

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011422\
 Data File : VX026451.D
 Acq On : 14 Jan 2022 13:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

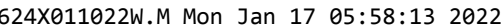
Quant Time: Jan 17 05:58:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

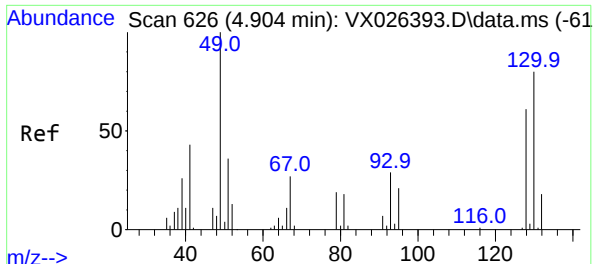
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.910	128	16663	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	95231	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81456	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	41337	30.851	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.833%
60) 4-Bromofluorobenzene	11.085	95	40107	29.503	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.333%
63) Toluene-d8	8.653	98	111777	29.871	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.567%
Target Compounds						
					Qvalue	
23) tert-Butyl Alcohol	2.971	59	99	0.521	ug/l #	100
51) Ethyl methacrylate	8.653	69	452	0.281	ug/l	96
56) Bromoform	11.085	173	330	0.454	ug/l #	1
58) 4-Methyl-2-Pentanone	8.647	43	563	0.371	ug/l #	1
72) 1,2,3-Trichloropropane	11.085	75	20480	15.753	ug/l	39
77) t-1,4-Dichloro-2-butene	11.085	75	20480	52.377	ug/l #	3

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
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QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration

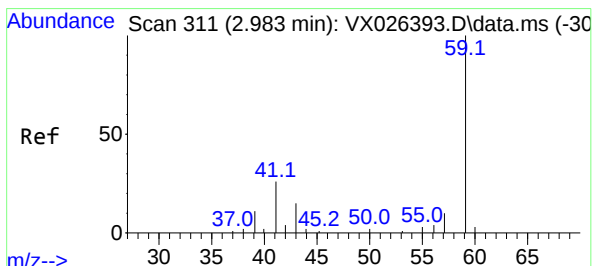
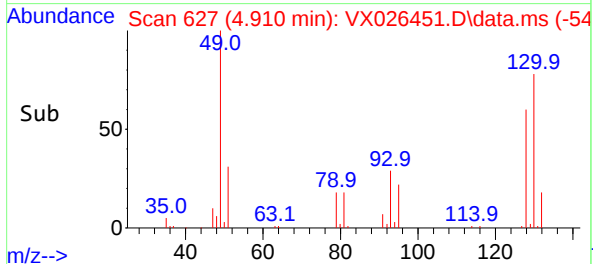
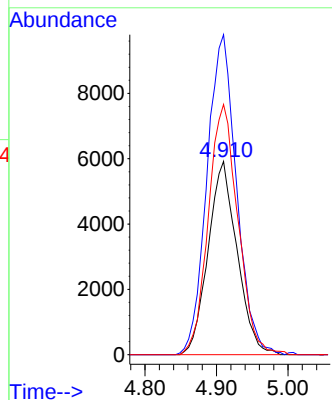
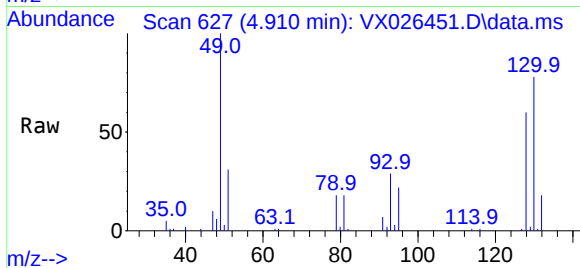




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

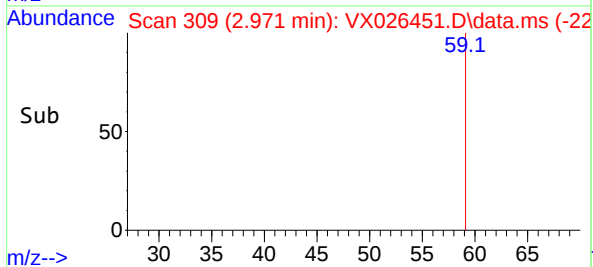
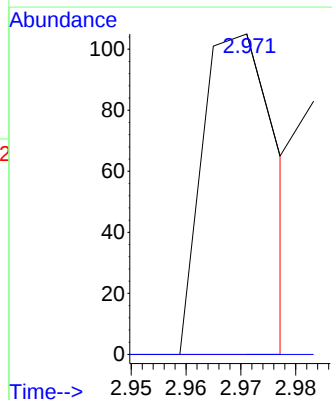
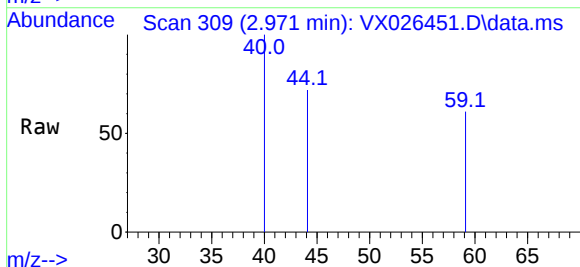
Instrument :
MSVOA_X
ClientSampleId :
IBLK

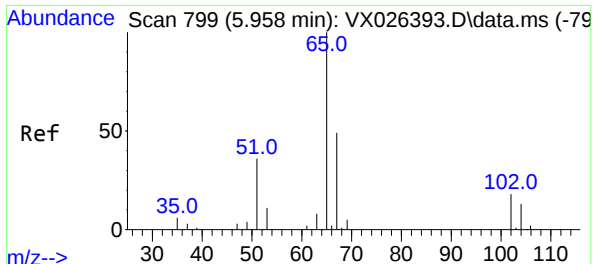
Tgt Ion:128 Resp: 16663
Ion Ratio Lower Upper
128 100
49 168.1 0.0 413.5
130 132.4 0.0 326.0



#23
tert-Butyl Alcohol
Concen: 0.521 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

Tgt Ion: 59 Resp: 99
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

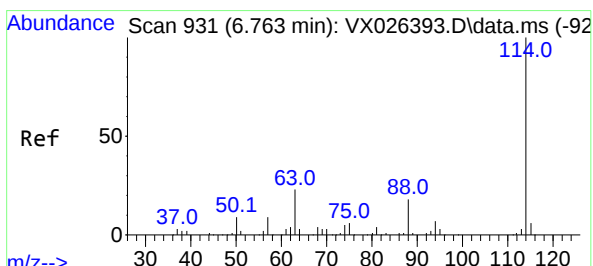
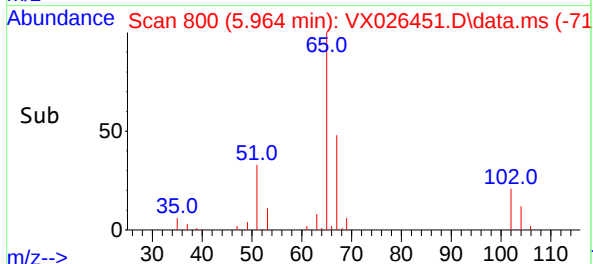
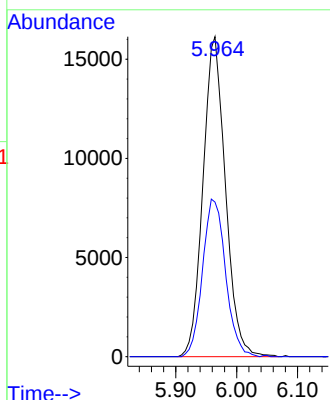
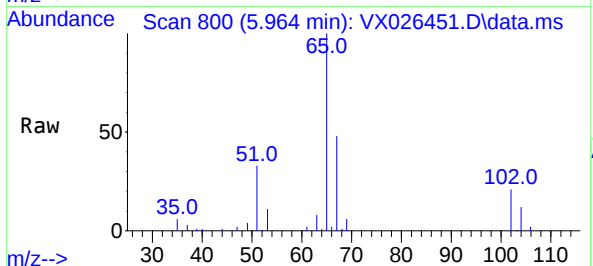




#27
1,2-Dichloroethane-d4
Concen: 30.851 ug/l
RT: 5.964 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

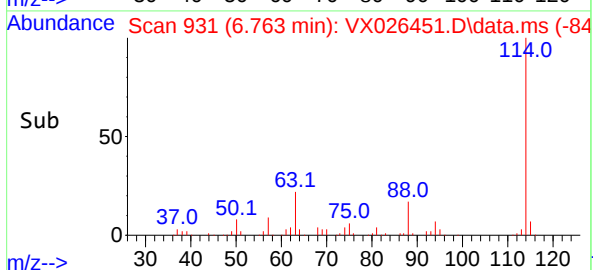
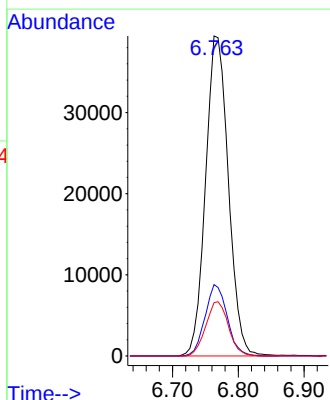
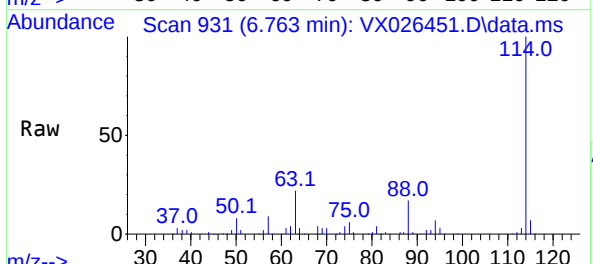
Instrument :
MSVOA_X
ClientSampleId :
IBLK

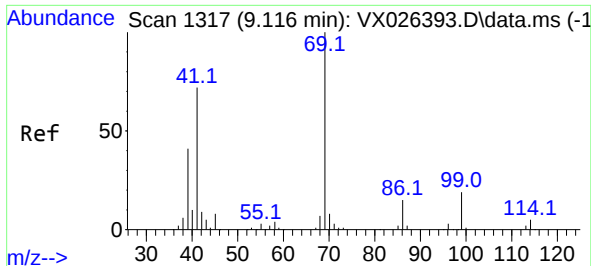
Tgt Ion: 65 Resp: 41337
Ion Ratio Lower Upper
65 100
67 50.5 39.6 59.4



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

Tgt Ion: 114 Resp: 95231
Ion Ratio Lower Upper
114 100
63 21.6 17.4 26.2
88 16.8 13.5 20.3

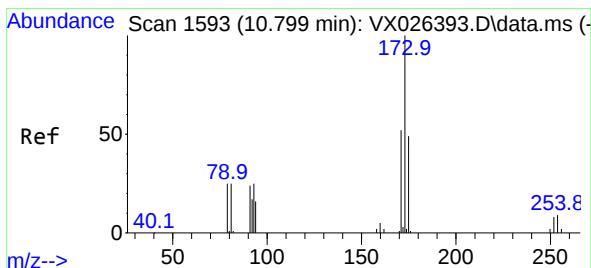
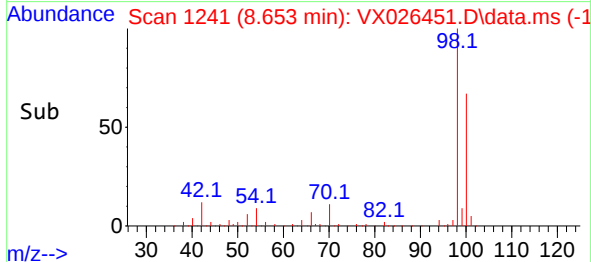
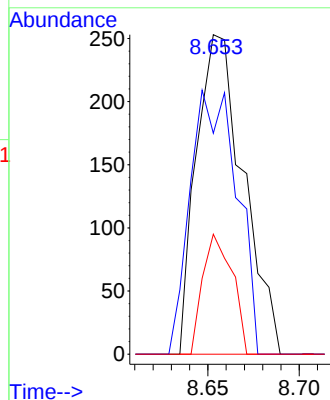
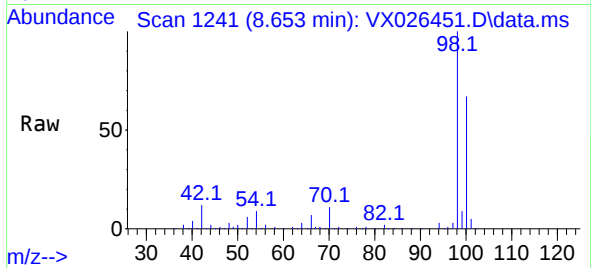




#51
Ethyl methacrylate
Concen: 0.281 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.463 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

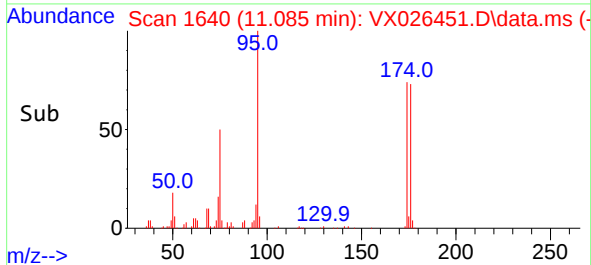
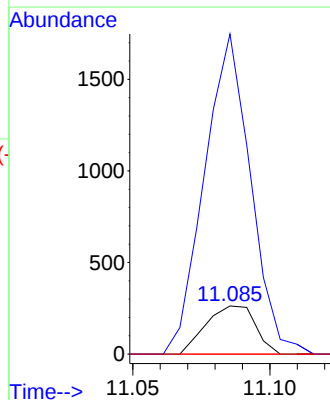
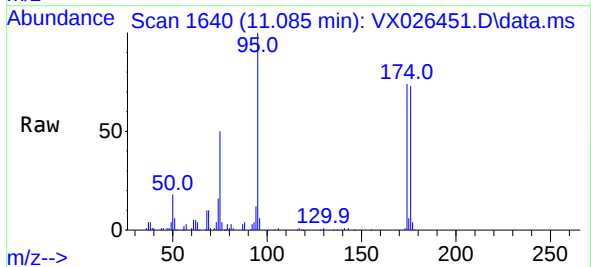
Instrument :
MSVOA_X
ClientSampleId :
IBLK

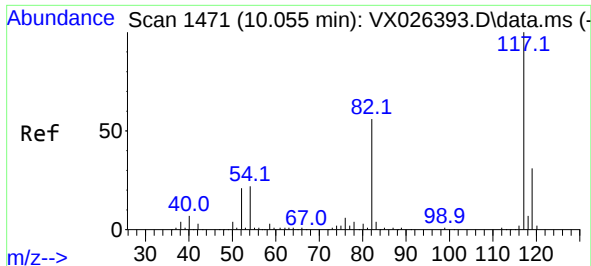
Tgt Ion: 69 Resp: 452
Ion Ratio Lower Upper
69 100
41 69.2 35.9 107.7
39 37.5 20.3 61.0



#56
Bromoform
Concen: 0.454 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.287 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

Tgt Ion: 173 Resp: 330
Ion Ratio Lower Upper
173 100
175 621.5 38.0 57.0#
254 0.0 6.6 10.0#

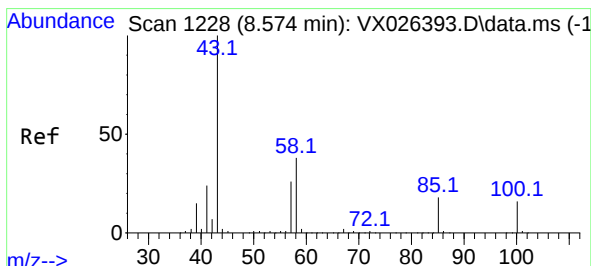
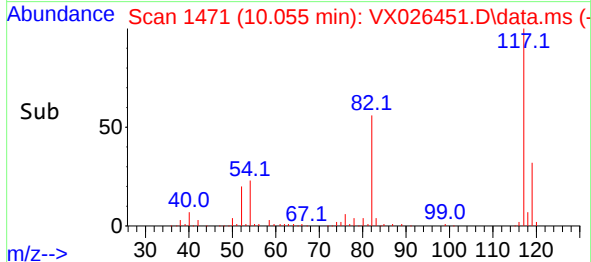
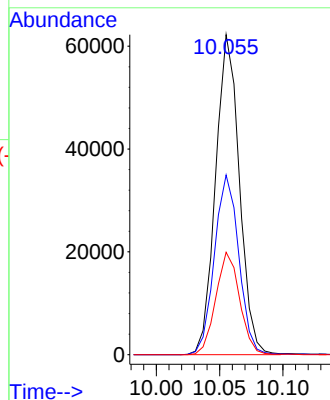
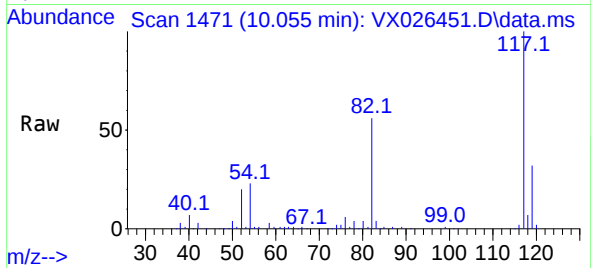




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

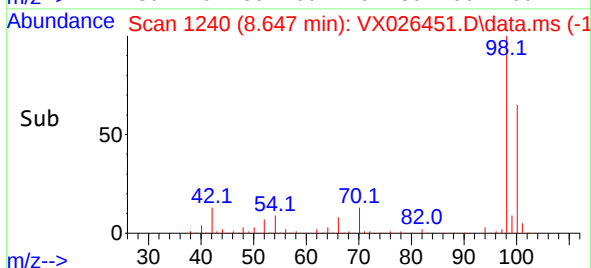
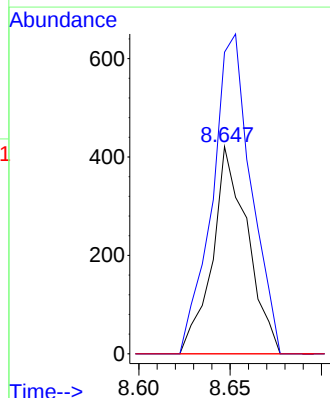
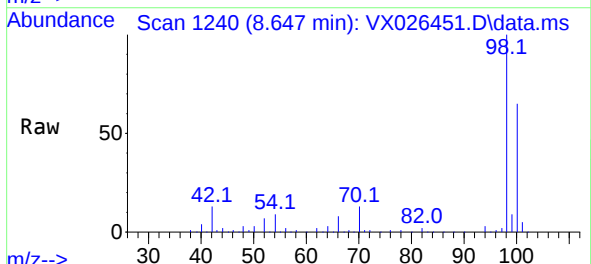
Instrument :
MSVOA_X
ClientSampleId :
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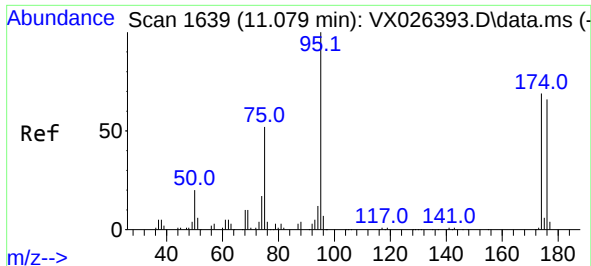
Tgt Ion:117 Resp: 81456
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 32.1 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 0.371 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 171.4 30.2 45.4#
85 0.0 14.1 21.1#

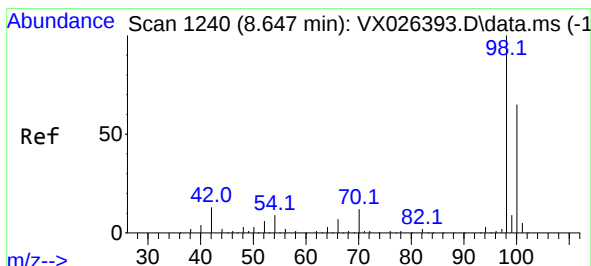
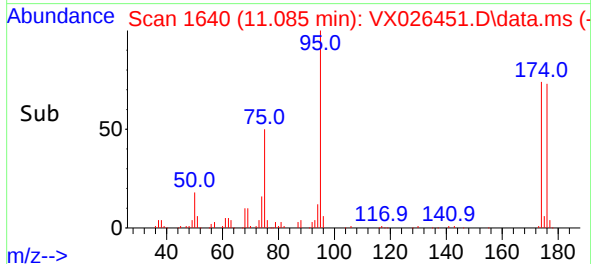
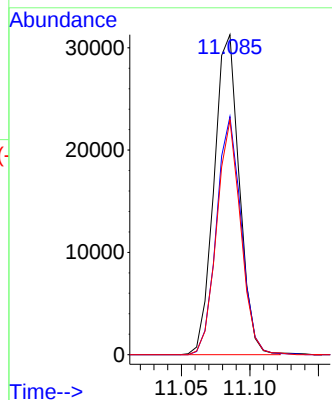
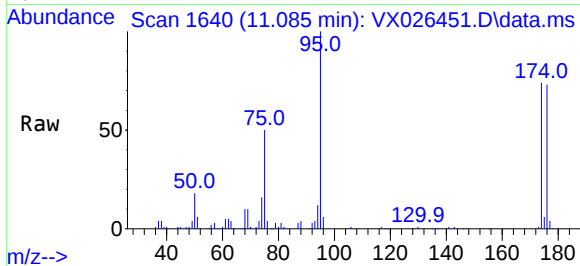




#60
4-Bromofluorobenzene
Concen: 29.503 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

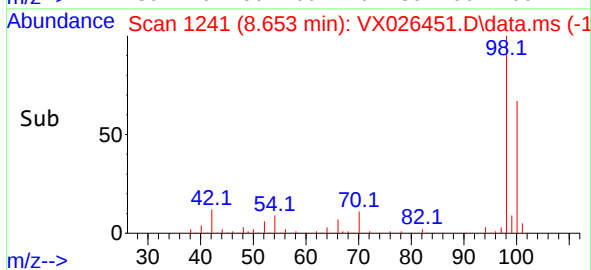
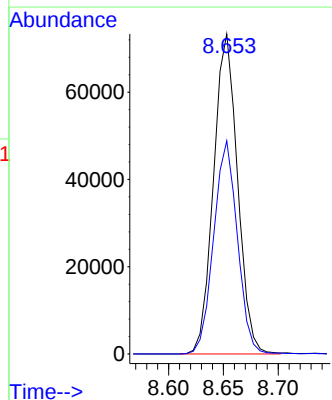
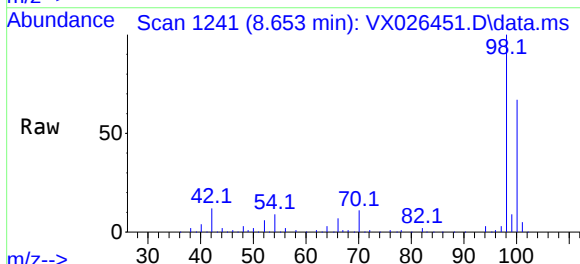
Instrument :
MSVOA_X
ClientSampleId :
IBLK

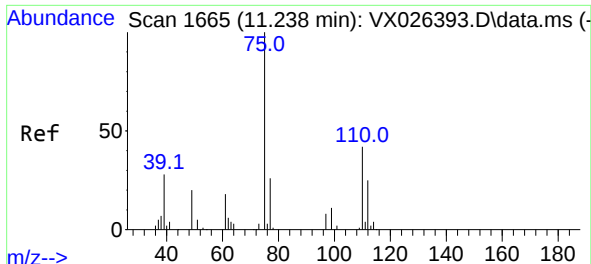
Tgt Ion: 95 Resp: 40107
Ion Ratio Lower Upper
95 100
174 72.6 58.0 87.0
176 69.8 56.5 84.7



#63
Toluene-d8
Concen: 29.871 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

Tgt Ion: 98 Resp: 111777
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

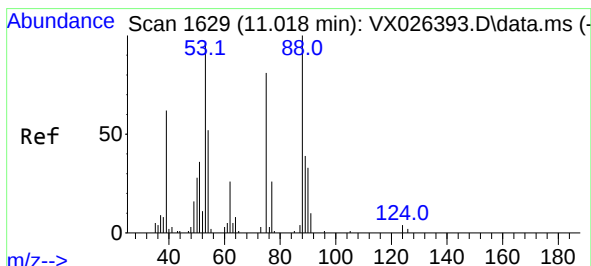
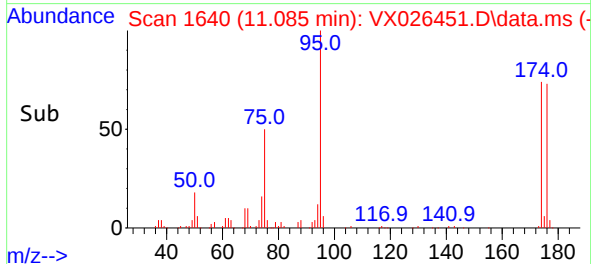
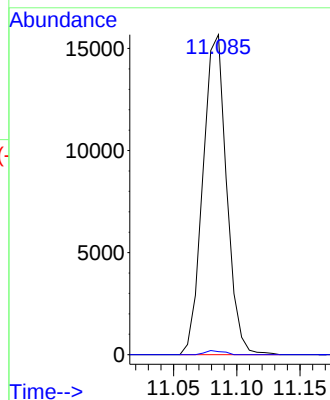
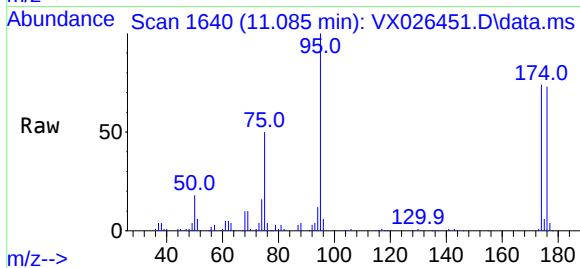




#72
1,2,3-Trichloropropane
Concen: 15.753 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

Instrument :
MSVOA_X
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Tgt Ion: 75 Resp: 20480
Ion Ratio Lower Upper
75 100
77 1.0 0.0 76.2



#77
t-1,4-Dichloro-2-butene
Concen: 52.377 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

Tgt Ion: 75 Resp: 20480
Ion Ratio Lower Upper
75 100
53 0.0 59.0 176.8#
89 0.0 24.0 72.0#

