

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020366.D
 Acq On : 24 Dec 2020 02:48
 Operator : JC/MD
 Sample : L5095-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-5101-121420

Quant Time: Dec 24 05:36:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

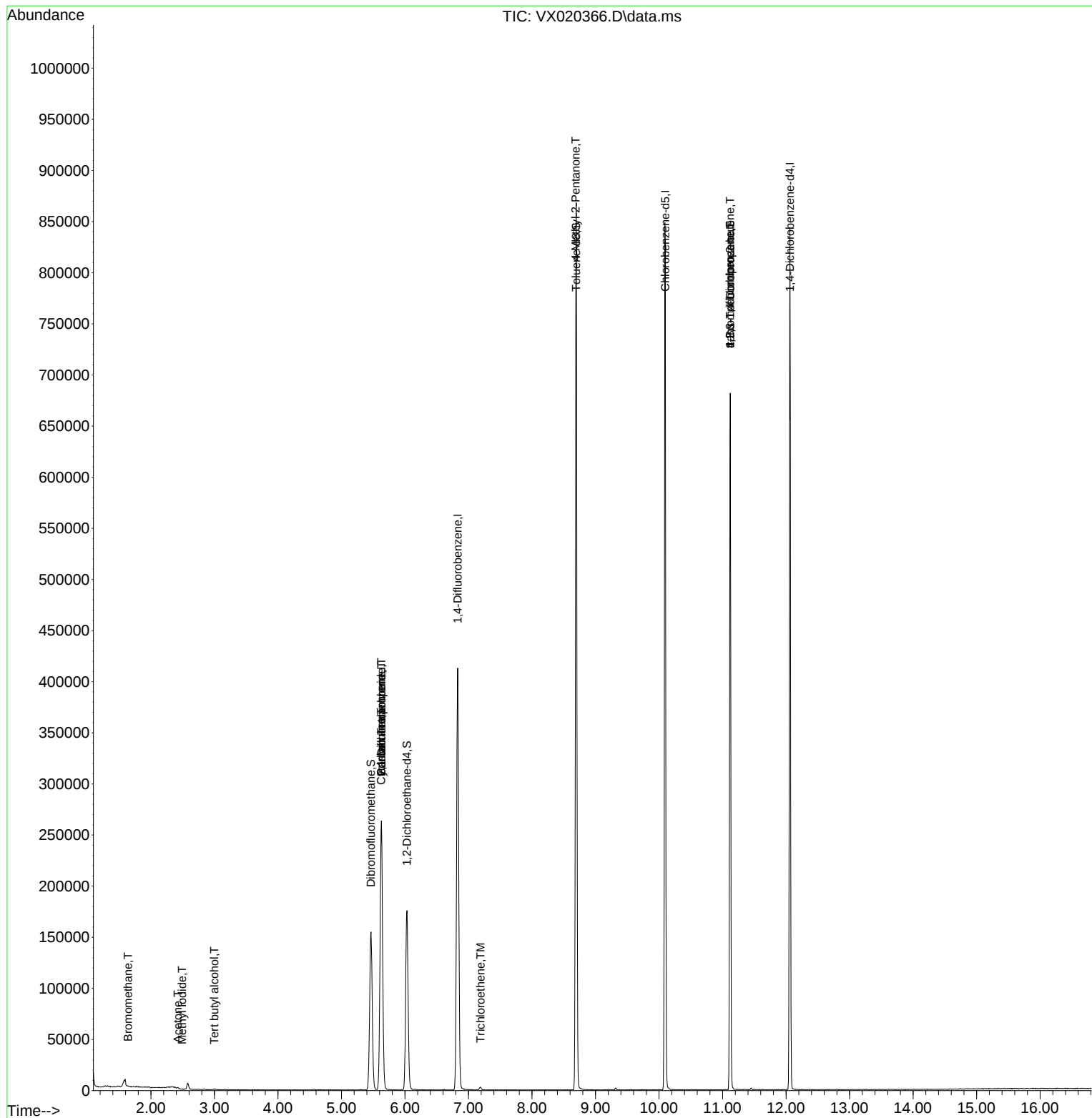
Internal Standards						
1) Pentafluorobenzene	5.629	168	246645	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	416737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	402613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	169177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	169878	51.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.76%			
35) Dibromofluoromethane	5.464	113	136544	51.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.44%			
50) Toluene-d8	8.696	98	513461	50.04	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.08%			
62) 4-Bromofluorobenzene	11.122	95	188521	48.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.00%			
Target Compounds						Qvalue
5) Bromomethane	1.636	94	400	0.37	ug/l #	67
10) Methyl Iodide	2.489	142	192	3.34	ug/l #	82
11) Tert butyl alcohol	2.995	59	560	0.76	ug/l #	73
16) Acetone	2.422	43	1651	1.10	ug/l	99
31) Cyclohexane	5.623	56	4996	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19425	4.72	ug/l #	48
38) Carbon Tetrachloride	5.629	117	24680	6.30	ug/l #	17
44) Trichloroethene	7.190	130	1129	0.34	ug/l	88
51) 4-Methyl-2-Pentanone	8.689	43	2010	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	92054	22.09	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	92054	65.54	ug/l #	12

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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39-5101-121420

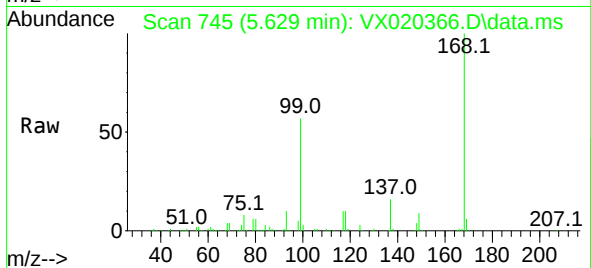
Quant Time: Dec 24 05:36:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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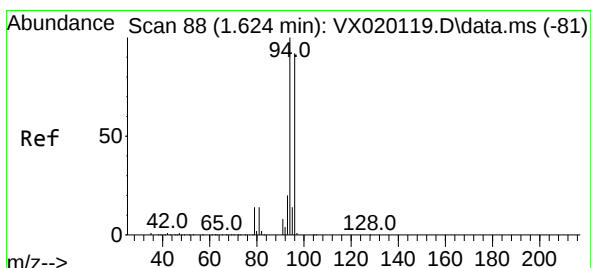
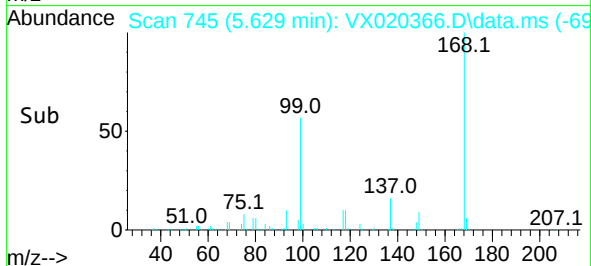
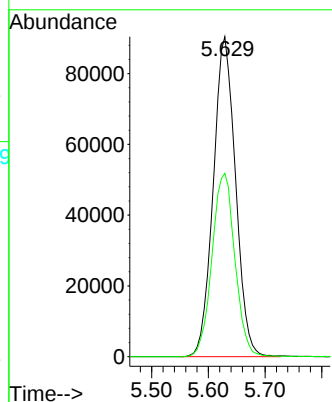


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

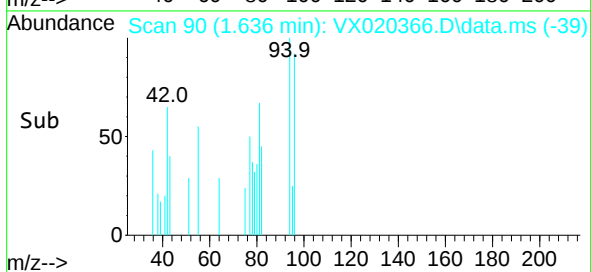
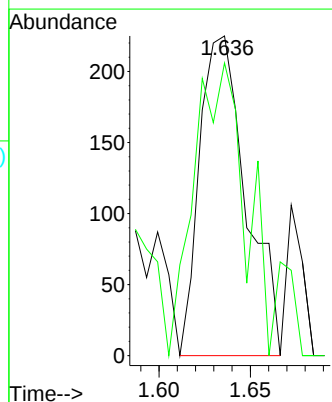
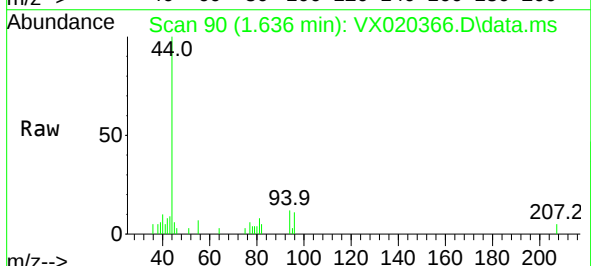


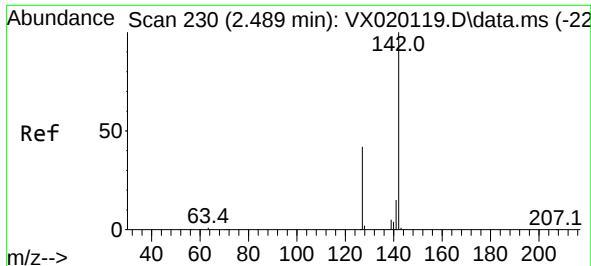
Tgt Ion:168 Resp: 246645
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.6



#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

Tgt Ion: 94 Resp: 400
Ion Ratio Lower Upper
94 100
96 63.1 76.4 114.6#





#10

Methyl Iodide

Concen: 3.34 ug/l

RT: 2.489 min Scan# 230

Delta R.T. 0.000 min

Lab File: VX020366.D

Acq: 24 Dec 2020 02:48

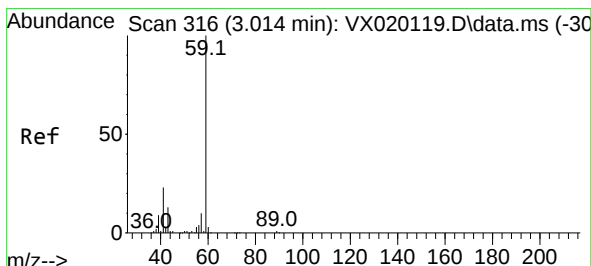
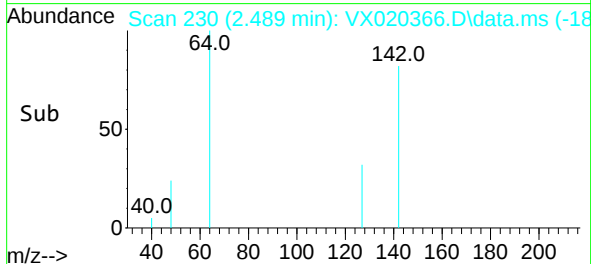
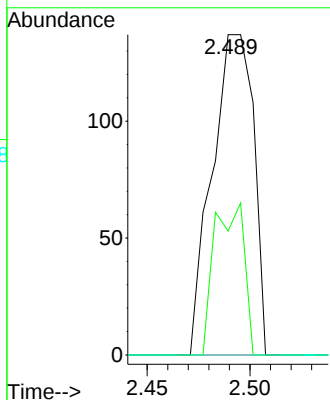
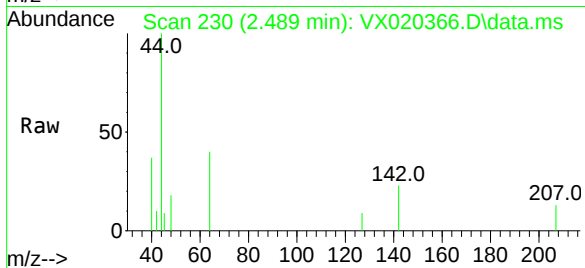
Instrument :

MSVOA_X

ClientSampleId :

39-5101-121420

Tgt Ion:	142	Resp:	192
Ion	Ratio	Lower	Upper
142	100		
127	33.9	33.3	49.9
141	0.0	11.4	17.0#



#11

Tert butyl alcohol

Concen: 0.76 ug/l

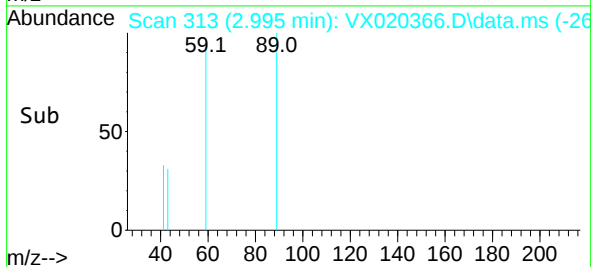
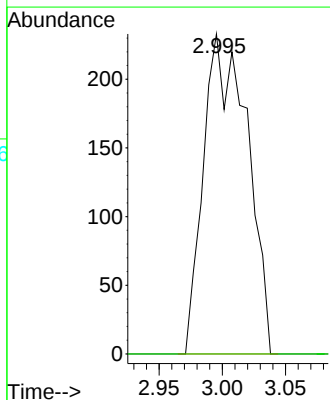
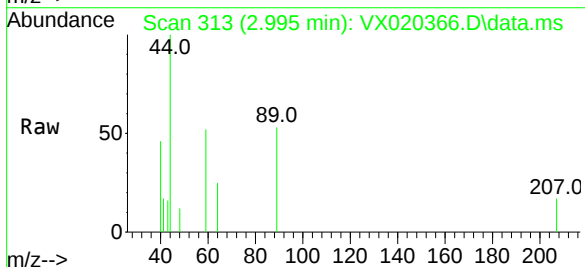
RT: 2.995 min Scan# 313

Delta R.T. -0.019 min

Lab File: VX020366.D

Acq: 24 Dec 2020 02:48

Tgt Ion:	59	Resp:	560
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

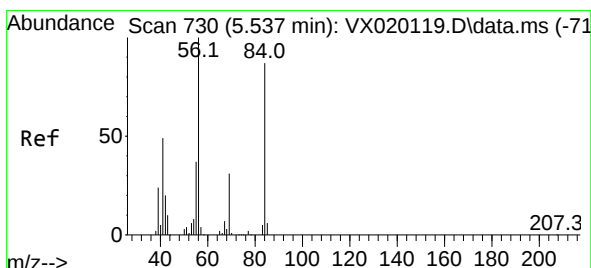
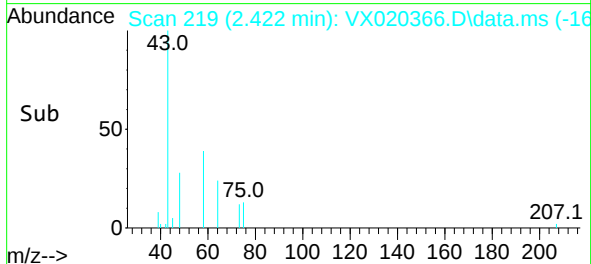
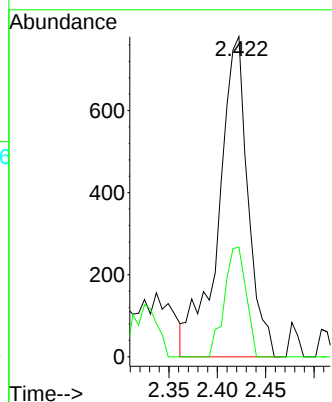
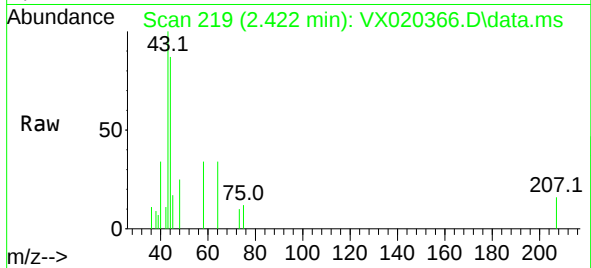




#16
Acetone
Concen: 1.10 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

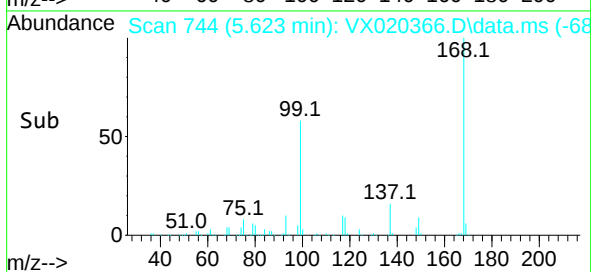
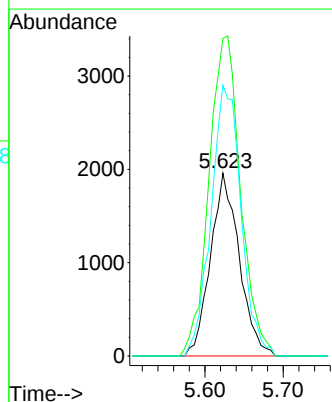
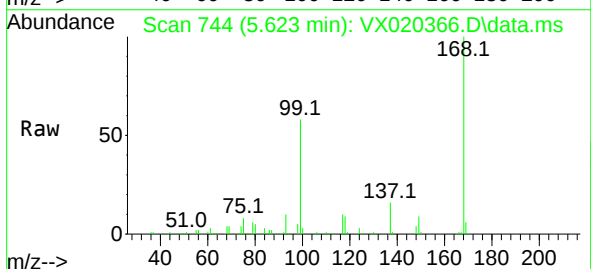
Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

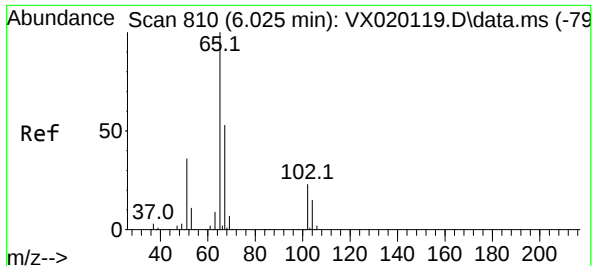
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

Tgt Ion: 56 Resp: 4996
Ion Ratio Lower Upper
56 100
69 173.8 25.3 37.9#
84 148.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.38 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020366.D

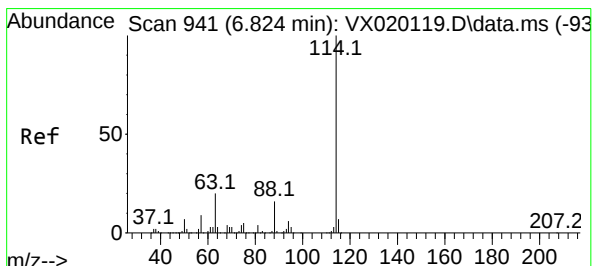
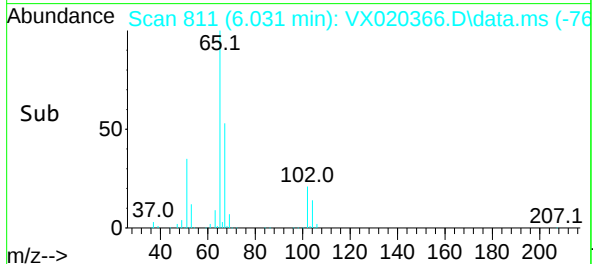
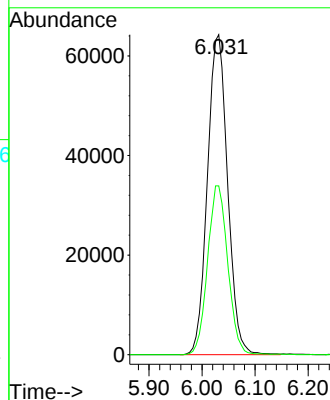
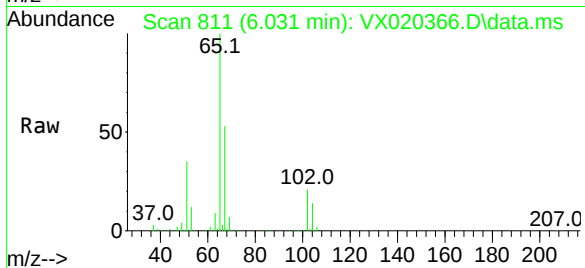
Acq: 24 Dec 2020 02:48

Tgt Ion: 65 Resp: 169878

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020366.D

Acq: 24 Dec 2020 02:48

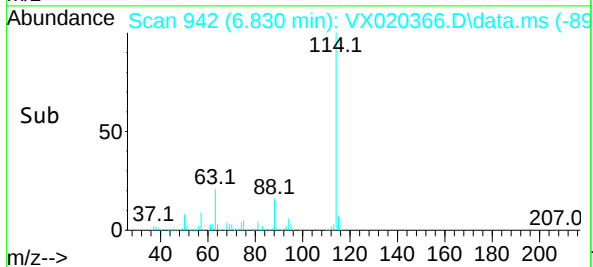
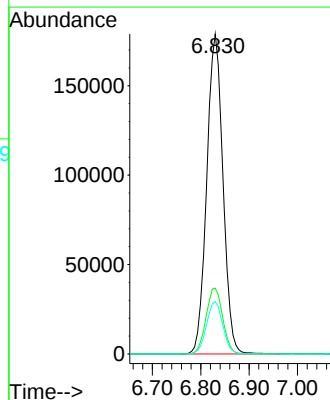
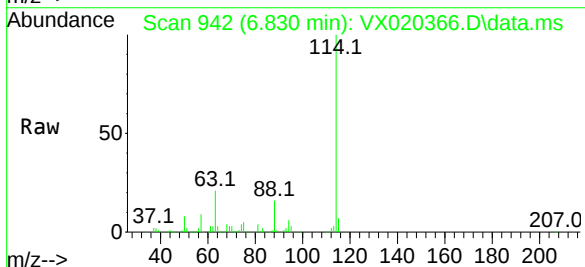
Tgt Ion: 114 Resp: 416737

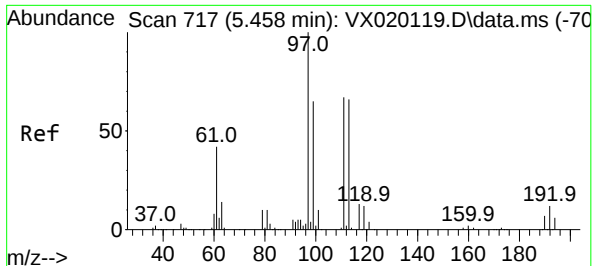
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

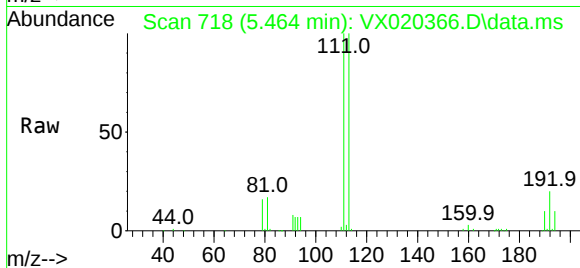
88 16.3 0.0 32.8



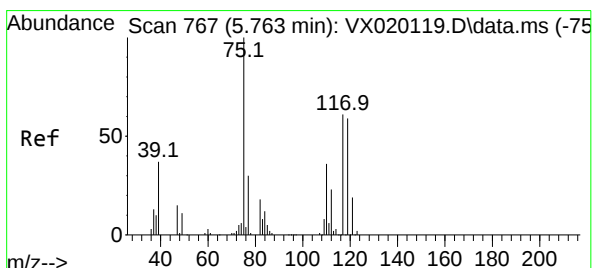
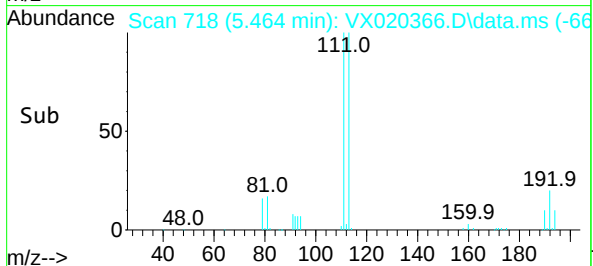
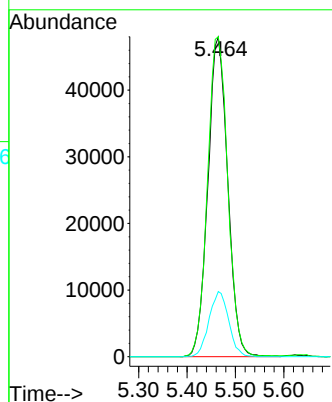


#35
Dibromofluoromethane
Concen: 51.22 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

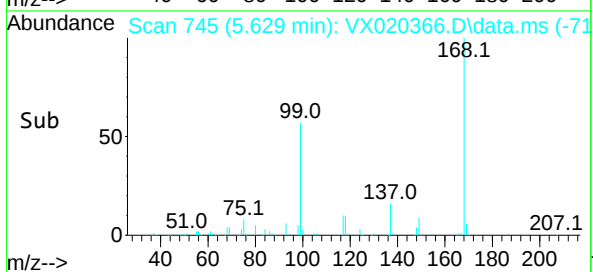
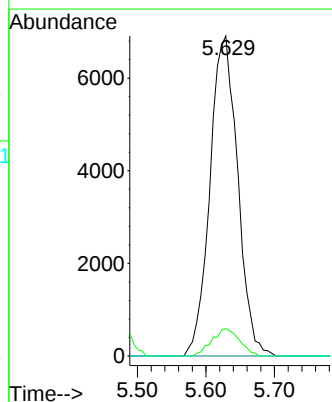
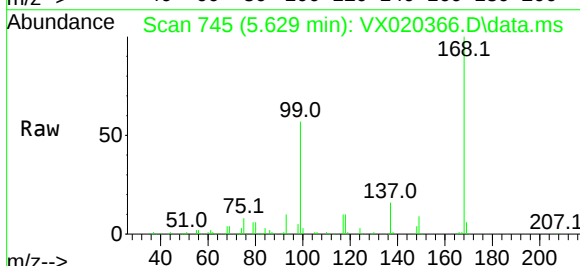


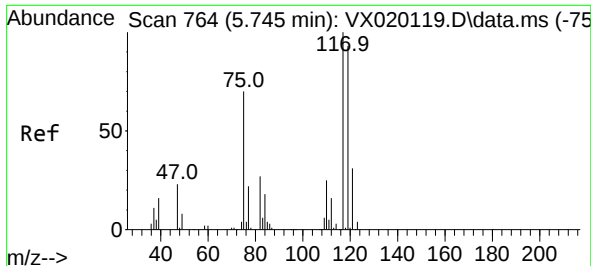
Tgt Ion:113 Resp: 136544
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

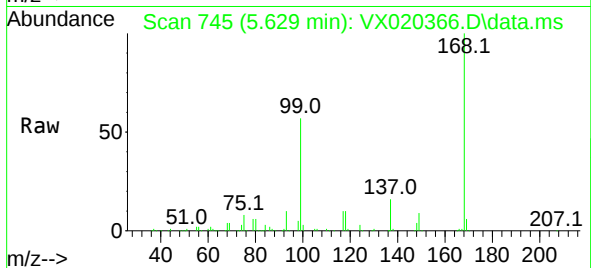
Tgt Ion: 75 Resp: 19425
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



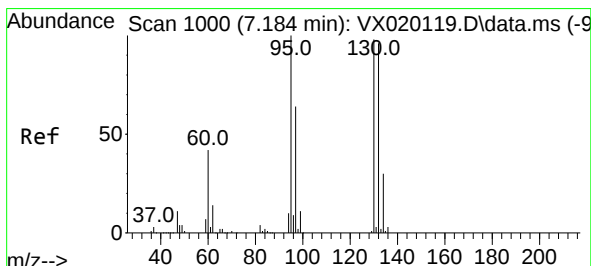
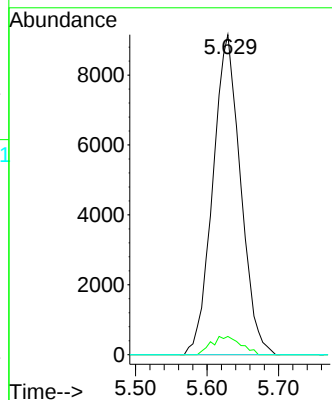
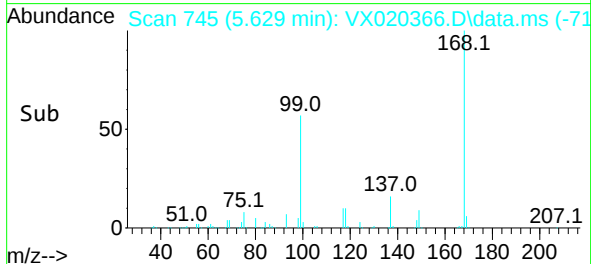


#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

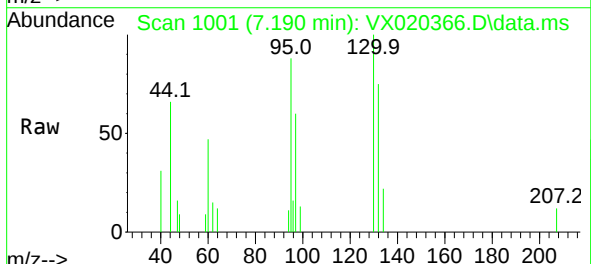
Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420



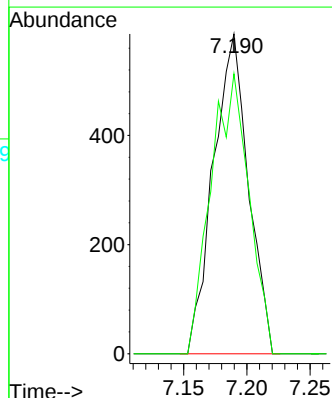
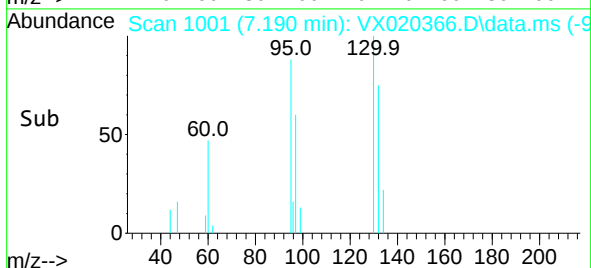
Tgt Ion:117 Resp: 24680
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

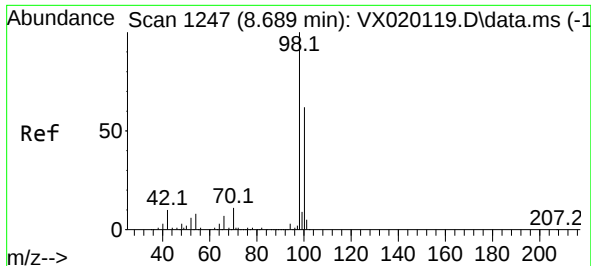


#44
Trichloroethene
Concen: 0.34 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48



Tgt Ion:130 Resp: 1129
Ion Ratio Lower Upper
130 100
95 87.5 0.0 198.0

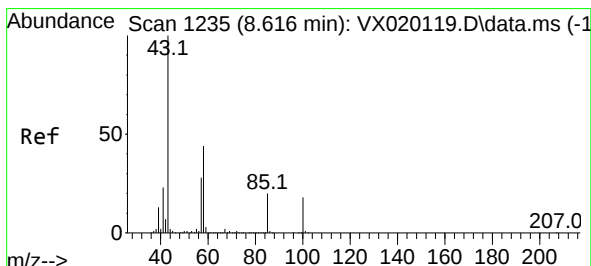
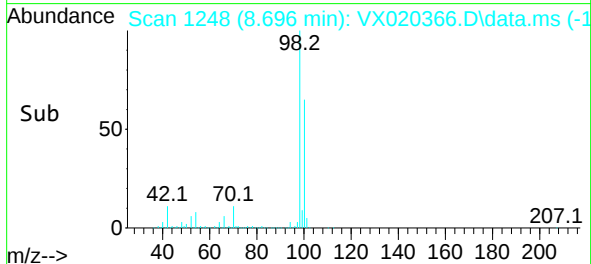
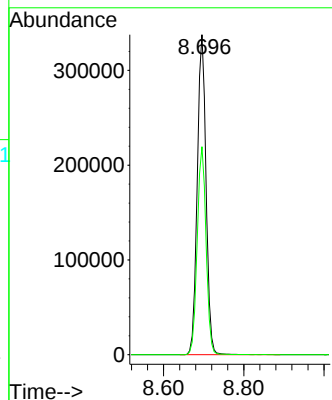
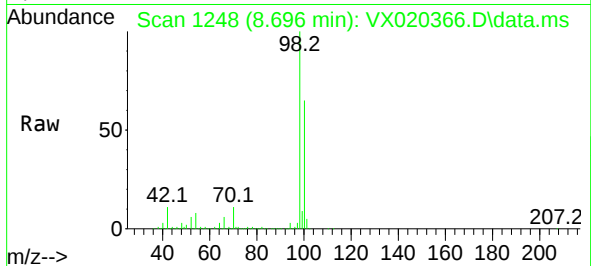




#50
Toluene-d8
Concen: 50.04 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

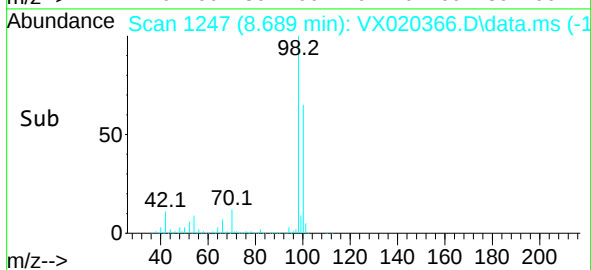
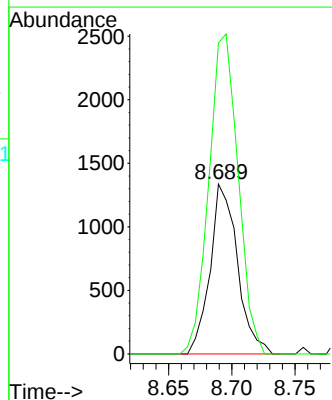
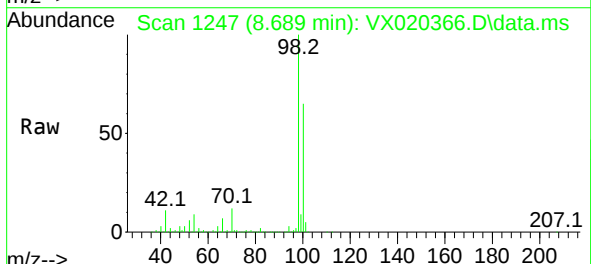
Instrument :
MSVOA_X
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39-5101-121420

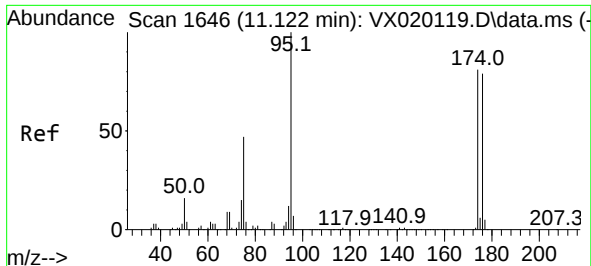
Tgt Ion: 98 Resp: 513461
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
58 201.3 35.4 53.0#

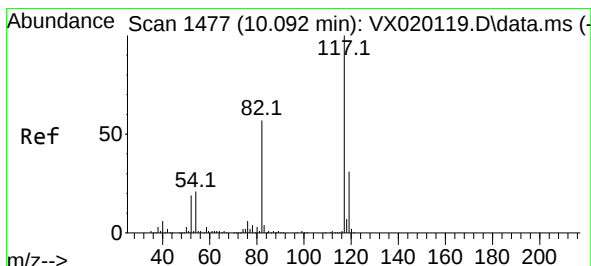
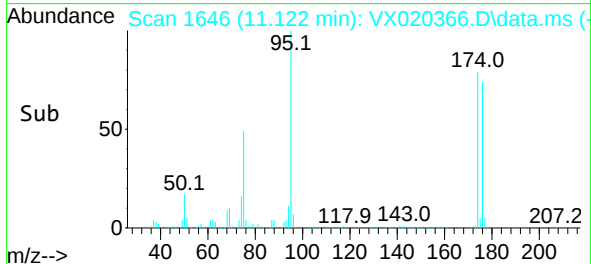
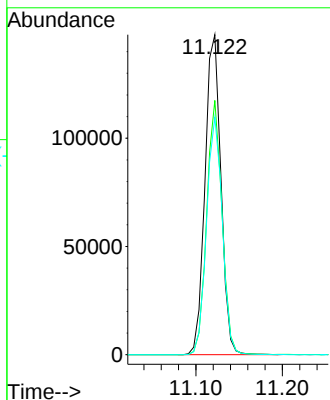
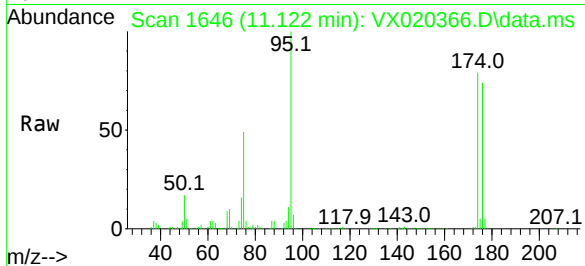




#62
4-Bromofluorobenzene
Concen: 48.00 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

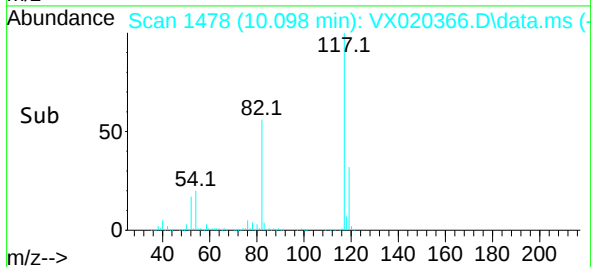
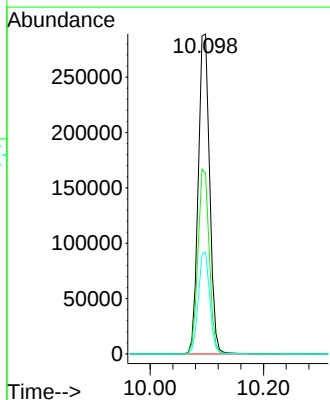
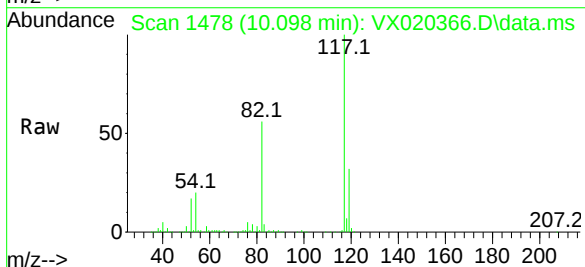
Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

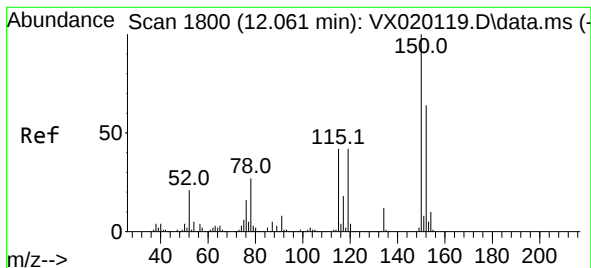
Tgt Ion: 95 Resp: 188521
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 73.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

Tgt Ion: 117 Resp: 402613
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 31.8 26.6 39.8

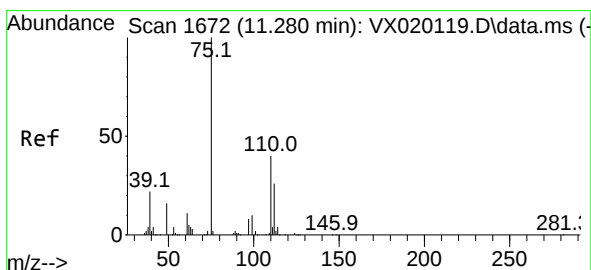
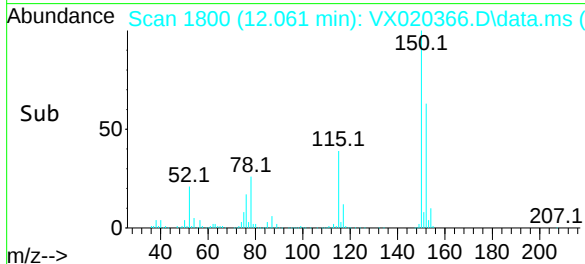
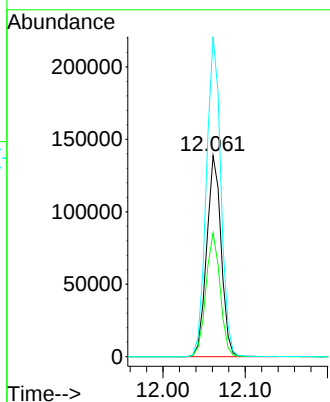
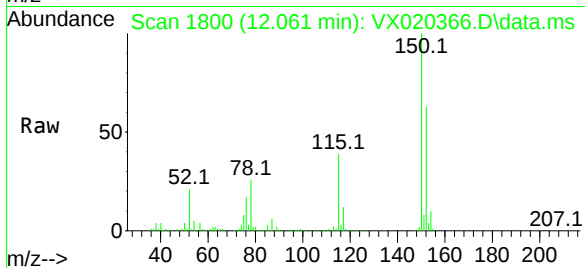




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

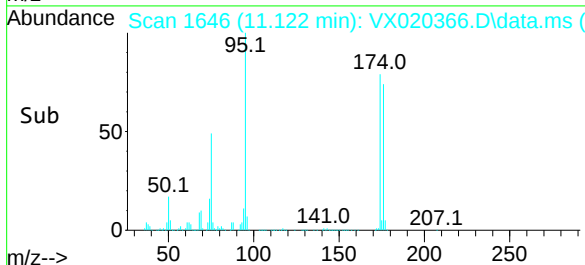
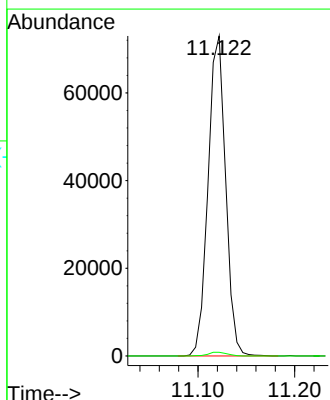
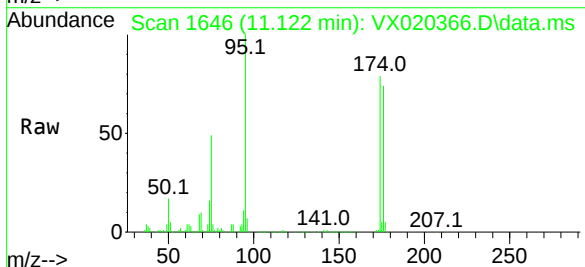
Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

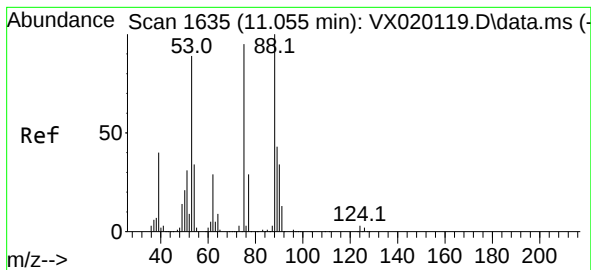
Tgt Ion:152 Resp: 169177
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 159.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 22.09 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020366.D
Acq: 24 Dec 2020 02:48

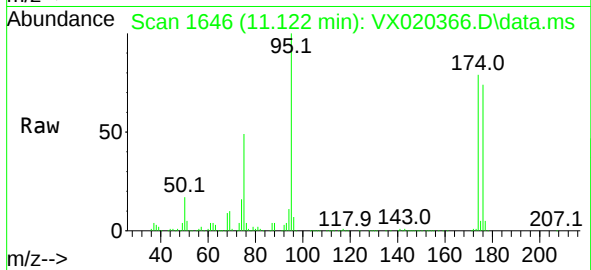
Tgt Ion: 75 Resp: 92054
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.54 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020366.D
 Acq: 24 Dec 2020 02:48

Instrument :
 MSVOA_X
 ClientSampleId :
 39-5101-121420



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#

