

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022255.D
 Acq On : 28 May 2021 15:55
 Operator : JC/MD
 Sample : VX0529WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBL01

Quant Time: May 29 03:51:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

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

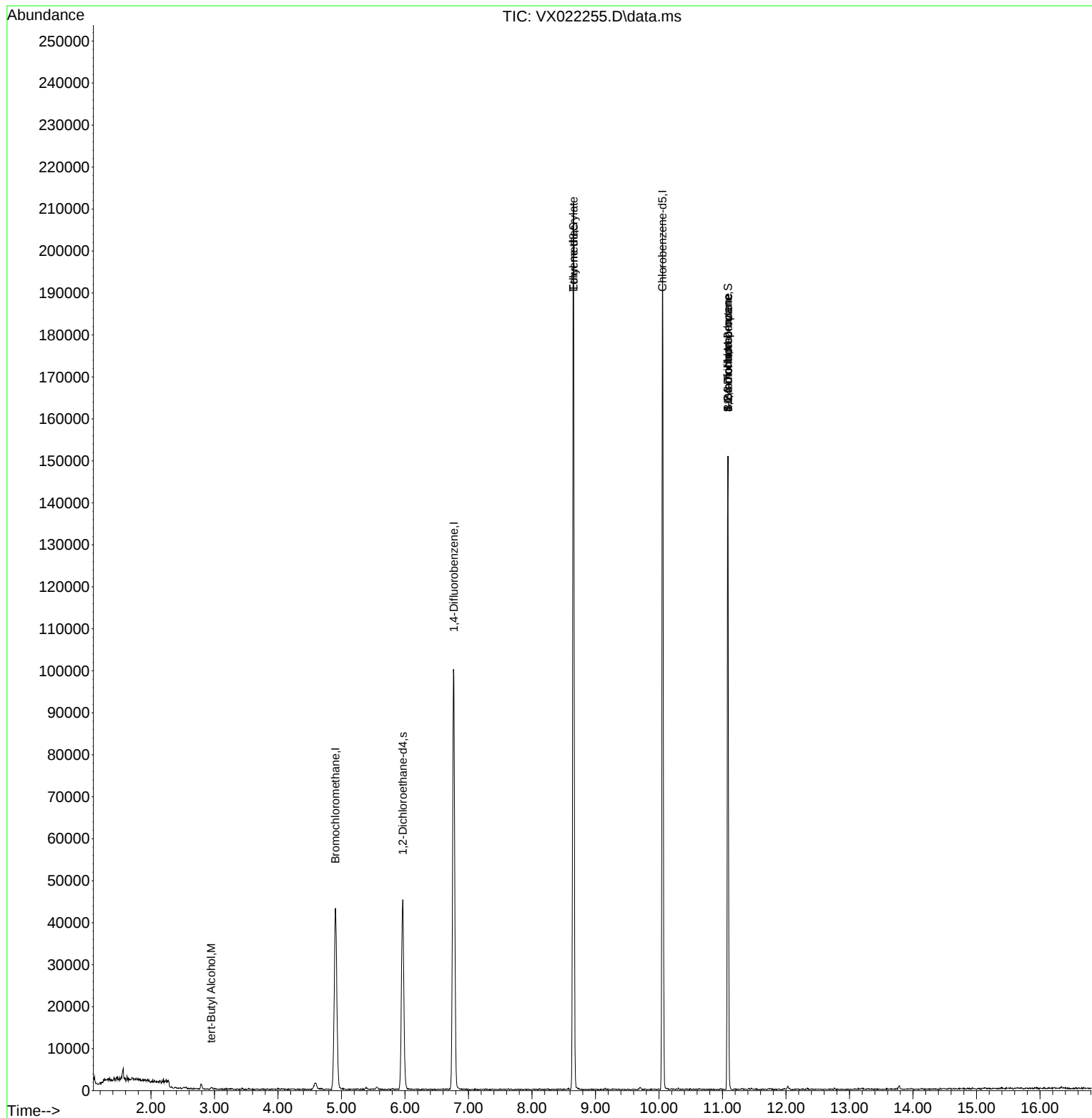
Internal Standards						
1) Bromochloromethane	4.904	128	16908	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	100202	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	87355	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	40619	31.19	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.97%			
60) 4-Bromofluorobenzene	11.085	95	41630	28.72	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.73%			
63) Toluene-d8	8.653	98	120092	30.08	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.27%			
Target Compounds						
23) tert-Butyl Alcohol	2.947	59	274	0.99	ug/l #	100
51) Ethyl methacrylate	8.653	69	425	0.22	ug/l #	58
56) Bromoform	11.085	173	211	0.28	ug/l #	1
72) 1,2,3-Trichloropropane	11.085	75	20972	13.45	ug/l	64
77) t-1,4-Dichloro-2-butene	11.085	75	20972	33.19	ug/l #	17

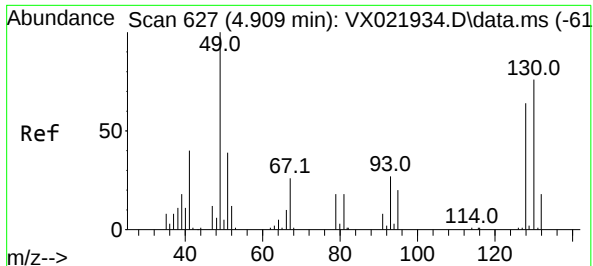
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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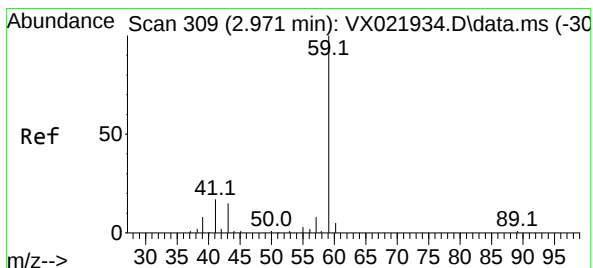
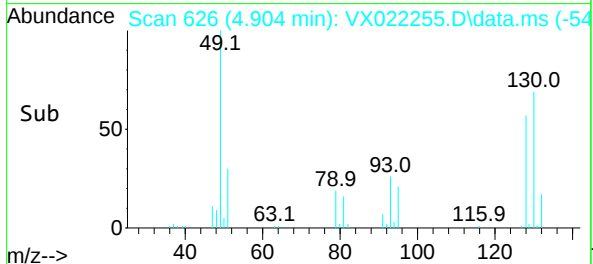
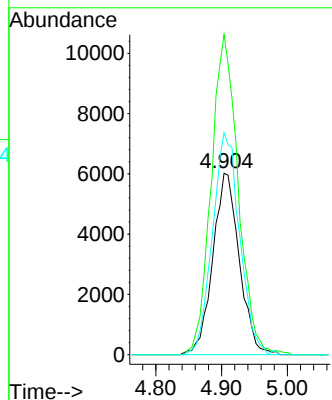
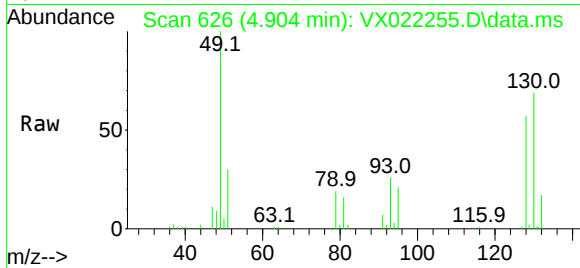




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.005 min
Lab File: VX022255.D
Acq: 28 May 2021 15:55

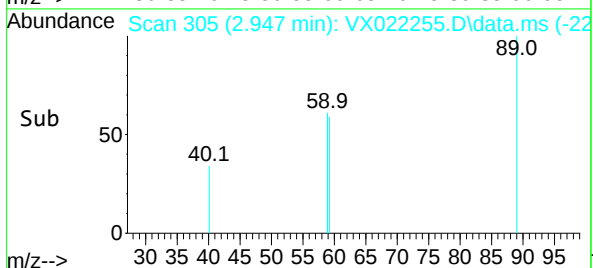
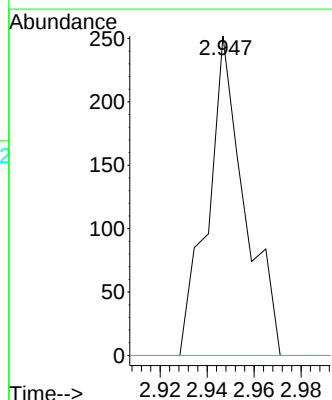
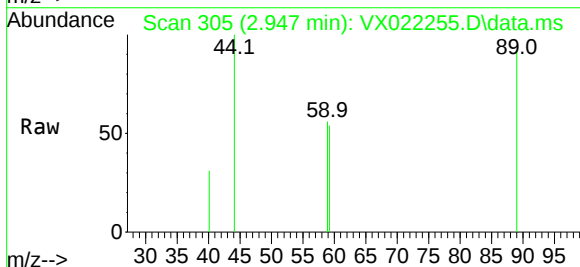
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

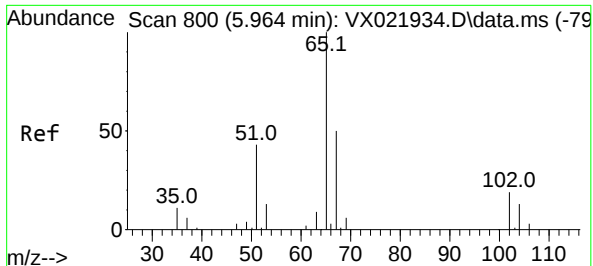
Tgt Ion:128 Resp: 16908
Ion Ratio Lower Upper
128 100
49 178.4 0.0 442.5
130 125.0 0.0 323.3



#23
tert-Butyl Alcohol
Concen: 0.99 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX022255.D
Acq: 28 May 2021 15:55

Tgt Ion: 59 Resp: 274
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0





#27

1,2-Dichloroethane-d4

Concen: 31.19 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022255.D

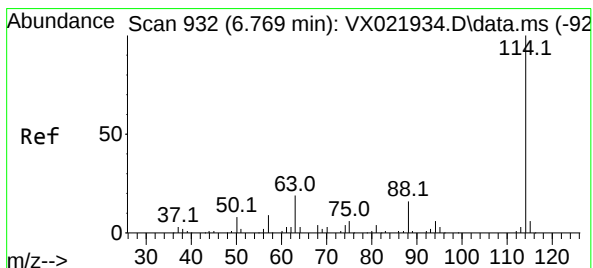
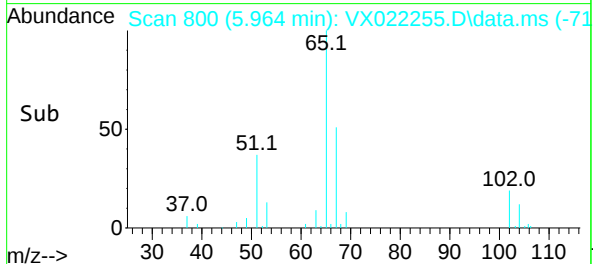
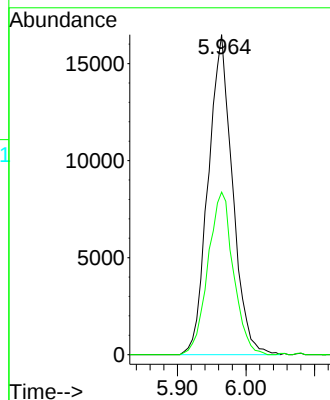
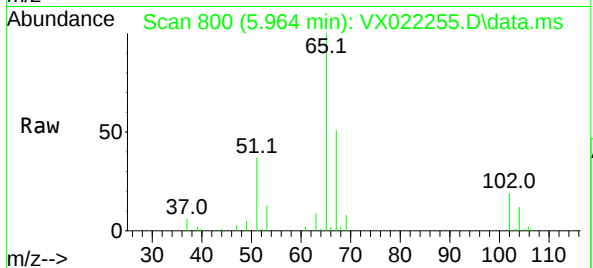
Acq: 28 May 2021 15:55

Tgt Ion: 65 Resp: 40619

Ion Ratio Lower Upper

65 100

67 53.1 41.5 62.3



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022255.D

Acq: 28 May 2021 15:55

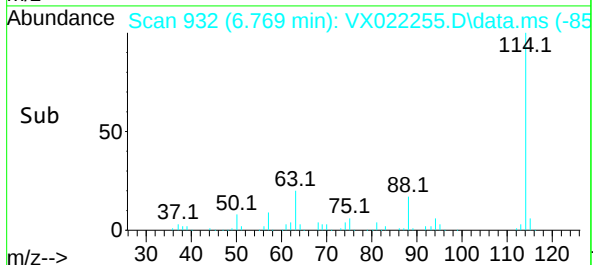
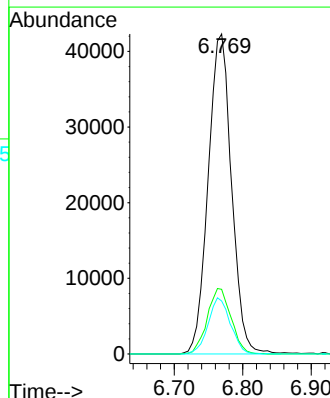
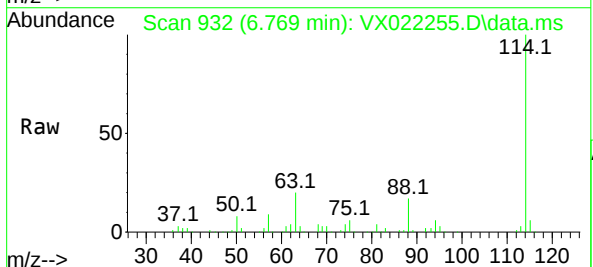
Tgt Ion: 114 Resp: 100202

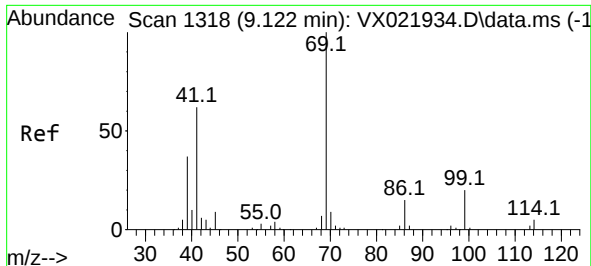
Ion Ratio Lower Upper

114 100

63 20.7 16.6 25.0

88 16.7 13.1 19.7

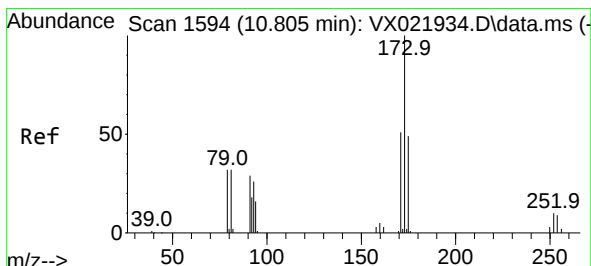
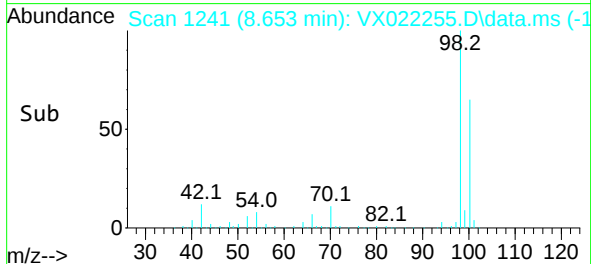
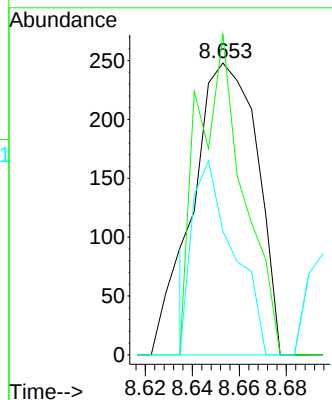
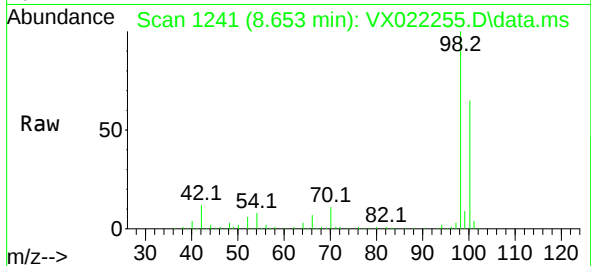




#51
Ethyl methacrylate
Concen: 0.22 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.469 min
Lab File: VX022255.D
Acq: 28 May 2021 15:55

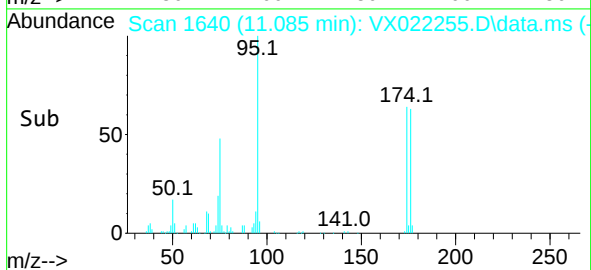
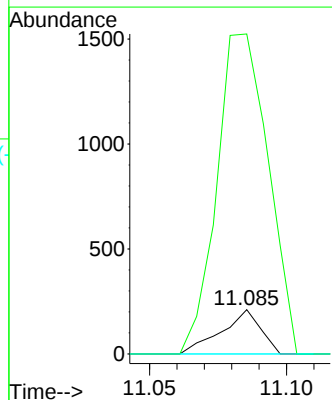
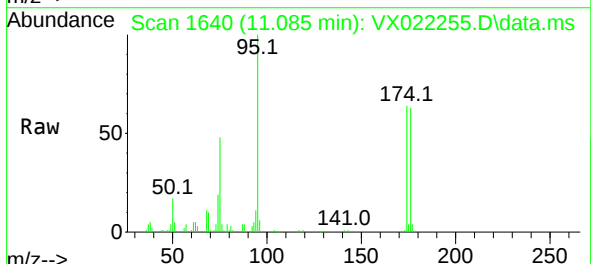
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

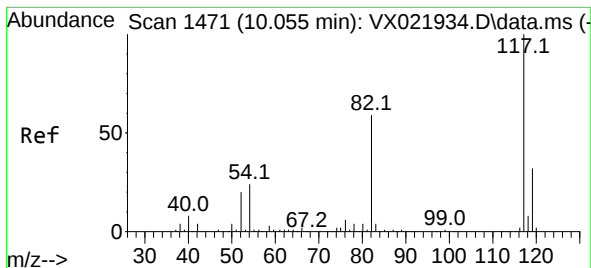
Tgt Ion: 69 Resp: 425
Ion Ratio Lower Upper
69 100
41 109.7 31.1 93.5#
39 42.3 18.3 54.9



#56
Bromoform
Concen: 0.28 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.281 min
Lab File: VX022255.D
Acq: 28 May 2021 15:55

Tgt Ion: 173 Resp: 211
Ion Ratio Lower Upper
173 100
175 944.1 39.4 59.2#
254 0.0 8.0 12.0#

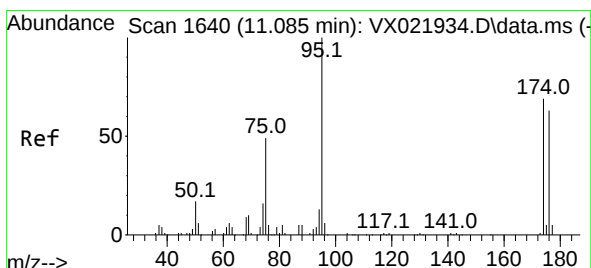
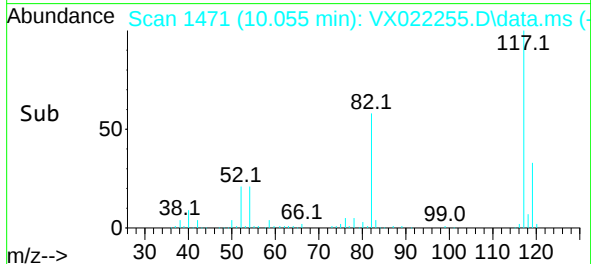
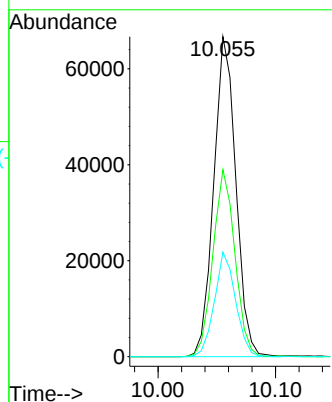
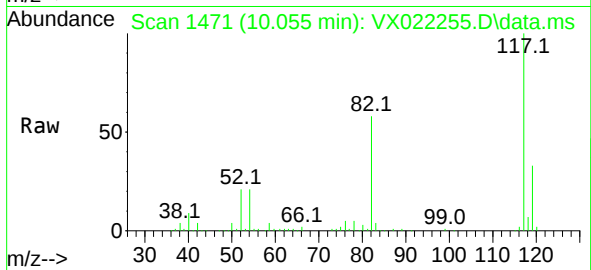




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022255.D
Acq: 28 May 2021 15:55

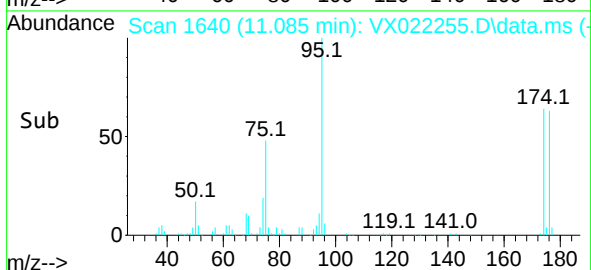
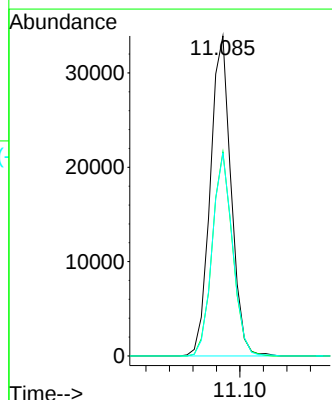
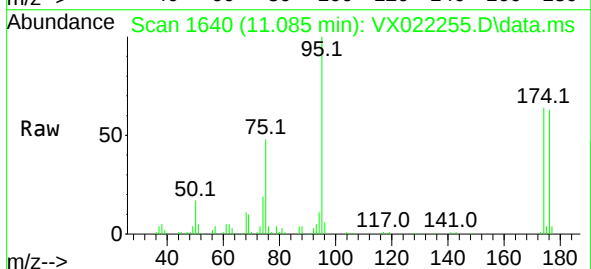
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

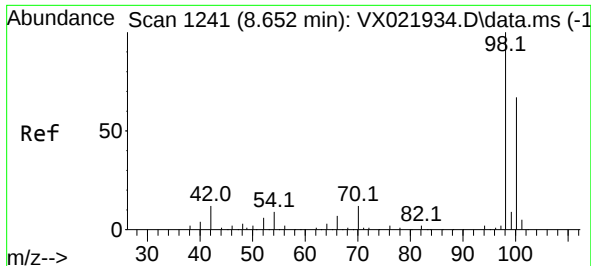
Tgt Ion:117 Resp: 87355
Ion Ratio Lower Upper
117 100
82 58.1 44.9 67.3
119 31.4 25.0 37.6



#60
4-Bromofluorobenzene
Concen: 28.72 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022255.D
Acq: 28 May 2021 15:55

Tgt Ion: 95 Resp: 41630
Ion Ratio Lower Upper
95 100
174 62.1 52.2 78.2
176 62.2 49.3 73.9

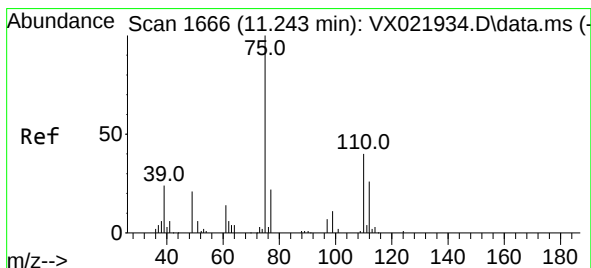
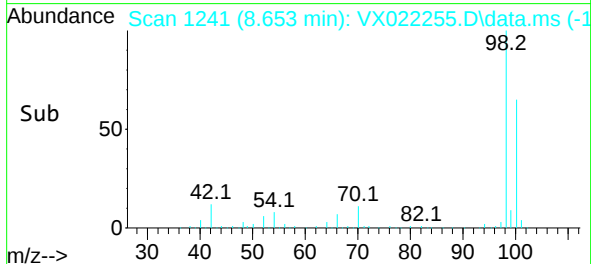
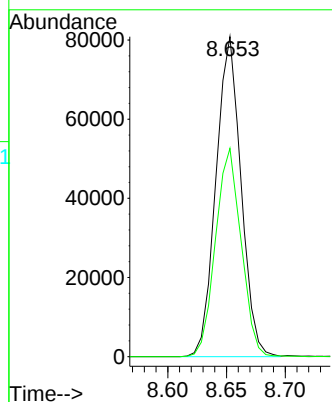
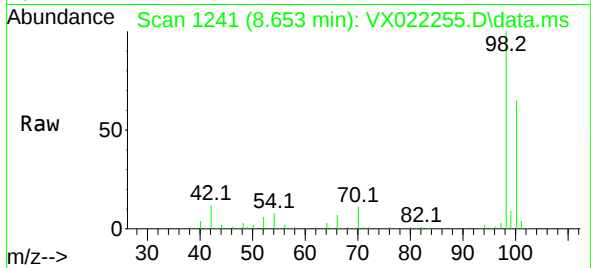




#63
Toluene-d8
Concen: 30.08 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX022255.D
Acq: 28 May 2021 15:55

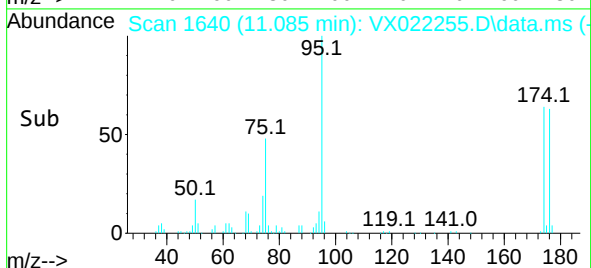
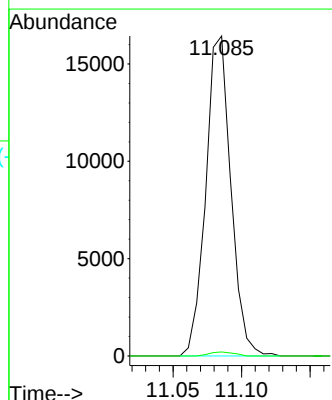
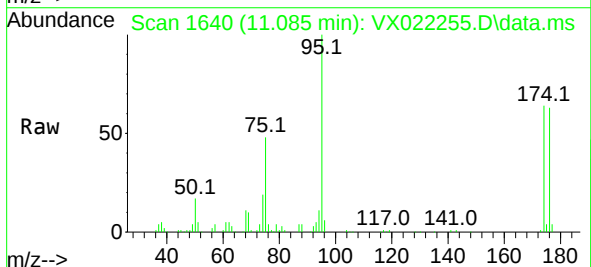
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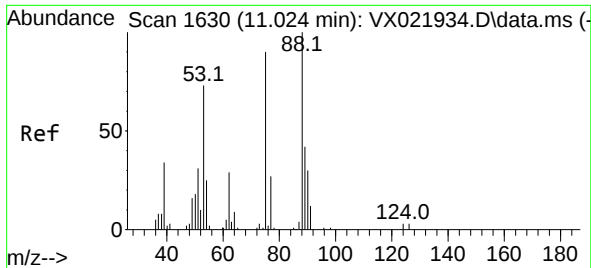
Tgt Ion: 98 Resp: 120092
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#72
1,2,3-Trichloropropane
Concen: 13.45 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX022255.D
Acq: 28 May 2021 15:55

Tgt Ion: 75 Resp: 20972
Ion Ratio Lower Upper
75 100
77 1.2 0.0 33.0





#77
t-1,4-Dichloro-2-butene
Concen: 33.19 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022255.D
Acq: 28 May 2021 15:55

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBL01

Tgt Ion: 75 Resp: 20972

Ion	Ratio	Lower	Upper
75	100		
53	0.0	40.2	120.6#
89	0.0	23.4	70.0#

