

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021230.D
 Acq On : 16 Mar 2021 03:51
 Operator : JC/MD
 Sample : M1666-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-89-90

Quant Time: Mar 16 04:44:49 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)

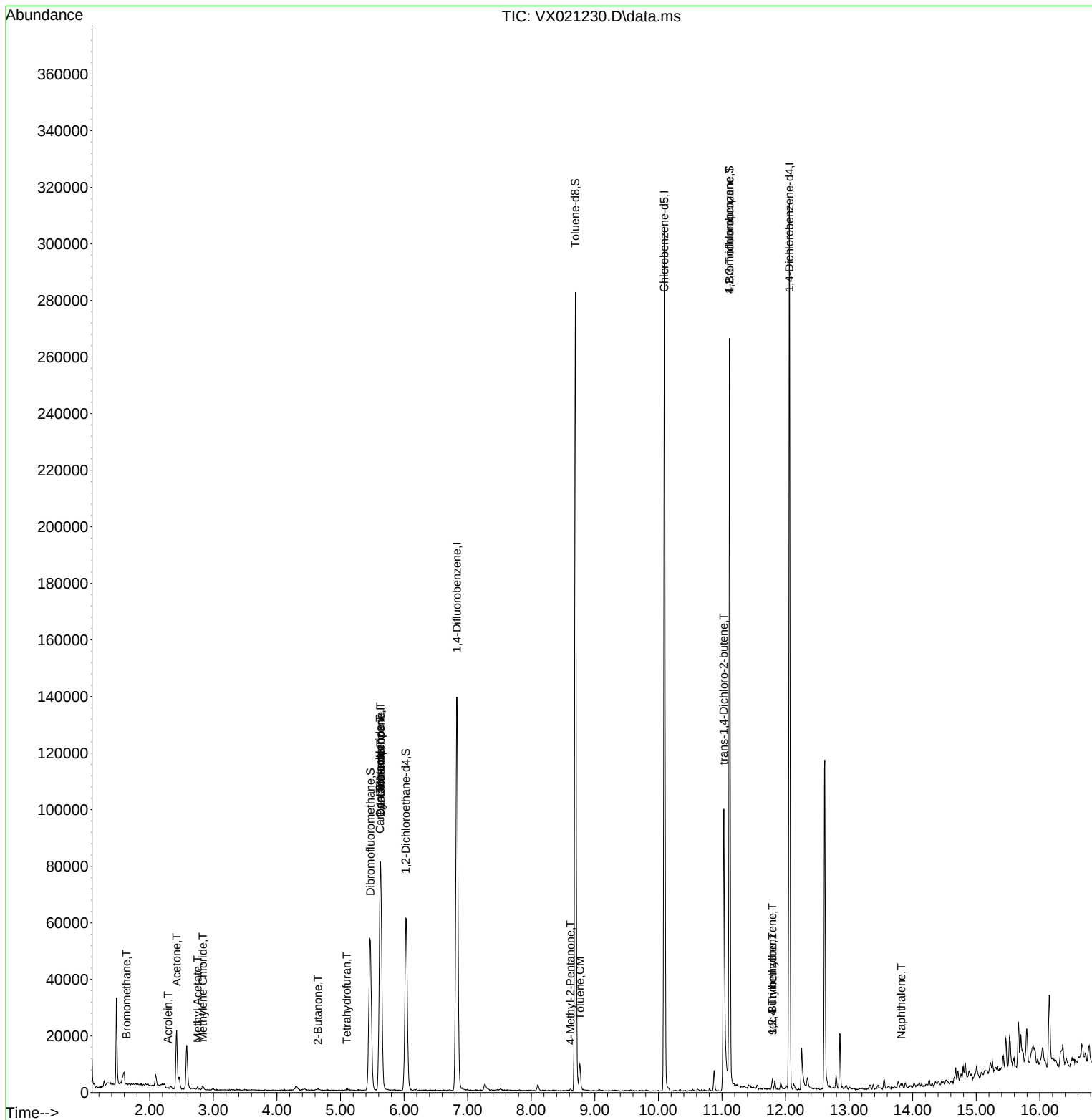
Internal Standards						
1) Pentafluorobenzene	5.629	168	69013	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	128833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56057	50.00	ug/l	0.00

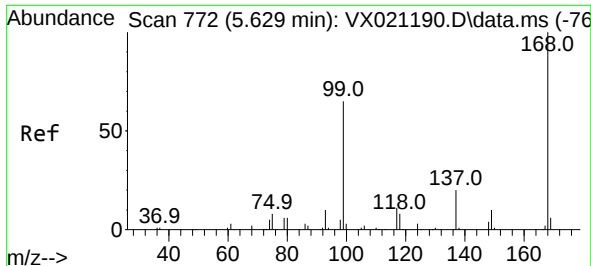
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60582	51.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.96%
35) Dibromofluoromethane	5.470	113	44449	50.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.28%
50) Toluene-d8	8.694	98	162012	50.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.76%
62) 4-Bromofluorobenzene	11.118	95	66530	54.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.66%

Target Compounds						Qvalue
5) Bromomethane	1.634	94	131	0.26	ug/l	86
13) Acrolein	2.287	56	43	0.34	ug/l	# 14
16) Acetone	2.422	43	22335	47.22	ug/l	# 85
18) Methyl Acetate	2.752	43	762	0.67	ug/l	# 64
20) Methylene Chloride	2.834	84	528	0.59	ug/l	# 86
25) 2-Butanone	4.646	43	871	1.28	ug/l	# 84
29) Tetrahydrofuran	5.099	42	91	0.21	ug/l	# 27
31) Cyclohexane	5.629	56	2077	1.40	ug/l	# 39
36) 1,1-Dichloropropene	5.629	75	6548	4.85	ug/l	# 48
38) Carbon Tetrachloride	5.623	117	7654	5.16	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.617	43	536	0.38	ug/l	# 71
52) Toluene	8.764	92	3020	1.33	ug/l	97
76) 1,2,3-Trichloropropane	11.118	75	38188	27.47	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.029	75	4453	9.09	ug/l	# 31
84) 1,2,4-Trimethylbenzene	11.794	105	1299	0.35	ug/l	80
85) sec-Butylbenzene	11.794	105	1299	0.32	ug/l	# 57
95) Naphthalene	13.818	128	880	1.67	ug/l	# 84

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

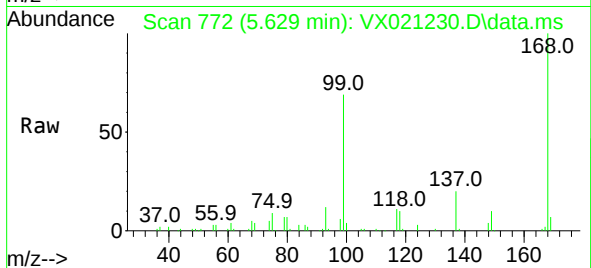
Quant Time: Mar 16 04:44:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 15 11:55:59 2021
Response via : Initial Calibration



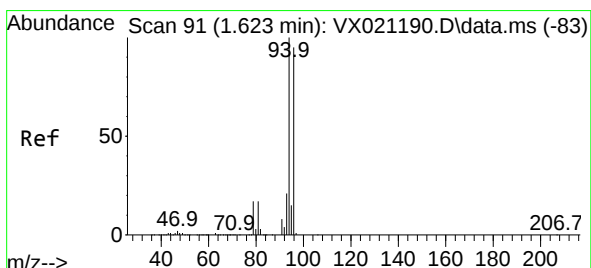
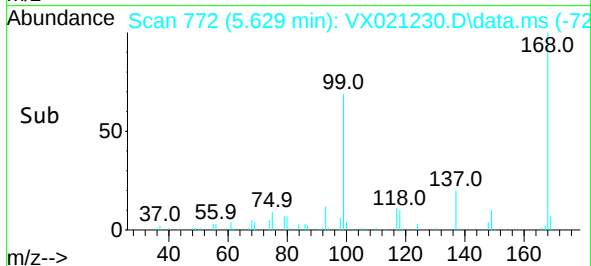
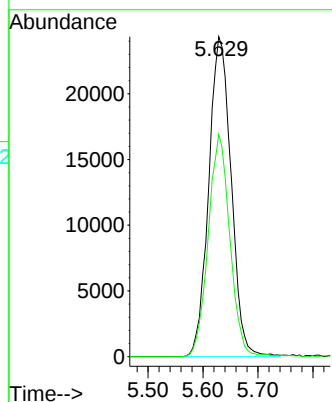


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90

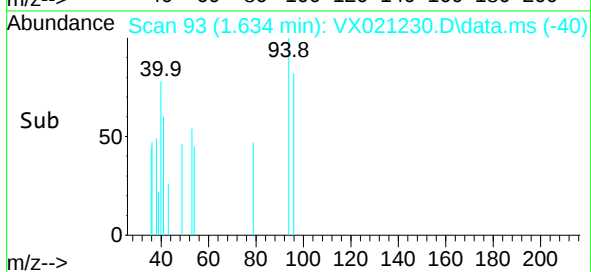
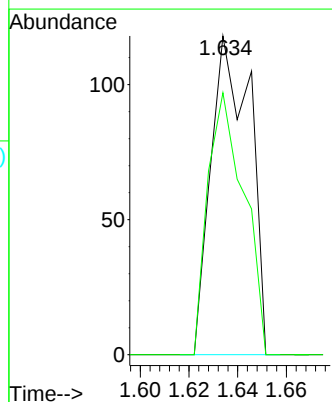
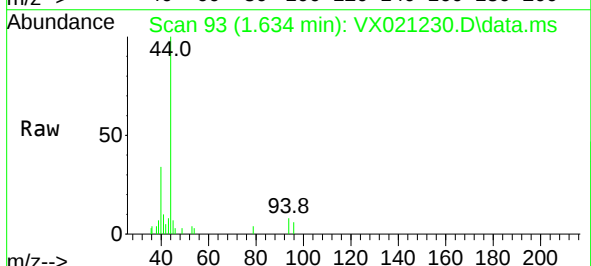


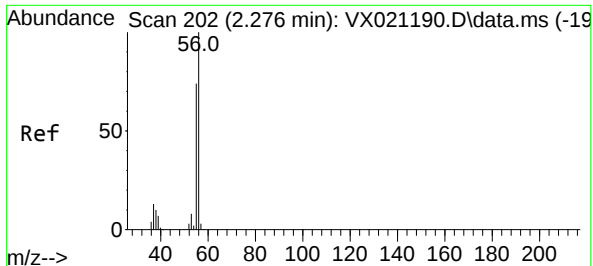
Tgt Ion:168 Resp: 69013
Ion Ratio Lower Upper
168 100
99 69.4 45.8 68.6#



#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 82.2 76.4 114.6

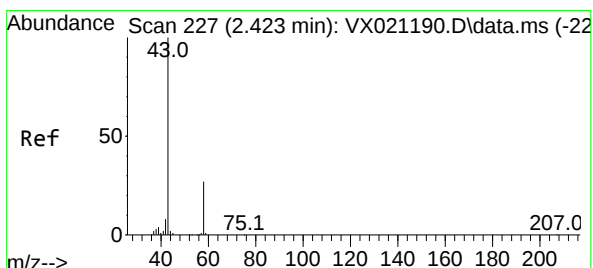
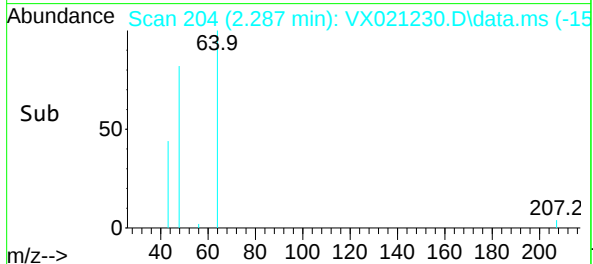
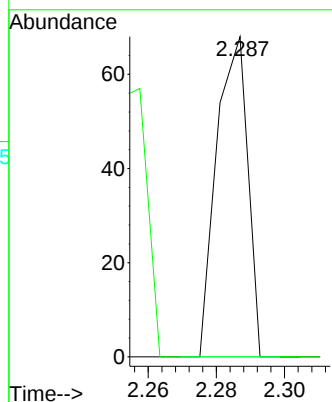
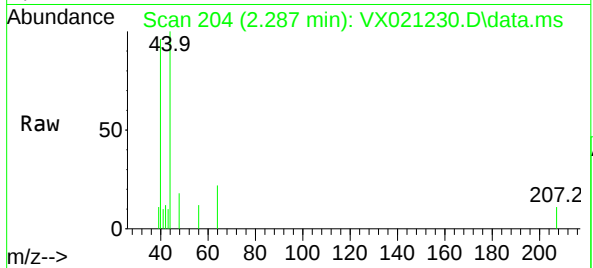




#13
Acrolein
Concen: 0.34 ug/l
RT: 2.287 min Scan# 204
Delta R.T. 0.011 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

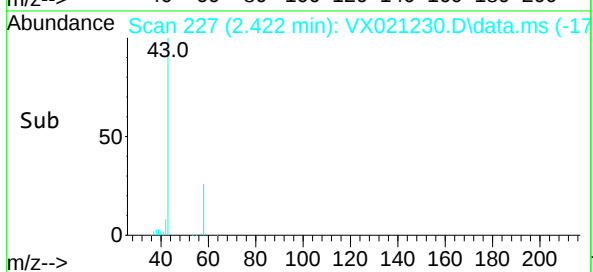
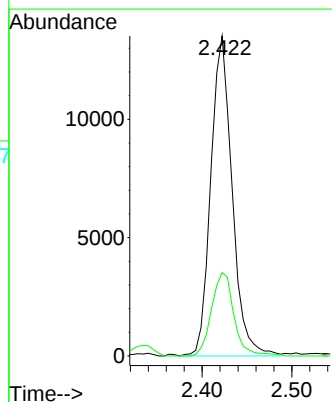
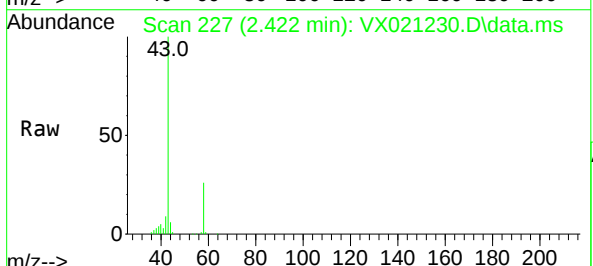
Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90

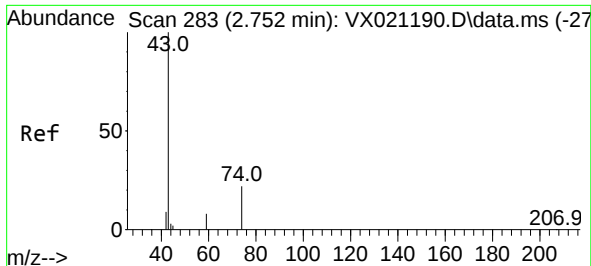
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 47.22 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

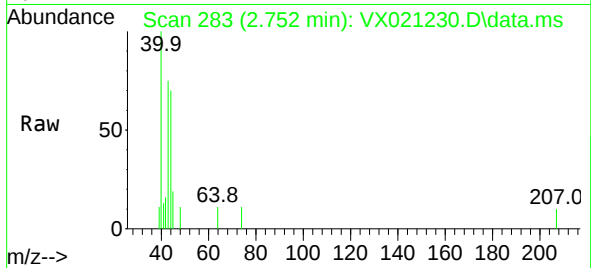
Tgt Ion: 43 Resp: 22335
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#



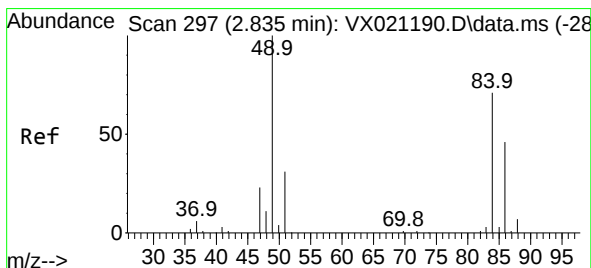
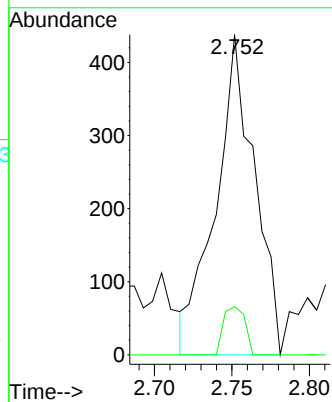
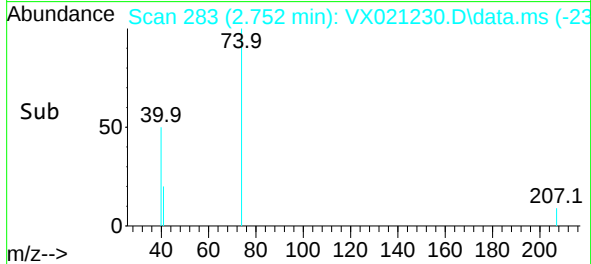


#18
Methyl Acetate
Concen: 0.67 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

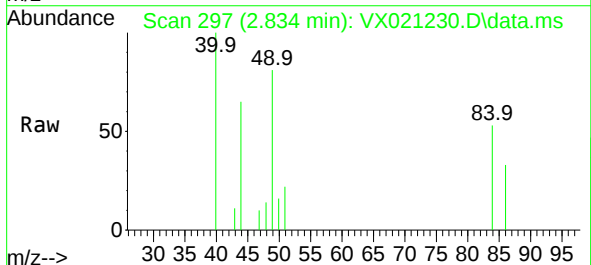
Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90



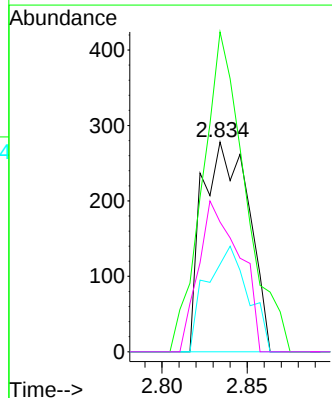
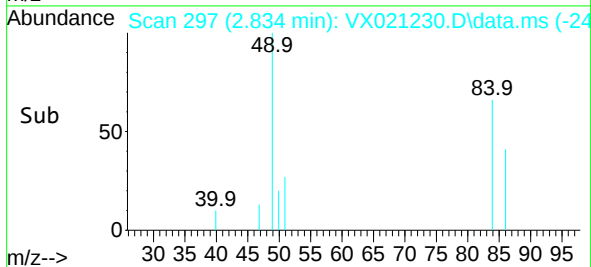
Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
74 8.4 21.9 32.9#

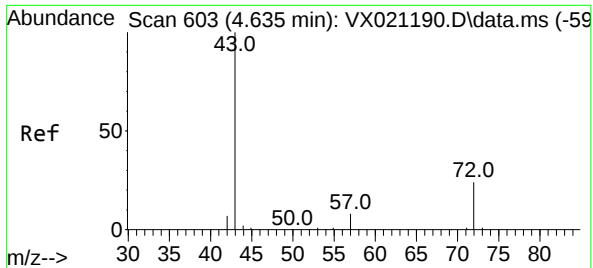


#20
Methylene Chloride
Concen: 0.59 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51



Tgt Ion: 84 Resp: 528
Ion Ratio Lower Upper
84 100
49 133.5 88.6 132.8#
51 41.7 27.0 40.6#
86 61.9 50.3 75.5

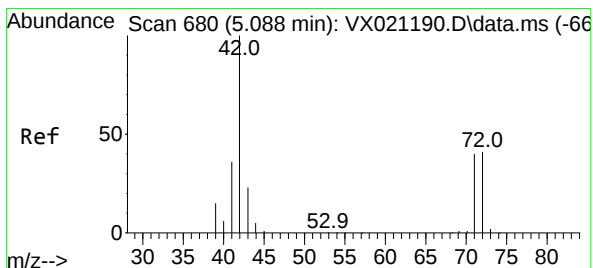
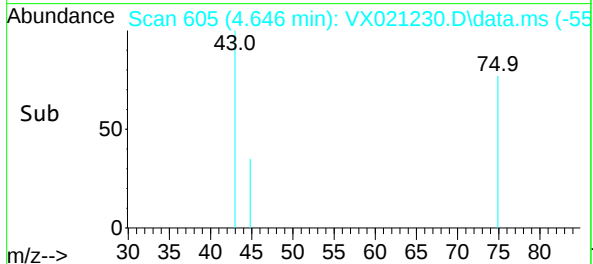
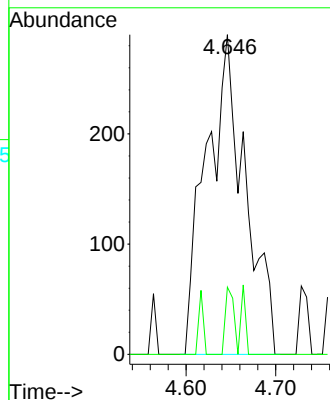
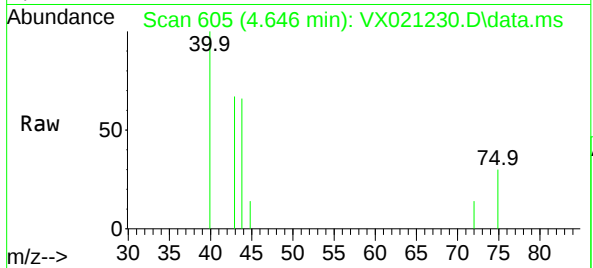




#25
2-Butanone
Concen: 1.28 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.011 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

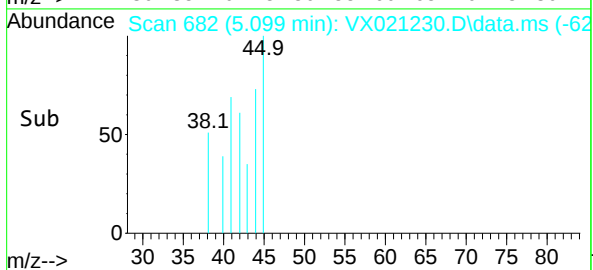
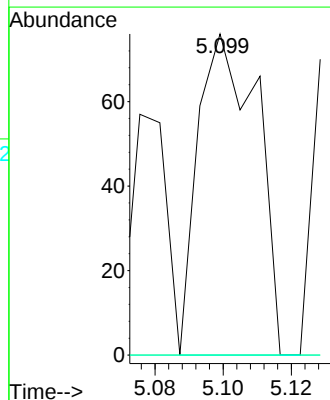
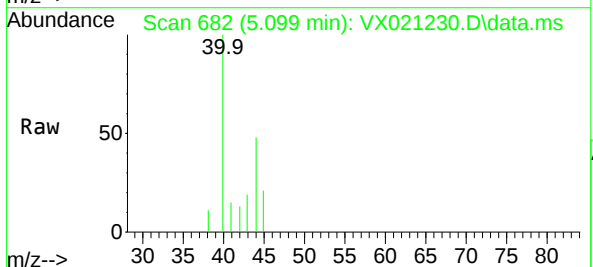
Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90

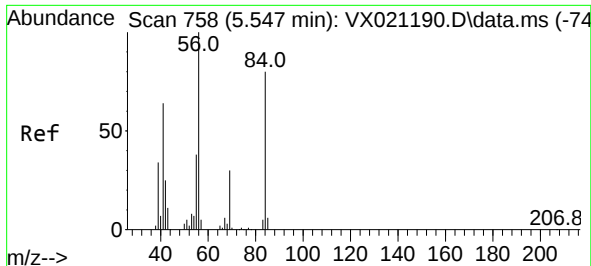
Tgt Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
72 21.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 5.099 min Scan# 682
Delta R.T. 0.011 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

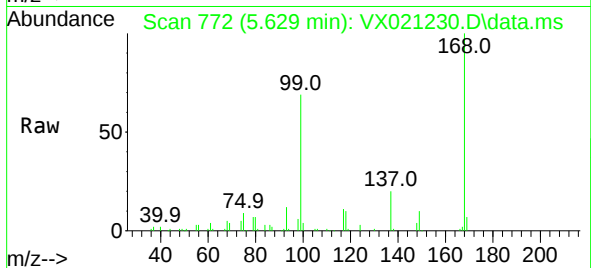
Tgt Ion: 42 Resp: 91
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



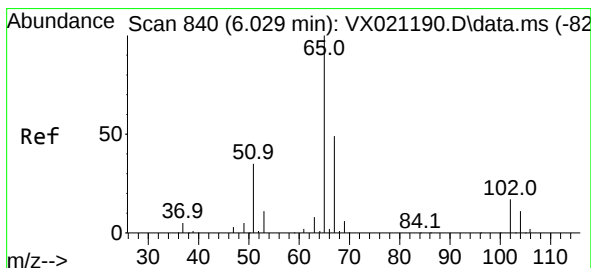
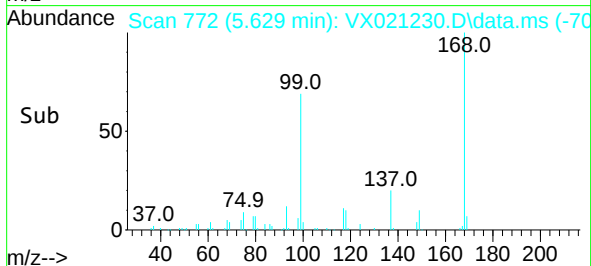
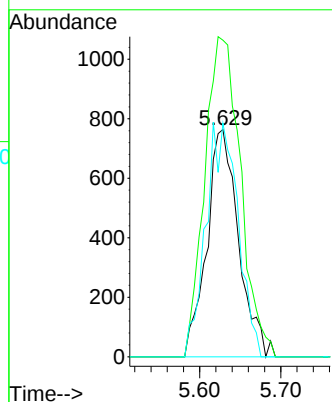


#31
Cyclohexane
Concen: 1.40 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90

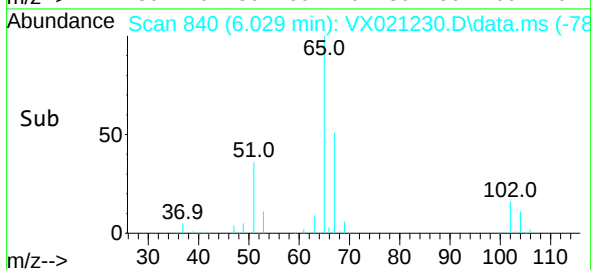
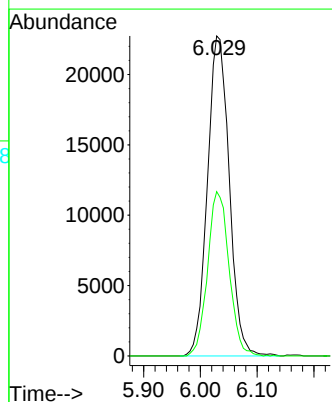
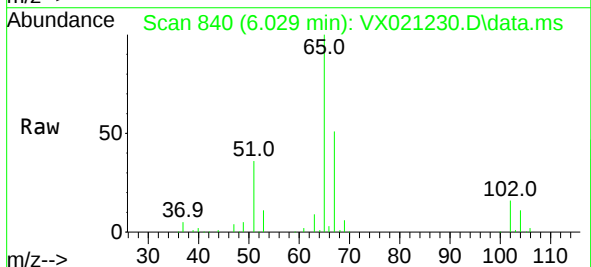


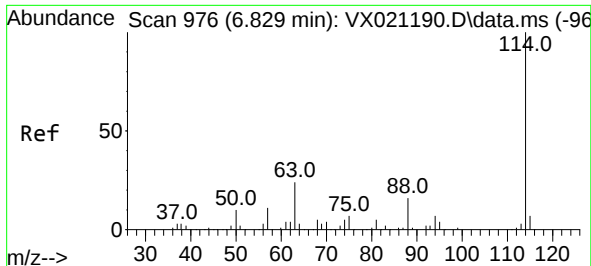
Tgt Ion: 56 Resp: 2077
Ion Ratio Lower Upper
56 100
69 139.3 25.3 37.9#
84 102.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.48 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

Tgt Ion: 65 Resp: 60582
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

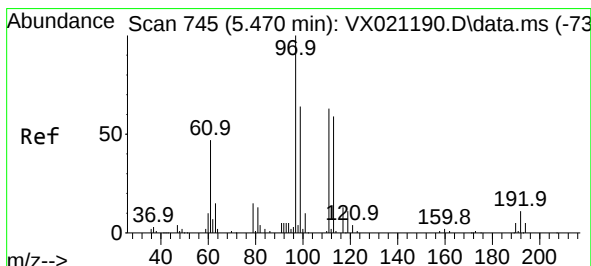
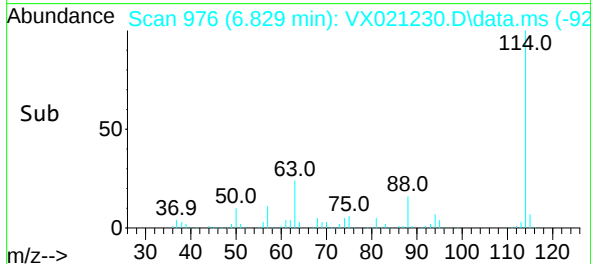
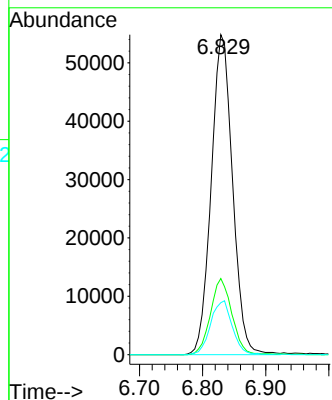
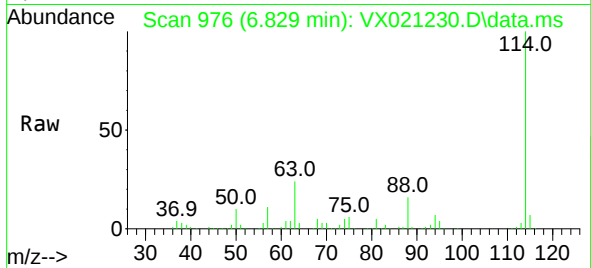




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

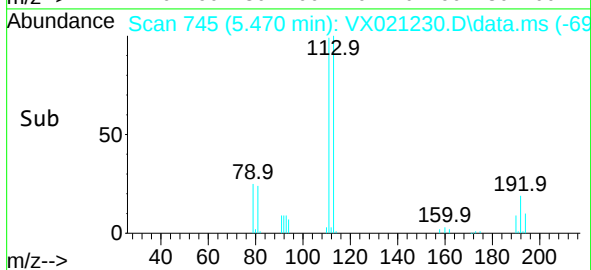
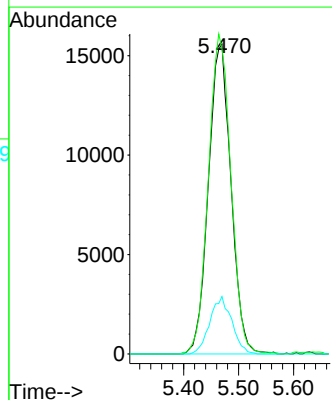
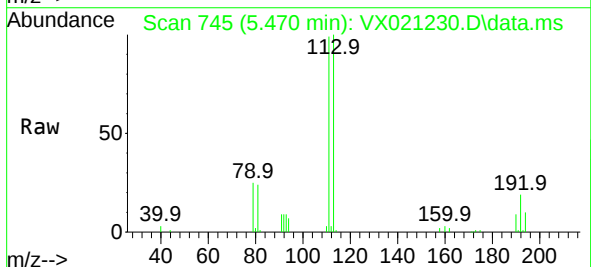
Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90

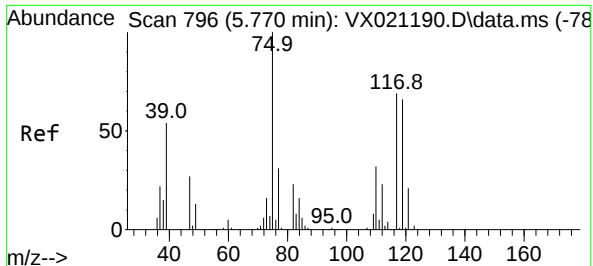
Tgt Ion:114 Resp: 128833
Ion Ratio Lower Upper
114 100
63 23.8 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.14 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.005 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

Tgt Ion:113 Resp: 44449
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 18.0 16.7 25.1

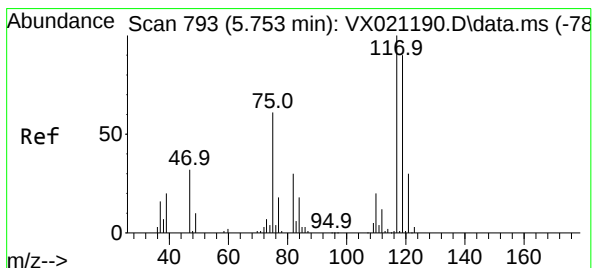
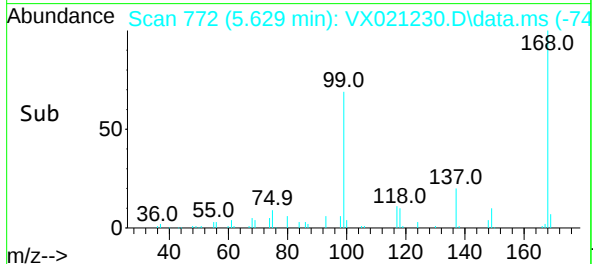
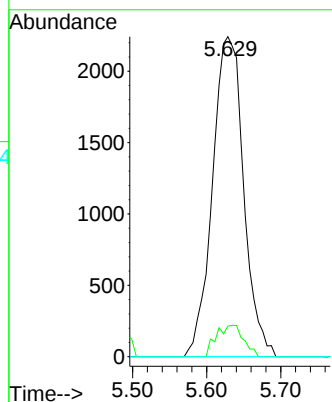
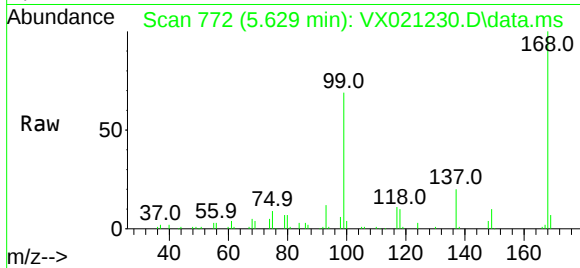




#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.142 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

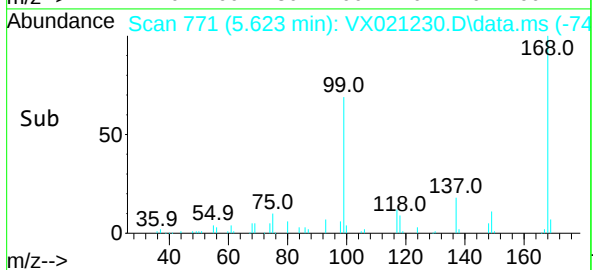
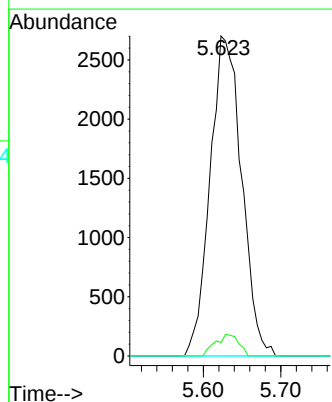
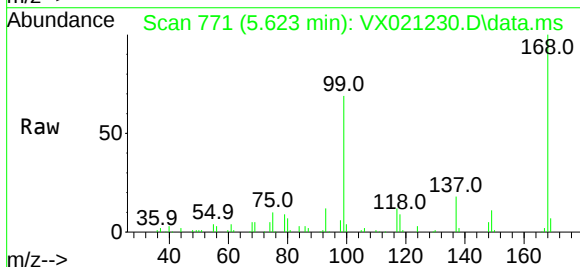
Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90

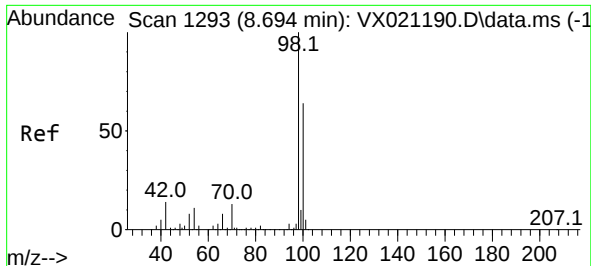
Tgt Ion: 75 Resp: 6548
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.16 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

Tgt Ion: 117 Resp: 7654
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

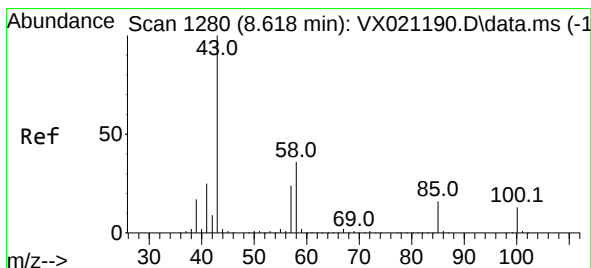
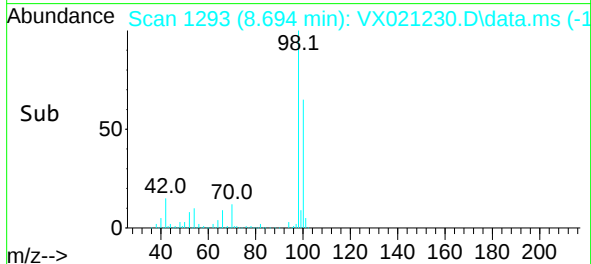
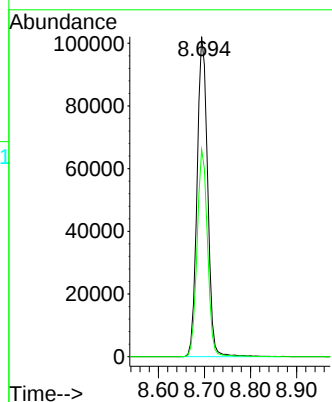
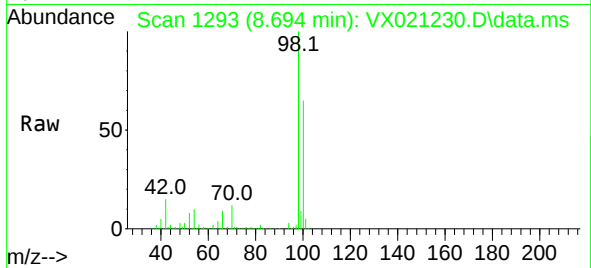




#50
Toluene-d8
Concen: 50.88 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

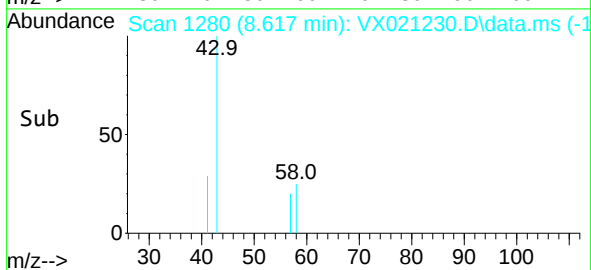
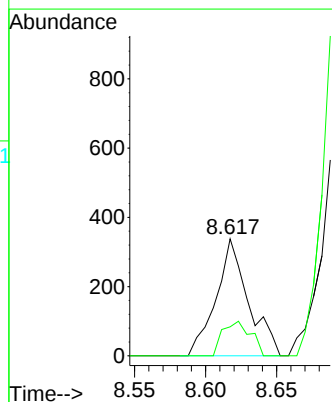
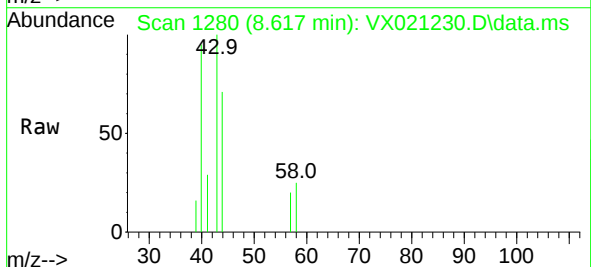
Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90

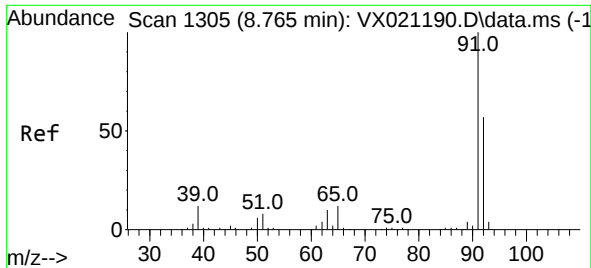
Tgt Ion: 98 Resp: 162012
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.38 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

Tgt Ion: 43 Resp: 536
Ion Ratio Lower Upper
43 100
58 25.6 35.4 53.0#

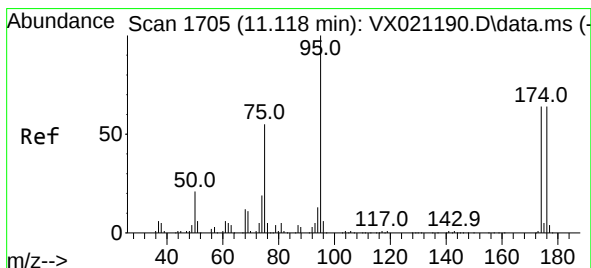
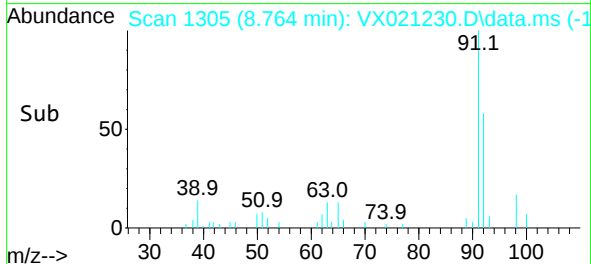
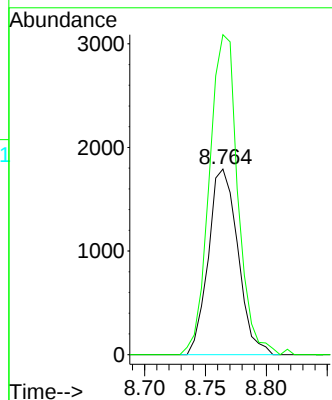
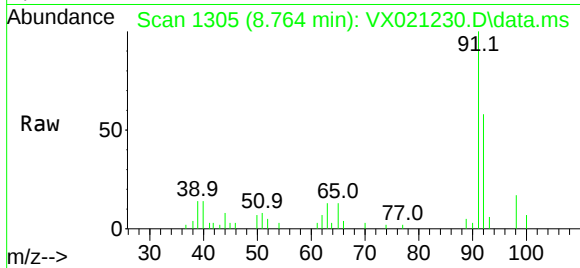




#52
Toluene
Concen: 1.33 ug/l
RT: 8.764 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

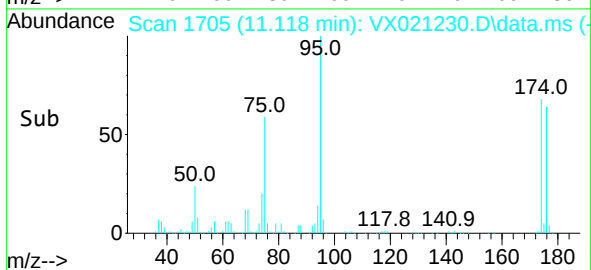
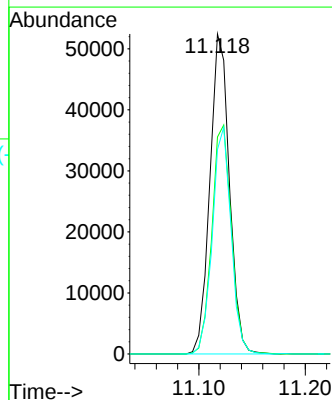
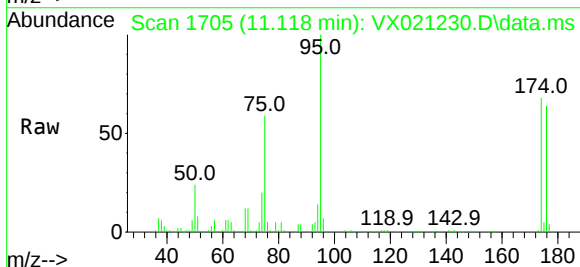
Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90

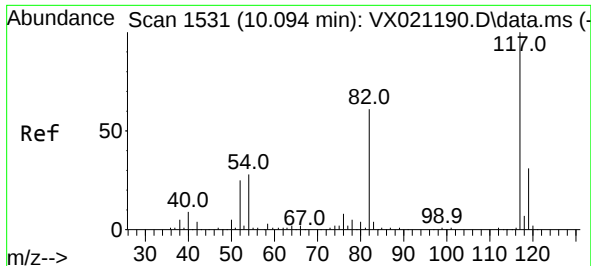
Tgt Ion: 92 Resp: 3020
Ion Ratio Lower Upper
92 100
91 167.3 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 54.83 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

Tgt Ion: 95 Resp: 66530
Ion Ratio Lower Upper
95 100
174 71.6 0.0 154.6
176 68.0 0.0 155.8

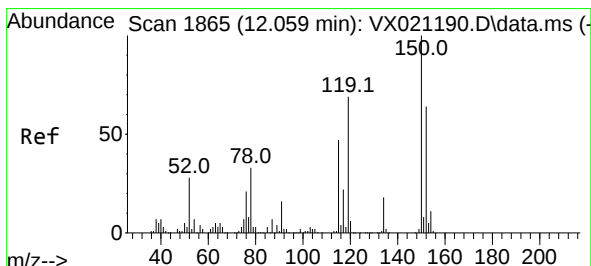
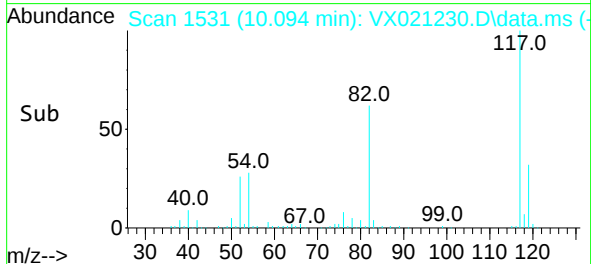
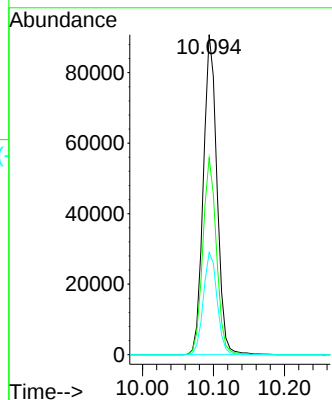
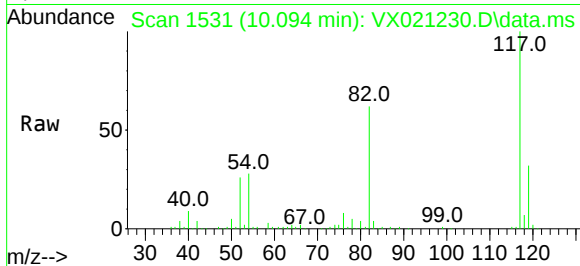




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

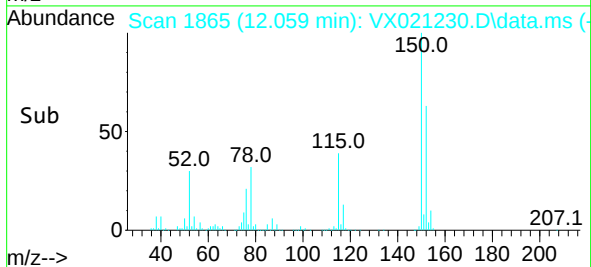
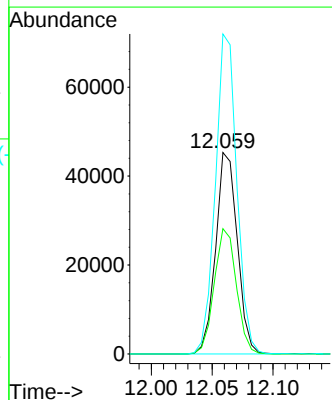
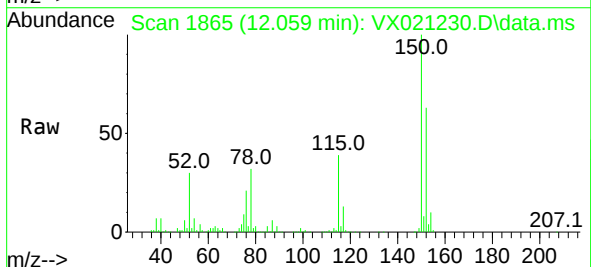
Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90

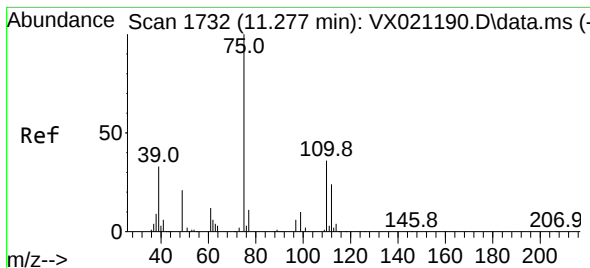
Tgt Ion:117 Resp: 121711
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

Tgt Ion:152 Resp: 56057
Ion Ratio Lower Upper
152 100
115 63.6 41.1 123.3
150 157.6 0.0 349.0

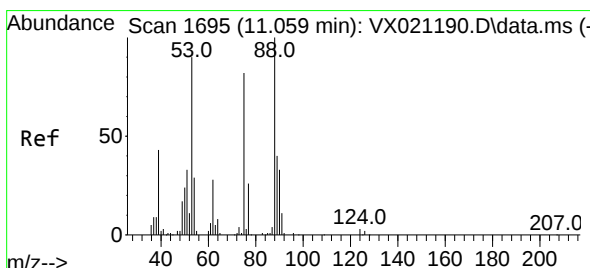
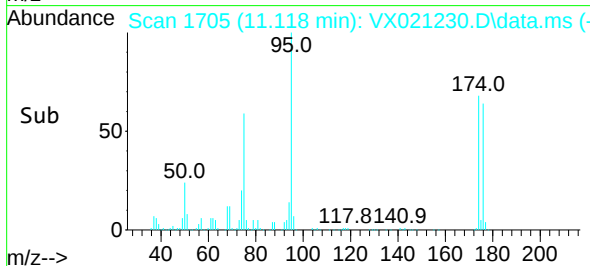
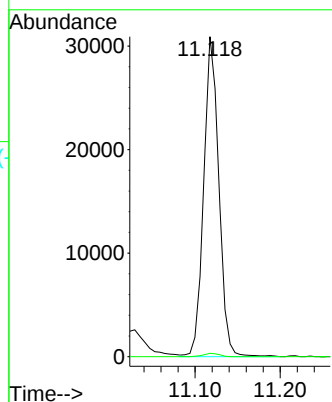
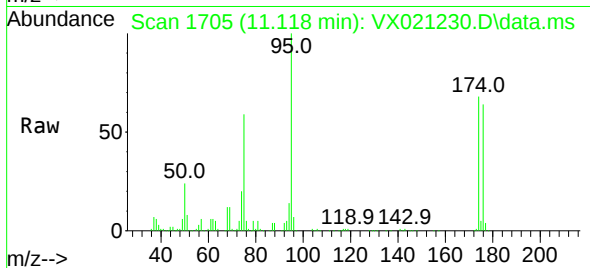




#76
1,2,3-Trichloropropane
Concen: 27.47 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

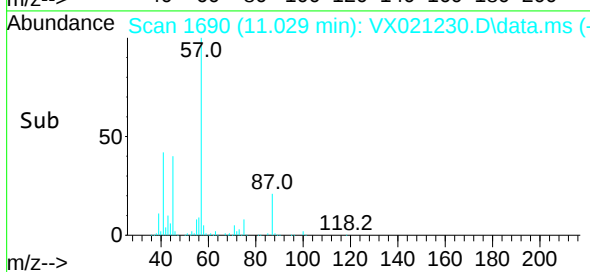
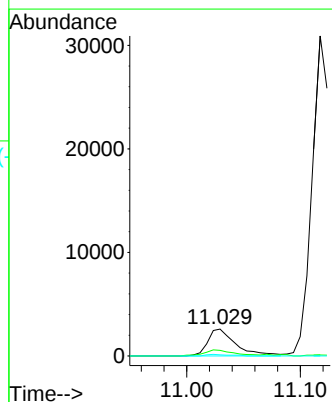
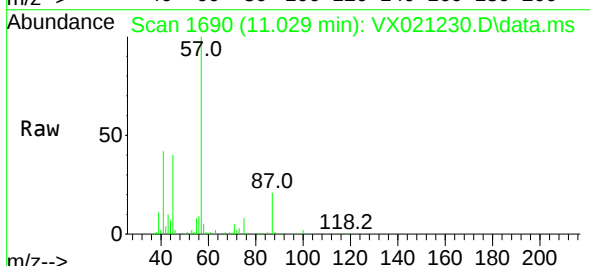
Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90

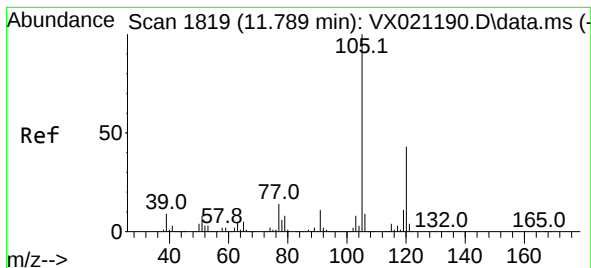
Tgt Ion: 75 Resp: 38188
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 9.09 ug/l
RT: 11.029 min Scan# 1690
Delta R.T. -0.030 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

Tgt Ion: 75 Resp: 4453
Ion Ratio Lower Upper
75 100
53 24.3 74.5 111.7#
89 4.8 37.9 56.9#





#84

1,2,4-Trimethylbenzene

Concen: 0.35 ug/l

RT: 11.794 min Scan# 1820

Delta R.T. 0.005 min

Lab File: VX021230.D

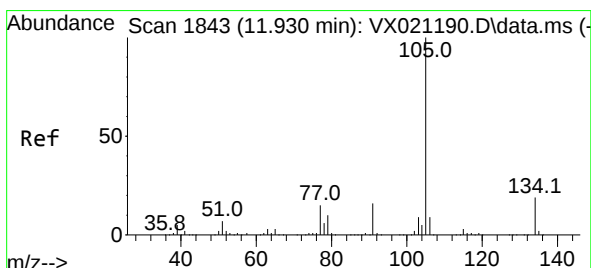
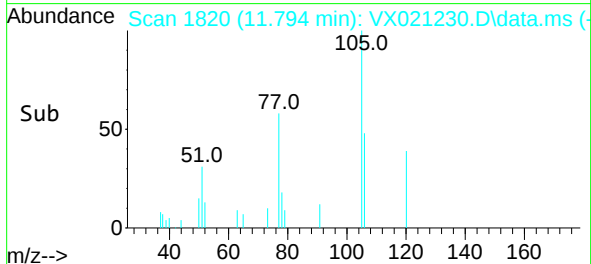
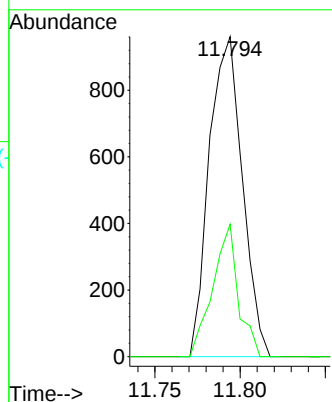
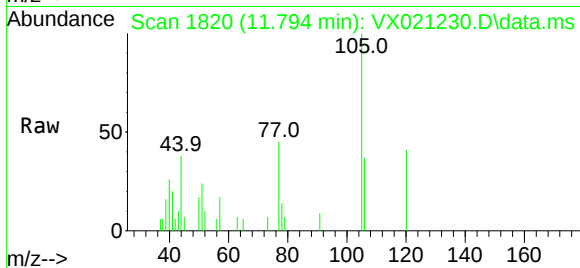
Acq: 16 Mar 2021 03:51

Tgt Ion:105 Resp: 1299

Ion Ratio Lower Upper

105 100

120 31.8 22.4 67.3



#85

sec-Butylbenzene

Concen: 0.32 ug/l

RT: 11.794 min Scan# 1820

Delta R.T. -0.136 min

Lab File: VX021230.D

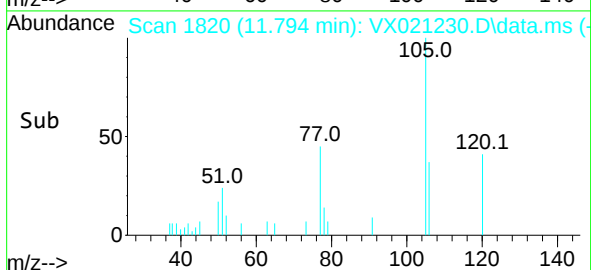
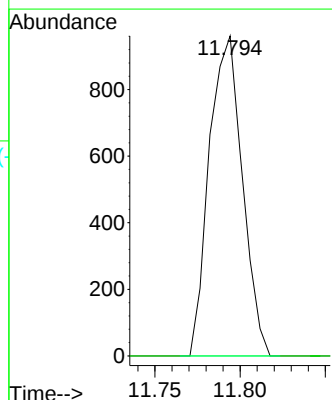
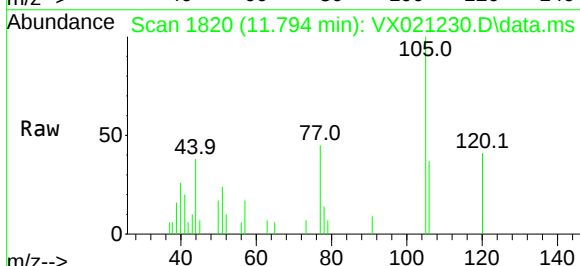
Acq: 16 Mar 2021 03:51

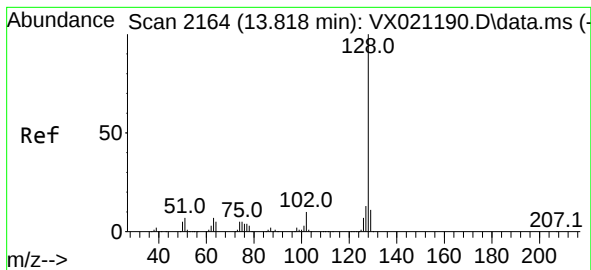
Tgt Ion:105 Resp: 1299

Ion Ratio Lower Upper

105 100

134 0.0 10.0 29.8#





#95
Naphthalene
Concen: 1.67 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021230.D
Acq: 16 Mar 2021 03:51

Instrument :
MSVOA_X
ClientSampleId :
COMP-89-90

Tgt Ion:128 Resp: 880
Ion Ratio Lower Upper
128 100
127 15.0 10.3 15.5
129 0.0 8.8 13.2#

