

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021229.D
 Acq On : 16 Mar 2021 03:28
 Operator : JC/MD
 Sample : M1667-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-TOTE-COMP

Quant Time: Mar 16 04:44:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

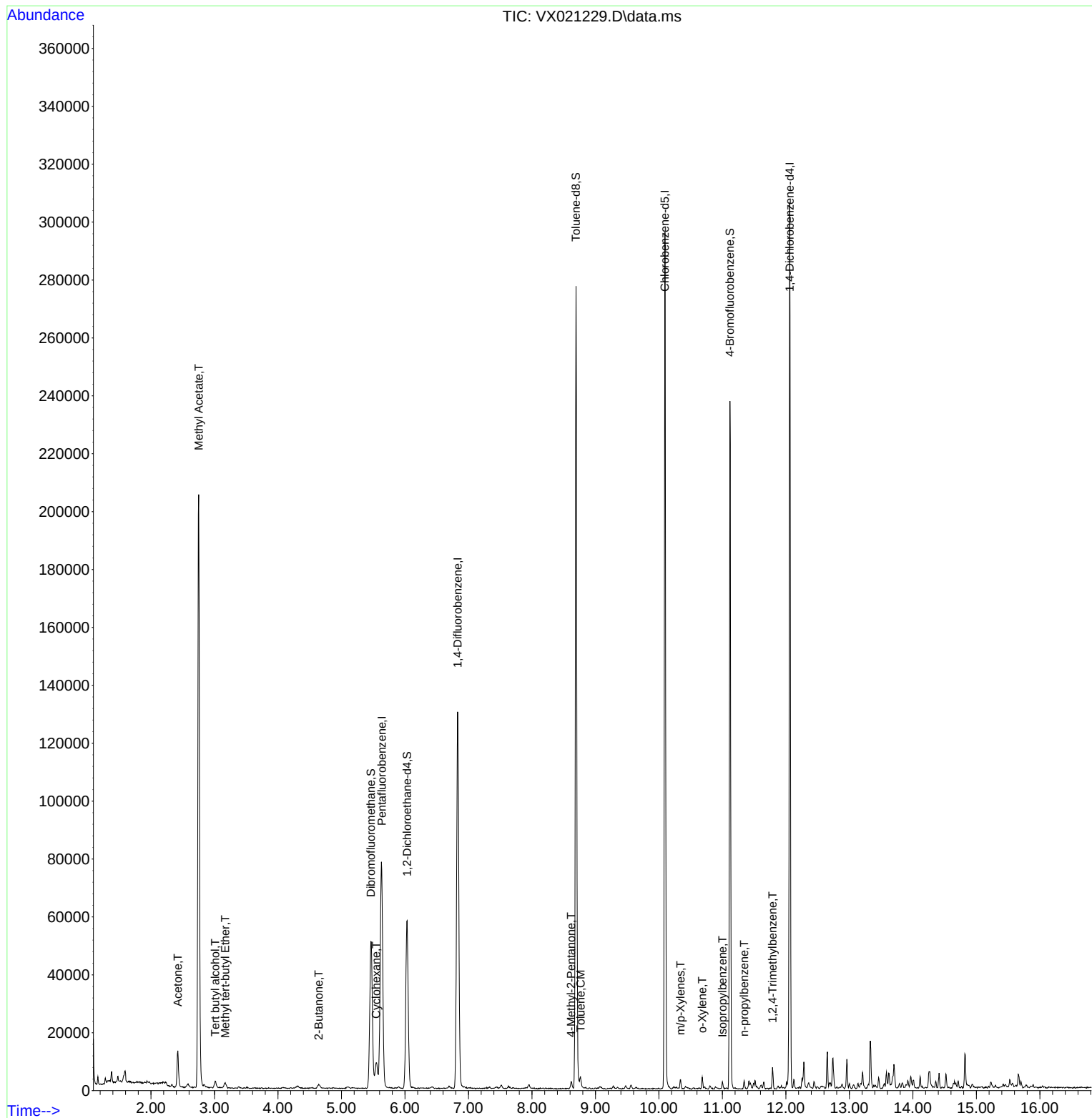
Internal Standards								
1) Pentafluorobenzene			5.635	168	67705	50.00	ug/l	0.01
34) 1,4-Difluorobenzene			6.829	114	121840	50.00	ug/l	0.00
63) Chlorobenzene-d5			10.094	117	117752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			12.059	152	54797	50.00	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			6.035	65	57779	50.05	ug/l	0.00
Spiked Amount 50.000			Range	61 - 141	Recovery	= 100.10%		
35) Dibromofluoromethane			5.464	113	42613	50.83	ug/l	0.00
Spiked Amount 50.000			Range	69 - 133	Recovery	= 101.66%		
50) Toluene-d8			8.694	98	152882	50.77	ug/l	0.00
Spiked Amount 50.000			Range	65 - 126	Recovery	= 101.54%		
62) 4-Bromofluorobenzene			11.118	95	62646	54.59	ug/l	0.00
Spiked Amount 50.000			Range	58 - 135	Recovery	= 109.18%		
Target Compounds								
								Qvalue
11) Tert butyl alcohol			3.011	59	2383	11.85	ug/l	# 93
16) Acetone			2.423	43	13440	28.96	ug/l	# 86
18) Methyl Acetate			2.752	43	243413	216.57	ug/l	# 88
19) Methyl tert-butyl Ether			3.170	73	1708	0.62	ug/l	94
25) 2-Butanone			4.641	43	2422	3.63	ug/l	# 87
31) Cyclohexane			5.547	56	5552	3.80	ug/l	# 89
51) 4-Methyl-2-Pentanone			8.617	43	1656	1.23	ug/l	# 85
52) Toluene			8.765	92	911	0.42	ug/l	90
68) m/p-Xylenes			10.341	106	742	0.46	ug/l	94
69) o-Xylene			10.682	106	686	0.44	ug/l	88
73) Isopropylbenzene			11.000	105	1089	0.26	ug/l	92
78) n-propylbenzene			11.341	91	1696	0.35	ug/l	90
84) 1,2,4-Trimethylbenzene			11.789	105	2009	0.56	ug/l	92

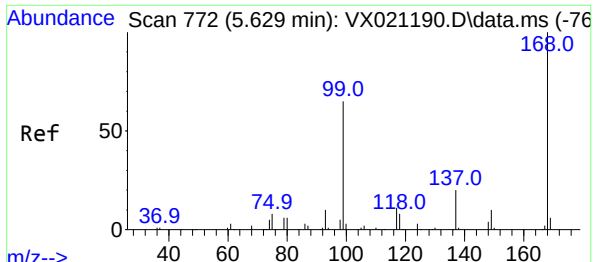
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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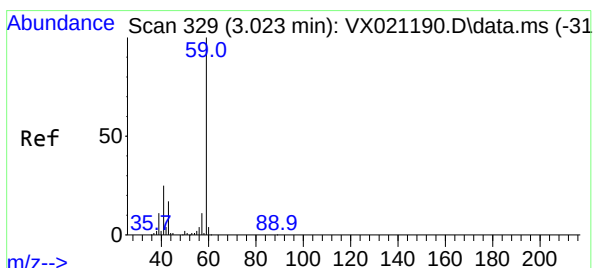
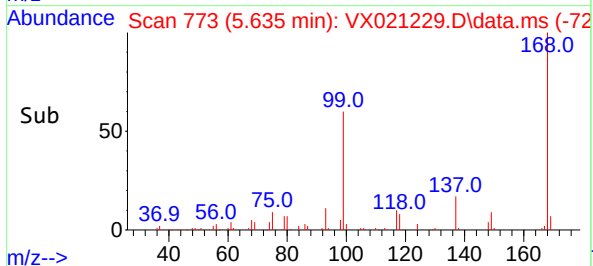
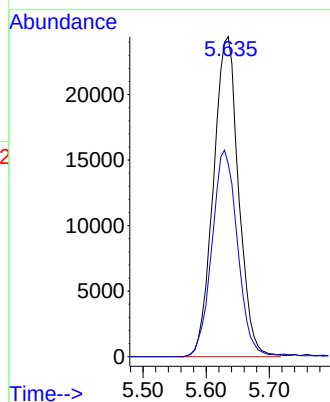
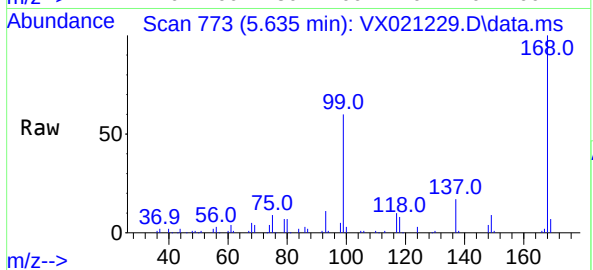




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

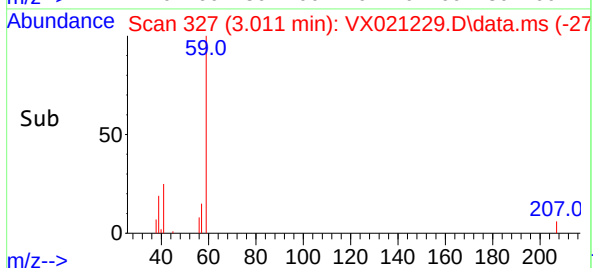
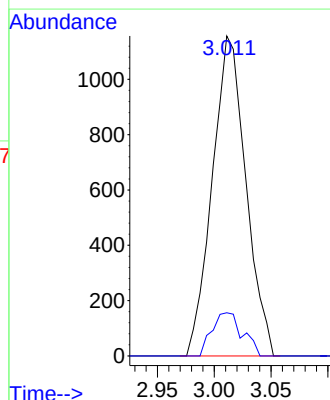
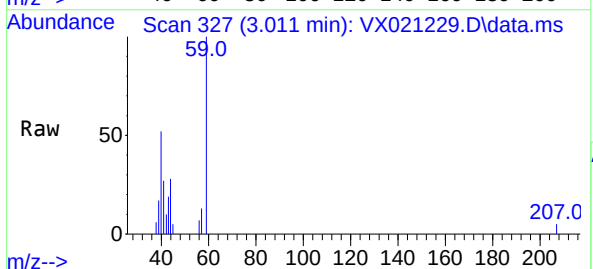
Instrument :
MSVOA_X
ClientSampleId :
DRUM-TOTE-COMP

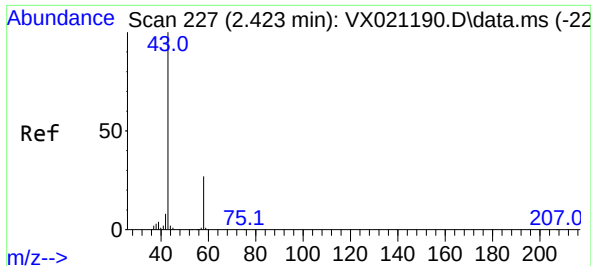
Tgt Ion:168 Resp: 67705
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#11
Tert butyl alcohol
Concen: 11.85 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

Tgt Ion: 59 Resp: 2383
Ion Ratio Lower Upper
59 100
57 12.3 7.8 11.8#

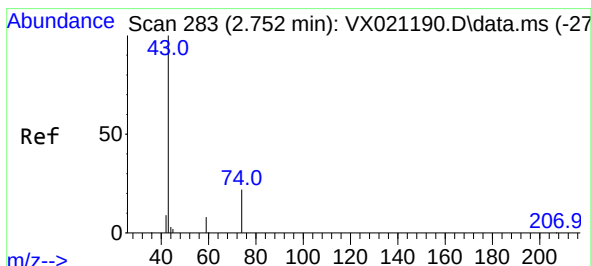
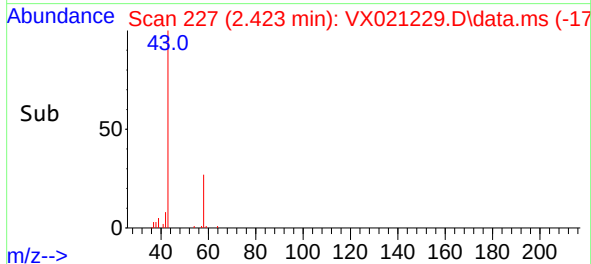
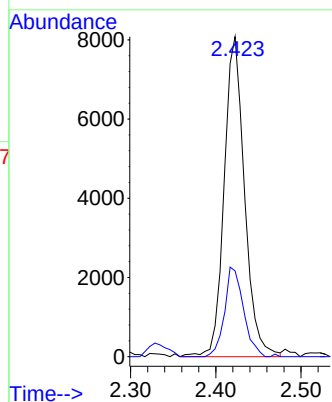
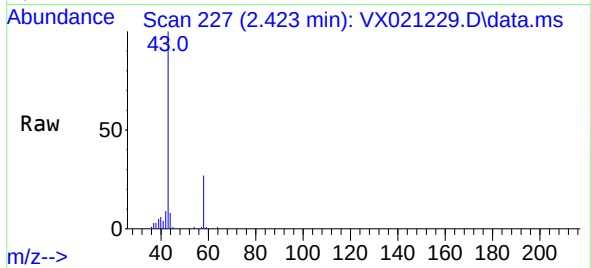




#16
Acetone
Concen: 28.96 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

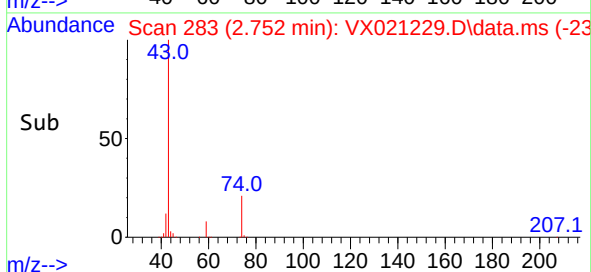
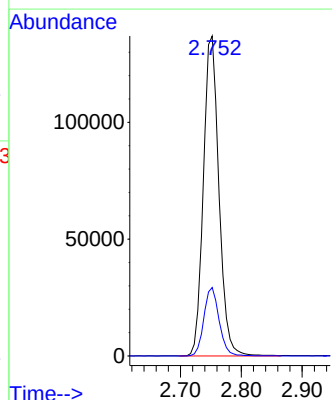
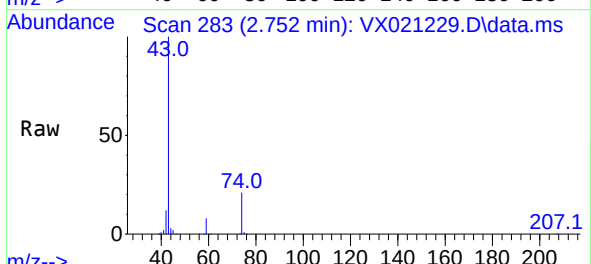
Instrument :
MSVOA_X
ClientSampleId :
DRUM-TOTE-COMP

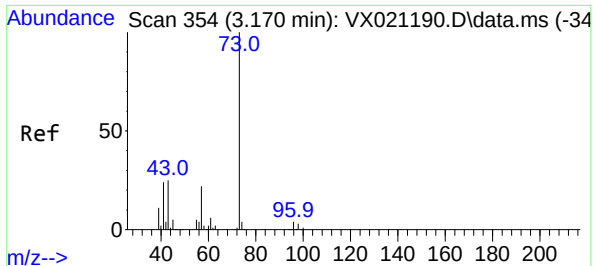
Tgt Ion: 43 Resp: 13440
Ion Ratio Lower Upper
43 100
58 26.8 27.8 41.8#



#18
Methyl Acetate
Concen: 216.57 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

Tgt Ion: 43 Resp: 243413
Ion Ratio Lower Upper
43 100
74 20.9 21.9 32.9#

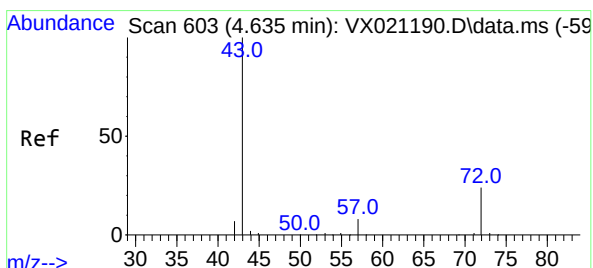
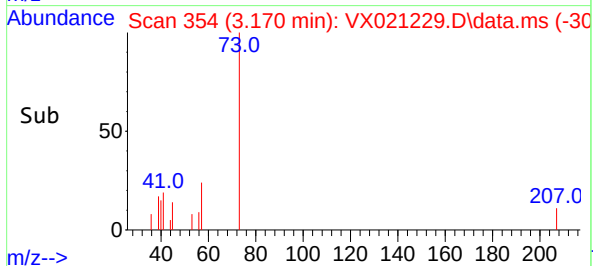
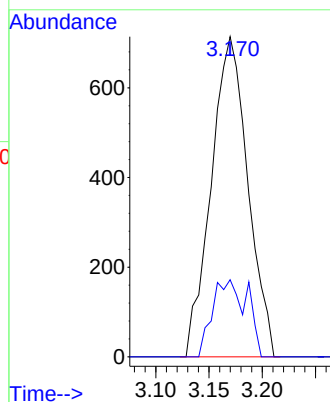
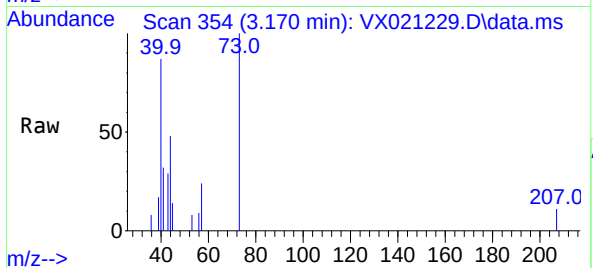




#19
Methyl tert-butyl Ether
Concen: 0.62 ug/l
RT: 3.170 min Scan# 354
Delta R.T. -0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

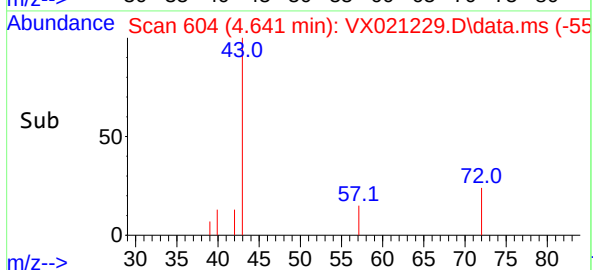
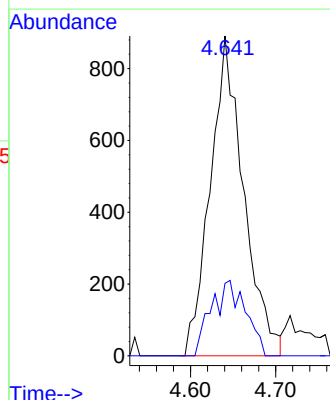
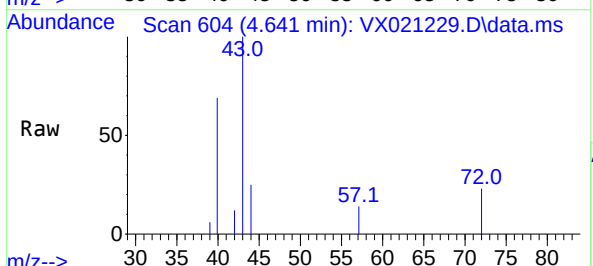
Instrument :
MSVOA_X
ClientSampleId :
DRUM-TOTE-COMP

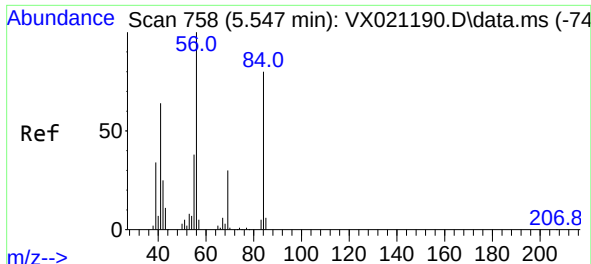
Tgt Ion: 73 Resp: 1708
Ion Ratio Lower Upper
73 100
57 24.1 17.1 25.7



#25
2-Butanone
Concen: 3.63 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

Tgt Ion: 43 Resp: 2422
Ion Ratio Lower Upper
43 100
72 22.7 23.7 35.5#

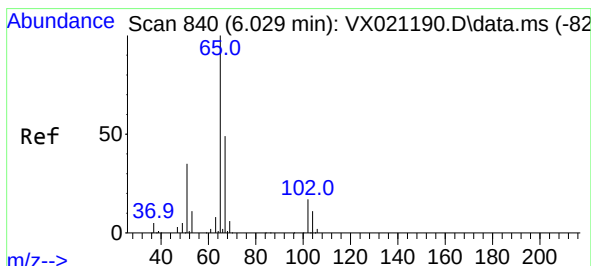
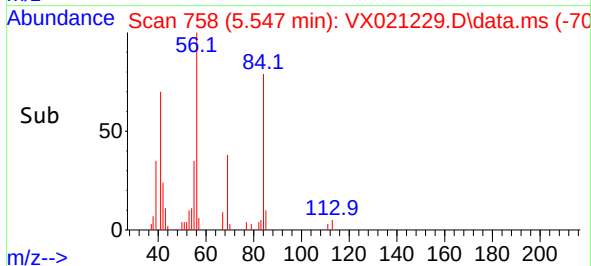
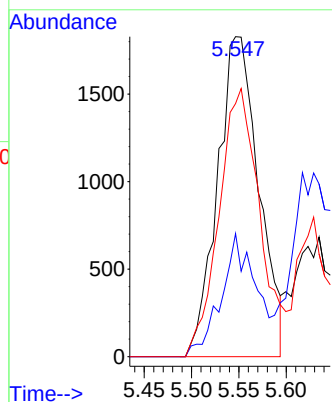
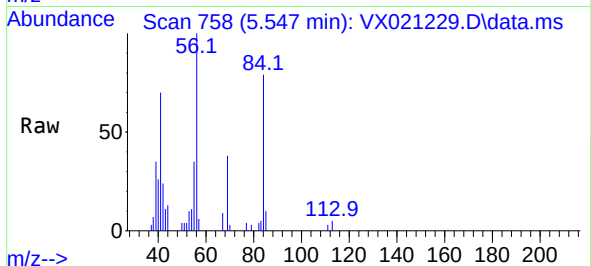




#31
Cyclohexane
Concen: 3.80 ug/l
RT: 5.547 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

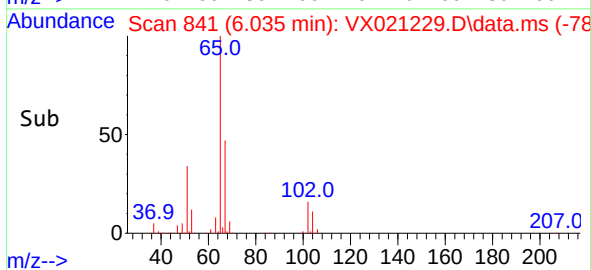
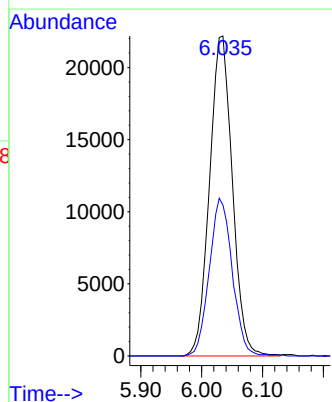
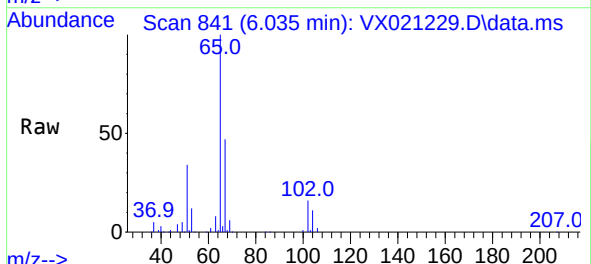
Instrument :
MSVOA_X
ClientSampleId :
DRUM-TOTE-COMP

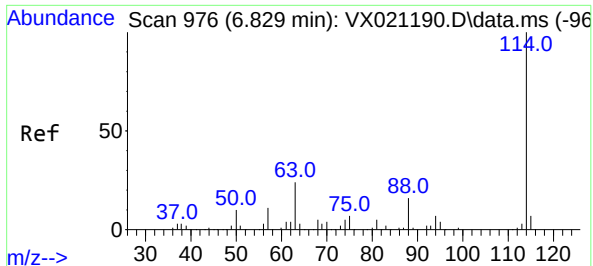
Tgt Ion: 56 Resp: 5552
Ion Ratio Lower Upper
56 100
69 38.5 25.3 37.9#
84 79.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.05 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

Tgt Ion: 65 Resp: 57779
Ion Ratio Lower Upper
65 100
67 49.5 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: VX021229.D

Acq: 16 Mar 2021 03:28

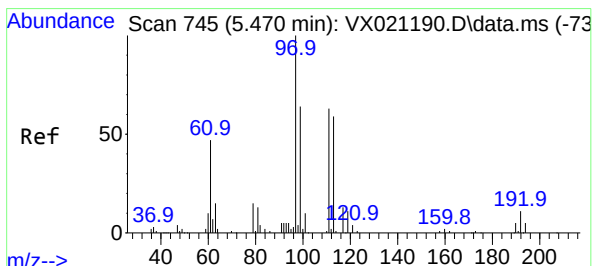
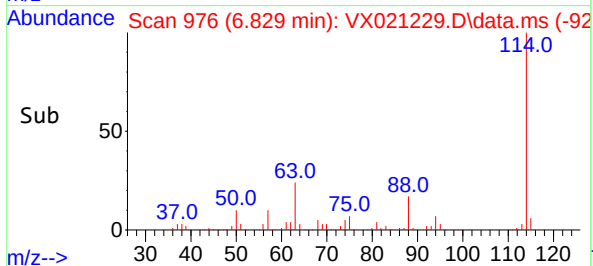
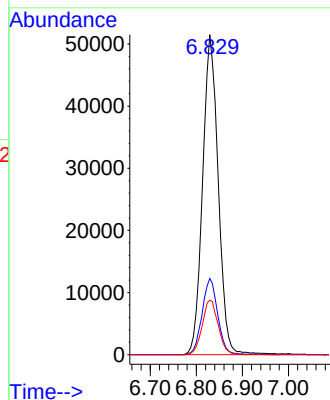
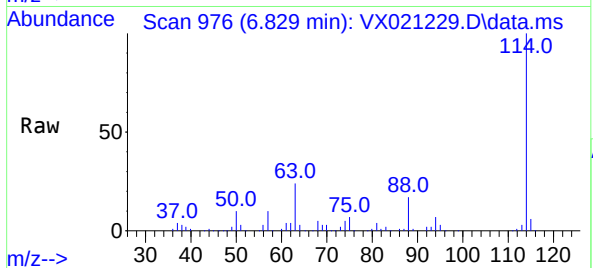
Tgt Ion:114 Resp: 121840

Ion Ratio Lower Upper

114 100

63 23.8 0.0 40.8

88 17.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.83 ug/l

RT: 5.464 min Scan# 744

Delta R.T. -0.000 min

Lab File: VX021229.D

Acq: 16 Mar 2021 03:28

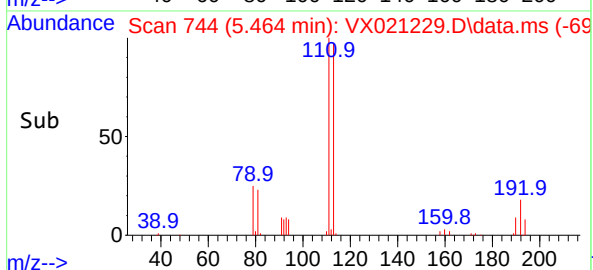
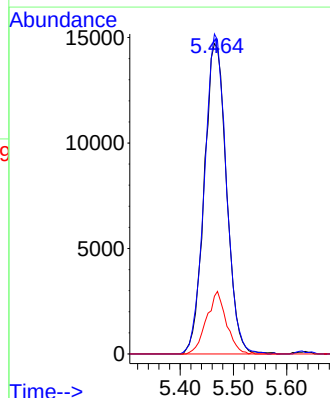
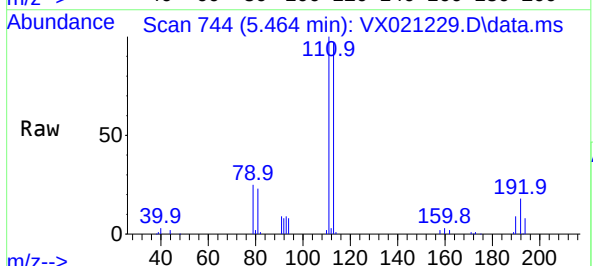
Tgt Ion:113 Resp: 42613

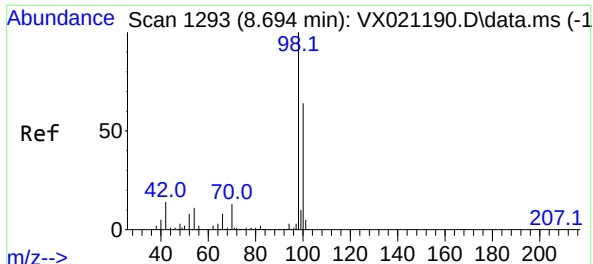
Ion Ratio Lower Upper

113 100

111 101.3 81.9 122.9

192 18.0 16.7 25.1

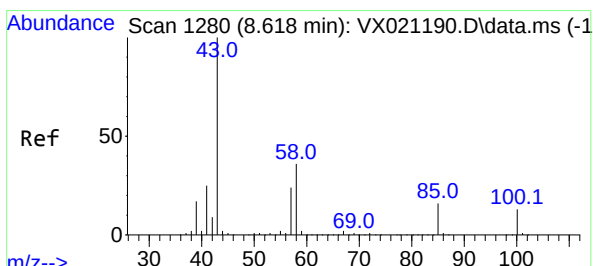
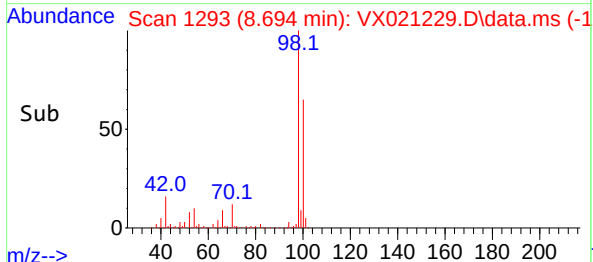
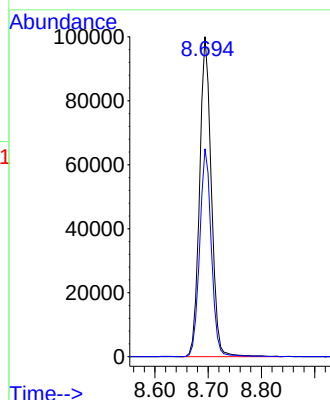
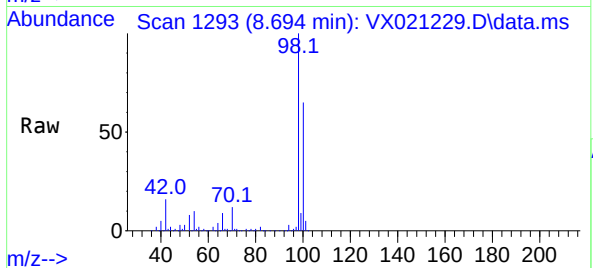




#50
Toluene-d8
Concen: 50.77 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

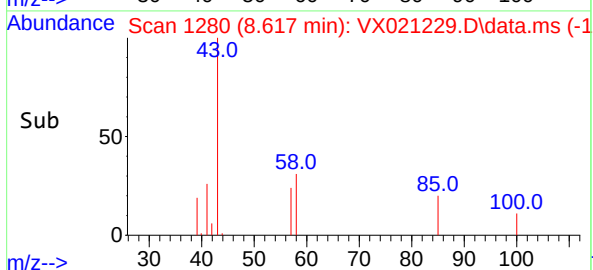
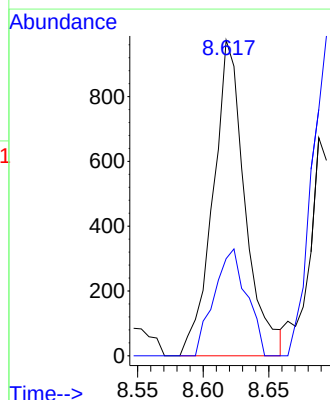
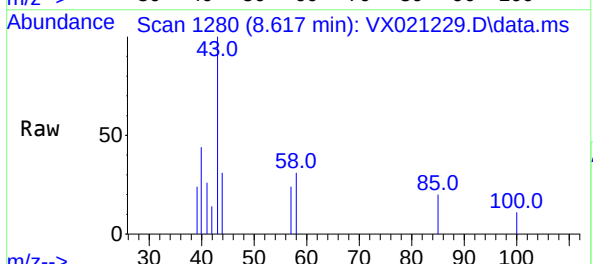
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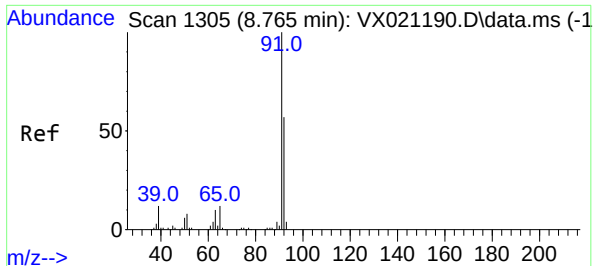
Tgt Ion: 98 Resp: 152882
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.23 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

Tgt Ion: 43 Resp: 1656
Ion Ratio Lower Upper
43 100
58 34.4 35.4 53.0#

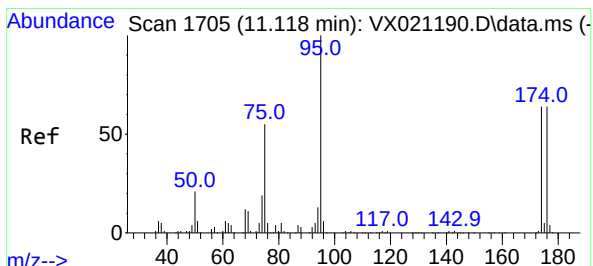
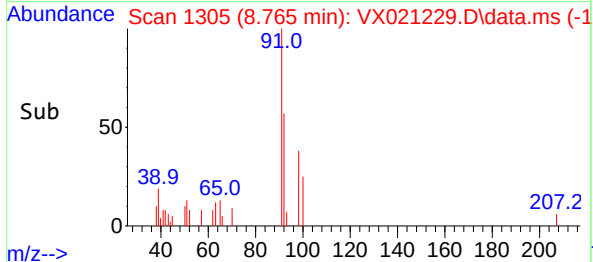
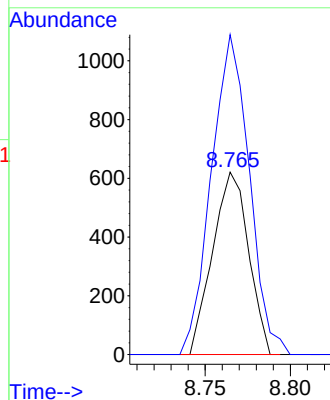
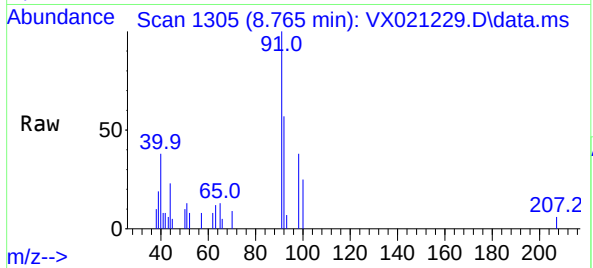




#52
Toluene
Concen: 0.42 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

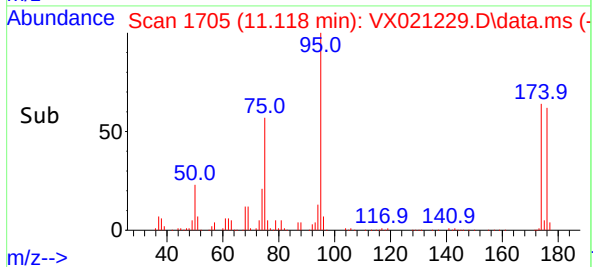
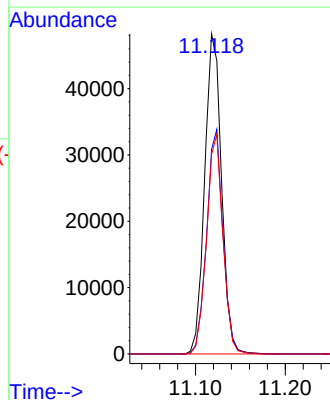
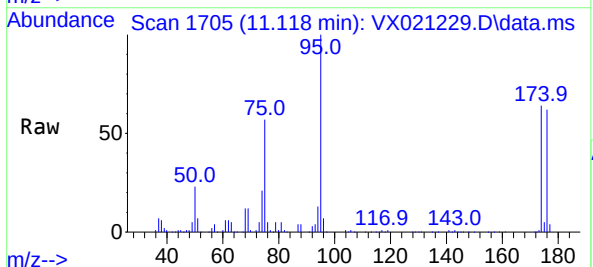
Instrument :
MSVOA_X
ClientSampleId :
DRUM-TOTE-COMP

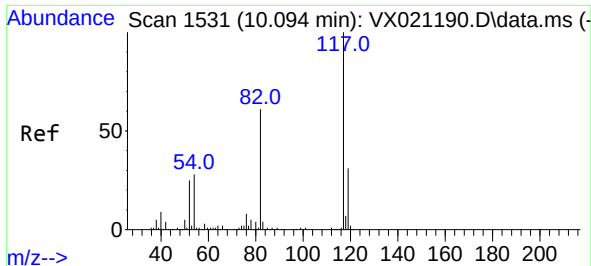
Tgt Ion: 92 Resp: 911
Ion Ratio Lower Upper
92 100
91 185.4 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 54.59 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

Tgt Ion: 95 Resp: 62646
Ion Ratio Lower Upper
95 100
174 68.7 0.0 154.6
176 66.6 0.0 155.8

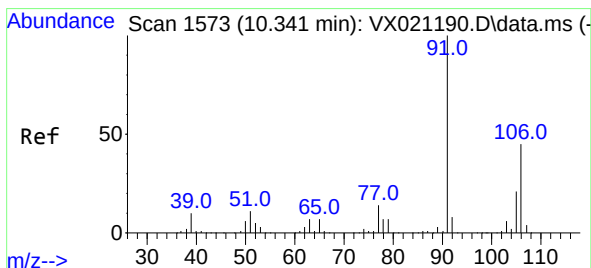
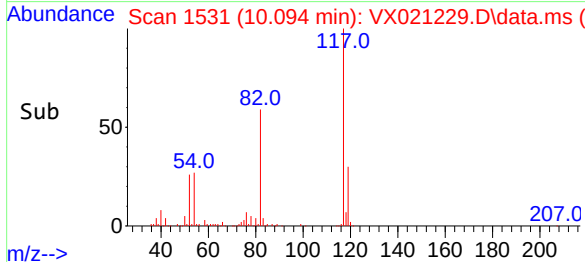
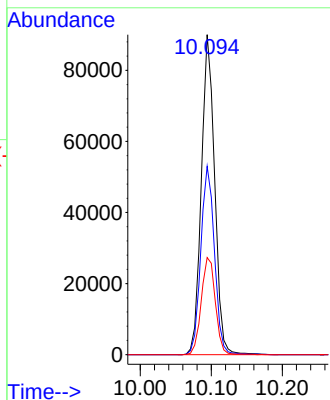
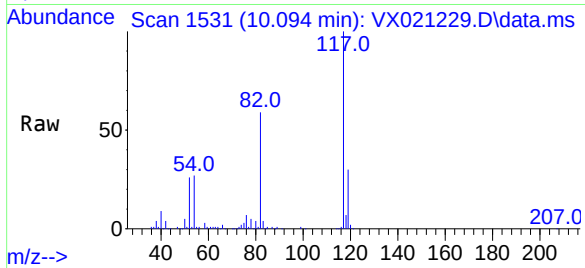




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

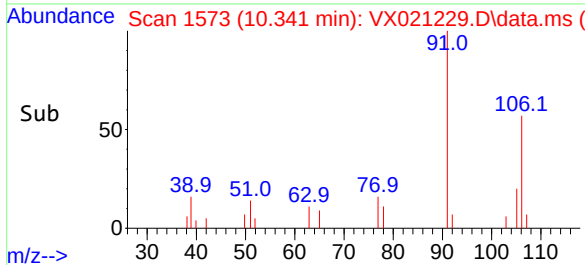
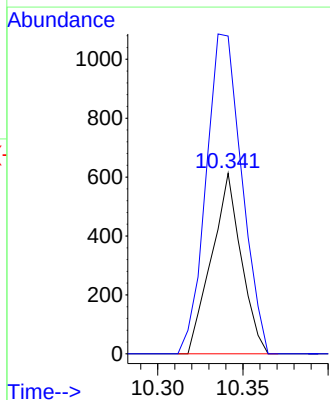
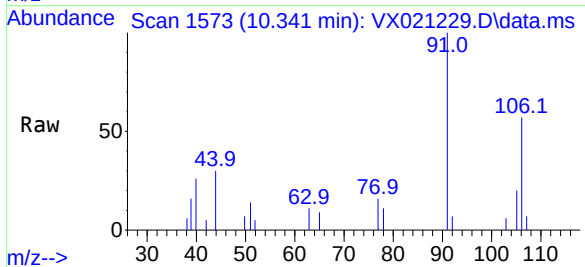
Instrument :
MSVOA_X
ClientSampleId :
DRUM-TOTE-COMP

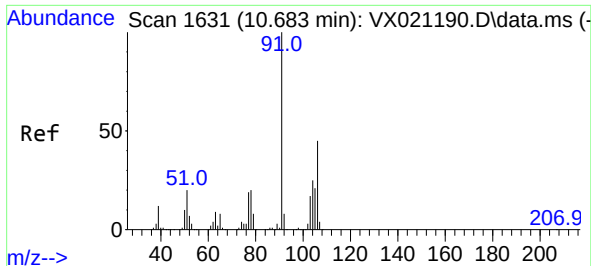
Tgt Ion:117 Resp: 117752
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 30.4 26.6 39.8



#68
m/p-Xylenes
Concen: 0.46 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

Tgt Ion:106 Resp: 742
Ion Ratio Lower Upper
106 100
91 213.1 162.8 244.2

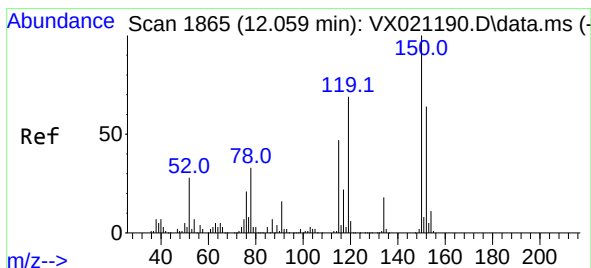
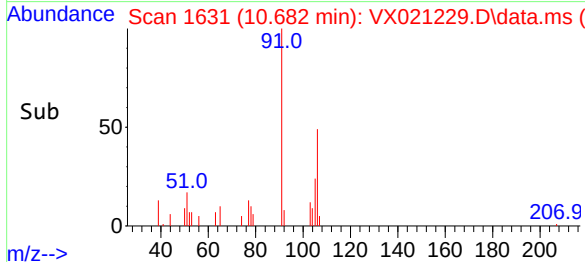
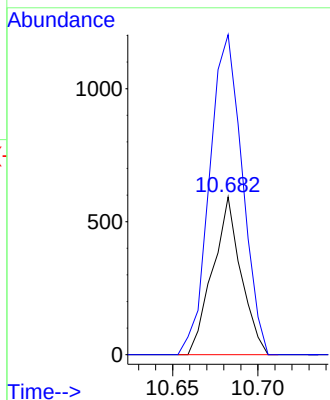
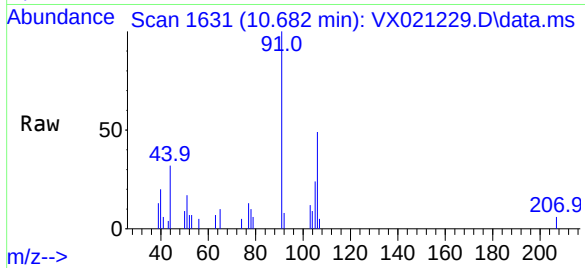




#69
o-Xylene
Concen: 0.44 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

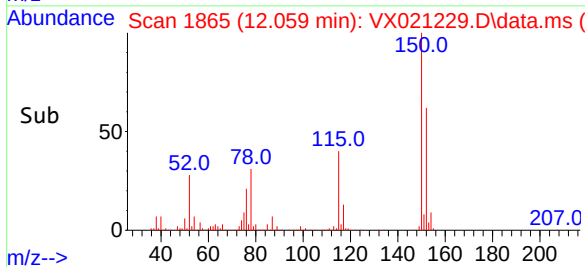
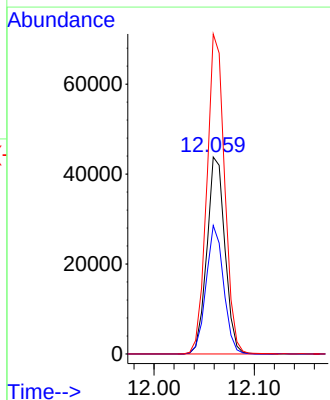
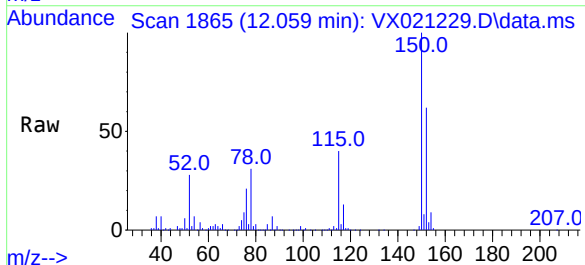
Instrument :
MSVOA_X
ClientSampleId :
DRUM-TOTE-COMP

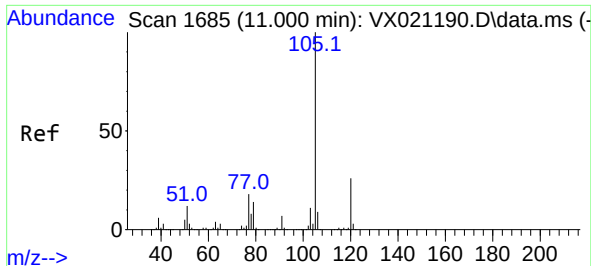
Tgt Ion:106 Resp: 686
Ion Ratio Lower Upper
106 100
91 234.7 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

Tgt Ion:152 Resp: 54797
Ion Ratio Lower Upper
152 100
115 63.5 41.1 123.3
150 160.5 0.0 349.0

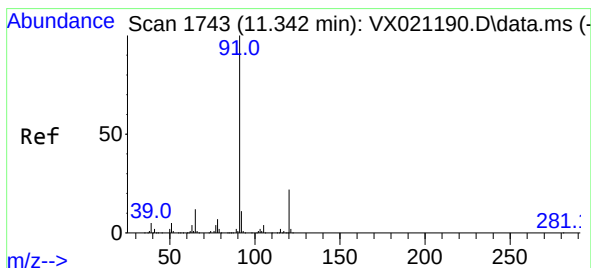
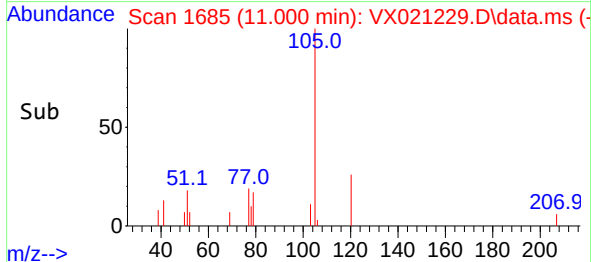
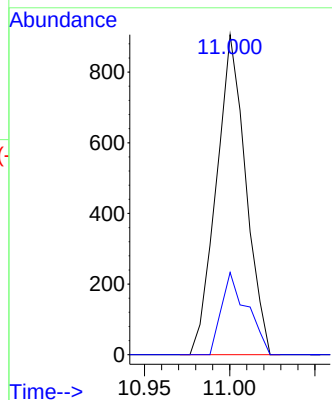
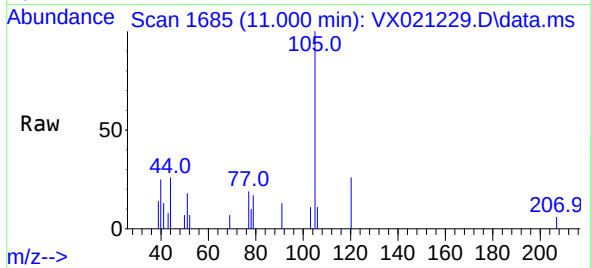




#73
Isopropylbenzene
Concen: 0.26 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

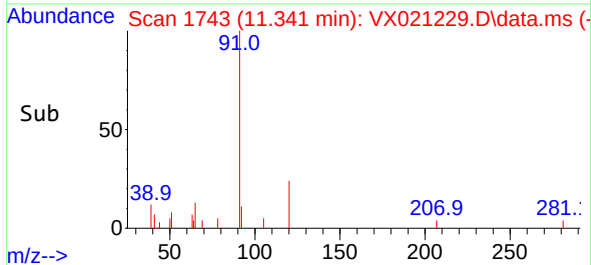
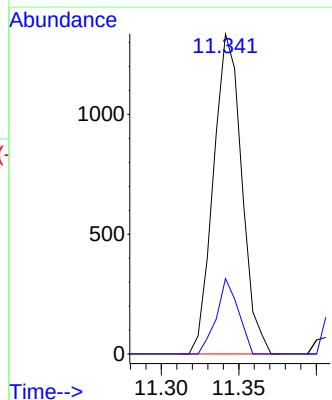
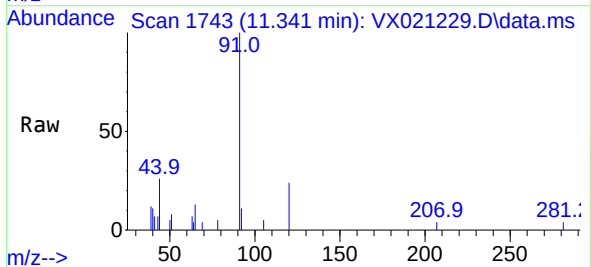
Instrument :
MSVOA_X
ClientSampleId :
DRUM-TOTE-COMP

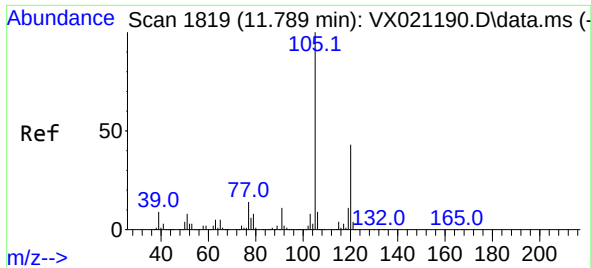
Tgt Ion:105 Resp: 1089
Ion Ratio Lower Upper
105 100
120 22.4 13.2 39.6



#78
n-propylbenzene
Concen: 0.35 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX021229.D
Acq: 16 Mar 2021 03:28

Tgt Ion: 91 Resp: 1696
Ion Ratio Lower Upper
91 100
120 18.1 11.5 34.5





#84
 1,2,4-Trimethylbenzene
 Concen: 0.56 ug/l
 RT: 11.789 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VX021229.D
 Acq: 16 Mar 2021 03:28

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-TOTE-COMP

Tgt Ion:105 Resp: 2009
 Ion Ratio Lower Upper
 105 100
 120 39.5 22.4 67.3

