

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042252.D
 Acq On : 09 Jul 2024 17:13
 Operator : JC/MD
 Sample : P3150-01DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 17:43:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

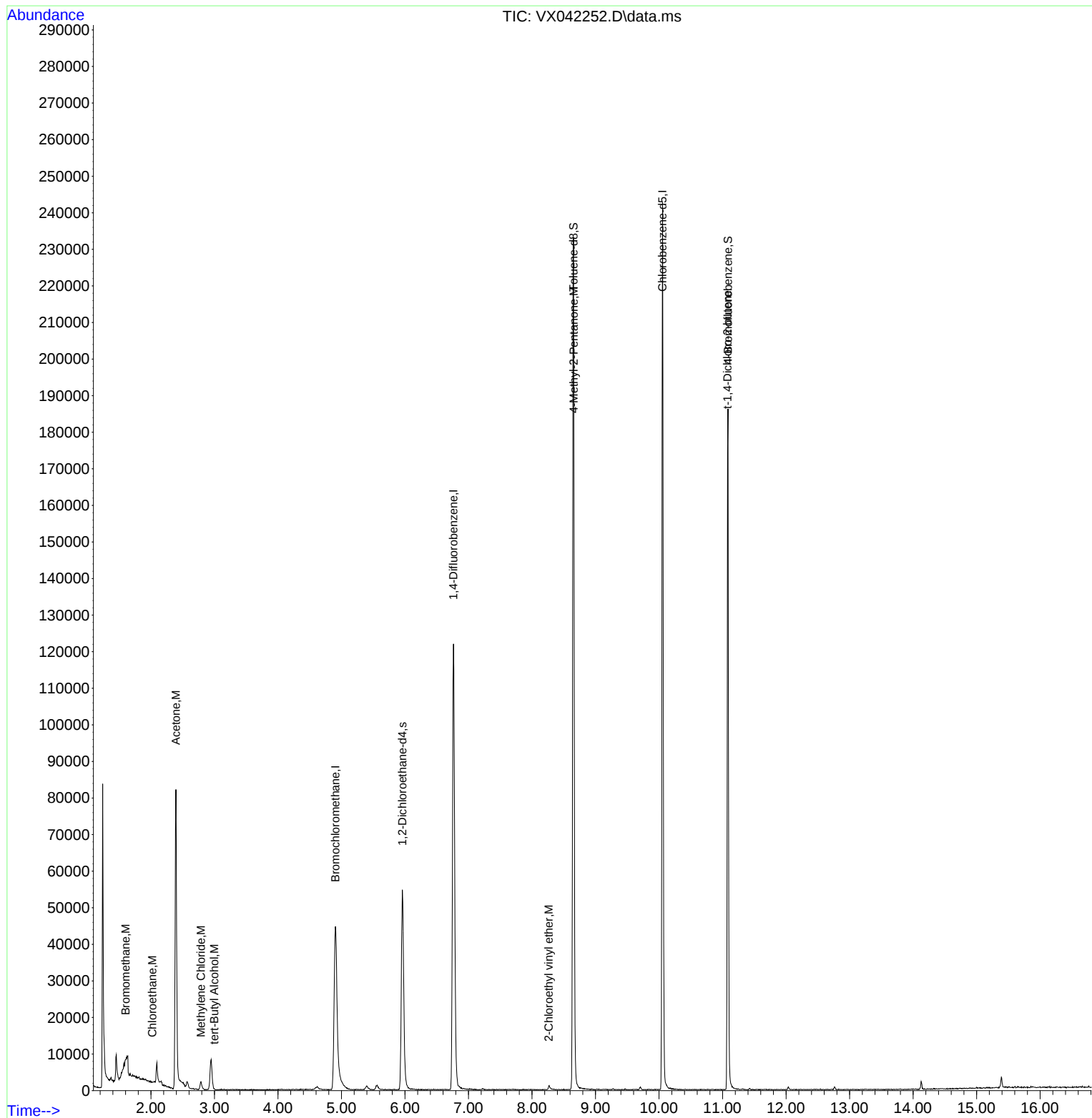
Internal Standards						
1) Bromochloromethane	4.903	128	24680	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	135402	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	121286	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	51323	30.209	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.700%
60) 4-Bromofluorobenzene	11.085	95	49867	26.562	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.533%
63) Toluene-d8	8.653	98	151552	29.206	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.367%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	221	0.237	ug/l #	67
6) Chloroethane	2.020	64	172	0.231	ug/l	97
15) Acetone	2.392	58	29985	114.842	ug/l	93
18) Methylene Chloride	2.788	84	1286	0.743	ug/l #	81
23) tert-Butyl Alcohol	2.995	59	71	0.209	ug/l #	100
55) 2-Chloroethyl vinyl ether	8.263	63	598	0.536	ug/l #	85
58) 4-Methyl-2-Pentanone	8.659	43	504	0.232	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	22742	32.414	ug/l #	7

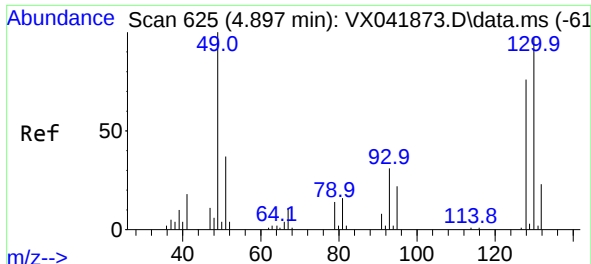
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
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Sample : P3150-01DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

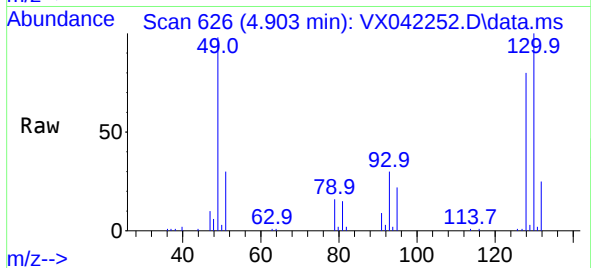
Quant Time: Jul 09 17:43:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration



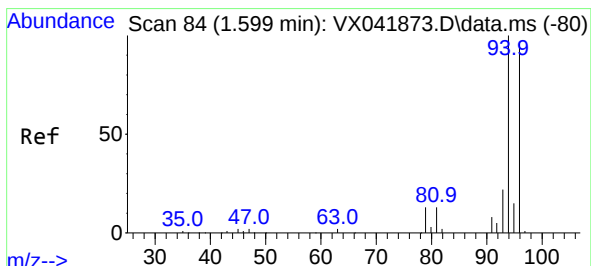
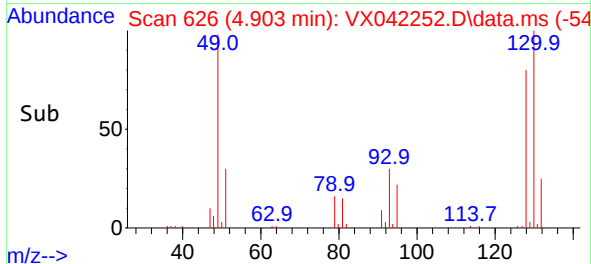
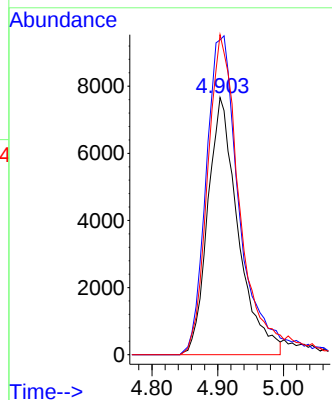


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

Instrument :
MSVOA_X
ClientSampleId :

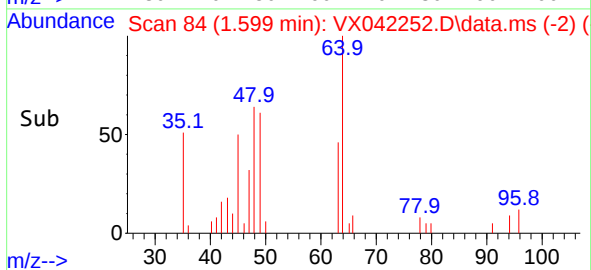
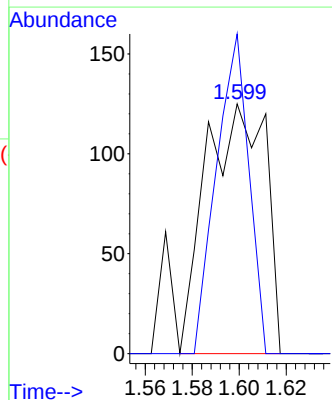
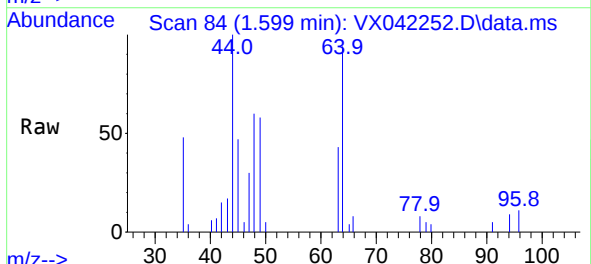


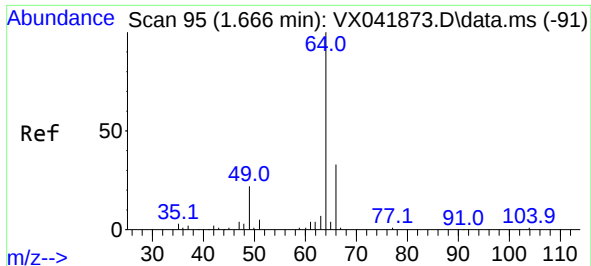
Tgt Ion:128 Resp: 24680
Ion Ratio Lower Upper
128 100
49 131.5 0.0 338.5
130 129.6 0.0 324.5



#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 128.0 76.6 115.0#

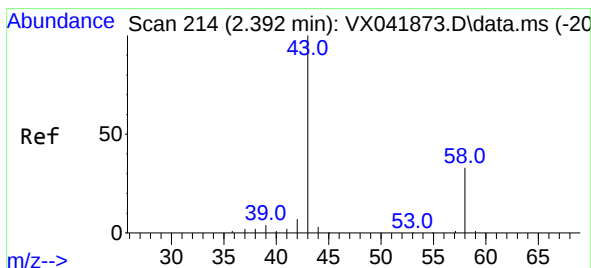
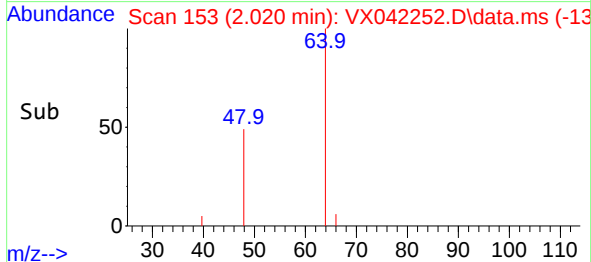
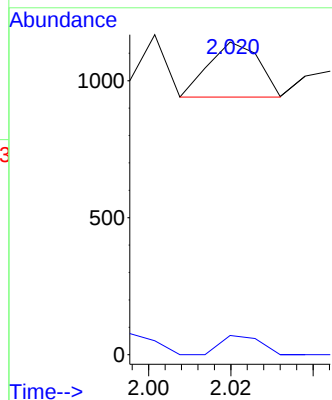
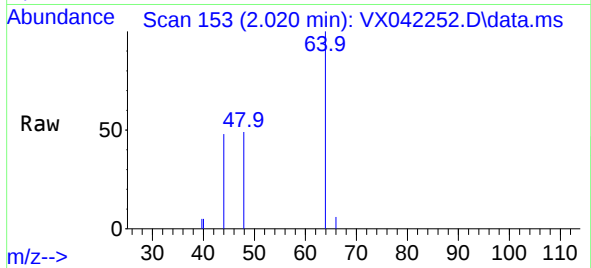




#6
Chloroethane
Concen: 0.231 ug/l
RT: 2.020 min Scan# 11
Delta R.T. 0.353 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

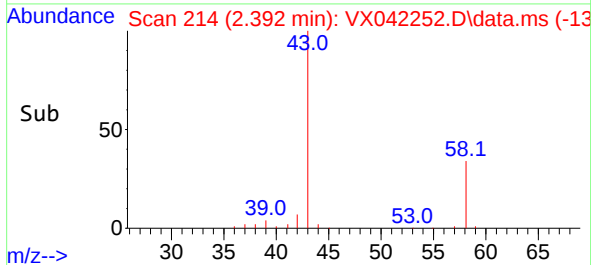
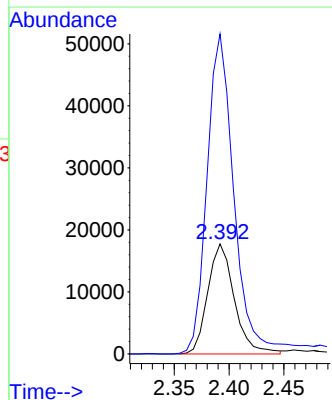
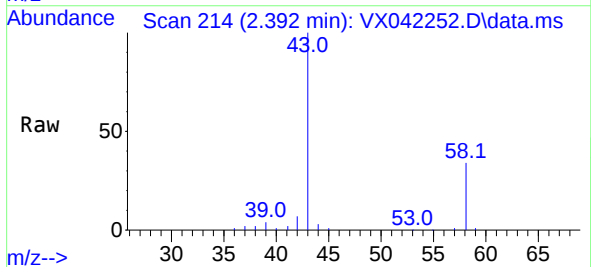
Instrument :
MSVOA_X
ClientSampleId :

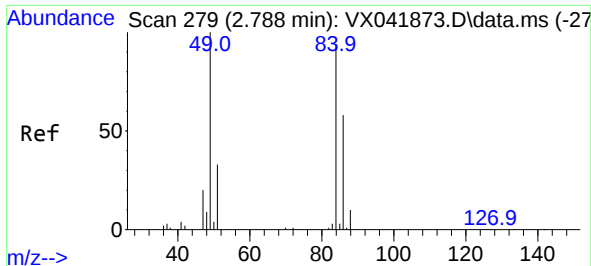
Tgt Ion: 64 Resp: 172
Ion Ratio Lower Upper
64 100
66 34.8 26.4 39.6



#15
Acetone
Concen: 114.842 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

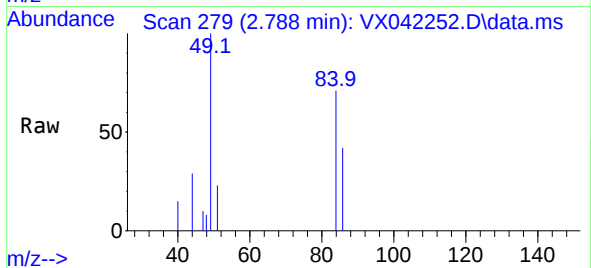
Tgt Ion: 58 Resp: 29985
Ion Ratio Lower Upper
58 100
43 290.1 243.4 365.2





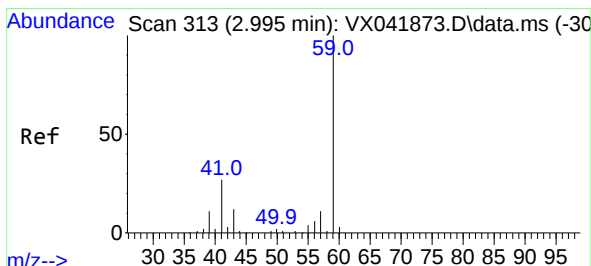
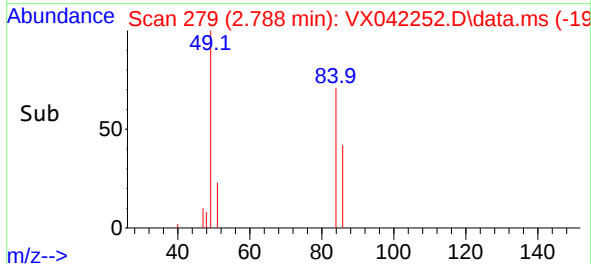
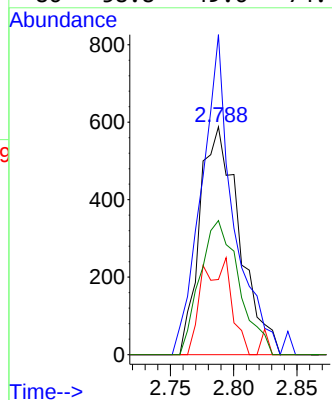
#18
Methylene Chloride
Concen: 0.743 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1286

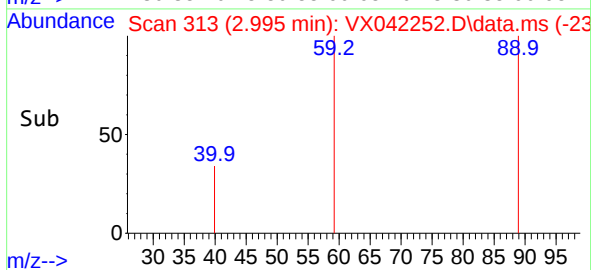
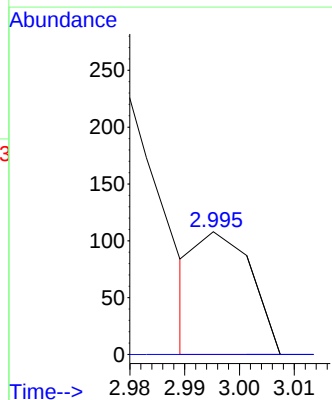
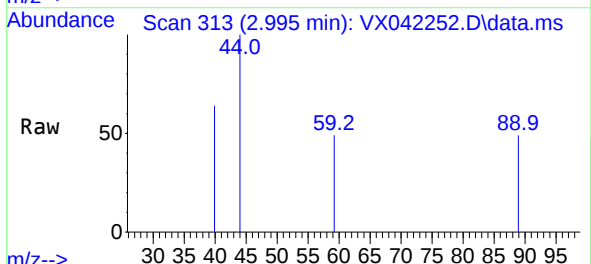
Ion	Ratio	Lower	Upper
84	100		
49	140.5	85.3	127.9#
51	33.0	28.5	42.7
86	58.8	49.6	74.4

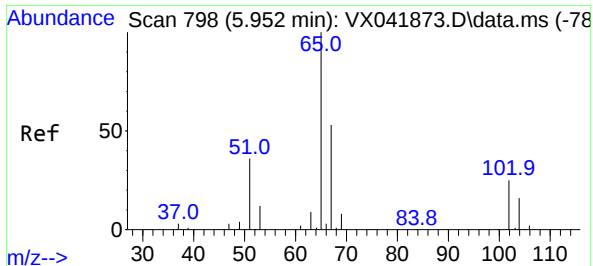


#23
tert-Butyl Alcohol
Concen: 0.209 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

Tgt Ion: 59 Resp: 71

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

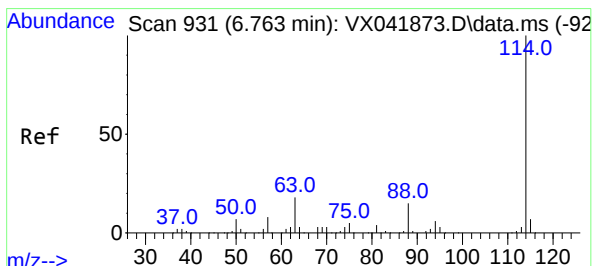
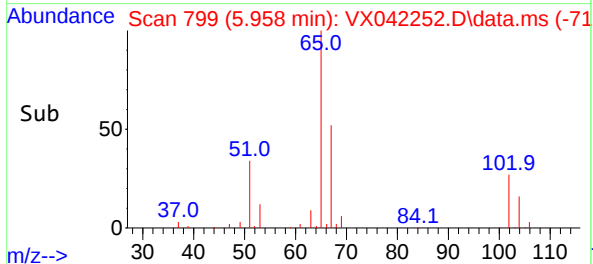
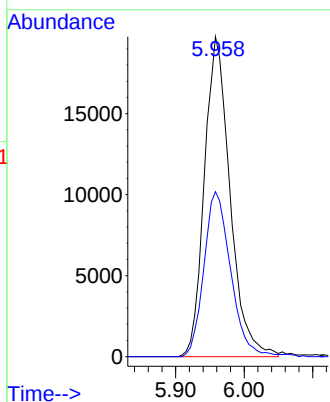
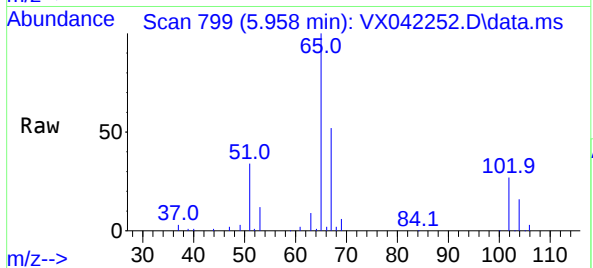




#27
1,2-Dichloroethane-d4
Concen: 30.209 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

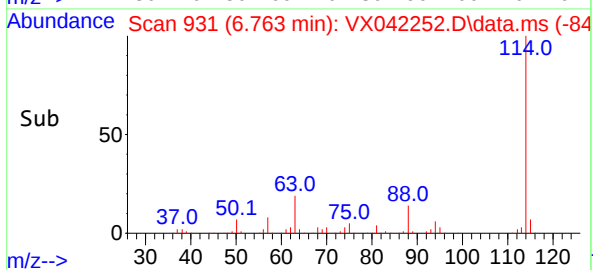
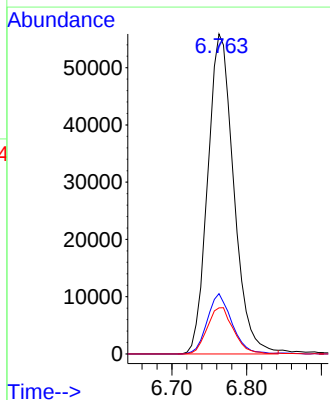
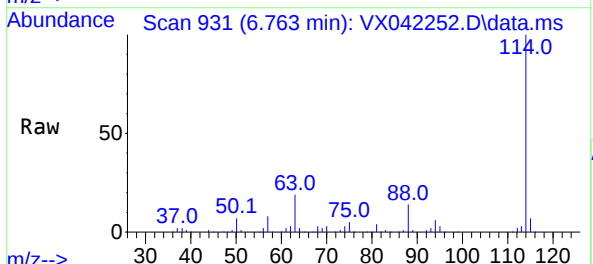
Instrument :
MSVOA_X
ClientSampleId :

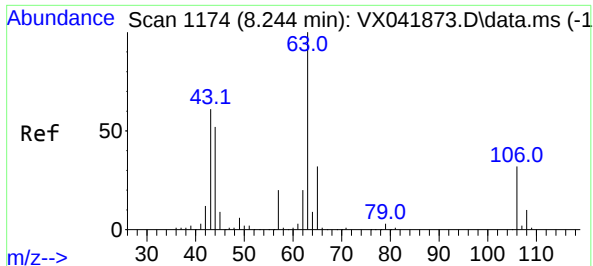
Tgt Ion: 65 Resp: 51323
Ion Ratio Lower Upper
65 100
67 53.1 43.4 65.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

Tgt Ion: 114 Resp: 135402
Ion Ratio Lower Upper
114 100
63 17.9 14.6 21.8
88 14.6 11.8 17.8

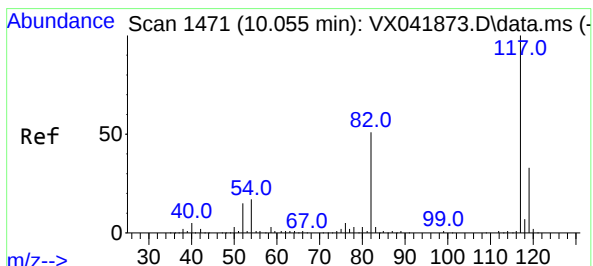
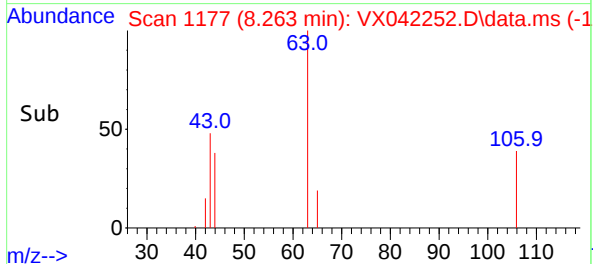
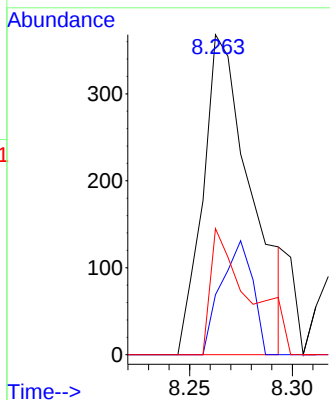
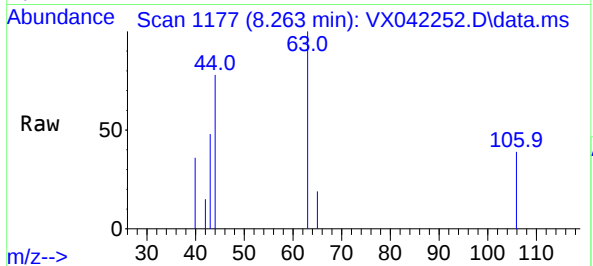




#55
2-Chloroethyl vinyl ether
Concen: 0.536 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.018 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

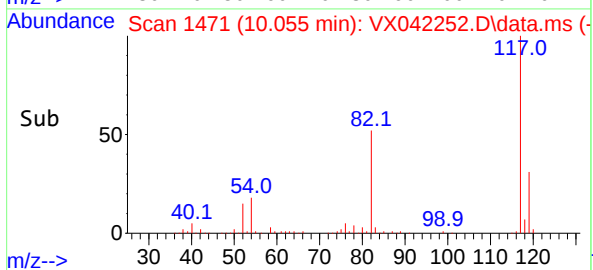
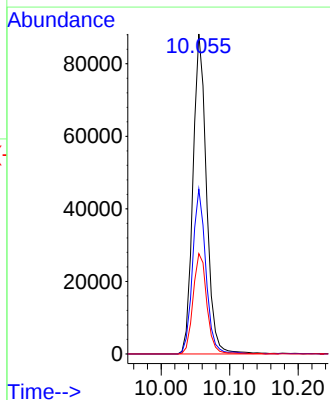
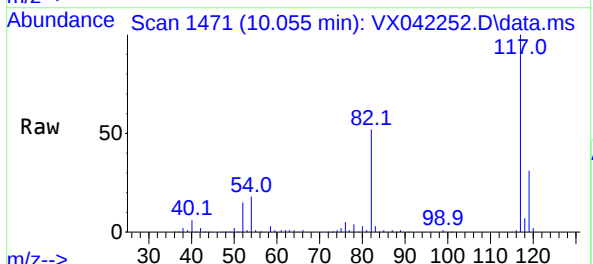
Instrument :
MSVOA_X
ClientSampleId :

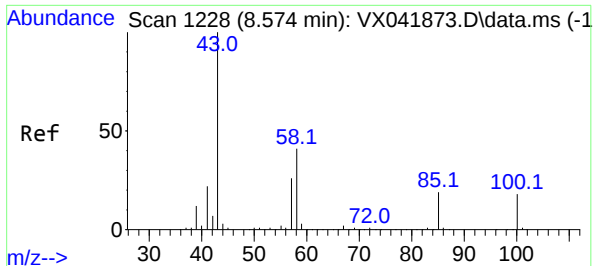
Tgt Ion:	63	Resp:	598
Ion	Ratio	Lower	Upper
63	100		
65	23.4	25.7	38.5#
106	23.7	25.3	37.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

Tgt Ion:	117	Resp:	121286
Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.1	61.7
119	31.6	26.1	39.1





#58

4-Methyl-2-Pentanone

Concen: 0.232 ug/l

RT: 8.659 min Scan# 11

Delta R.T. 0.085 min

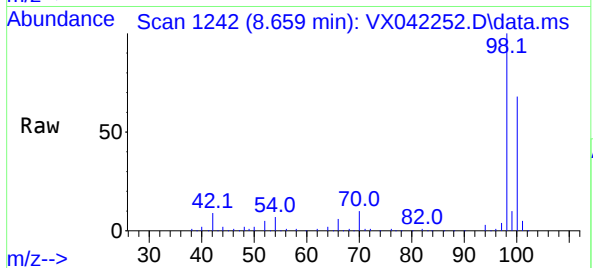
Lab File: VX042252.D

Acq: 09 Jul 2024 17:13

Instrument :

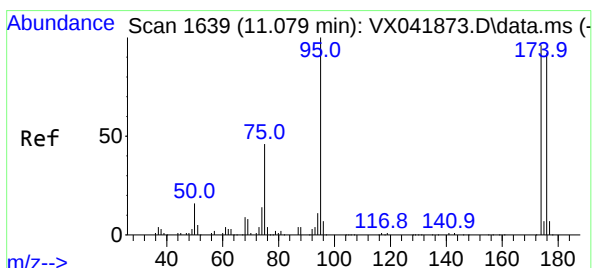
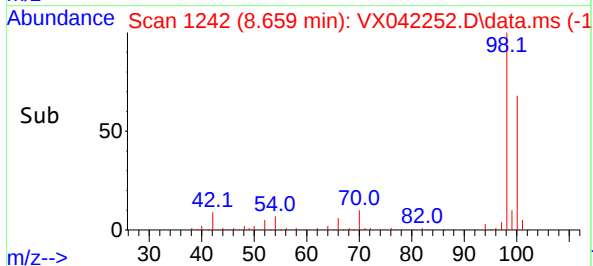
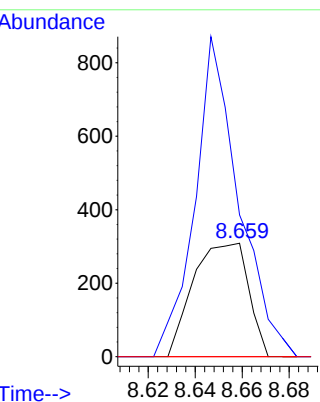
MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 504

Ion	Ratio	Lower	Upper
43	100		
58	225.0	33.2	49.8#
85	0.0	15.5	23.3#



#60

4-Bromofluorobenzene

Concen: 26.562 ug/l

RT: 11.085 min Scan# 1640

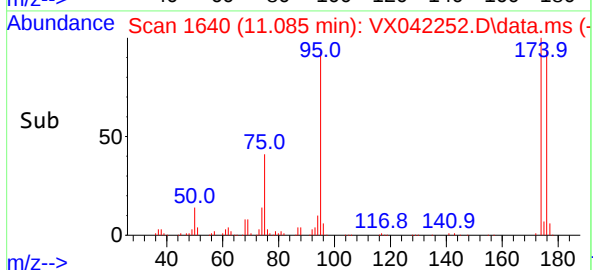
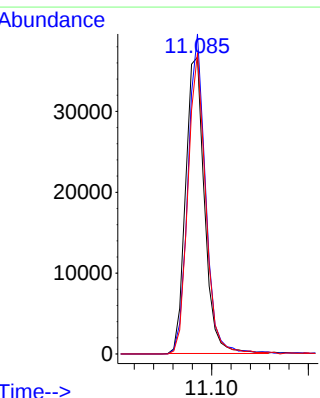
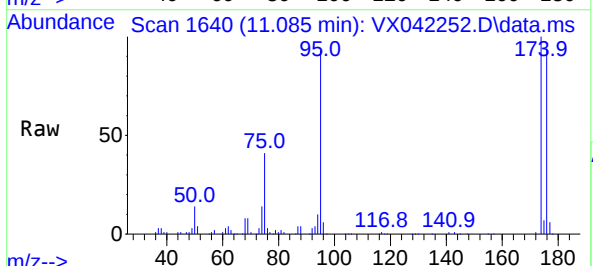
Delta R.T. 0.006 min

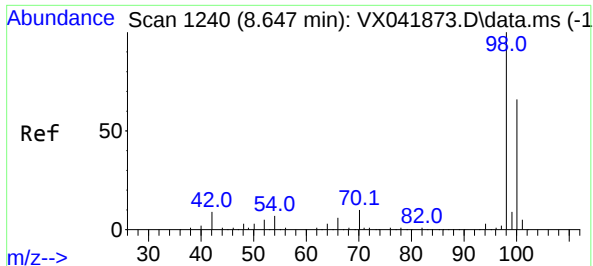
Lab File: VX042252.D

Acq: 09 Jul 2024 17:13

Tgt Ion: 95 Resp: 49867

Ion	Ratio	Lower	Upper
95	100		
174	99.6	78.9	118.3
176	95.0	77.1	115.7

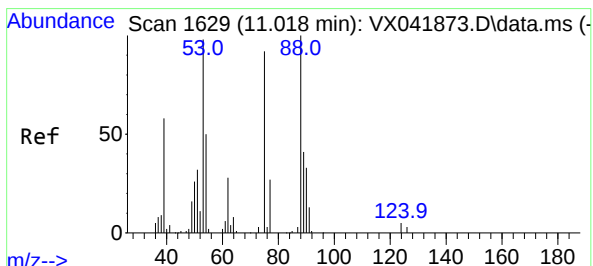
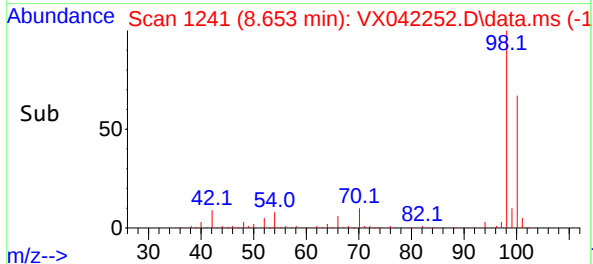
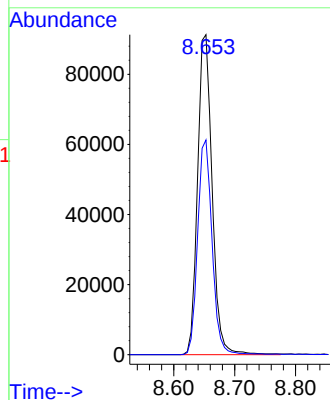
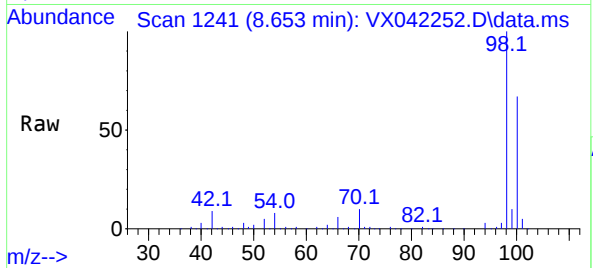




#63
Toluene-d8
Concen: 29.206 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 151552
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#77
t-1,4-Dichloro-2-butene
Concen: 32.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042252.D
Acq: 09 Jul 2024 17:13

Tgt Ion: 75 Resp: 22742
Ion Ratio Lower Upper
75 100
53 0.0 53.4 160.2#
89 0.0 22.5 67.5#

