

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041896.D
 Acq On : 14 Jun 2024 22:27
 Operator : JC/MD
 Sample : P2886-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 04:18:29 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)

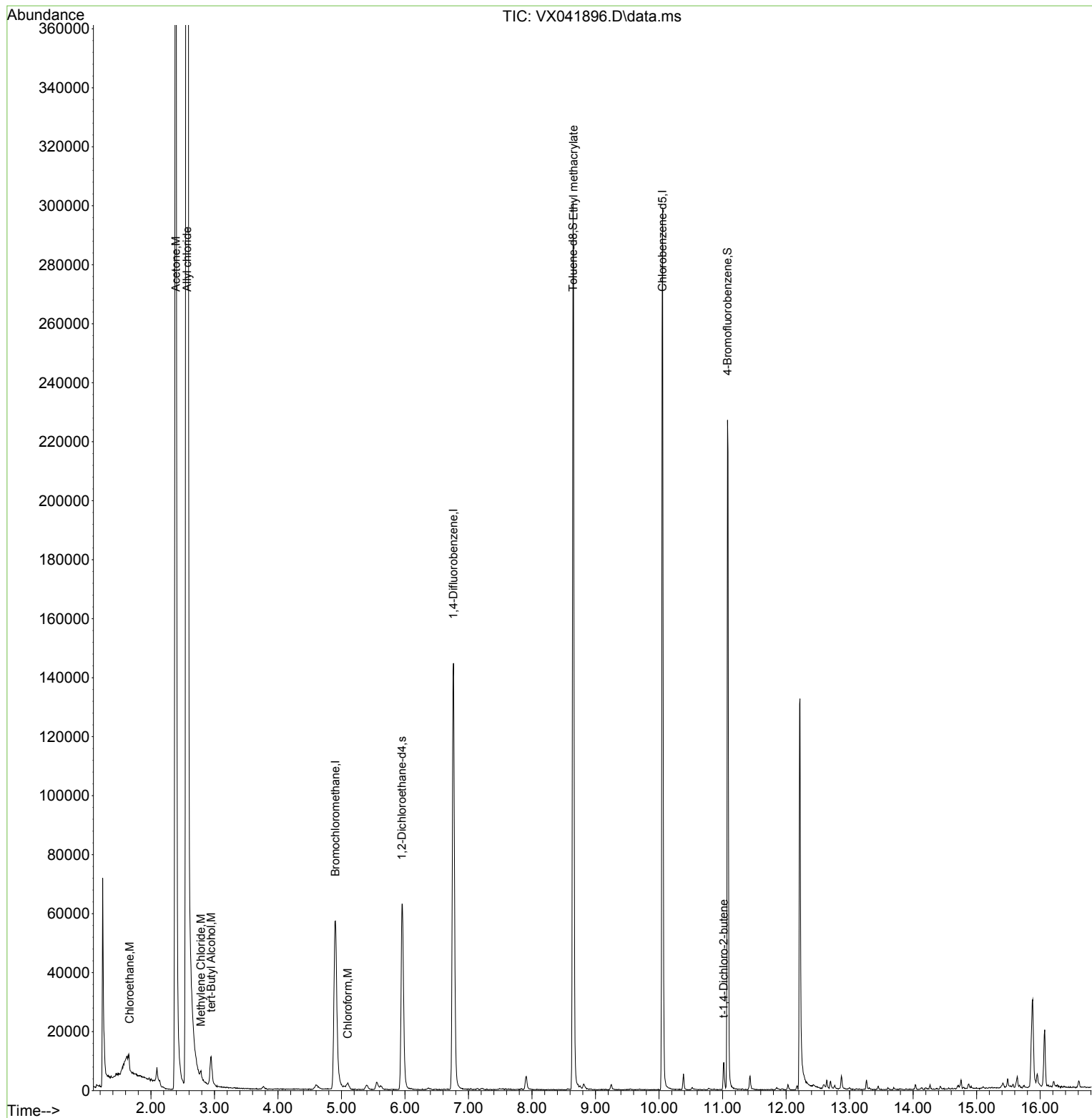
Internal Standards						
1) Bromochloromethane	4.904	128	30874	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	161725	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	147726	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	62042	29.192	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.300%
60) 4-Bromofluorobenzene	11.079	95	62420	27.297	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.000%
63) Toluene-d8	8.647	98	186071	29.440	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.133%
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	599	0.642	ug/l #	71
15) Acetone	2.392	58	213223	652.807	ug/l	95
17) Allyl chloride	2.569	41	193129	67.395	ug/l #	59
18) Methylene Chloride	2.788	84	1027	0.475	ug/l #	82
23) tert-Butyl Alcohol	2.947	59	5945	14.005	ug/l #	100
25) Chloroform	5.099	83	2436	0.712	ug/l	88
51) Ethyl methacrylate	8.653	69	603	0.211	ug/l	95
77) t-1,4-Dichloro-2-butene	11.018	75	4175	4.886	ug/l #	7

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

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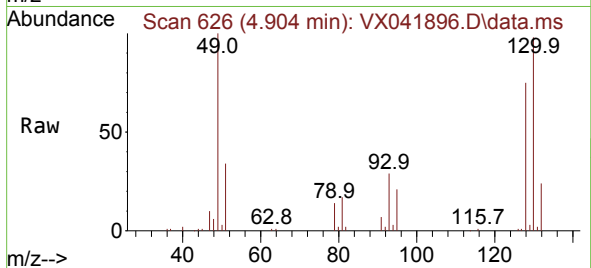
Quant Time: Jun 15 04:18:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration



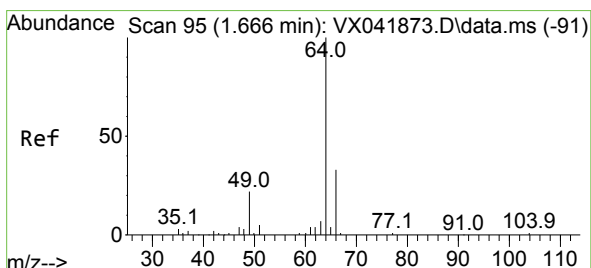
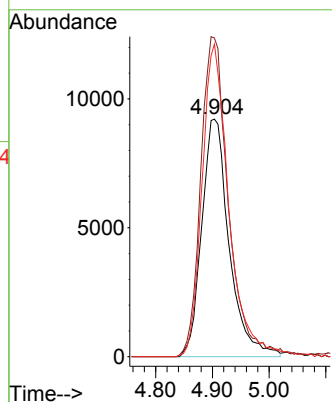
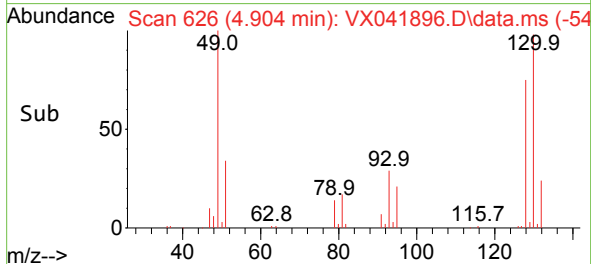


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Instrument :
MSVOA_X
ClientSampleId :

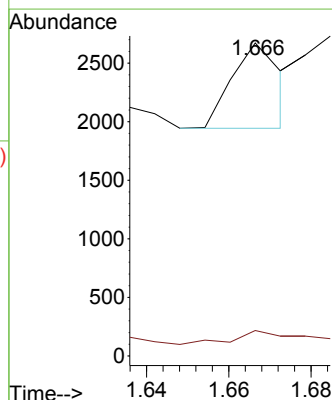
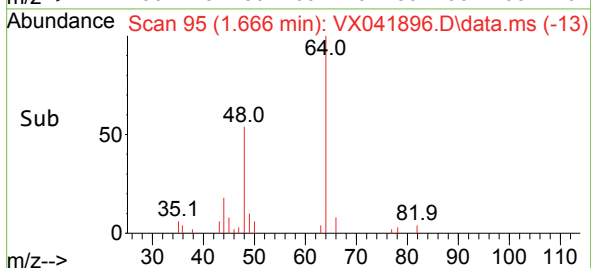
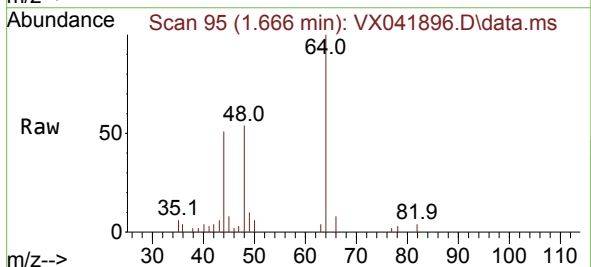


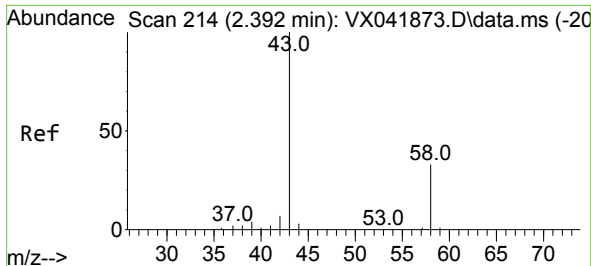
Tgt Ion:128 Resp: 30874
Ion Ratio Lower Upper
128 100
49 134.3 0.0 338.5
130 128.5 0.0 324.5



#6
Chloroethane
Concen: 0.642 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Tgt Ion: 64 Resp: 599
Ion Ratio Lower Upper
64 100
66 16.3 26.4 39.6#





#15

Acetone

Concen: 652.807 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX041896.D

Acq: 14 Jun 2024 22:27

Instrument :

MSVOA_X

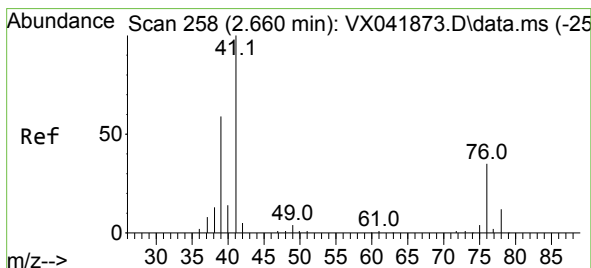
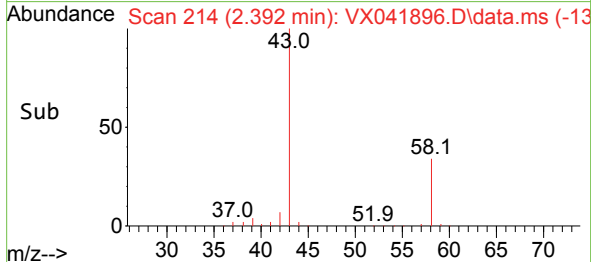
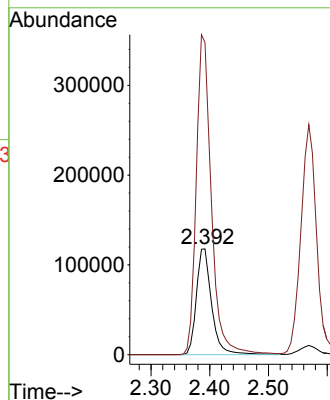
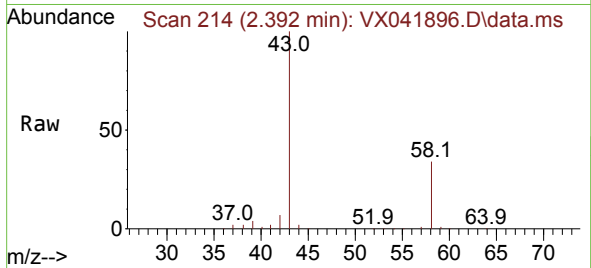
ClientSampleId :

Tgt Ion: 58 Resp: 213223

Ion Ratio Lower Upper

58 100

43 294.9 243.4 365.2



#17

Allyl chloride

Concen: 67.395 ug/l

RT: 2.569 min Scan# 243

Delta R.T. -0.091 min

Lab File: VX041896.D

Acq: 14 Jun 2024 22:27

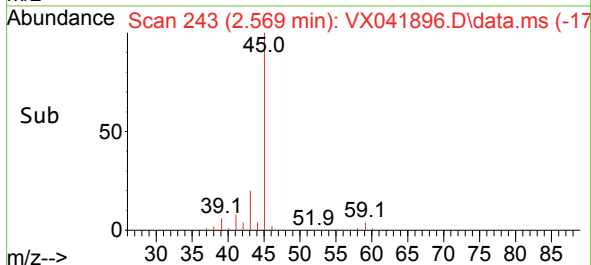
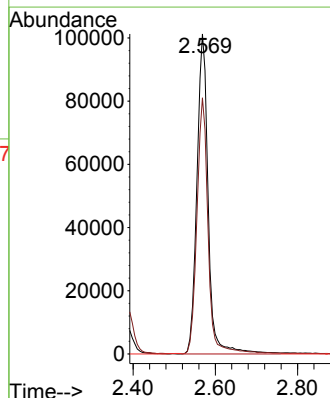
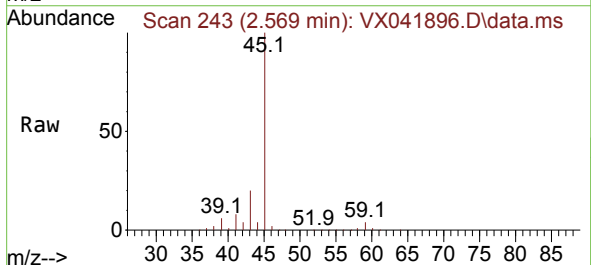
Tgt Ion: 41 Resp: 193129

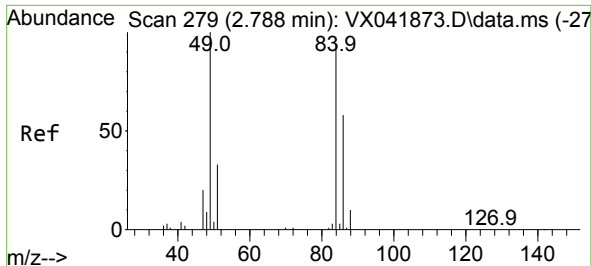
Ion Ratio Lower Upper

41 100

39 80.0 29.6 88.8

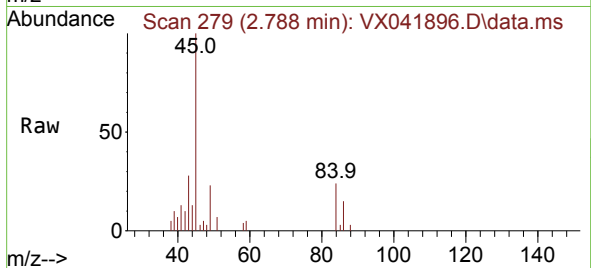
76 0.0 18.1 54.4#



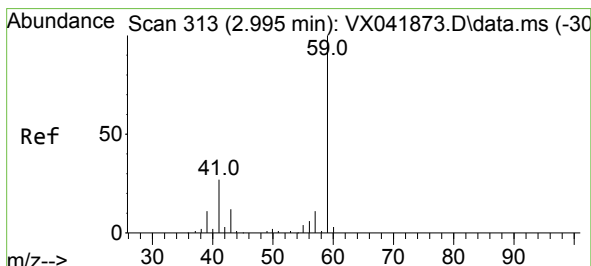
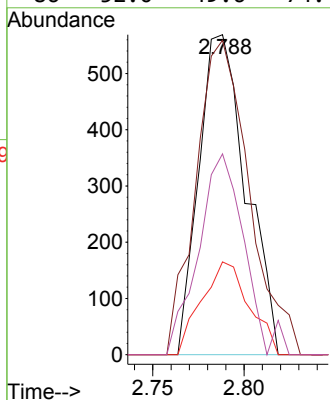
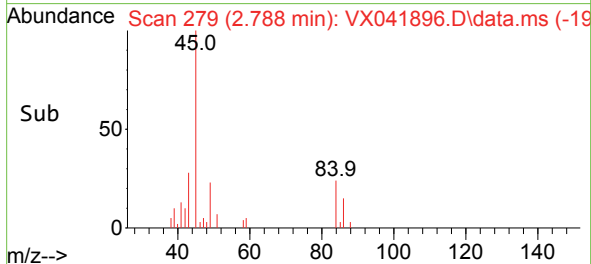


#18
Methylene Chloride
Concen: 0.475 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Instrument :
MSVOA_X
ClientSampleId :

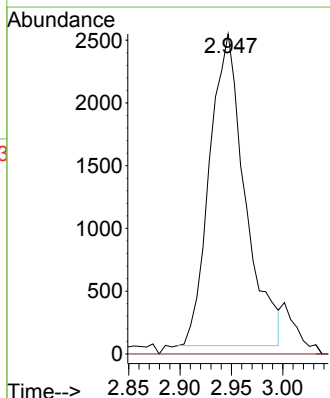
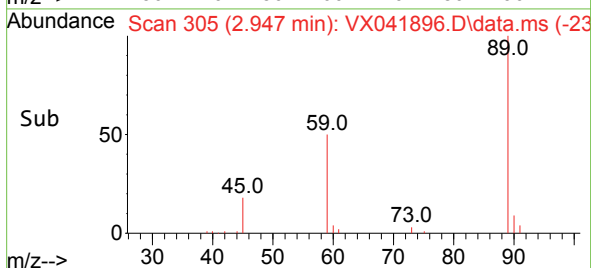
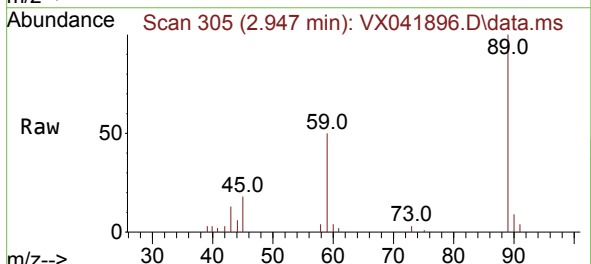


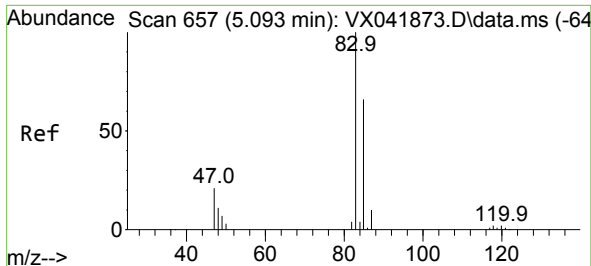
Tgt Ion:	84	Resp:	1027
Ion	Ratio	Lower	Upper
84	100		
49	82.8	85.3	127.9#
51	29.0	28.5	42.7
86	52.0	49.6	74.4



#23
tert-Butyl Alcohol
Concen: 14.005 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Tgt Ion:	59	Resp:	5945
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

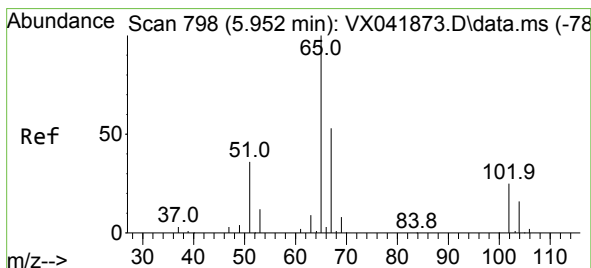
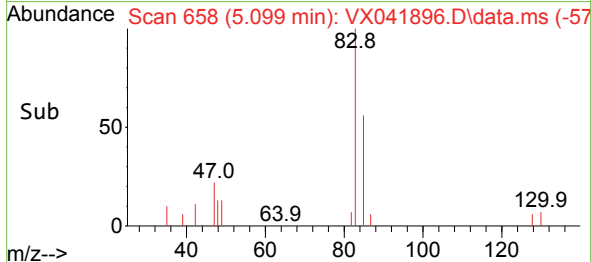
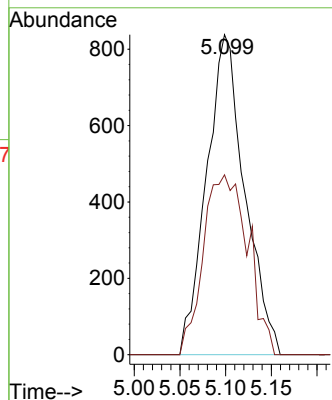
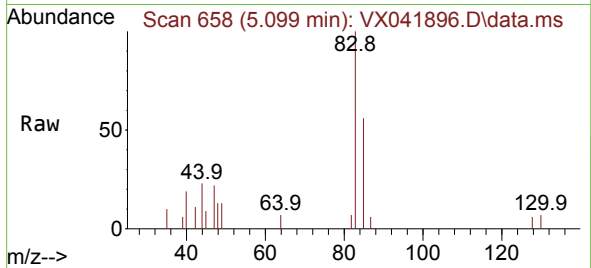




#25
Chloroform
Concen: 0.712 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

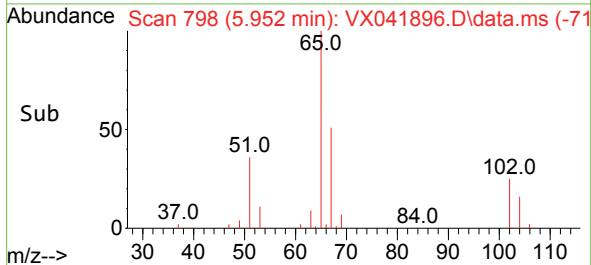
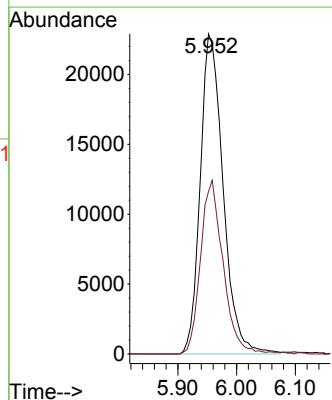
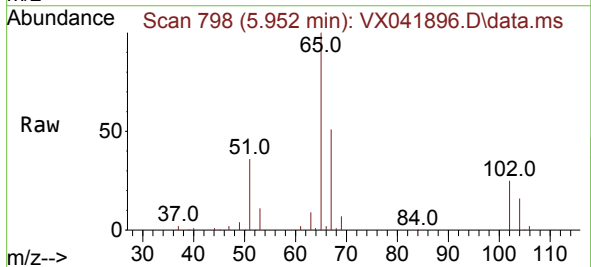
Instrument :
MSVOA_X
ClientSampleId :

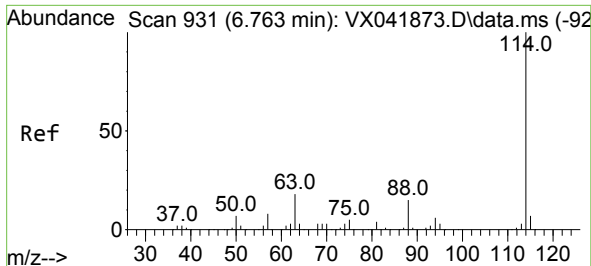
Tgt Ion: 83 Resp: 2436
Ion Ratio Lower Upper
83 100
85 56.2 52.7 79.1



#27
1,2-Dichloroethane-d4
Concen: 29.192 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Tgt Ion: 65 Resp: 62042
Ion Ratio Lower Upper
65 100
67 53.2 43.4 65.0

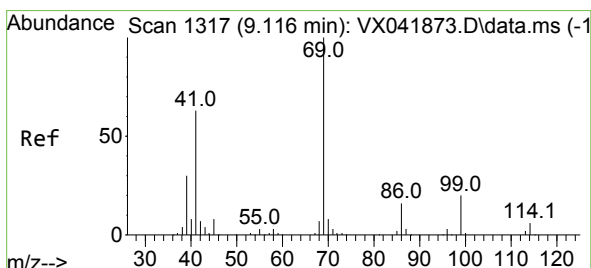
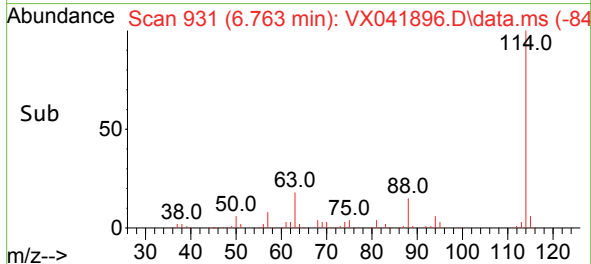
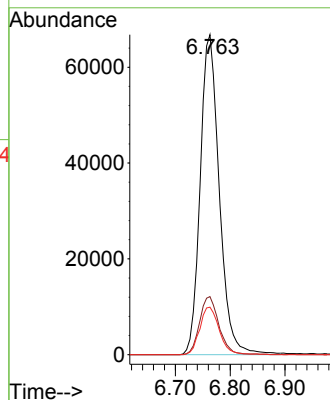
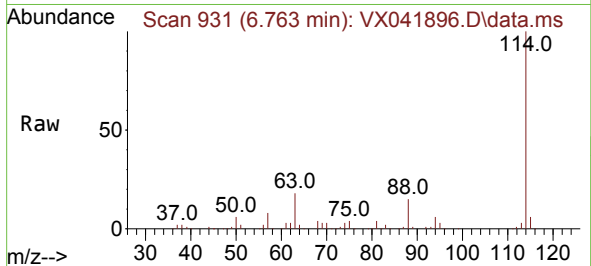




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

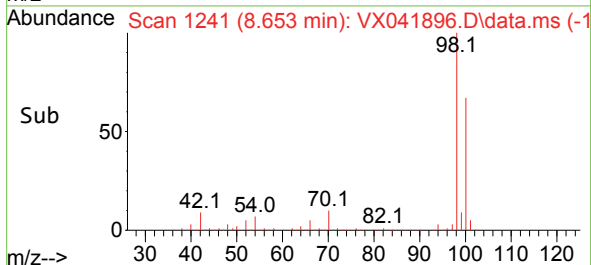
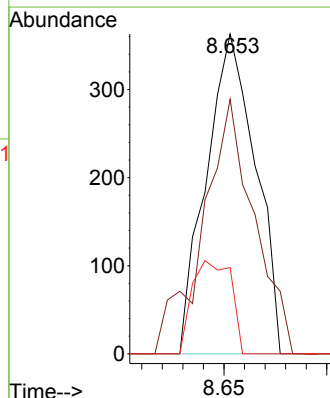
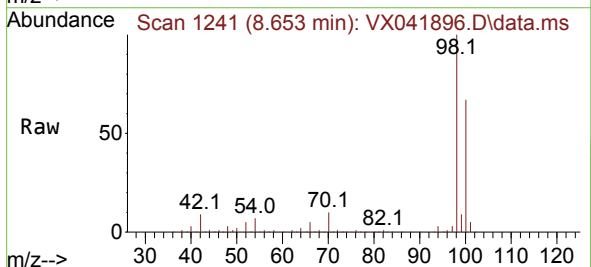
Instrument :
MSVOA_X
ClientSampleId :

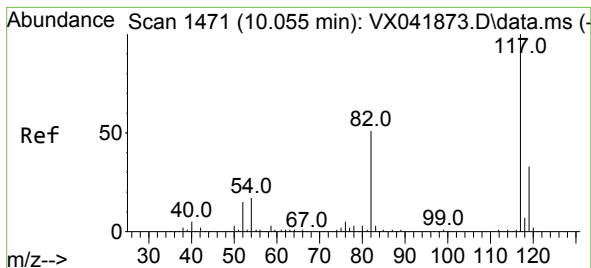
Tgt Ion:114 Resp: 161725
Ion Ratio Lower Upper
114 100
63 18.3 14.6 21.8
88 15.1 11.8 17.8



#51
Ethyl methacrylate
Concen: 0.211 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.463 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Tgt Ion: 69 Resp: 603
Ion Ratio Lower Upper
69 100
41 60.1 31.6 94.7
39 27.0 15.3 45.8

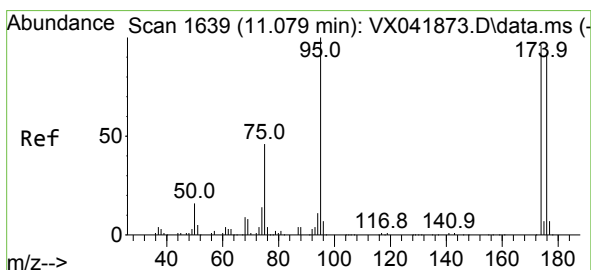
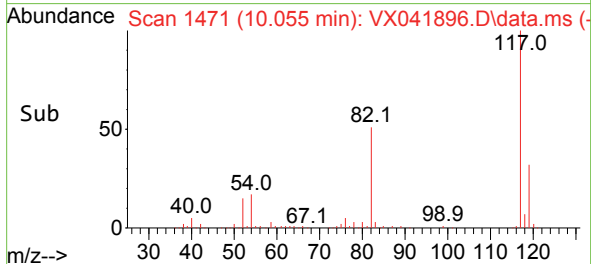
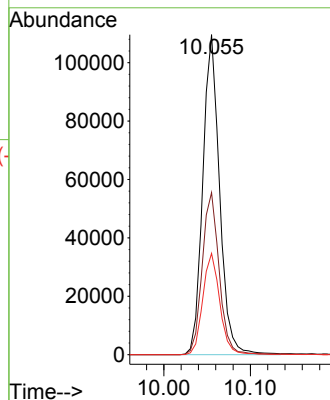
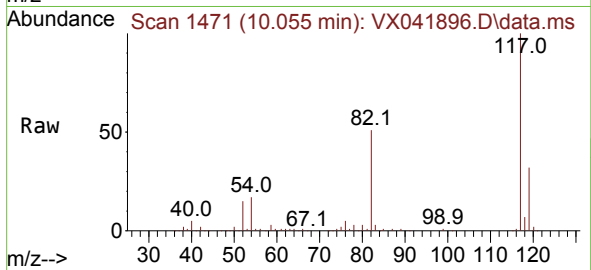




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

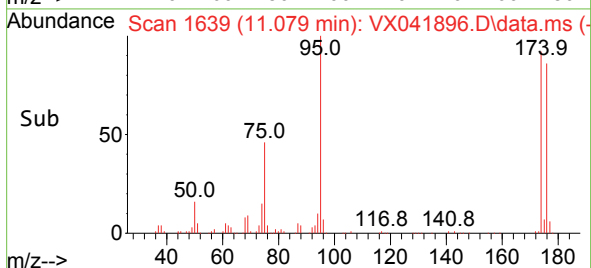
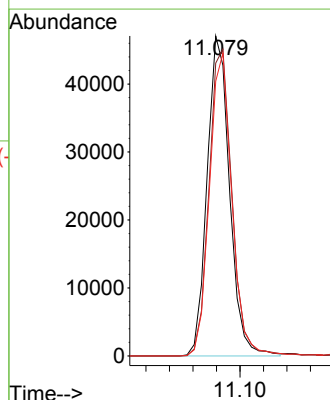
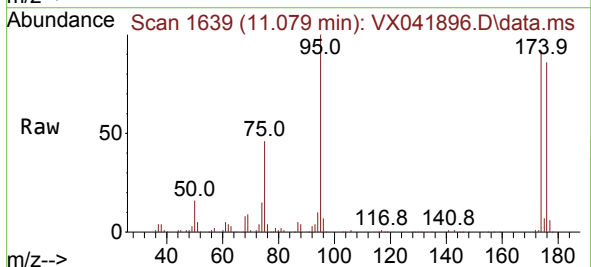
Instrument :
MSVOA_X
ClientSampleId :

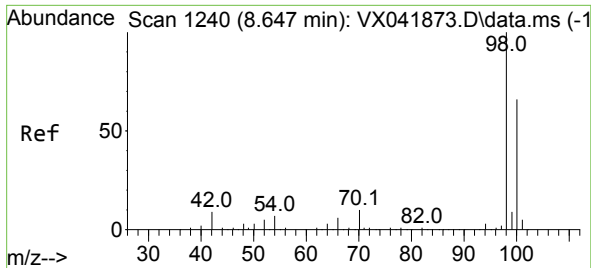
Tgt Ion:117 Resp: 147726
Ion Ratio Lower Upper
117 100
82 51.3 41.1 61.7
119 32.1 26.1 39.1



#60
4-Bromofluorobenzene
Concen: 27.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Tgt Ion: 95 Resp: 62420
Ion Ratio Lower Upper
95 100
174 98.3 78.9 118.3
176 94.7 77.1 115.7

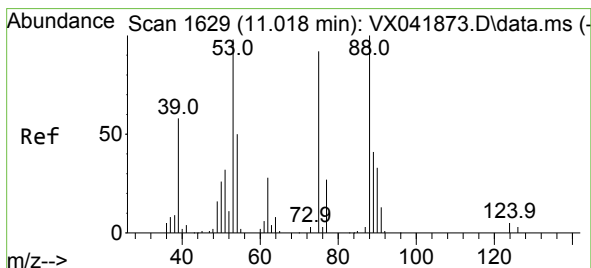
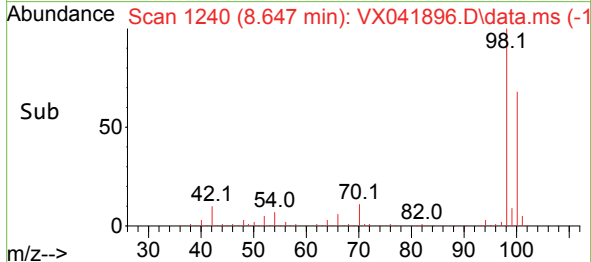
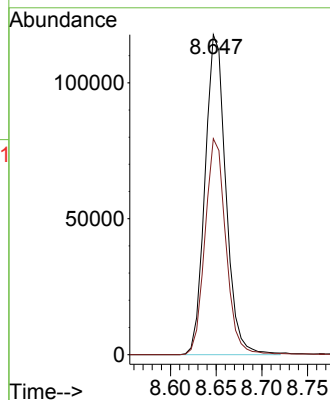
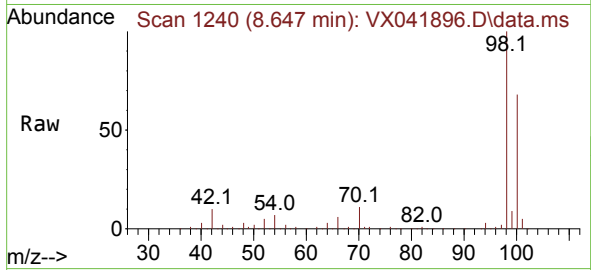




#63
Toluene-d8
Concen: 29.440 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 186071
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1



#77
t-1,4-Dichloro-2-butene
Concen: 4.886 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Tgt Ion: 75 Resp: 4175
Ion Ratio Lower Upper
75 100
53 0.0 53.4 160.2#
89 0.0 22.5 67.5#

