

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033373.D
 Acq On : 12 Dec 2022 14:41
 Operator : JC/MD
 Sample : N6005-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Dec 13 07:31:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

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

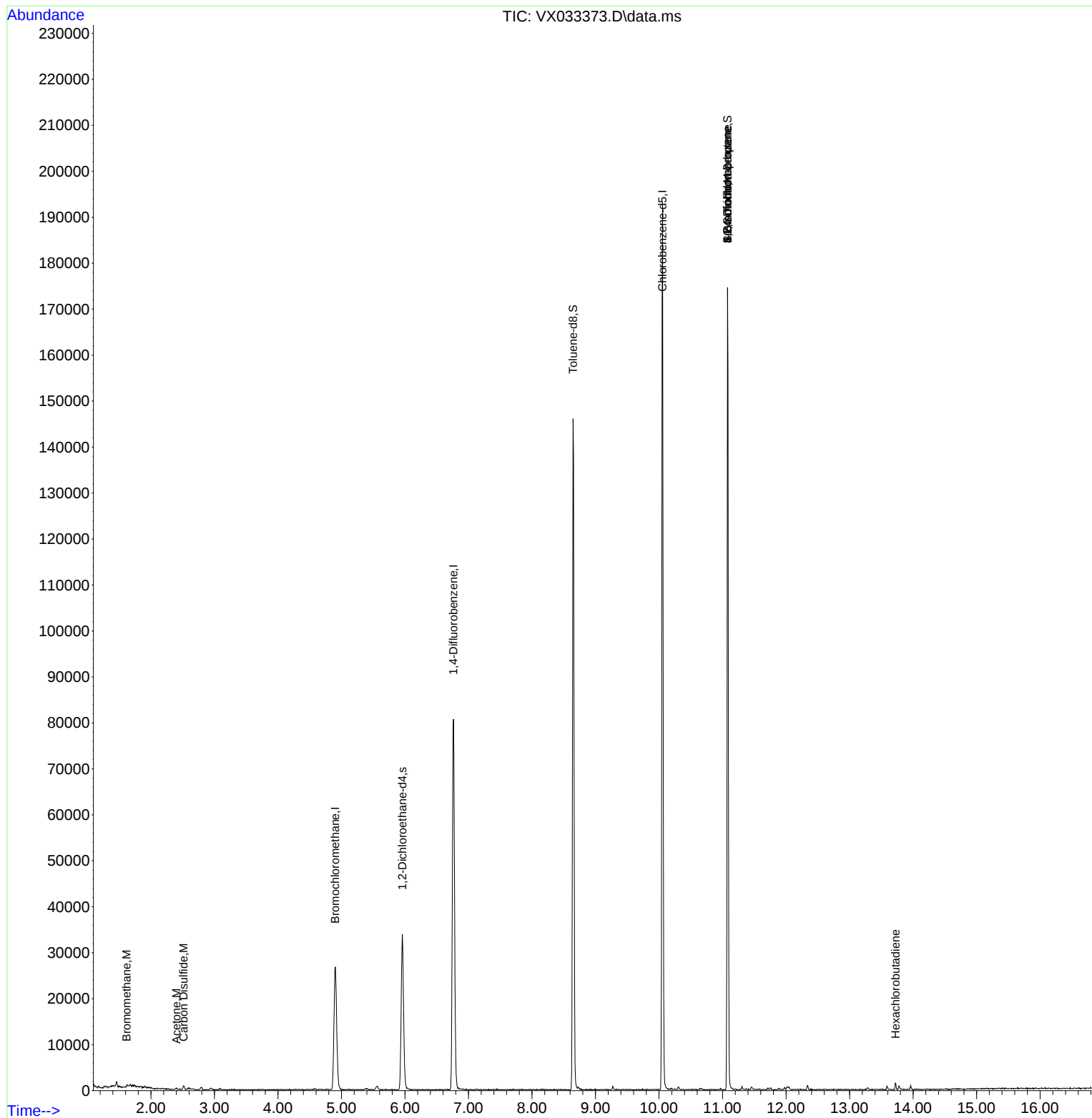
Internal Standards						
1) Bromochloromethane	4.897	128	11971	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	86321	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	88844	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	34140	32.472	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.233%
60) 4-Bromofluorobenzene	11.079	95	45914	27.903	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.000%
63) Toluene-d8	8.647	98	89155	30.167	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.567%
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	229	0.296	ug/l #	75
15) Acetone	2.398	58	80	0.440	ug/l #	1
16) Carbon Disulfide	2.514	76	1034	0.372	ug/l	100
56) Bromoform	11.079	173	347	0.303	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	24190	14.956	ug/l	40
77) t-1,4-Dichloro-2-butene	11.079	75	24190	44.981	ug/l #	9
90) Hexachlorobutadiene	13.725	225	341	0.472	ug/l	77

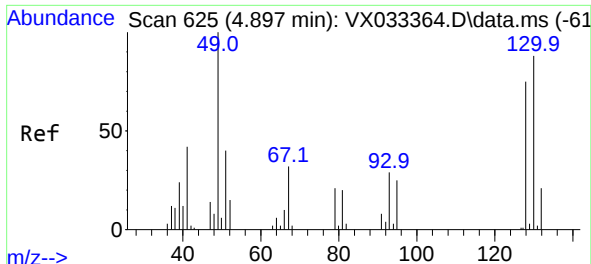
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
TB

Quant Time: Dec 13 07:31:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 12 12:37:35 2022
Response via : Initial Calibration

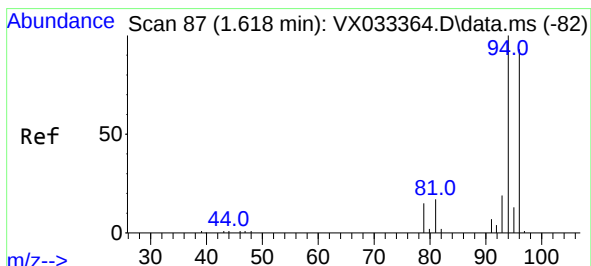
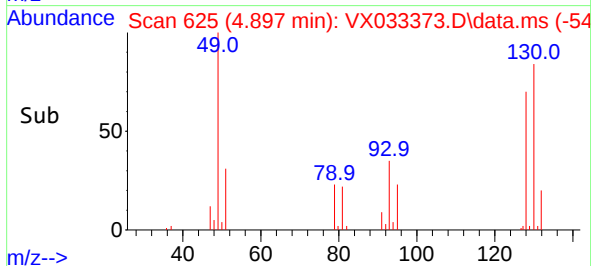
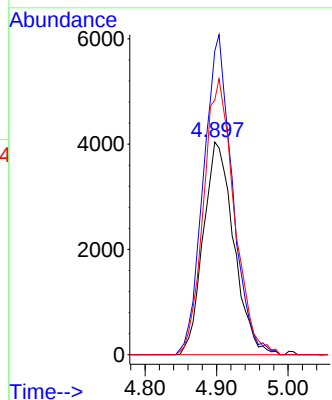
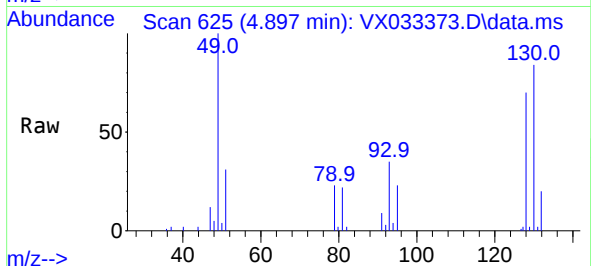




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

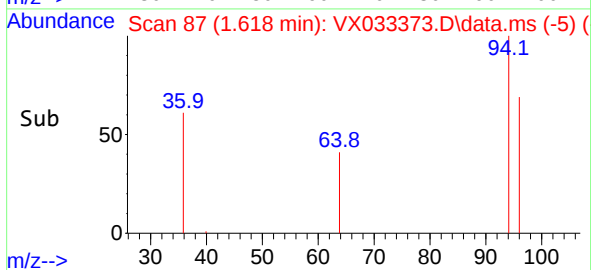
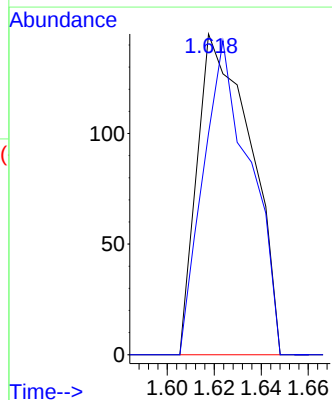
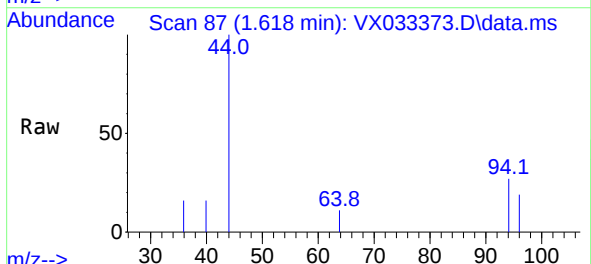
Instrument :
MSVOA_X
ClientSampleId :
TB

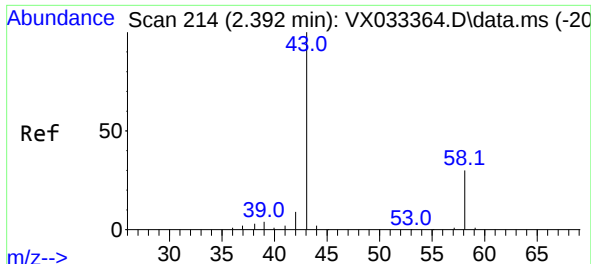
Tgt Ion:128 Resp: 11971
Ion Ratio Lower Upper
128 100
49 142.6 0.0 339.5
130 130.7 0.0 318.0



#5
Bromomethane
Concen: 0.296 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 69.0 74.2 111.2#

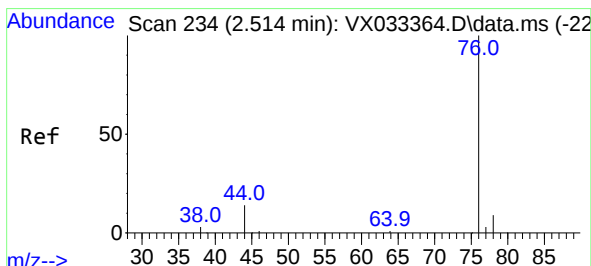
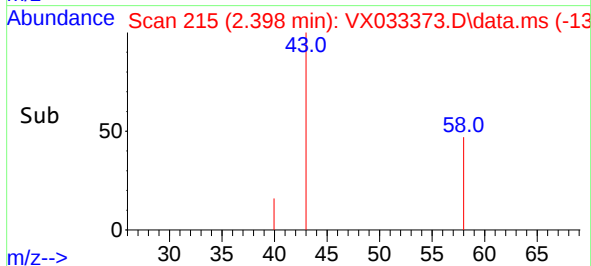
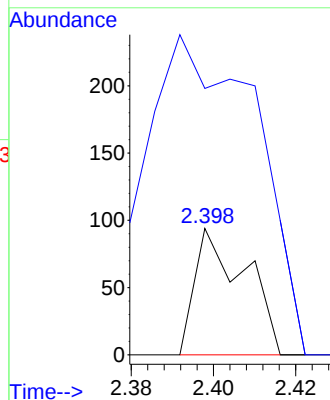
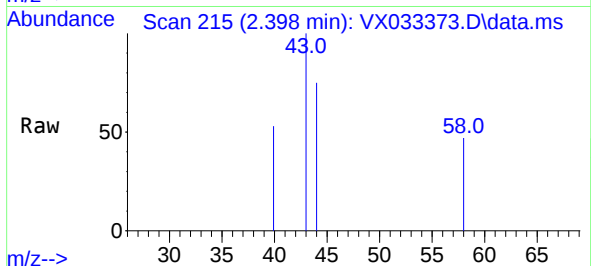




#15
Acetone
Concen: 0.440 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

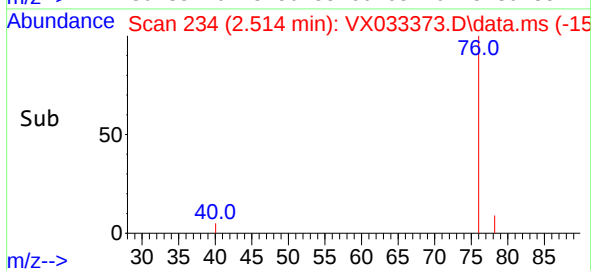
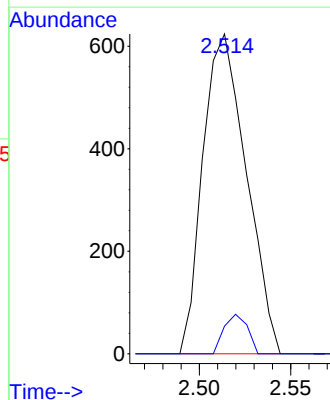
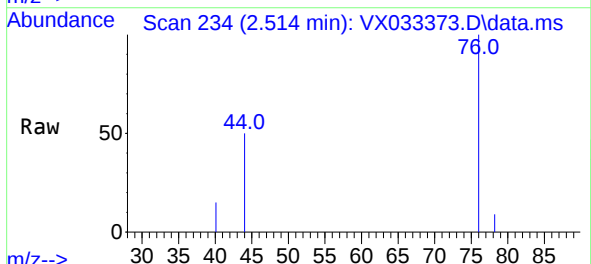
Instrument :
MSVOA_X
ClientSampleId :
TB

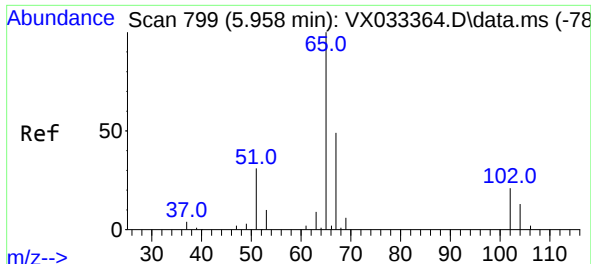
Tgt Ion: 58 Resp: 80
Ion Ratio Lower Upper
58 100
43 104.3 262.9 394.3#



#16
Carbon Disulfide
Concen: 0.372 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

Tgt Ion: 76 Resp: 1034
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

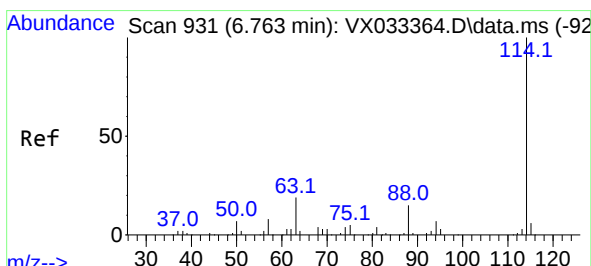
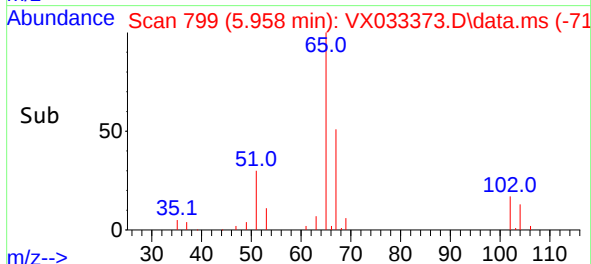
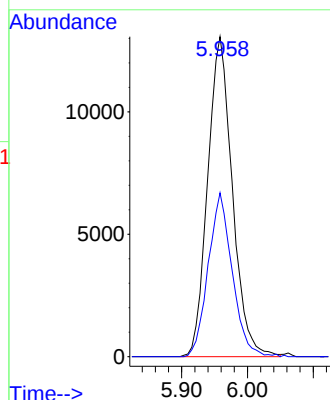
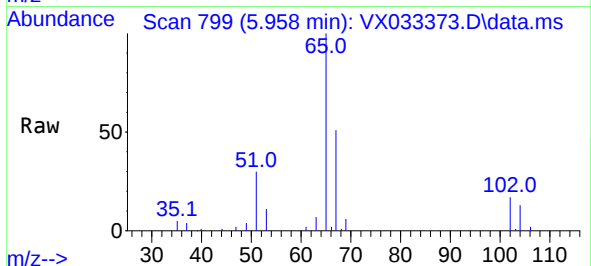




#27
1,2-Dichloroethane-d4
Concen: 32.472 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

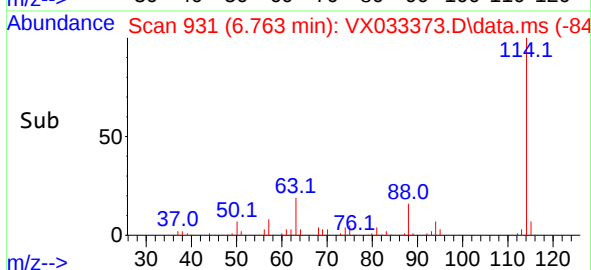
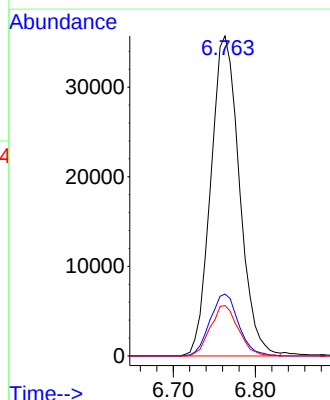
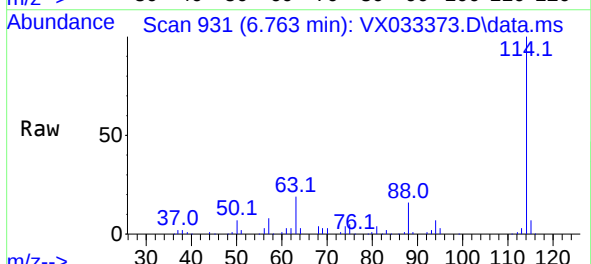
Instrument :
MSVOA_X
ClientSampleId :
TB

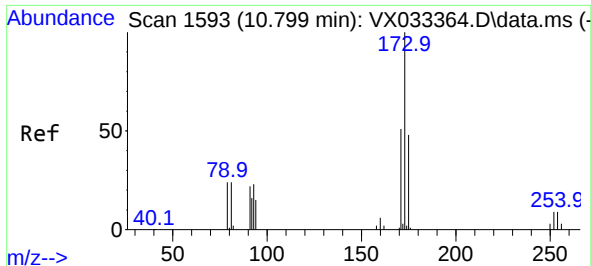
Tgt Ion: 65 Resp: 34140
Ion Ratio Lower Upper
65 100
67 49.7 39.8 59.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

Tgt Ion: 114 Resp: 86321
Ion Ratio Lower Upper
114 100
63 19.4 15.2 22.8
88 15.4 12.2 18.4

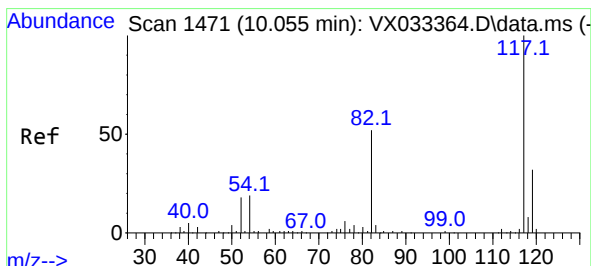
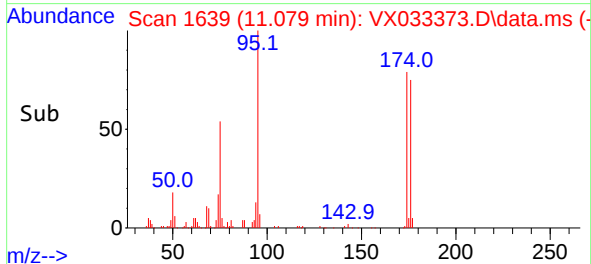
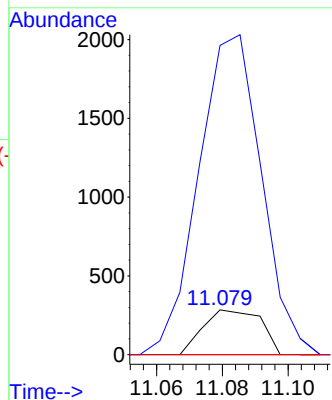
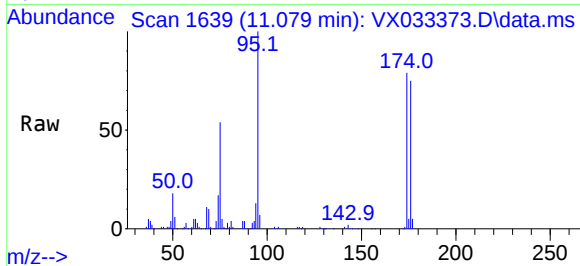




#56
Bromoform
Concen: 0.303 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.280 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

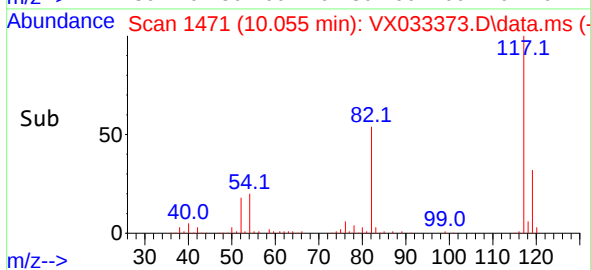
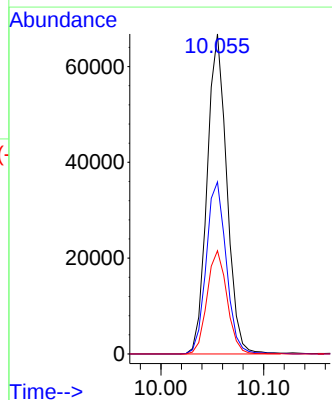
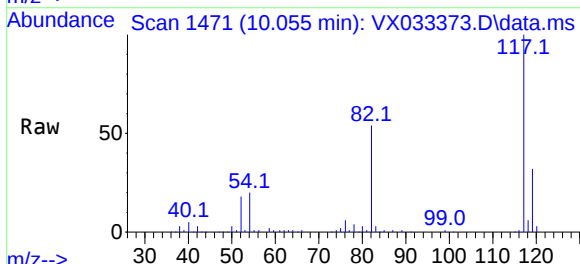
Instrument :
MSVOA_X
ClientSampleId :
TB

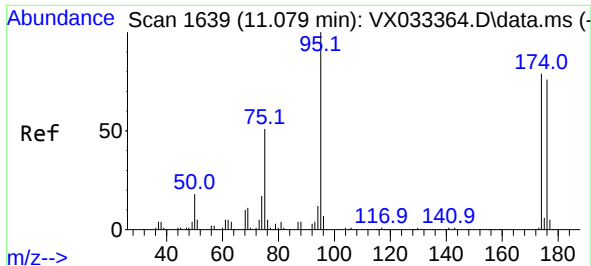
Tgt Ion:173 Resp: 347
Ion Ratio Lower Upper
173 100
175 778.7 39.6 59.4#
254 0.0 7.1 10.7#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

Tgt Ion:117 Resp: 88844
Ion Ratio Lower Upper
117 100
82 55.0 43.7 65.5
119 32.8 25.6 38.4

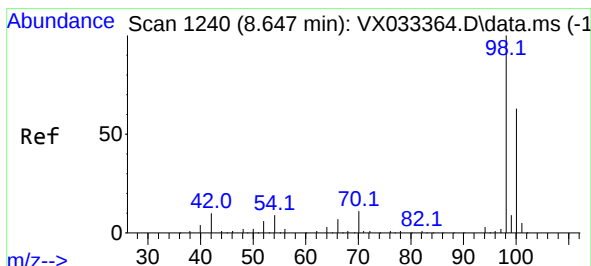
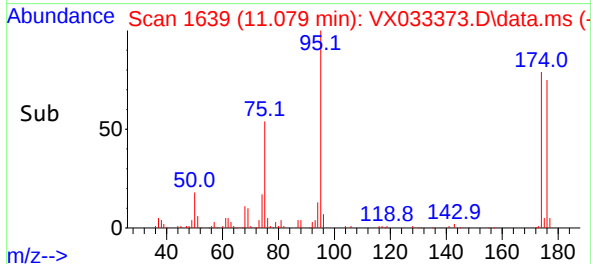
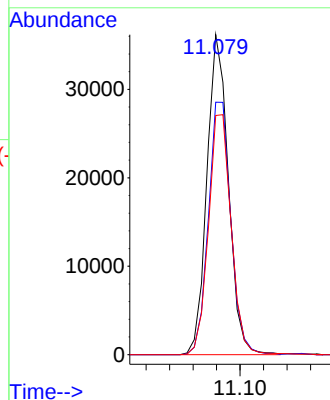
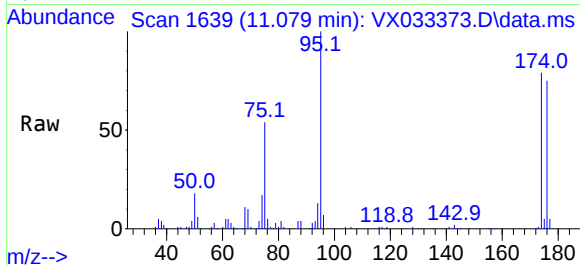




#60
4-Bromofluorobenzene
Concen: 27.903 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

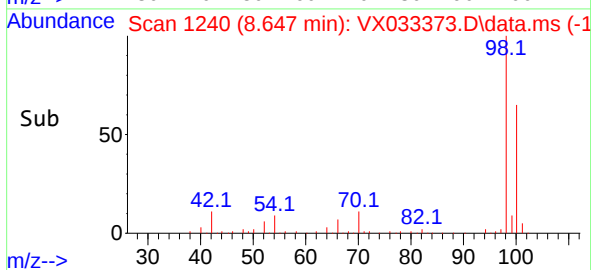
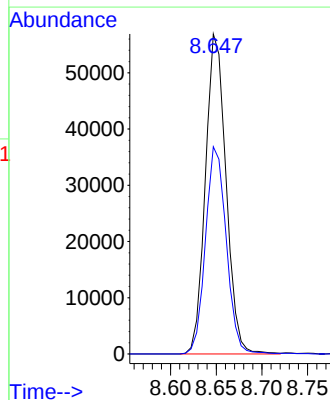
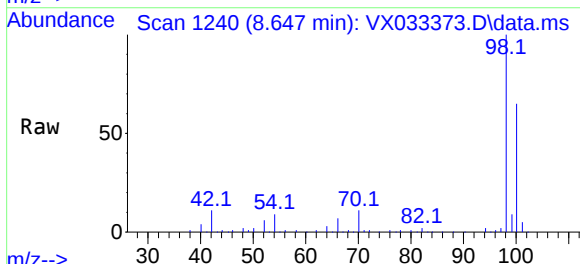
Instrument :
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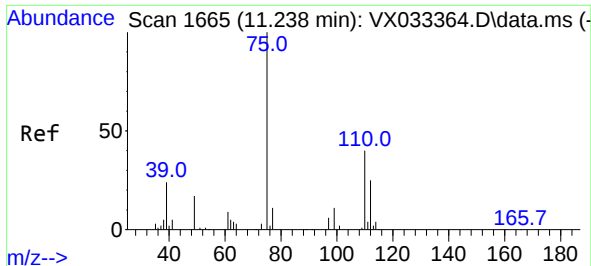
Tgt Ion: 95 Resp: 45914
Ion Ratio Lower Upper
95 100
174 82.7 65.9 98.9
176 79.5 63.3 94.9



#63
Toluene-d8
Concen: 30.167 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

Tgt Ion: 98 Resp: 89155
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2

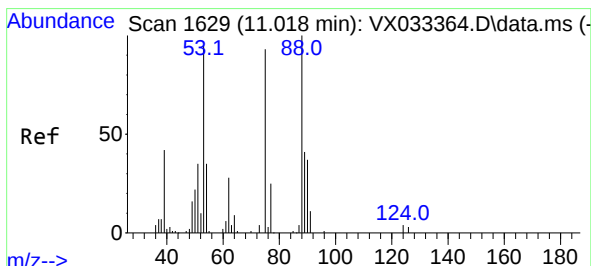
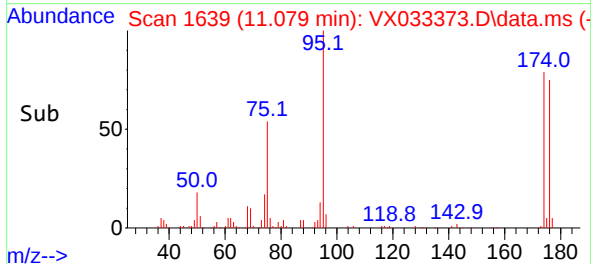
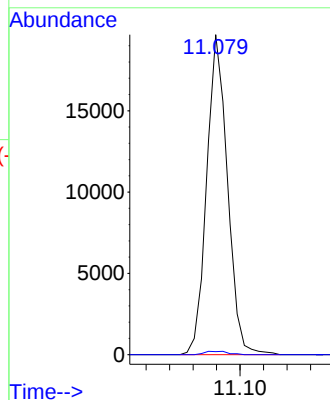
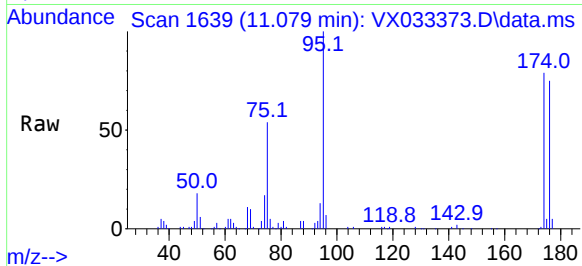




#72
1,2,3-Trichloropropane
Concen: 14.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

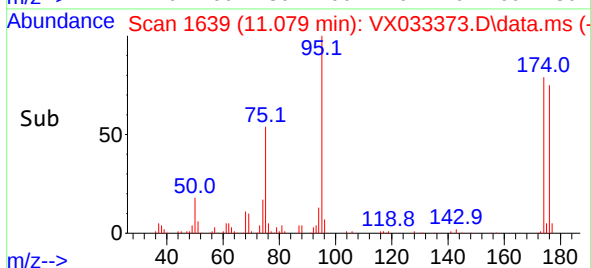
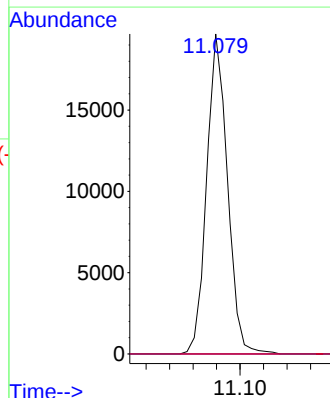
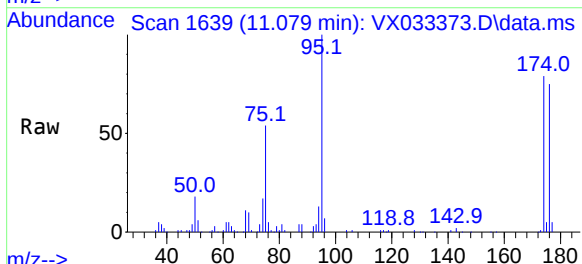
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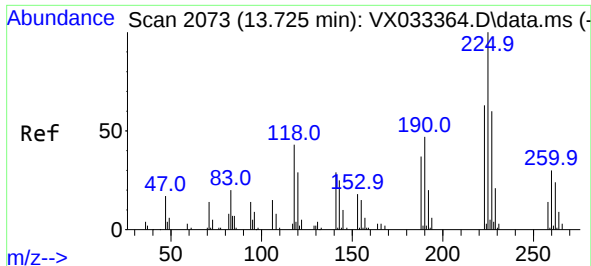
Tgt Ion: 75 Resp: 24190
Ion Ratio Lower Upper
75 100
77 1.2 0.0 74.4



#77
t-1,4-Dichloro-2-butene
Concen: 44.981 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

Tgt Ion: 75 Resp: 24190
Ion Ratio Lower Upper
75 100
53 0.0 51.4 154.3#
89 0.0 22.2 66.6#





#90

Hexachlorobutadiene

Concen: 0.472 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX033373.D

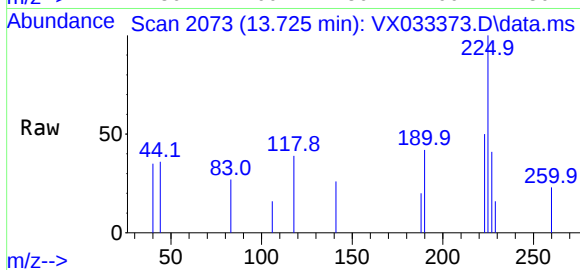
Acq: 12 Dec 2022 14:41

Instrument :

MSVOA_X

ClientSampleId :

TB



Tgt Ion:	225	Resp:	341
Ion	Ratio	Lower	Upper
225	100		
223	49.9	0.0	125.6
227	85.9	0.0	125.4

