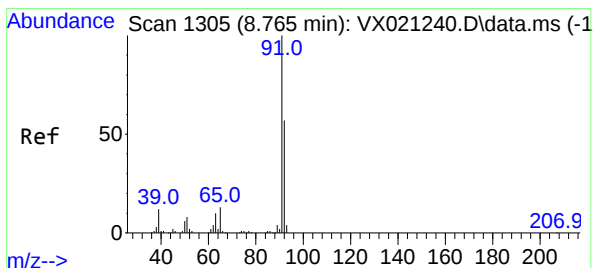
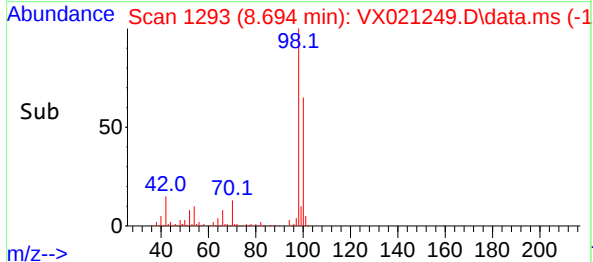
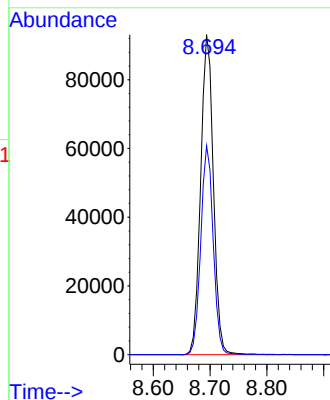
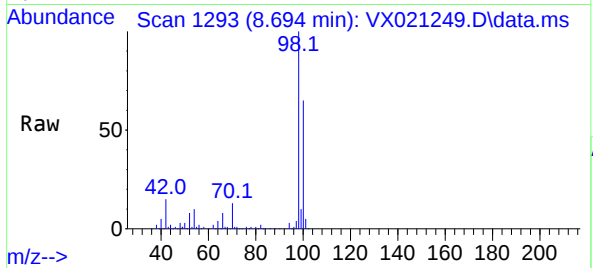




#50
Toluene-d8
Concen: 49.02 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

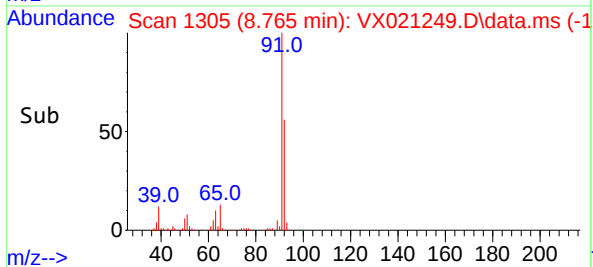
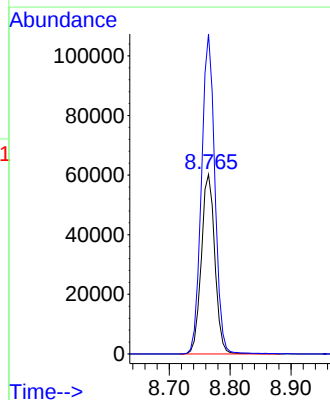
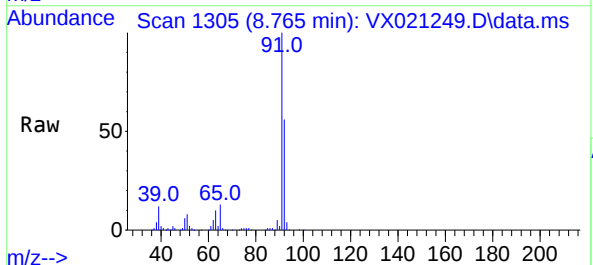
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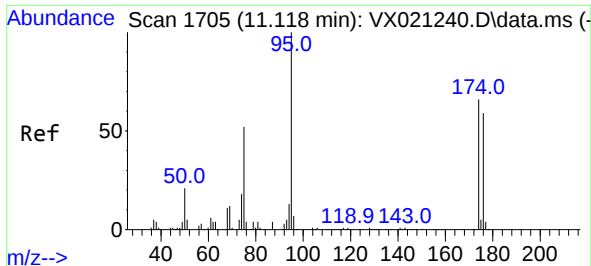
Tgt Ion: 98 Resp: 144965
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#52
Toluene
Concen: 45.19 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

Tgt Ion: 92 Resp: 92937
Ion Ratio Lower Upper
92 100
91 177.0 137.1 205.7

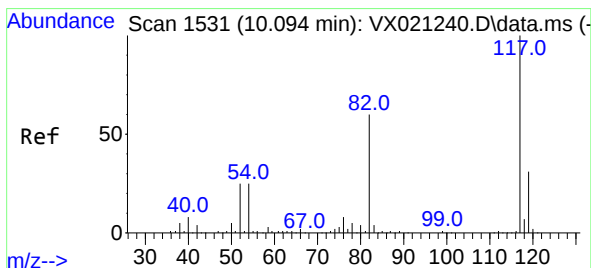
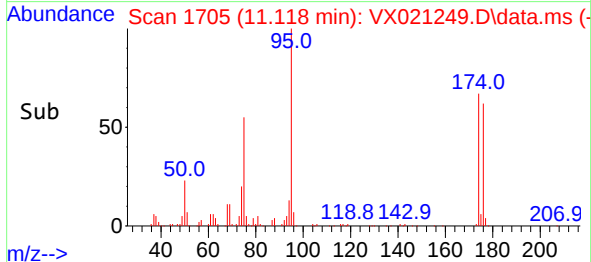
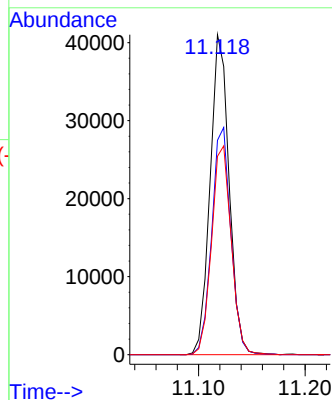
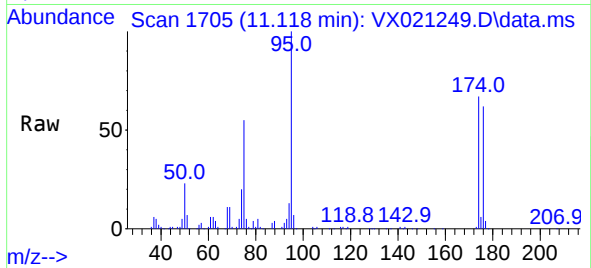




#62
4-Bromofluorobenzene
Concen: 44.33 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

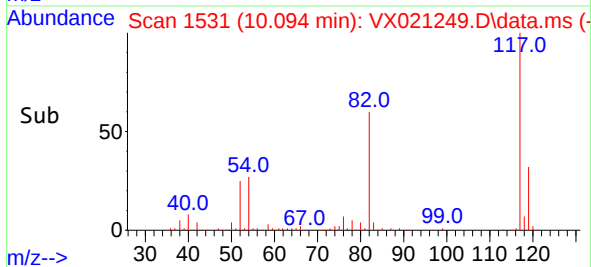
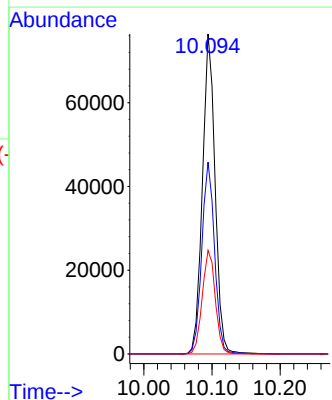
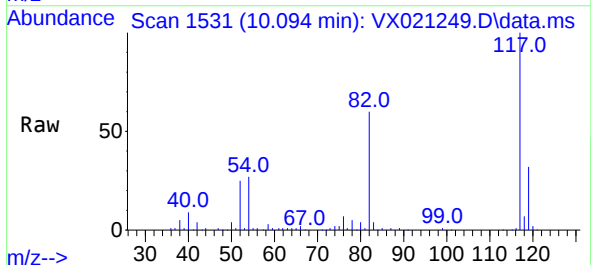
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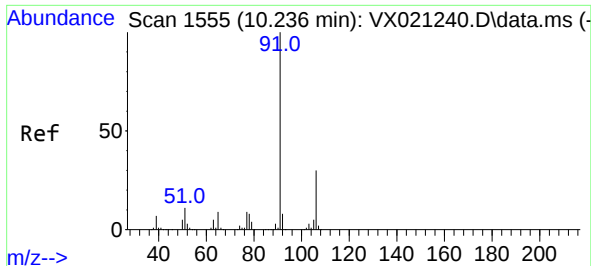
Tgt Ion:	95	Resp:	50912
Ion Ratio	Lower	Upper	
95	100		
174	71.6	0.0	154.6
176	67.6	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

Tgt Ion:	117	Resp:	98574
Ion Ratio	Lower	Upper	
117	100		
82	59.9	47.4	71.2
119	32.3	26.6	39.8

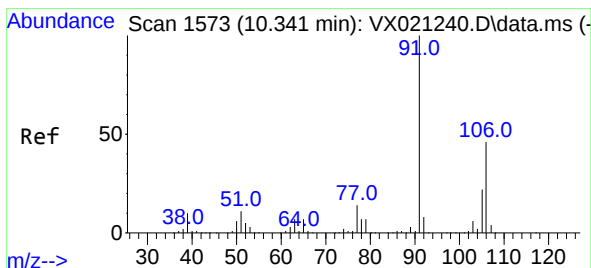
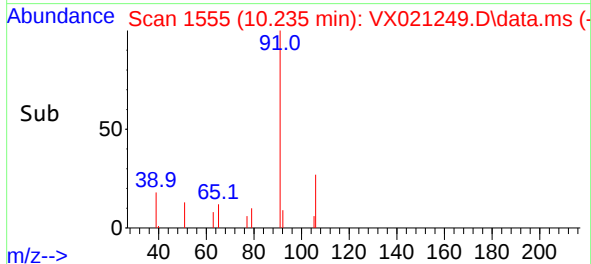
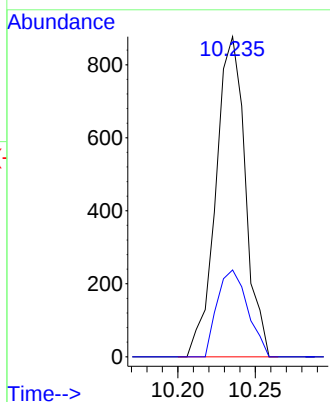
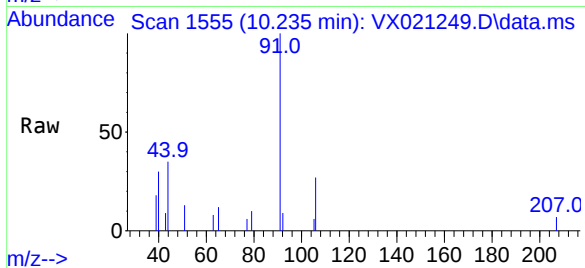




#67
Ethyl Benzene
Concen: 0.31 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

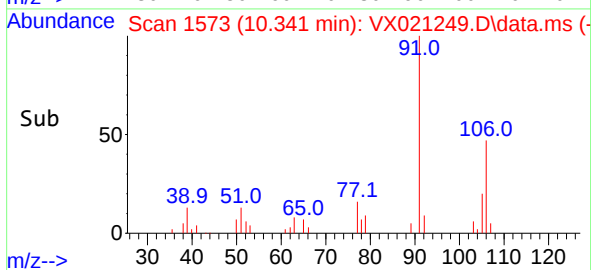
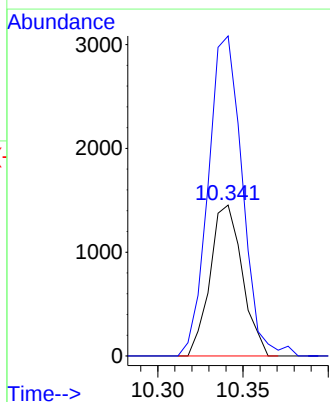
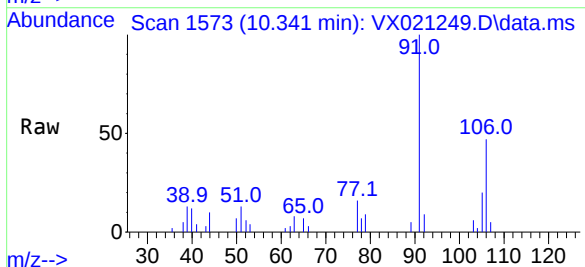
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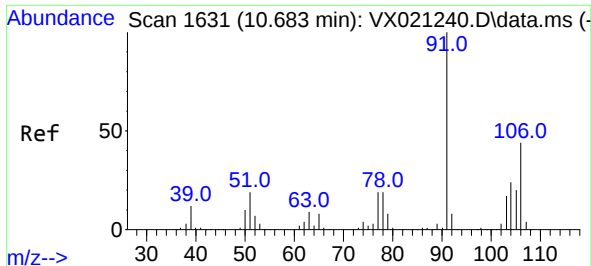
Tgt Ion: 91 Resp: 1158
Ion Ratio Lower Upper
91 100
106 27.1 24.6 37.0



#68
m/p-Xylenes
Concen: 1.43 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

Tgt Ion: 106 Resp: 1911
Ion Ratio Lower Upper
106 100
91 224.6 162.8 244.2

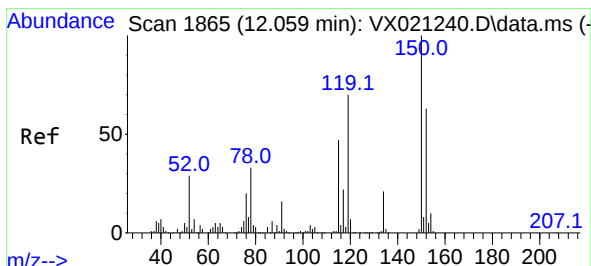
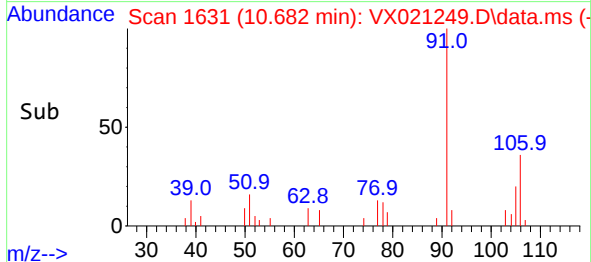
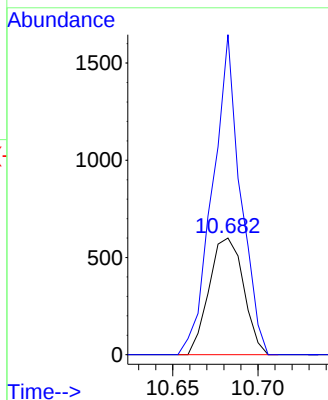
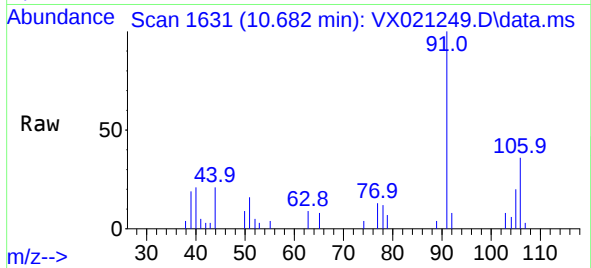




#69
o-Xylene
Concen: 0.65 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

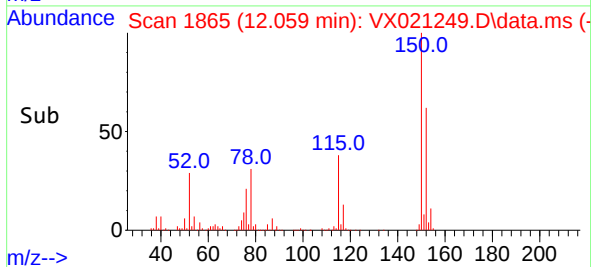
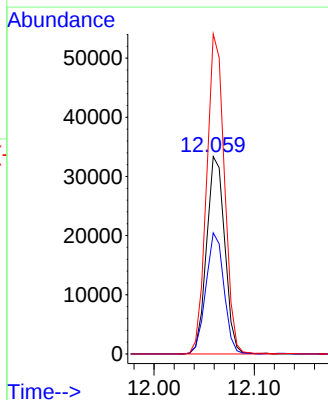
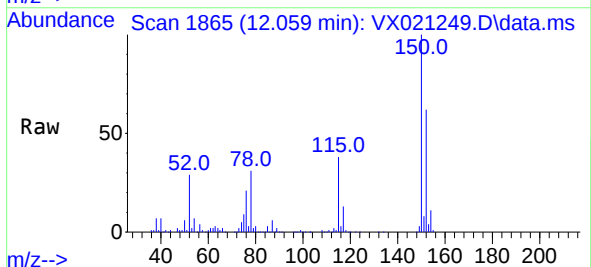
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28DL

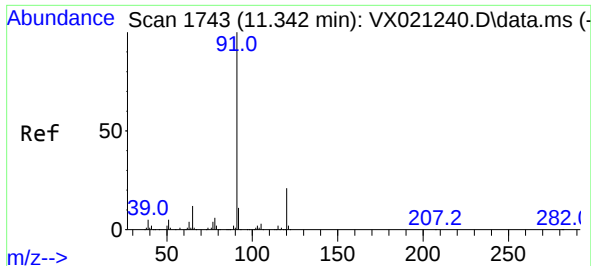
Tgt Ion:106 Resp: 845
Ion Ratio Lower Upper
106 100
91 223.1 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

Tgt Ion:152 Resp: 41969
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 158.7 0.0 349.0

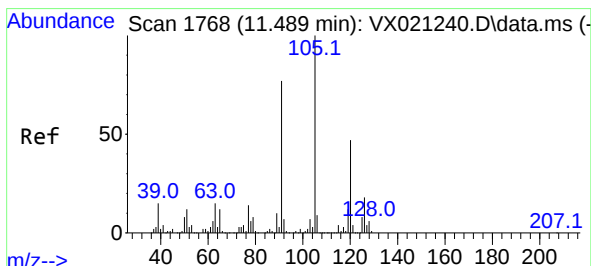
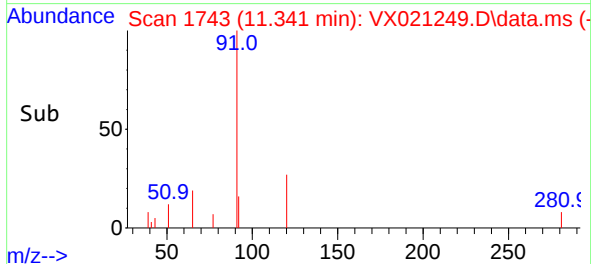
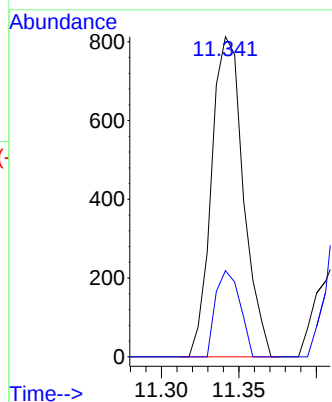
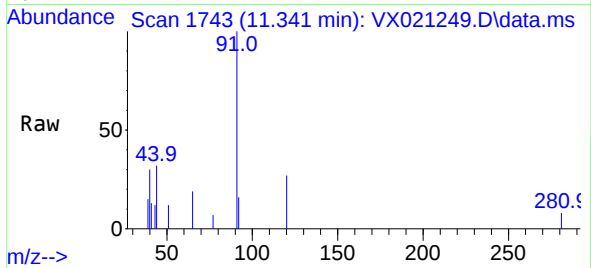




#78
n-propylbenzene
Concen: 0.32 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.001 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

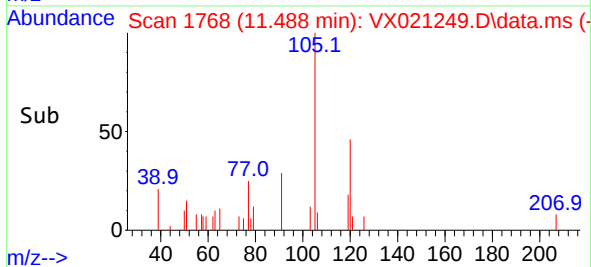
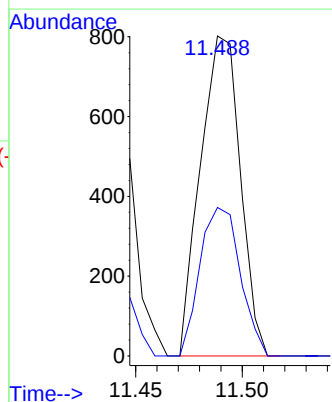
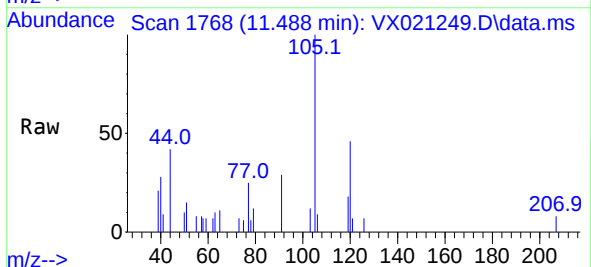
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28DL

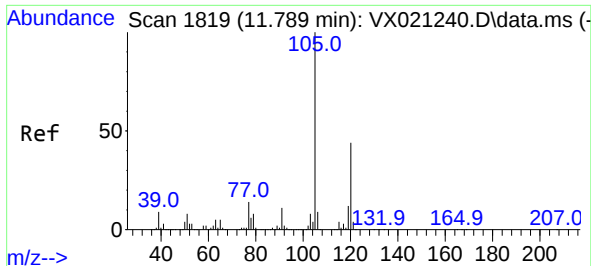
Tgt Ion: 91 Resp: 1162
Ion Ratio Lower Upper
91 100
120 20.5 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 0.40 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. -0.001 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

Tgt Ion: 105 Resp: 1045
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.5

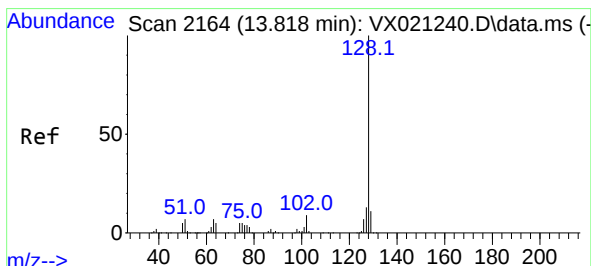
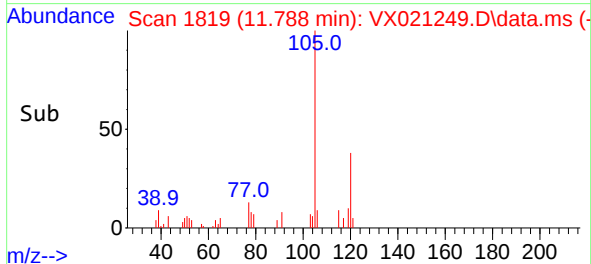
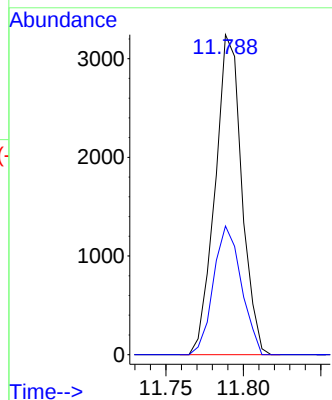
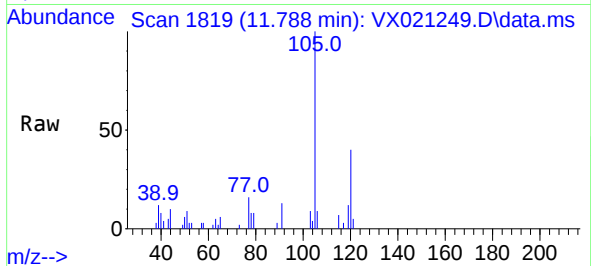




#84
1,2,4-Trimethylbenzene
Concen: 1.45 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28DL

Tgt Ion:105 Resp: 3878
Ion Ratio Lower Upper
105 100
120 42.0 22.4 67.3



#95
Naphthalene
Concen: 1.17 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021249.D
Acq: 16 Mar 2021 17:12

Tgt Ion:128 Resp: 3481
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 10.7 8.8 13.2

