

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021011.D
 Acq On : 04 Mar 2021 14:03
 Operator : JC/MD
 Sample : M1489-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-41071-72DL

Quant Time: Mar 04 14:29:25 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)

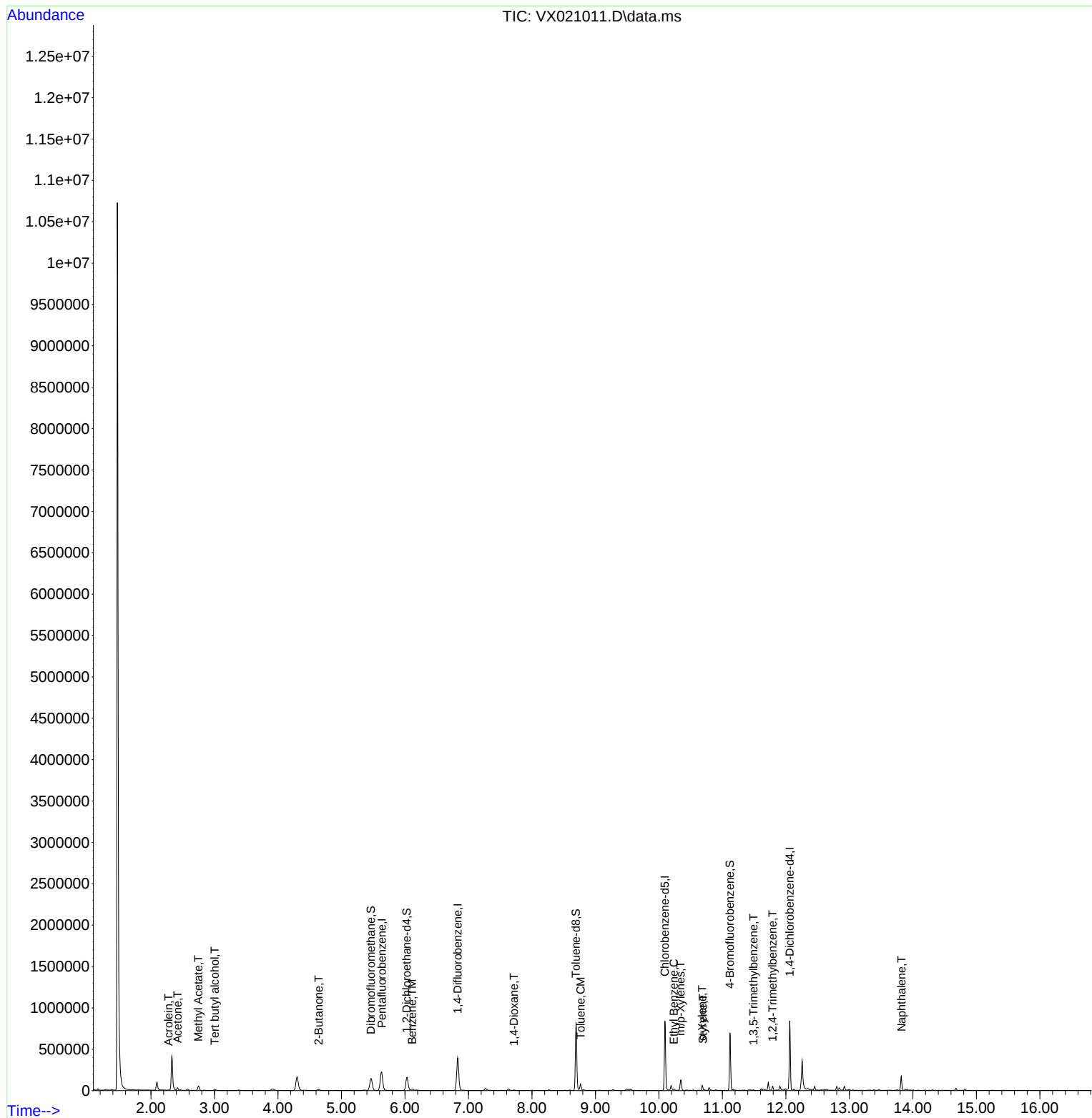
Internal Standards						
1) Pentafluorobenzene	5.635	168	219219	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	409490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	391378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	179793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	150287	50.75	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.50%
35) Dibromofluoromethane	5.464	113	129194	51.93	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.86%
50) Toluene-d8	8.694	98	506800	52.24	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.48%
62) 4-Bromofluorobenzene	11.118	95	186826	52.08	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.16%
Target Compounds						Qvalue
11) Tert butyl alcohol	3.005	59	13716	20.80	ug/l	99
13) Acrolein	2.276	56	4106	10.06	ug/l	96
16) Acetone	2.417	43	31736	26.01	ug/l	100
18) Methyl Acetate	2.746	43	61657	21.36	ug/l	99
25) 2-Butanone	4.641	43	18386	9.92	ug/l	95
40) Benzene	6.111	78	20351	1.74	ug/l #	90
49) 1,4-Dioxane	7.717	88	4161	56.42	ug/l	98
52) Toluene	8.765	92	28476	3.92	ug/l	95
67) Ethyl Benzene	10.235	91	7449	0.50	ug/l	95
68) m/p-Xylenes	10.341	106	18186	3.31	ug/l	100
69) o-Xylene	10.682	106	12250	2.28	ug/l	99
70) Styrene	10.694	104	4507	0.49	ug/l #	63
80) 1,3,5-Trimethylbenzene	11.488	105	3591	0.30	ug/l	95
84) 1,2,4-Trimethylbenzene	11.789	105	18741	1.56	ug/l	82
95) Naphthalene	13.818	128	105780	8.02	ug/l	99

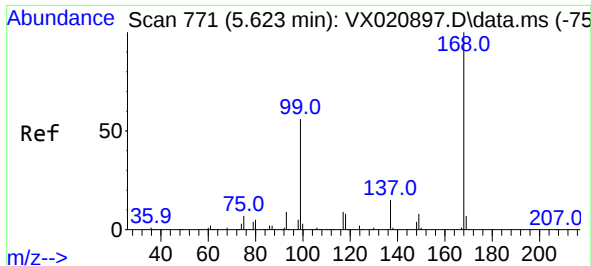
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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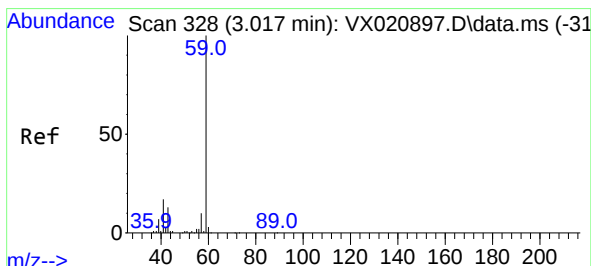
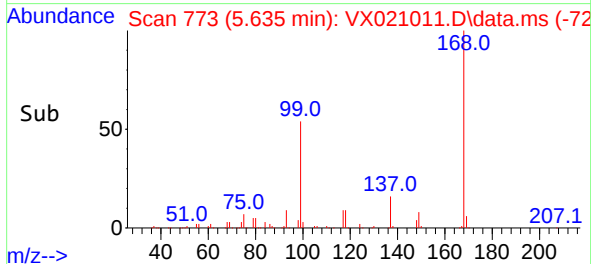
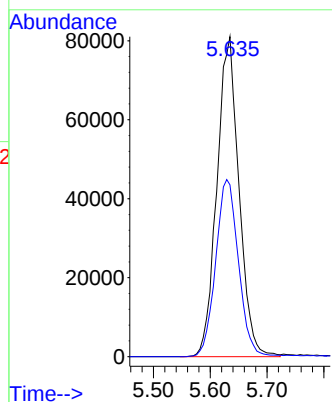
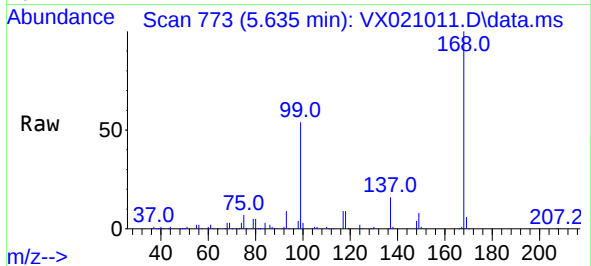




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

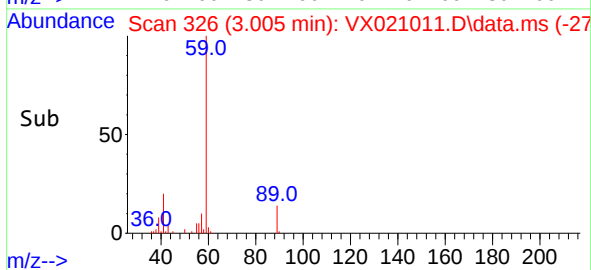
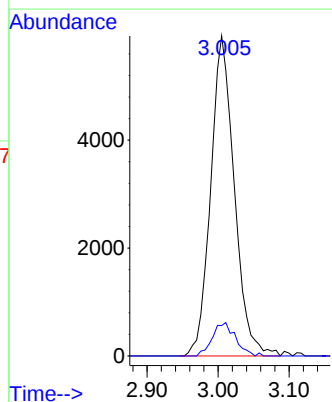
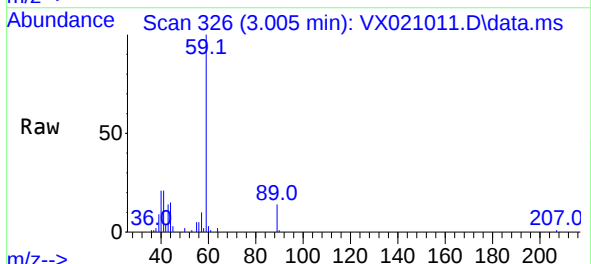
Instrument :
MSVOA_X
ClientSampleId :
COMP-41071-72DL

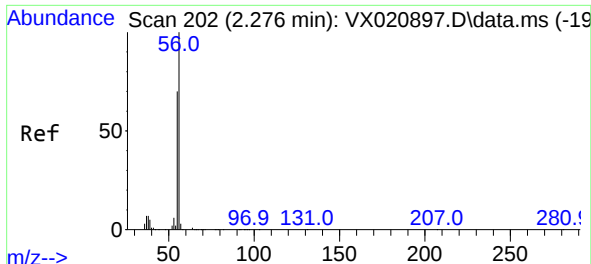
Tgt Ion:168 Resp: 219219
Ion Ratio Lower Upper
168 100
99 53.7 45.8 68.6



#11
Tert butyl alcohol
Concen: 20.80 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Tgt Ion: 59 Resp: 13716
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8

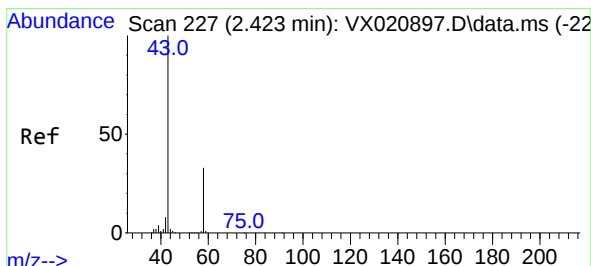
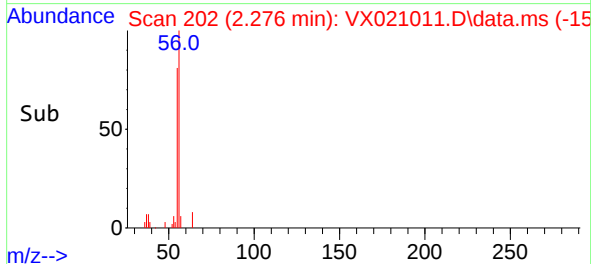
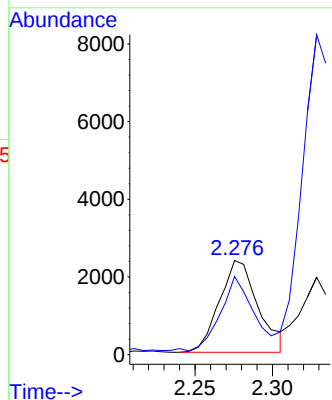
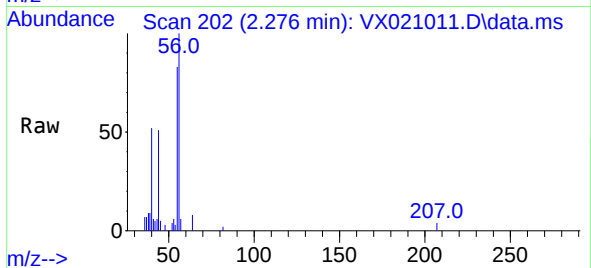




#13
Acrolein
Concen: 10.06 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

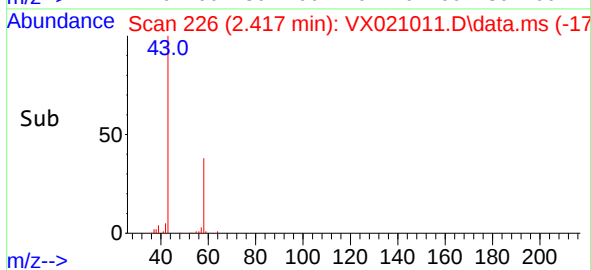
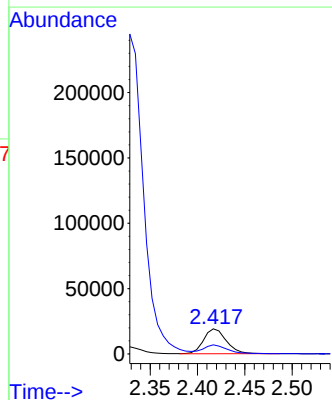
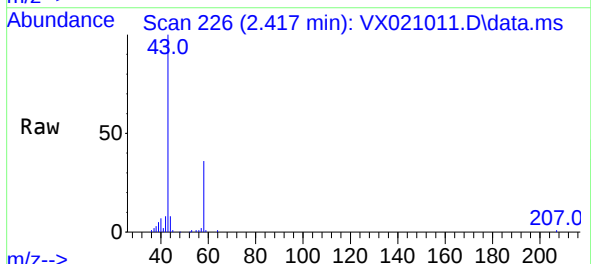
Instrument :
MSVOA_X
ClientSampleId :
COMP-41071-72DL

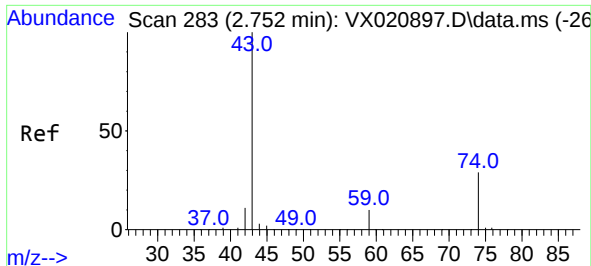
Tgt Ion: 56 Resp: 4106
Ion Ratio Lower Upper
56 100
55 67.1 56.4 84.6



#16
Acetone
Concen: 26.01 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Tgt Ion: 43 Resp: 31736
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8

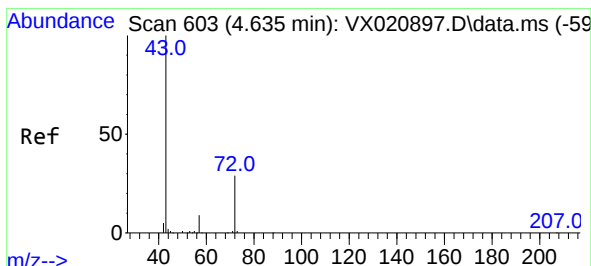
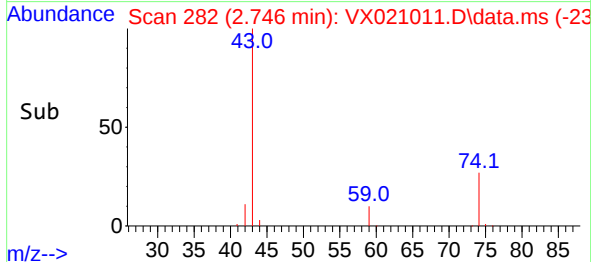
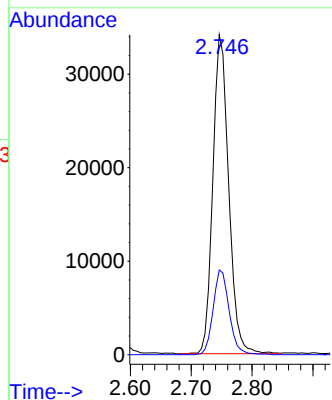
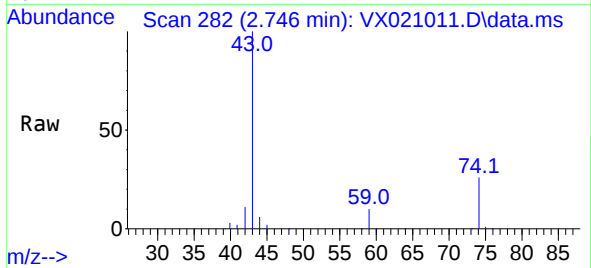




#18
Methyl Acetate
Concen: 21.36 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

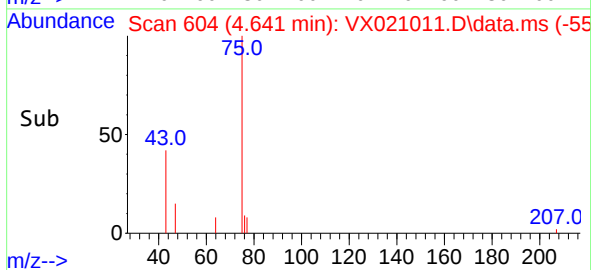
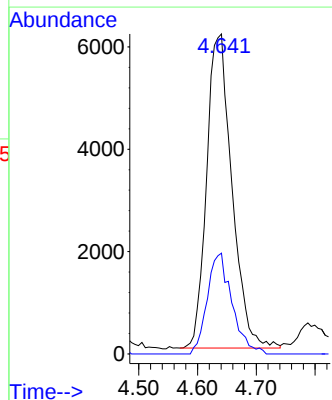
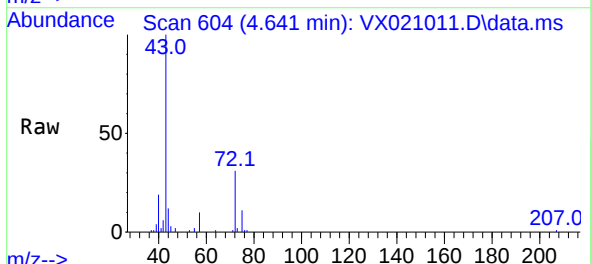
Instrument :
MSVOA_X
ClientSampleId :
COMP-41071-72DL

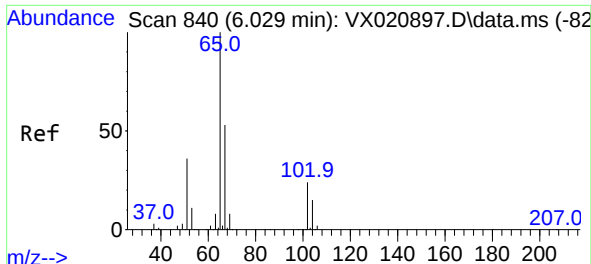
Tgt Ion: 43 Resp: 61657
Ion Ratio Lower Upper
43 100
74 26.8 21.9 32.9



#25
2-Butanone
Concen: 9.92 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Tgt Ion: 43 Resp: 18386
Ion Ratio Lower Upper
43 100
72 32.1 23.7 35.5



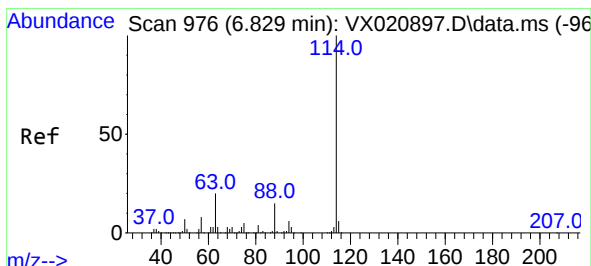
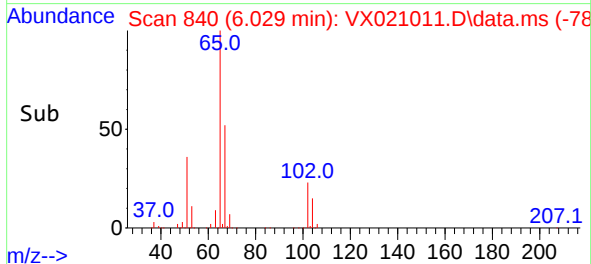
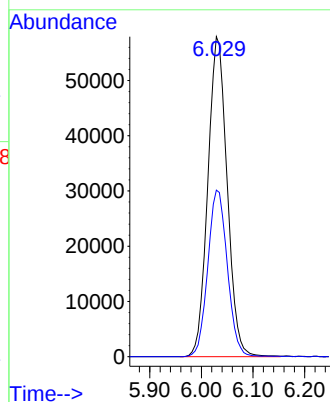
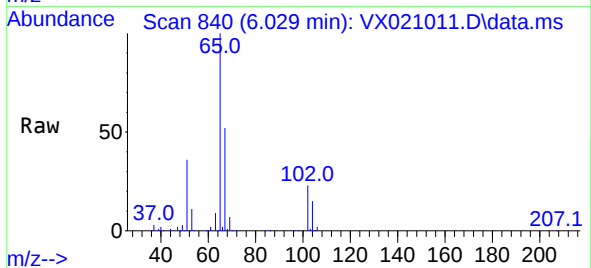


#33

1,2-Dichloroethane-d4
Concen: 50.75 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Instrument :
MSVOA_X
ClientSampleId :
COMP-41071-72DL

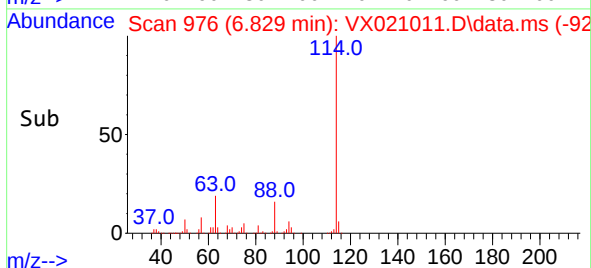
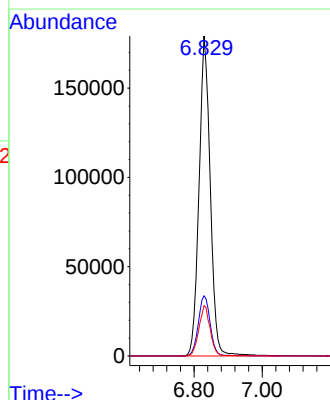
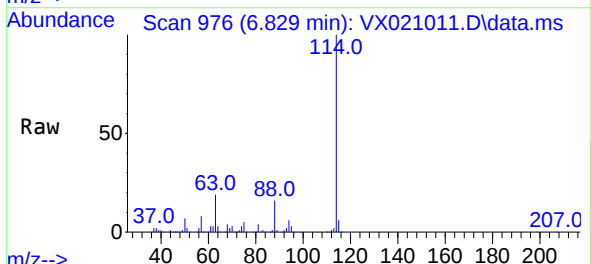
Tgt Ion: 65 Resp: 150287
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

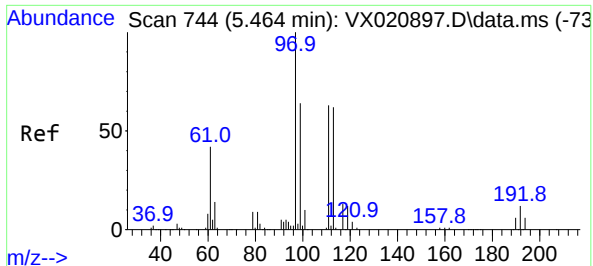


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Tgt Ion: 114 Resp: 409490
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.8
88 15.7 0.0 32.8



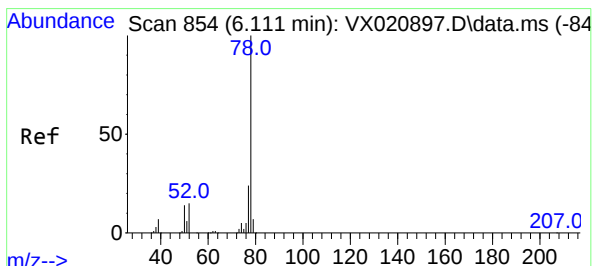
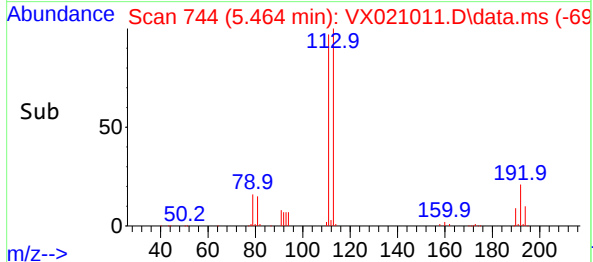
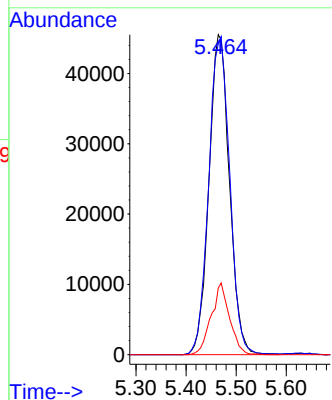
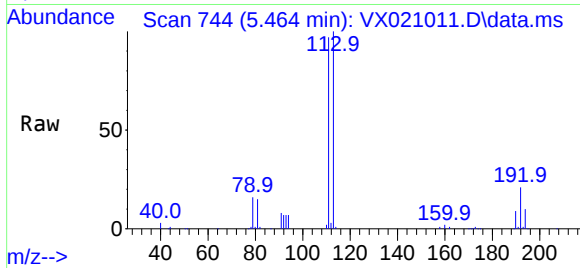


#35
Dibromofluoromethane
Concen: 51.93 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Instrument :
MSVOA_X
ClientSampleId :
COMP-41071-72DL

Tgt Ion:113 Resp: 129194

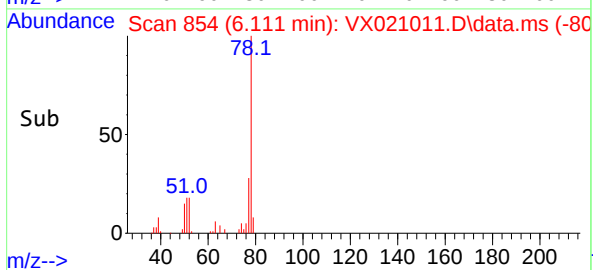
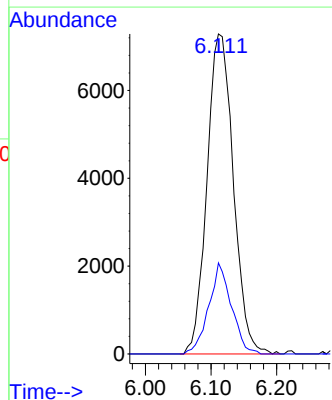
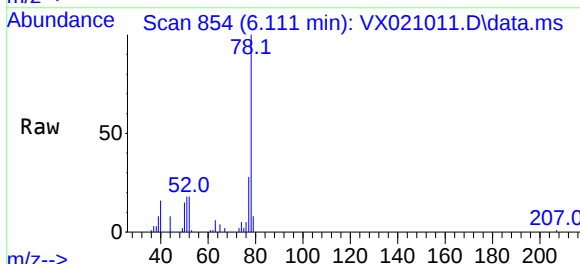
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	20.1	16.7	25.1

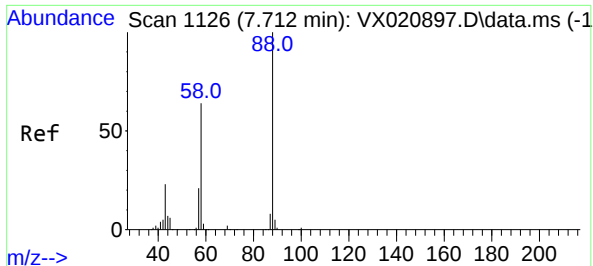


#40
Benzene
Concen: 1.74 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Tgt Ion: 78 Resp: 20351

Ion	Ratio	Lower	Upper
78	100		
77	28.5	18.9	28.3#



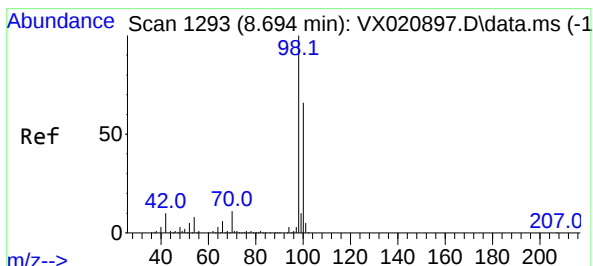
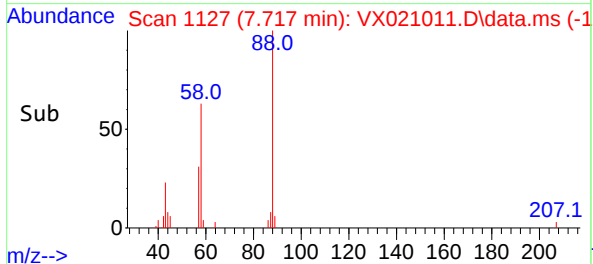
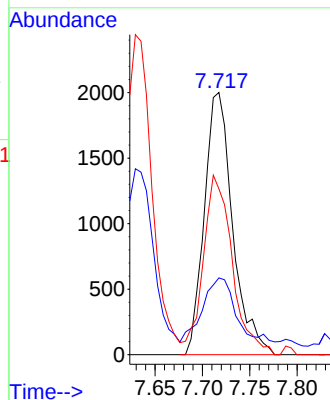
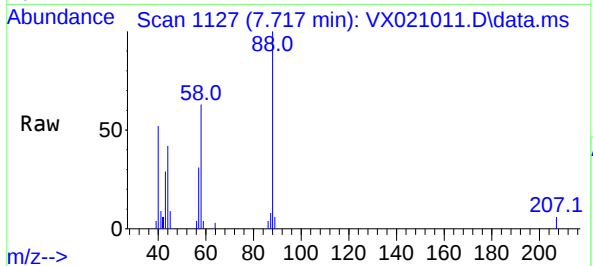


#49
1,4-Dioxane
Concen: 56.42 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Instrument :
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Tgt Ion: 88 Resp: 4161

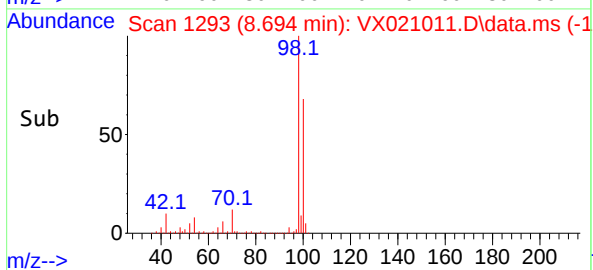
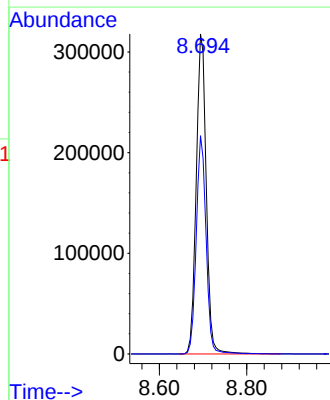
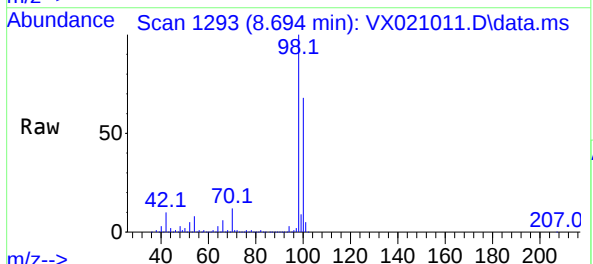
Ion	Ratio	Lower	Upper
88	100		
43	27.7	23.2	34.8
58	70.3	55.0	82.4

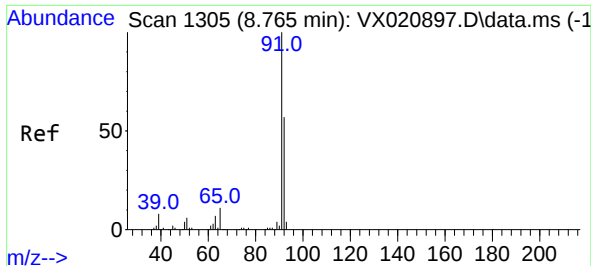


#50
Toluene-d8
Concen: 52.24 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Tgt Ion: 98 Resp: 506800

Ion	Ratio	Lower	Upper
98	100		
100	66.9	51.9	77.9

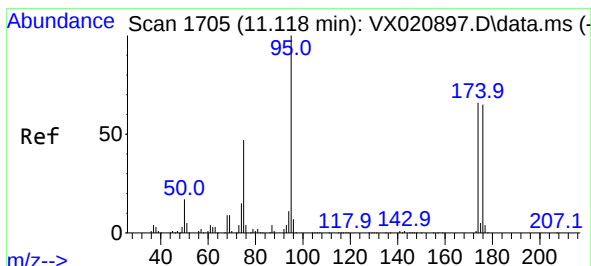
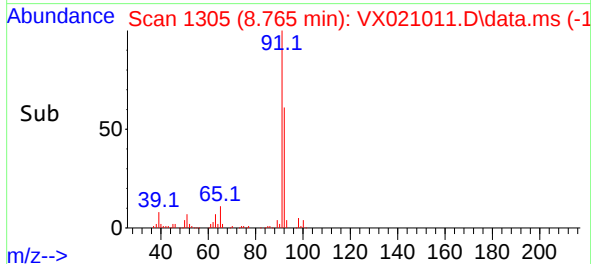
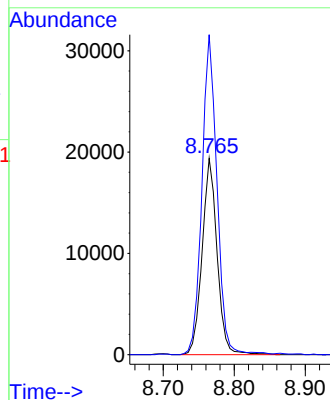
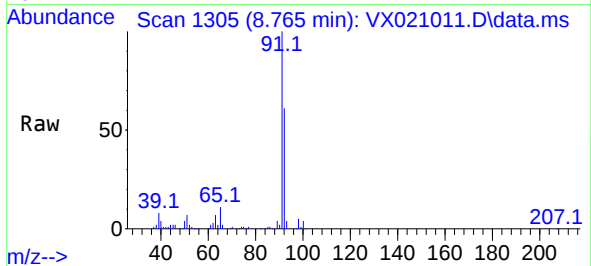




#52
Toluene
Concen: 3.92 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

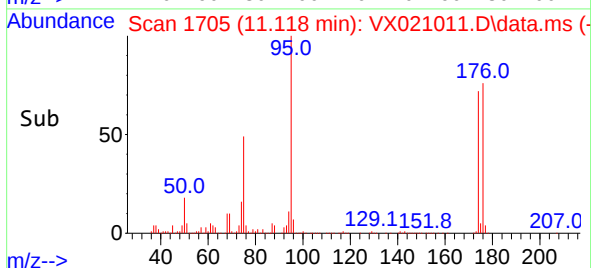
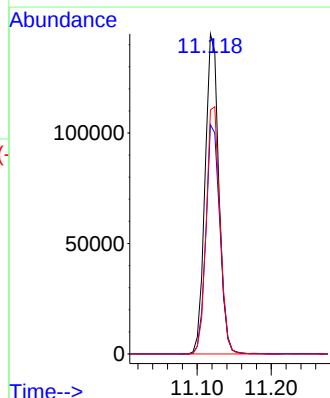
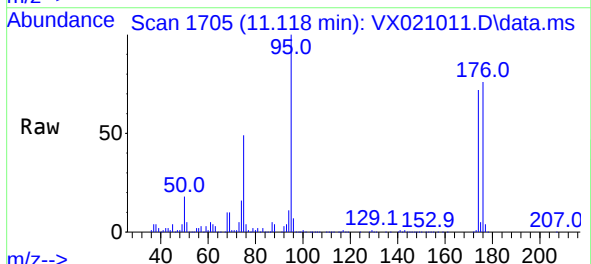
Instrument :
MSVOA_X
ClientSampleId :
COMP-41071-72DL

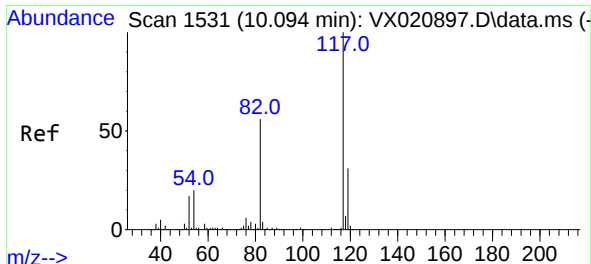
Tgt Ion: 92 Resp: 28476
Ion Ratio Lower Upper
92 100
91 163.9 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 52.08 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Tgt Ion: 95 Resp: 186826
Ion Ratio Lower Upper
95 100
174 73.1 0.0 154.6
176 77.1 0.0 155.8

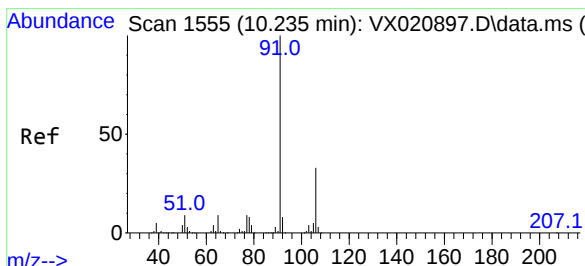
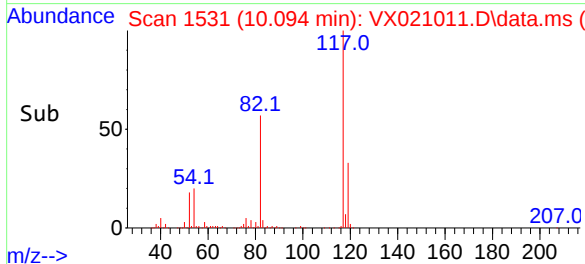
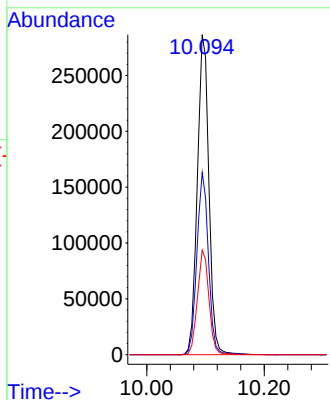
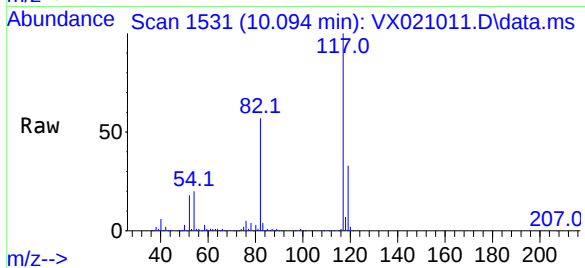




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

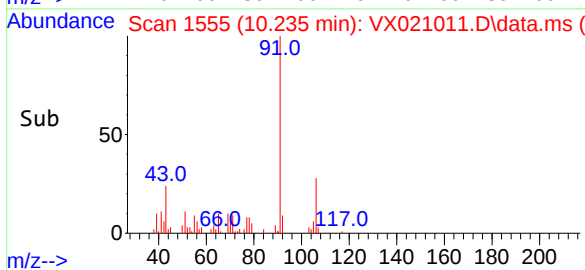
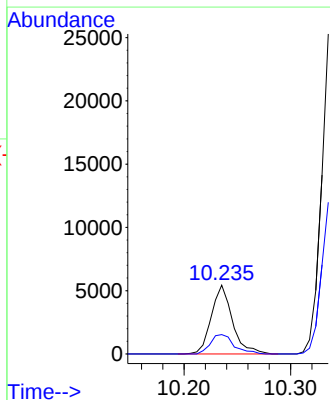
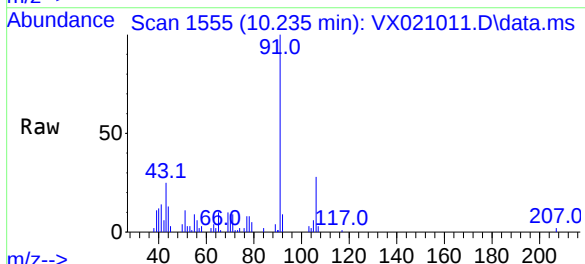
Instrument :
MSVOA_X
ClientSampleId :
COMP-41071-72DL

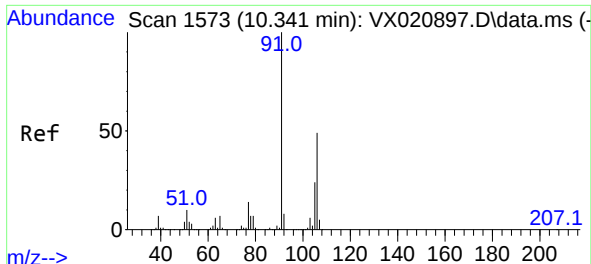
Tgt Ion:117 Resp: 391378
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.7 26.6 39.8



#67
Ethyl Benzene
Concen: 0.50 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Tgt Ion: 91 Resp: 7449
Ion Ratio Lower Upper
91 100
106 28.1 24.6 37.0

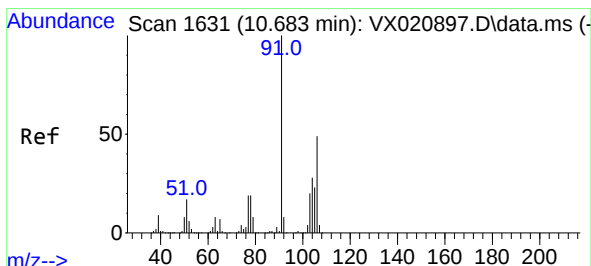
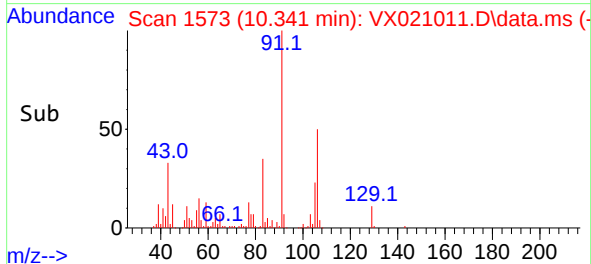
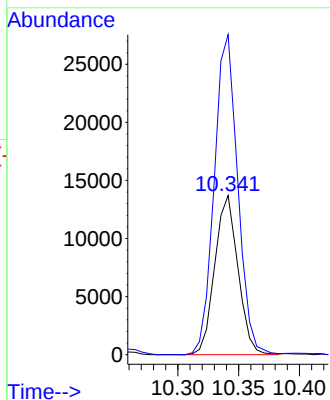
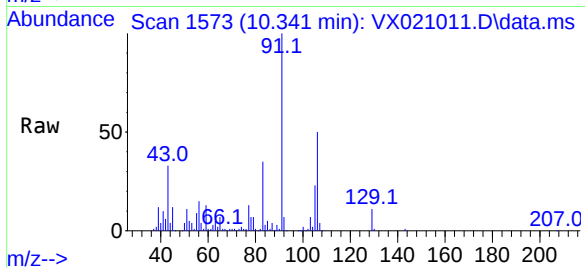




#68
m/p-Xylenes
Concen: 3.31 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

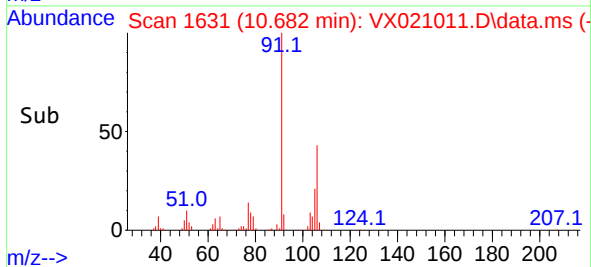
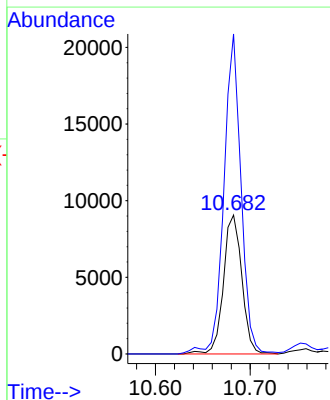
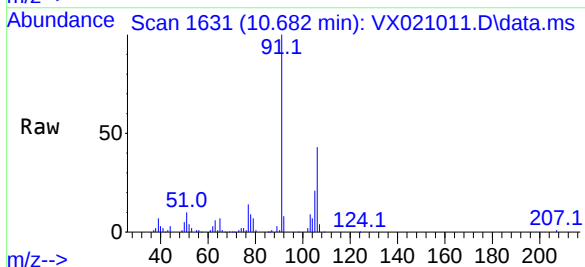
Instrument :
MSVOA_X
ClientSampleId :
COMP-41071-72DL

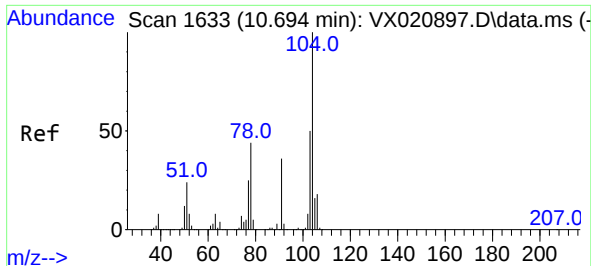
Tgt Ion:106 Resp: 18186
Ion Ratio Lower Upper
106 100
91 203.3 162.8 244.2



#69
o-Xylene
Concen: 2.28 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

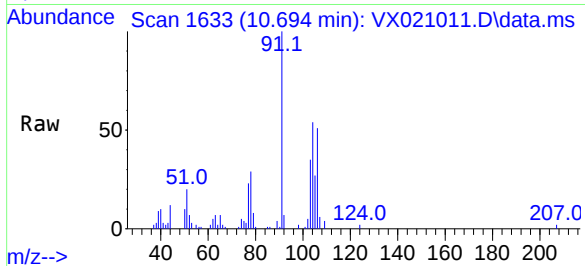
Tgt Ion:106 Resp: 12250
Ion Ratio Lower Upper
106 100
91 214.3 108.1 324.2



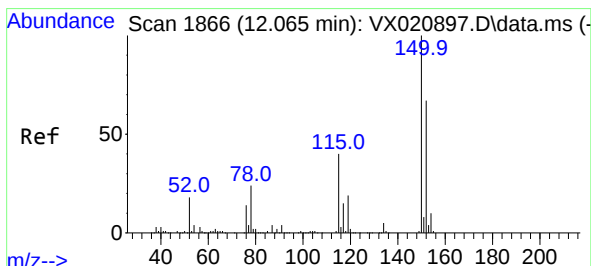
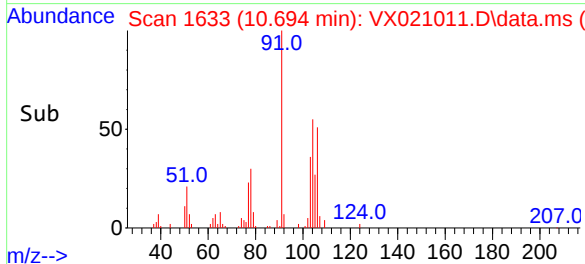
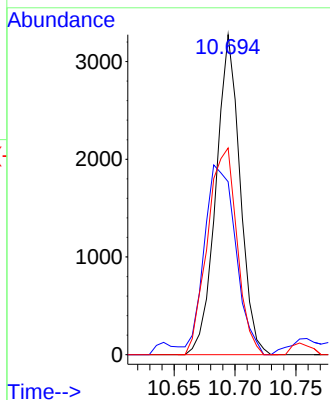


#70
Styrene
Concen: 0.49 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Instrument :
MSVOA_X
ClientSampleId :
COMP-41071-72DL

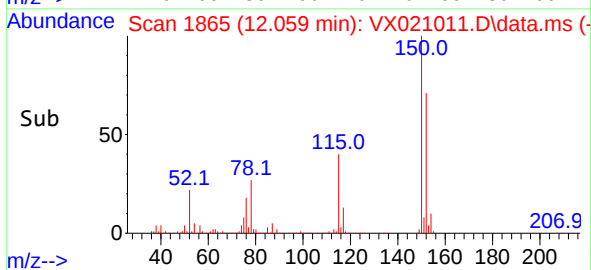
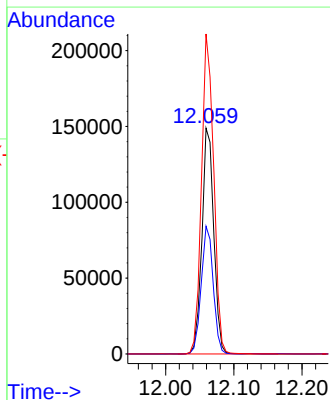
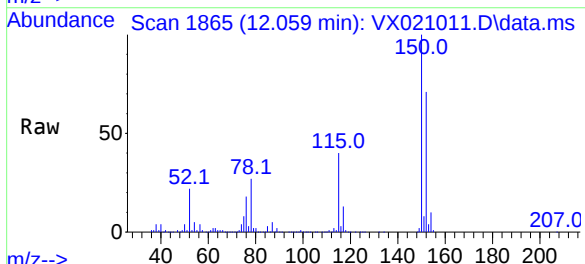


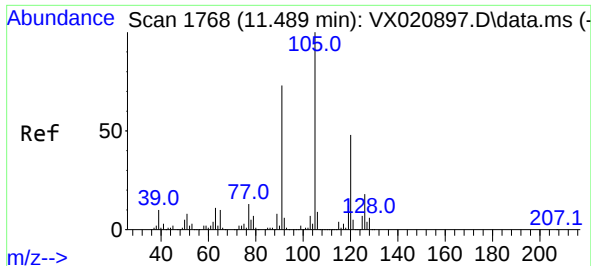
Tgt Ion:104 Resp: 4507
Ion Ratio Lower Upper
104 100
78 77.3 40.0 60.0#
103 79.1 43.4 65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Tgt Ion:152 Resp: 179793
Ion Ratio Lower Upper
152 100
115 57.2 41.1 123.3
150 145.7 0.0 349.0

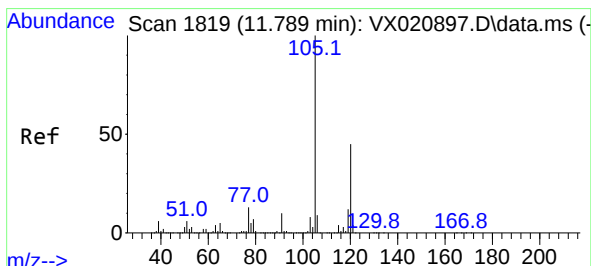
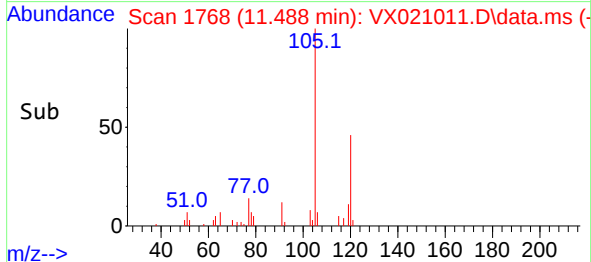
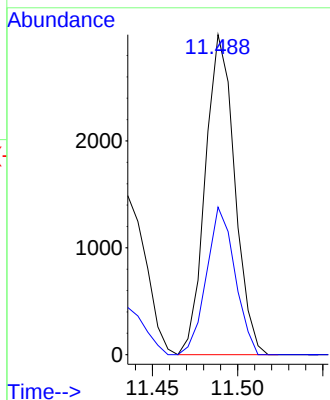
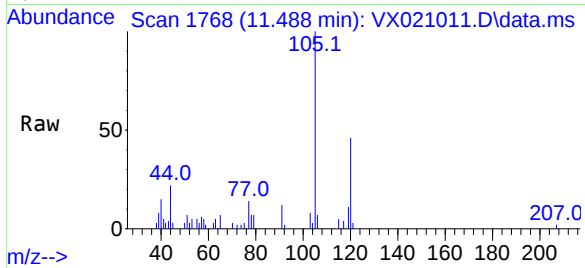




#80
1,3,5-Trimethylbenzene
Concen: 0.30 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

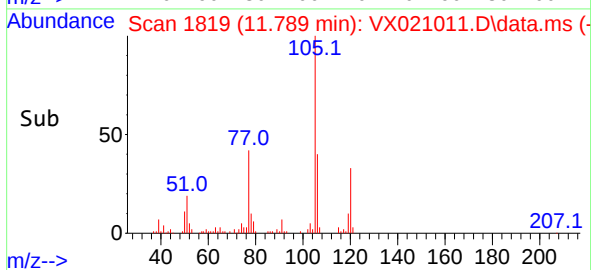
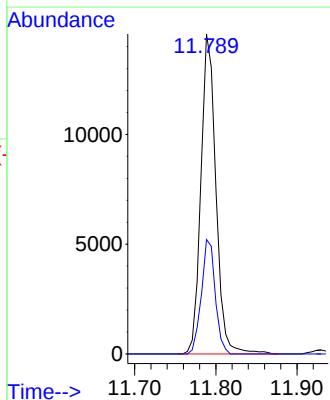
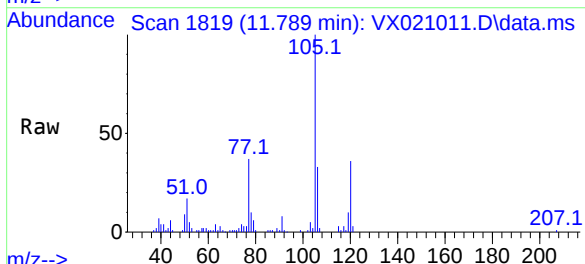
Instrument :
MSVOA_X
ClientSampleId :
COMP-41071-72DL

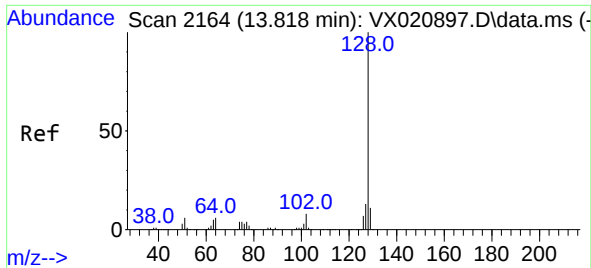
Tgt Ion:105 Resp: 3591
Ion Ratio Lower Upper
105 100
120 44.7 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 1.56 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Tgt Ion:105 Resp: 18741
Ion Ratio Lower Upper
105 100
120 32.9 22.4 67.3





#95
Naphthalene
Concen: 8.02 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021011.D
Acq: 04 Mar 2021 14:03

Instrument :
MSVOA_X
ClientSampleId :
COMP-41071-72DL

Tgt Ion:128 Resp: 105780
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.7 8.8 13.2

