

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041889.D
 Acq On : 14 Jun 2024 19:44
 Operator : JC/MD
 Sample : P2866-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240607004-03-TB

Quant Time: Jun 15 04:16:05 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)

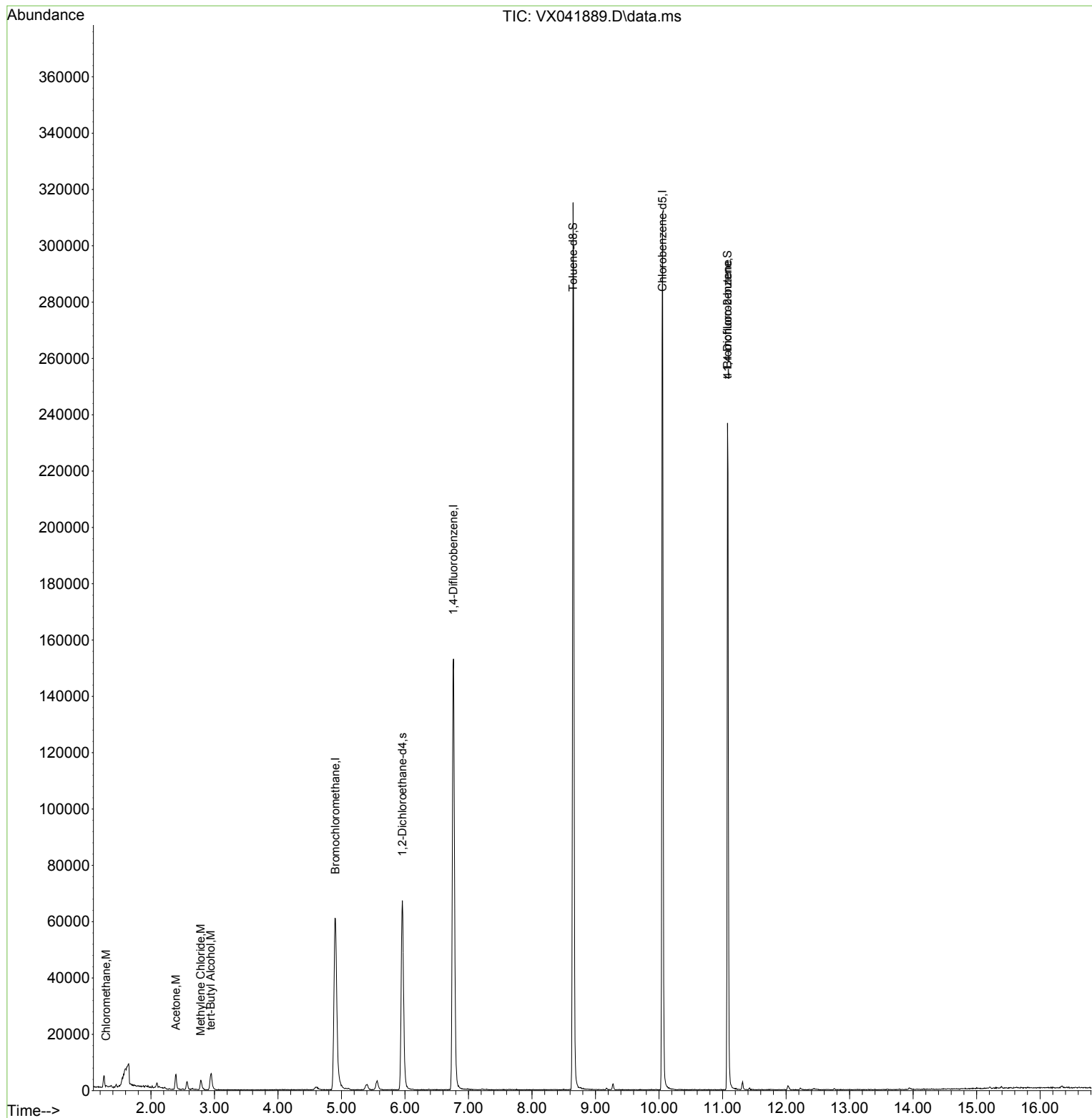
Internal Standards						
1) Bromochloromethane	4.904	128	32301	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	171615	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	154107	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	63396	28.511	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.033%
60) 4-Bromofluorobenzene	11.079	95	63628	26.673	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.900%
63) Toluene-d8	8.647	98	197418	29.942	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	522	0.223	ug/l #	41
15) Acetone	2.392	58	2014	5.894	ug/l	95
18) Methylene Chloride	2.782	84	1897	0.838	ug/l	97
23) tert-Butyl Alcohol	2.941	59	4041	9.099	ug/l #	100
77) t-1,4-Dichloro-2-butene	11.079	75	28993	32.523	ug/l #	7

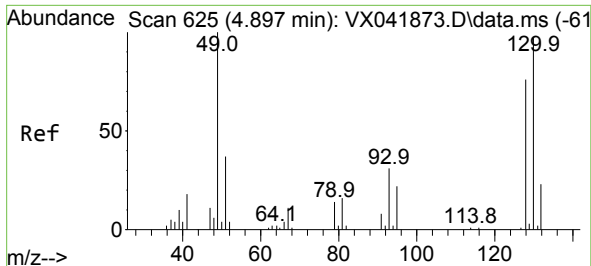
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
Data File : VX041889.D
Acq On : 14 Jun 2024 19:44
Operator : JC/MD
Sample : P2866-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240607004-03-TB

Quant Time: Jun 15 04:16:05 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

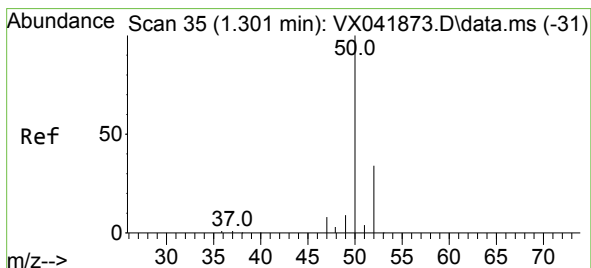
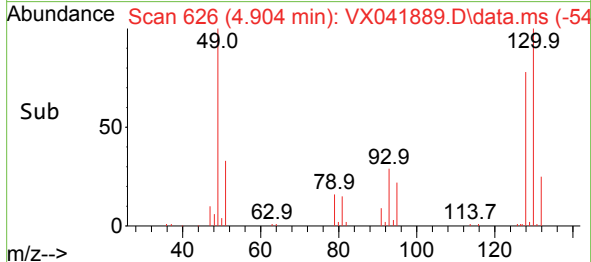
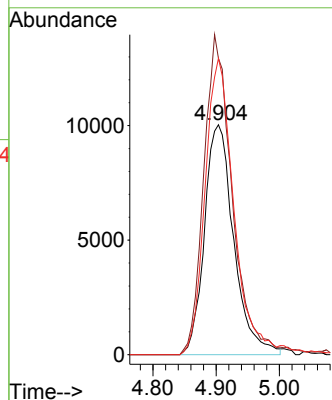
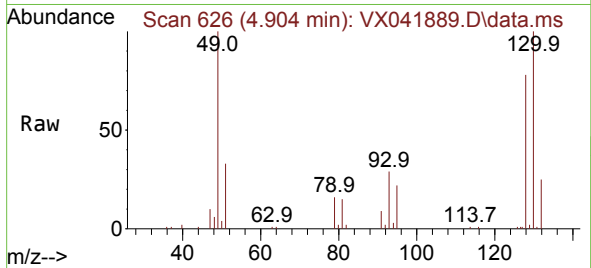




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041889.D
Acq: 14 Jun 2024 19:44

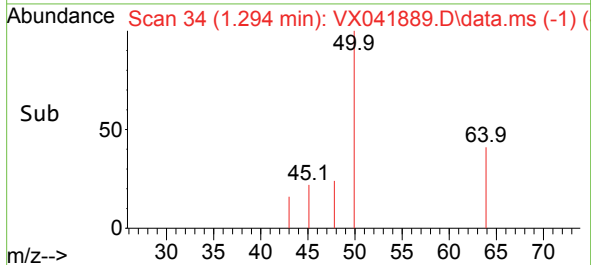
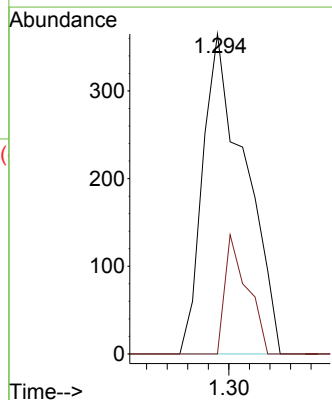
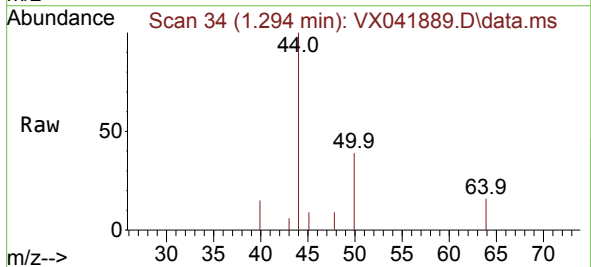
Instrument :
MSVOA_X
ClientSampleId :
240607004-03-TB

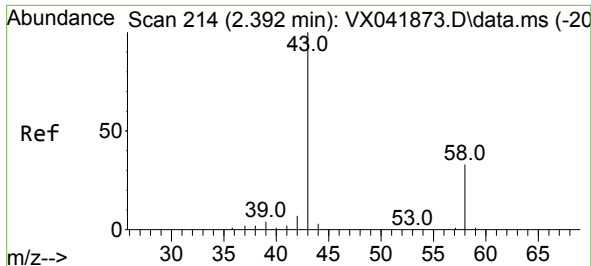
Tgt Ion:128 Resp: 32301
Ion Ratio Lower Upper
128 100
49 131.8 0.0 338.5
130 125.9 0.0 324.5



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041889.D
Acq: 14 Jun 2024 19:44

Tgt Ion: 50 Resp: 522
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#15

Acetone

Concen: 5.894 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX041889.D

Acq: 14 Jun 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

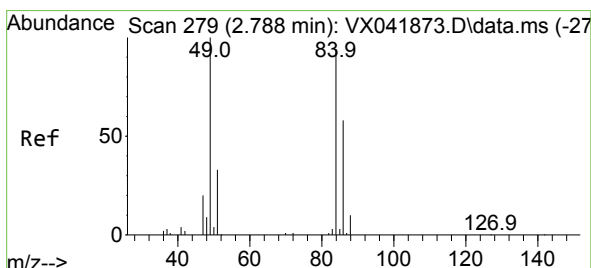
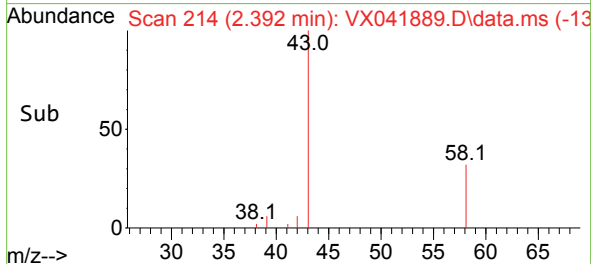
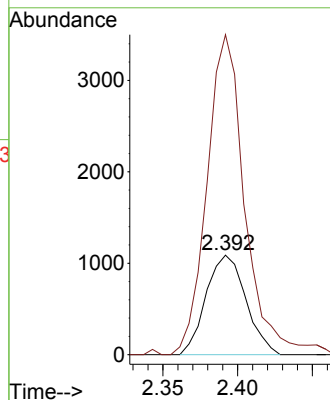
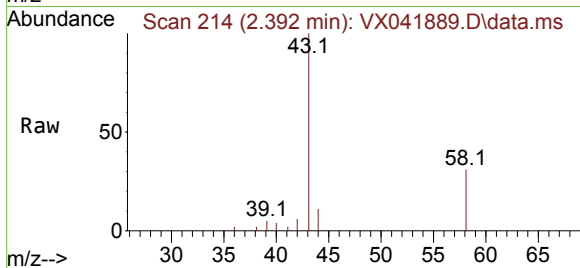
240607004-03-TB

Tgt Ion: 58 Resp: 2014

Ion Ratio Lower Upper

58 100

43 313.9 243.4 365.2



#18

Methylene Chloride

Concen: 0.838 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041889.D

Acq: 14 Jun 2024 19:44

Tgt Ion: 84 Resp: 1897

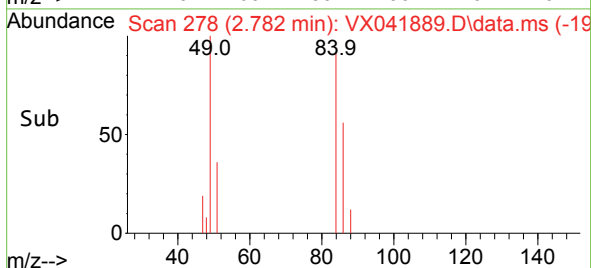
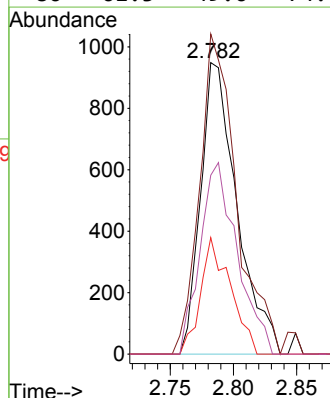
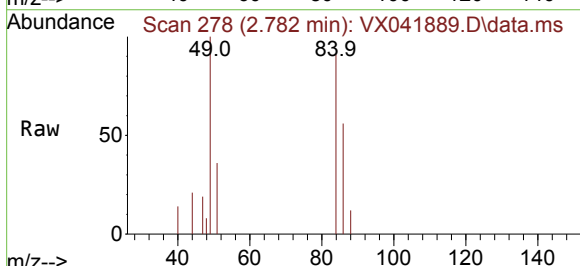
Ion Ratio Lower Upper

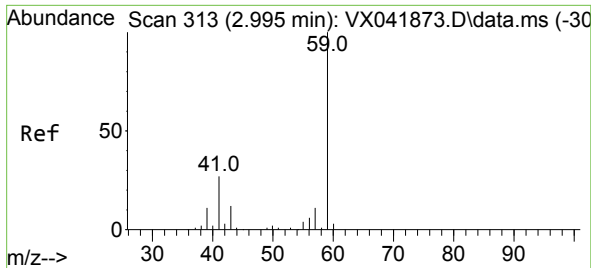
84 100

49 109.8 85.3 127.9

51 39.9 28.5 42.7

86 61.3 49.6 74.4

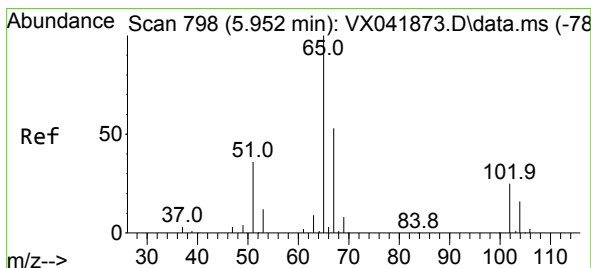
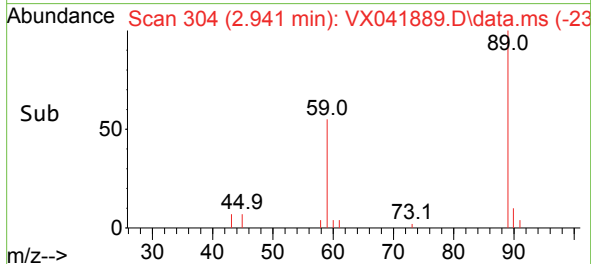
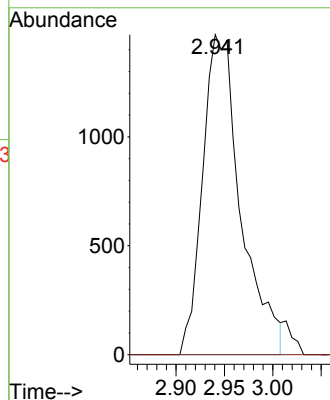
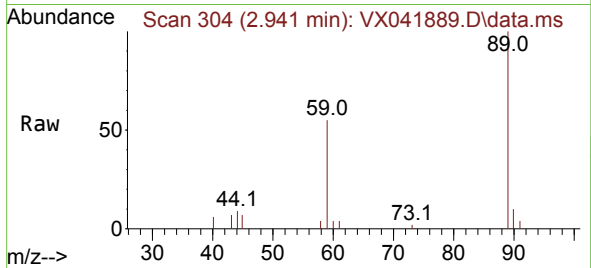




#23
tert-Butyl Alcohol
Concen: 9.099 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX041889.D
Acq: 14 Jun 2024 19:44

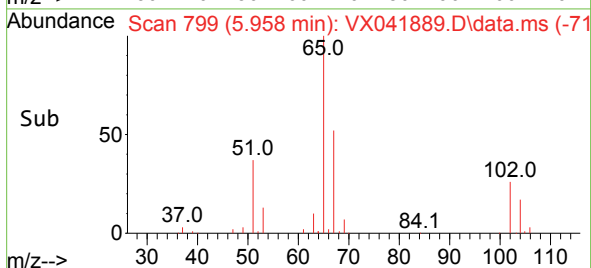
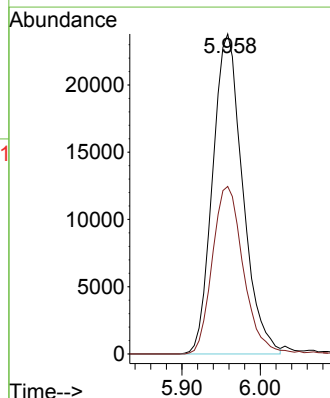
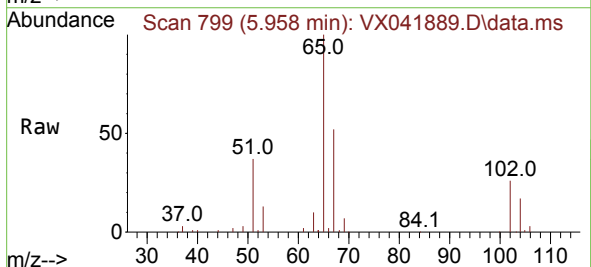
Instrument :
MSVOA_X
ClientSampleId :
240607004-03-TB

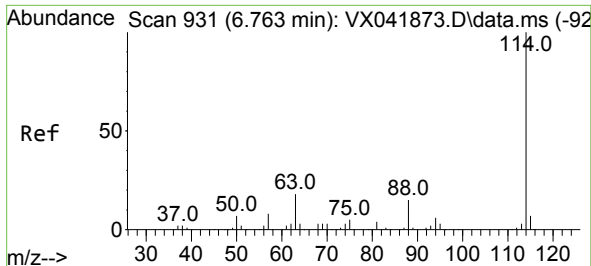
Tgt Ion: 59 Resp: 4041
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 28.511 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041889.D
Acq: 14 Jun 2024 19:44

Tgt Ion: 65 Resp: 63396
Ion Ratio Lower Upper
65 100
67 53.8 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: VX041889.D

Acq: 14 Jun 2024 19:44

Instrument :

MSVOA_X

ClientSampleId :

240607004-03-TB

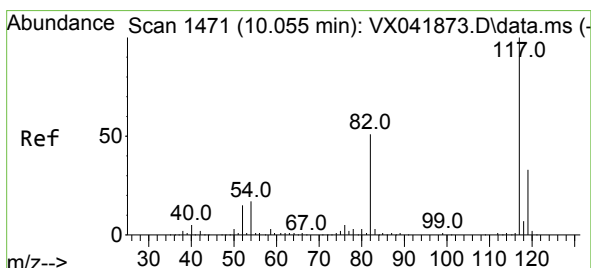
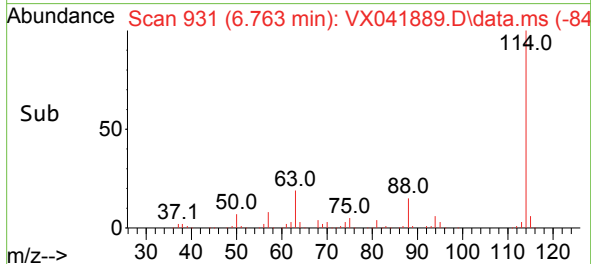
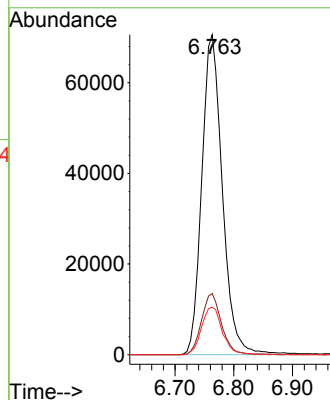
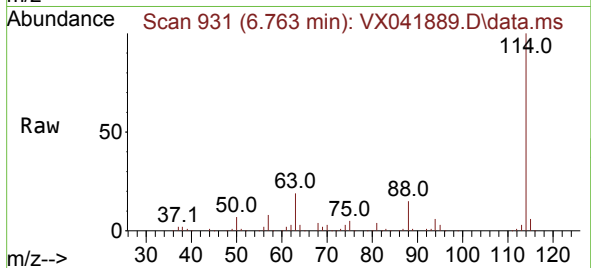
Tgt Ion:114 Resp: 171615

Ion Ratio Lower Upper

114 100

63 18.6 14.6 21.8

88 15.0 11.8 17.8



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041889.D

Acq: 14 Jun 2024 19:44

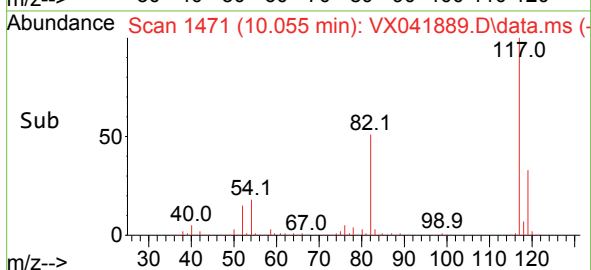
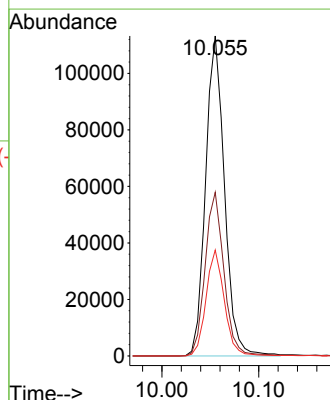
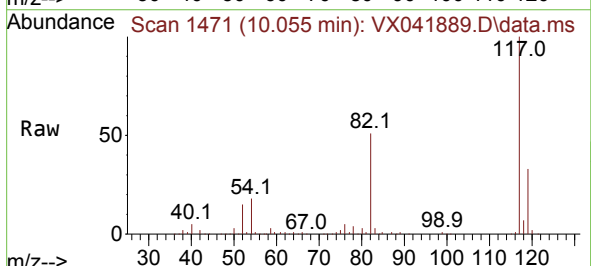
Tgt Ion:117 Resp: 154107

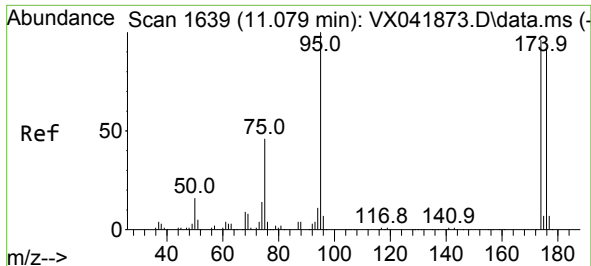
Ion Ratio Lower Upper

117 100

82 51.2 41.1 61.7

119 32.1 26.1 39.1

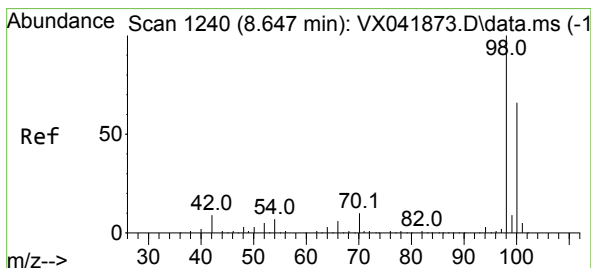
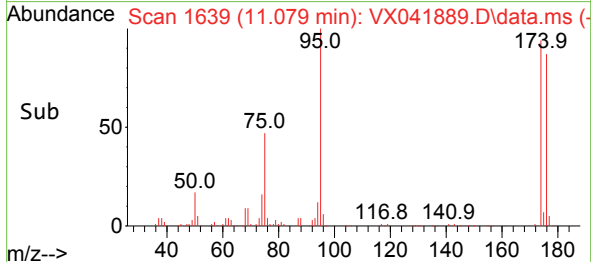
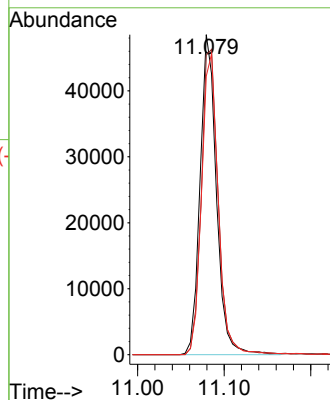
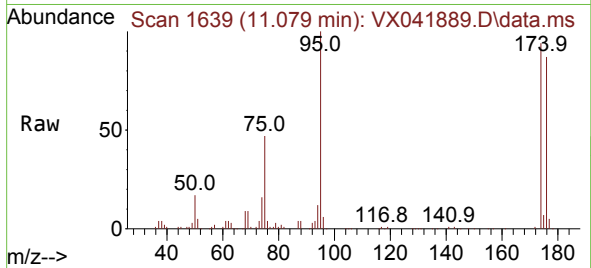




#60
4-Bromofluorobenzene
Concen: 26.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041889.D
Acq: 14 Jun 2024 19:44

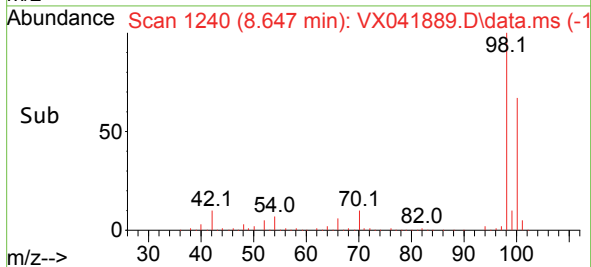
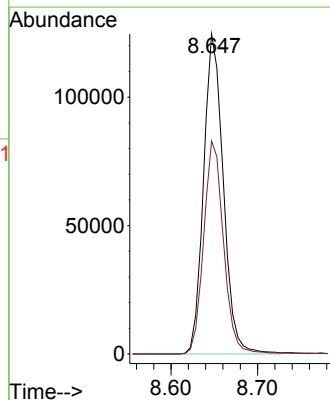
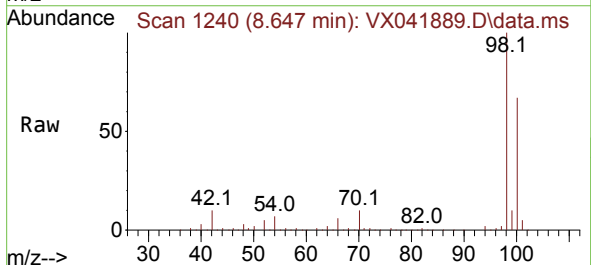
Instrument :
MSVOA_X
ClientSampleId :
240607004-03-TB

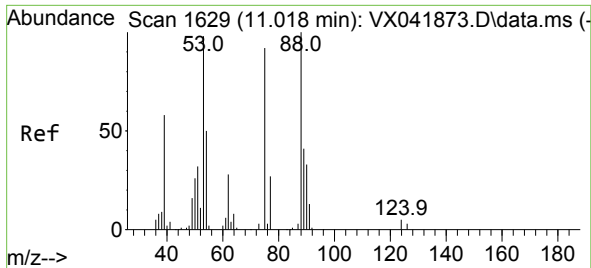
Tgt Ion: 95 Resp: 63628
Ion Ratio Lower Upper
95 100
174 97.8 78.9 118.3
176 95.9 77.1 115.7



#63
Toluene-d8
Concen: 29.942 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041889.D
Acq: 14 Jun 2024 19:44

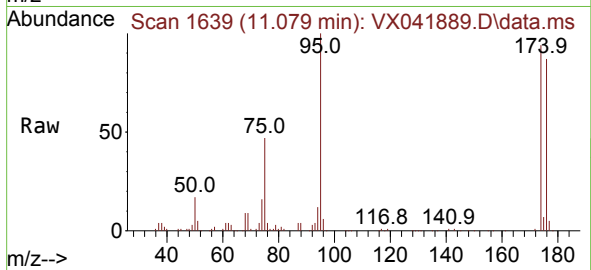
Tgt Ion: 98 Resp: 197418
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1





#77
 t-1,4-Dichloro-2-butene
 Concen: 32.523 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041889.D
 Acq: 14 Jun 2024 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 240607004-03-TB



Tgt Ion: 75 Resp: 28993
 Ion Ratio Lower Upper
 75 100
 53 0.0 53.4 160.2#
 89 0.0 22.5 67.5#

