

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041582.D
 Acq On : 21 May 2024 12:29
 Operator : JC/MD
 Sample : P2546-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240516002-05-TRIP-BLANK

Quant Time: May 22 02:53:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

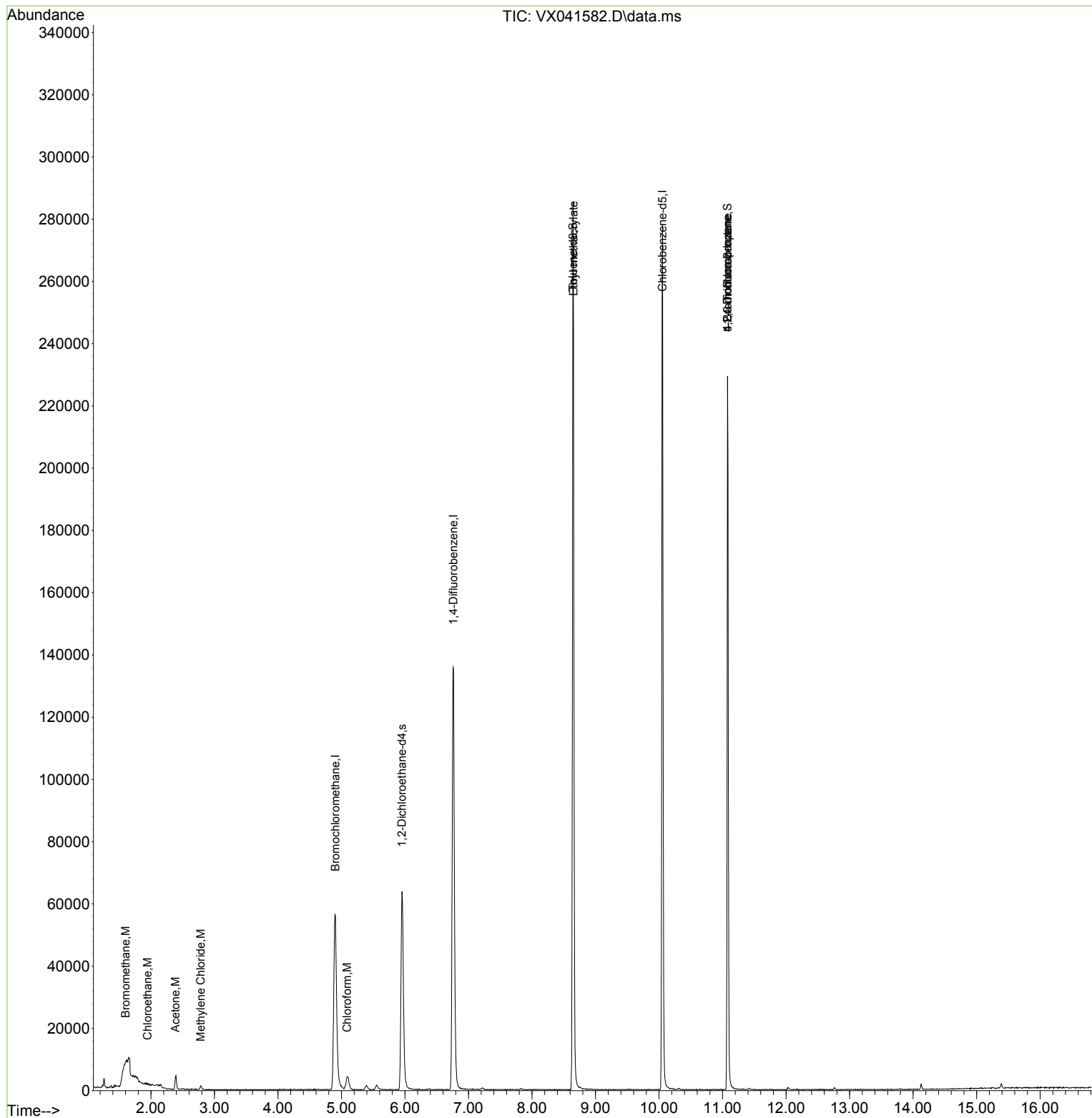
Internal Standards						
1) Bromochloromethane	4.904	128	27055	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	147657	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	131285	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	64634	30.337	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.133%
60) 4-Bromofluorobenzene	11.079	95	56698	27.665	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.200%
63) Toluene-d8	8.647	98	169429	30.106	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.367%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	377	0.363	ug/l	87
6) Chloroethane	1.947	64	207	0.251	ug/l	98
15) Acetone	2.386	58	1472	5.994	ug/l #	68
18) Methylene Chloride	2.782	84	617	0.375	ug/l	91
25) Chloroform	5.086	83	2606	0.845	ug/l	92
51) Ethyl methacrylate	8.653	69	537	0.209	ug/l	83
72) 1,2,3-Trichloropropane	11.079	75	28463	12.734	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	28463	40.513	ug/l #	1

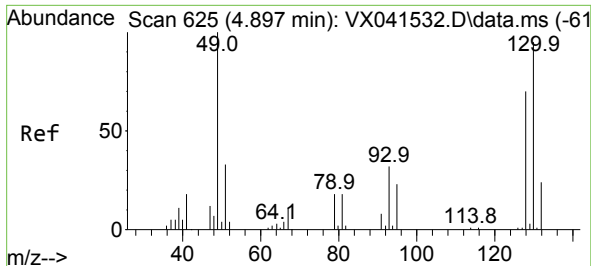
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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240516002-05-TRIP-BLANK

Quant Time: May 22 02:53:37 2024
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
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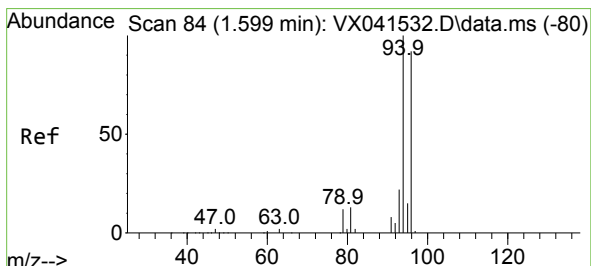
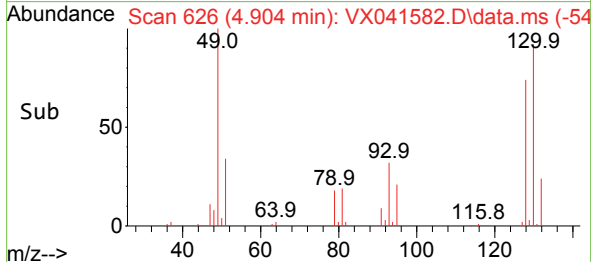
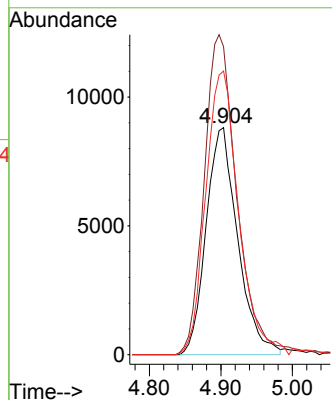
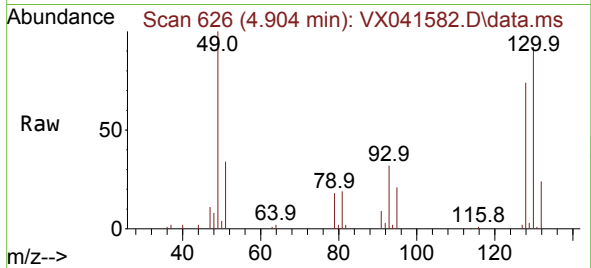




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041582.D
Acq: 21 May 2024 12:29

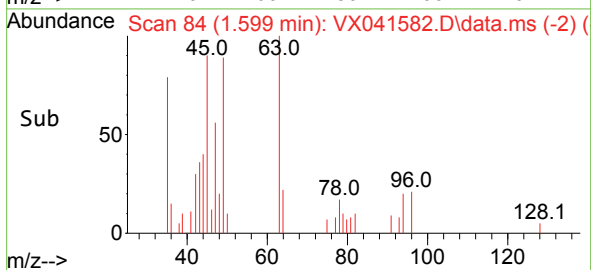
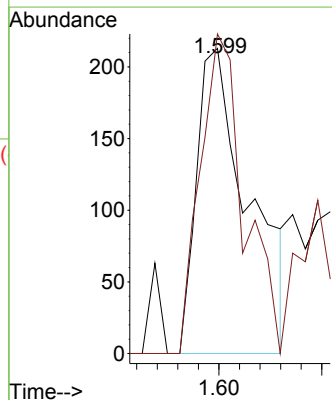
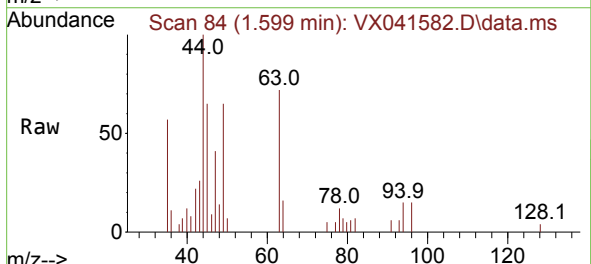
Instrument :
MSVOA_X
ClientSampleId :
240516002-05-TRIP-BLANK

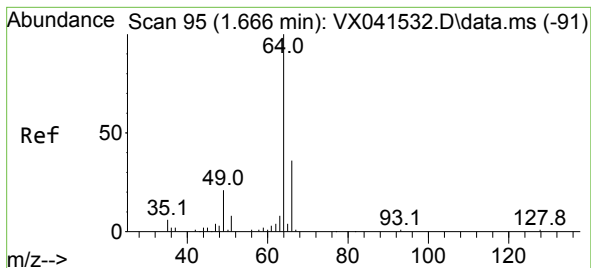
Tgt Ion	Ratio	Lower	Upper
128	100		
49	147.0	0.0	361.5
130	130.3	0.0	324.3



#5
Bromomethane
Concen: 0.363 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041582.D
Acq: 21 May 2024 12:29

Tgt Ion	Ratio	Lower	Upper
94	100		
96	104.7	73.9	110.9





#6

Chloroethane

Concen: 0.251 ug/l

RT: 1.947 min Scan# 14

Delta R.T. 0.281 min

Lab File: VX041582.D

Acq: 21 May 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

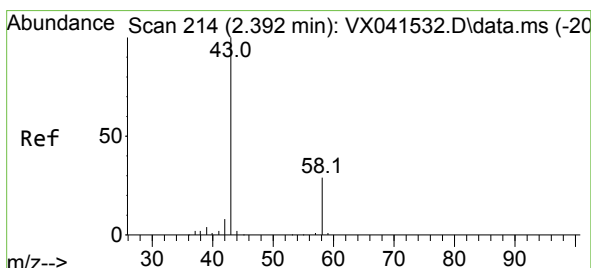
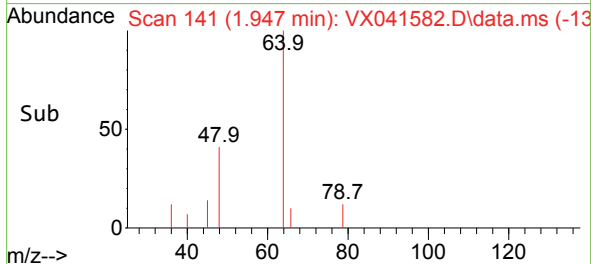
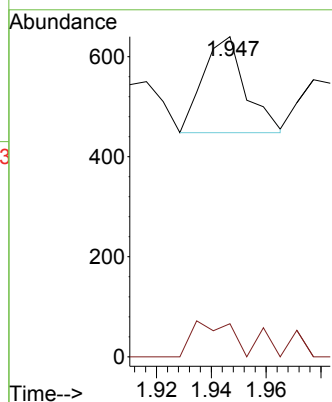
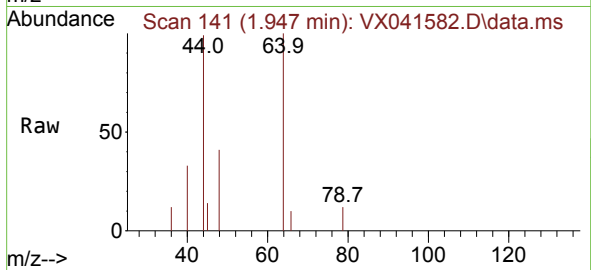
240516002-05-TRIP-BLANK

Tgt Ion: 64 Resp: 207

Ion Ratio Lower Upper

64 100

66 34.4 28.6 42.8



#15

Acetone

Concen: 5.994 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041582.D

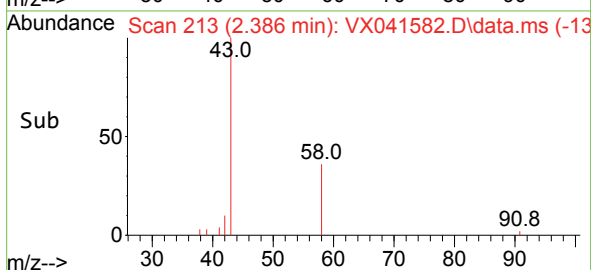
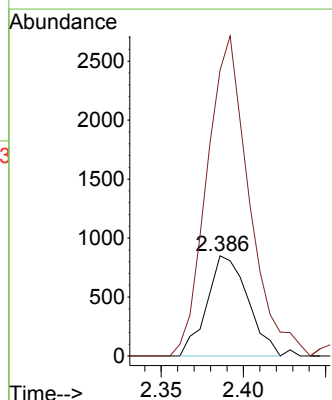
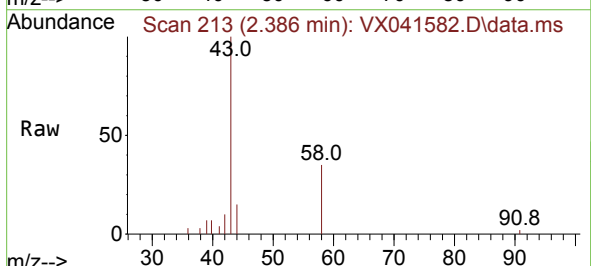
Acq: 21 May 2024 12:29

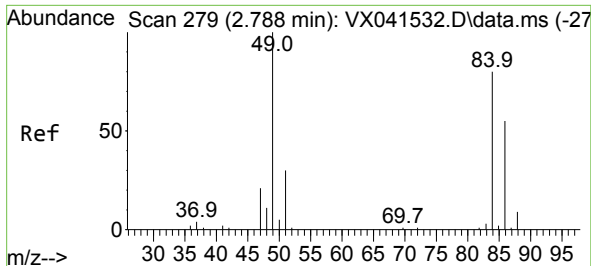
Tgt Ion: 58 Resp: 1472

Ion Ratio Lower Upper

58 100

43 273.3 274.0 411.0#

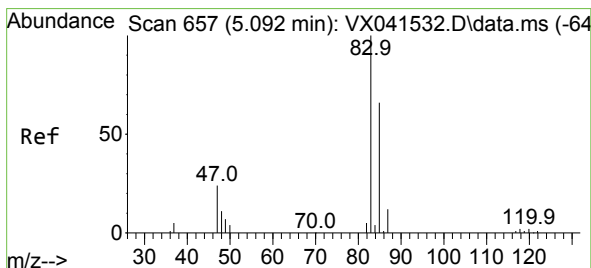
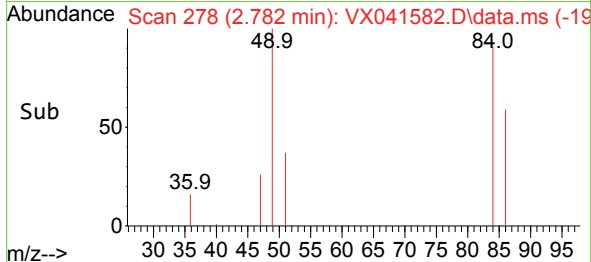
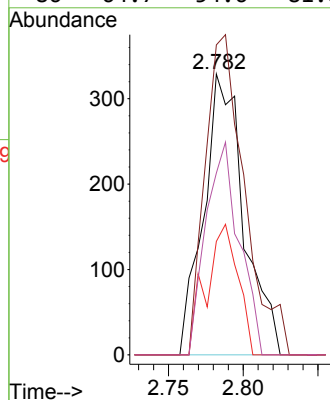
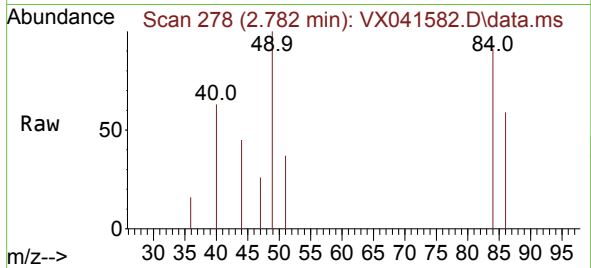




#18
Methylene Chloride
Concen: 0.375 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041582.D
Acq: 21 May 2024 12:29

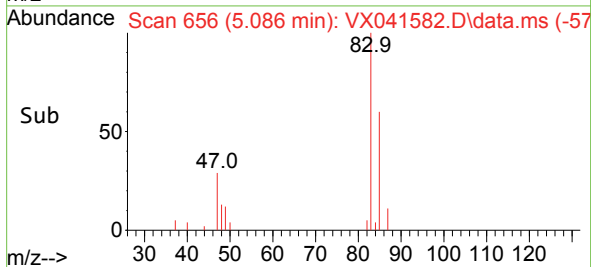
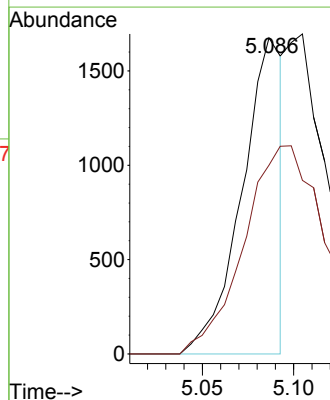
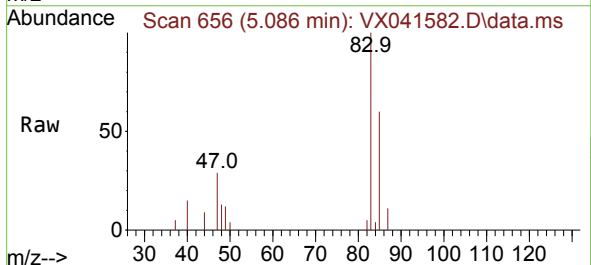
Instrument :
MSVOA_X
ClientSampleId :
240516002-05-TRIP-BLANK

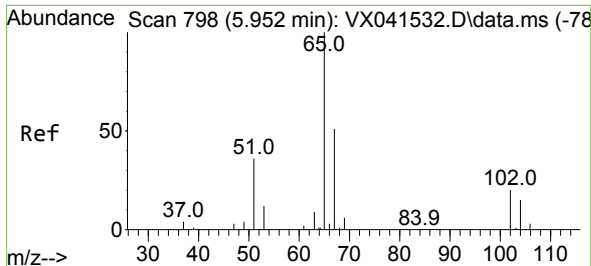
Tgt Ion: 84	Resp: 617
Ion Ratio	Lower Upper
84 100	
49 110.3	99.8 149.8
51 40.4	30.2 45.4
86 64.7	54.6 81.8



#25
Chloroform
Concen: 0.845 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX041582.D
Acq: 21 May 2024 12:29

Tgt Ion: 83	Resp: 2606
Ion Ratio	Lower Upper
83 100	
85 59.8	52.9 79.3





#27

1,2-Dichloroethane-d4

Concen: 30.337 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041582.D

Acq: 21 May 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

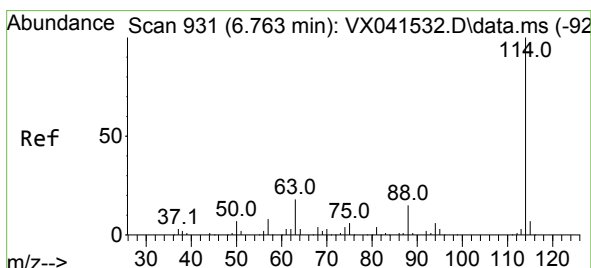
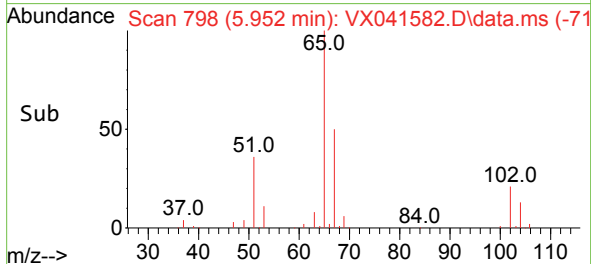
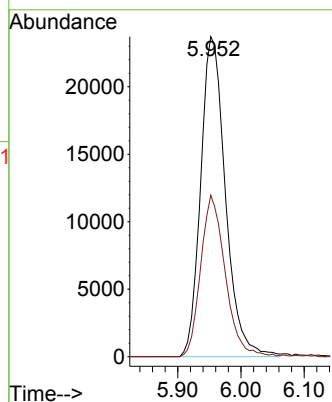
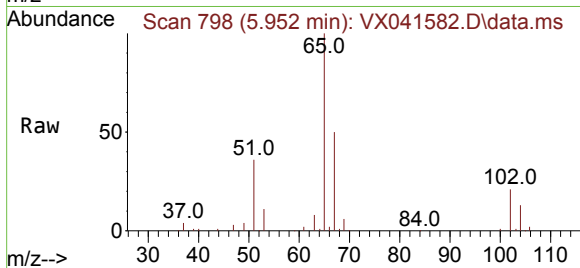
240516002-05-TRIP-BLANK

Tgt Ion: 65 Resp: 64634

Ion Ratio Lower Upper

65 100

67 49.8 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041582.D

Acq: 21 May 2024 12:29

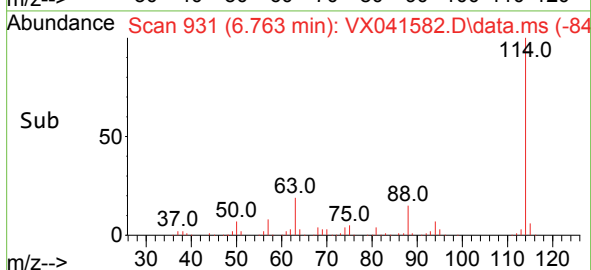
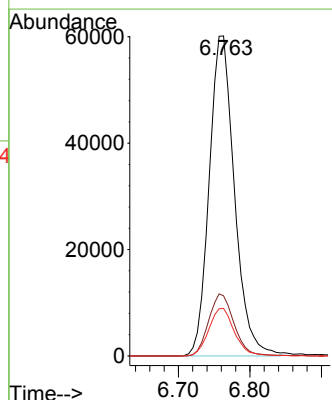
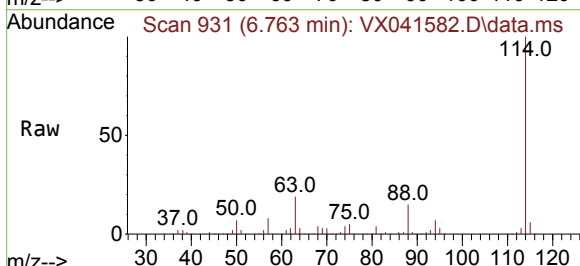
Tgt Ion: 114 Resp: 147657

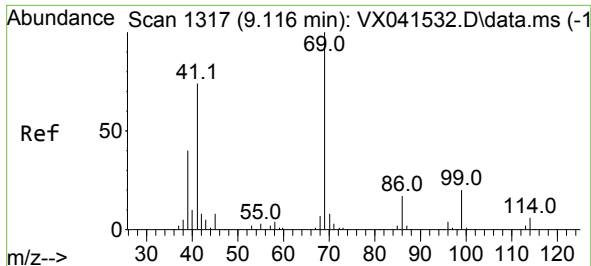
Ion Ratio Lower Upper

114 100

63 19.4 15.4 23.0

88 15.1 12.2 18.2





#51

Ethyl methacrylate

Concen: 0.209 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.463 min

Lab File: VX041582.D

Acq: 21 May 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

240516002-05-TRIP-BLANK

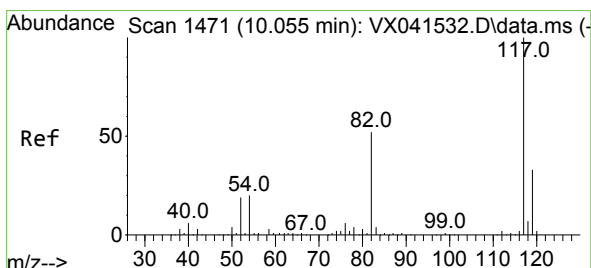
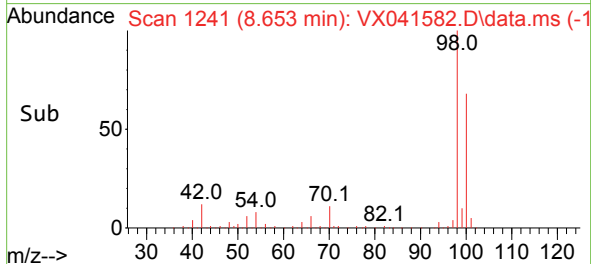
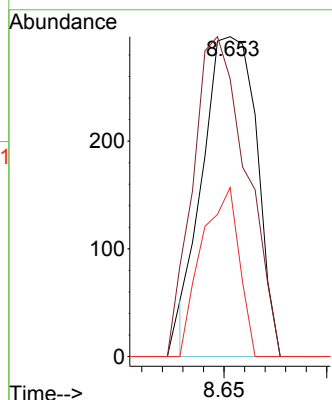
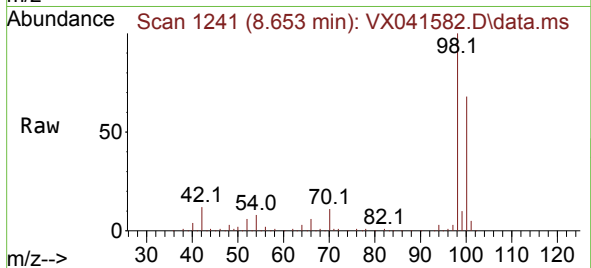
Tgt Ion: 69 Resp: 537

Ion Ratio Lower Upper

69 100

41 86.9 37.1 111.3

39 52.9 20.2 60.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041582.D

Acq: 21 May 2024 12:29

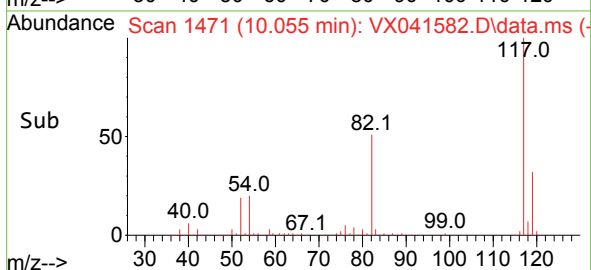
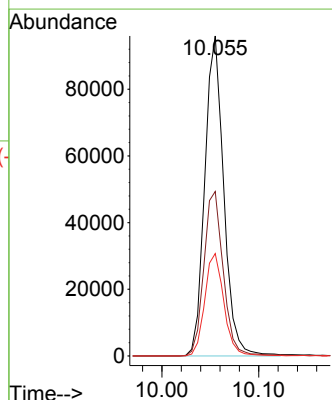
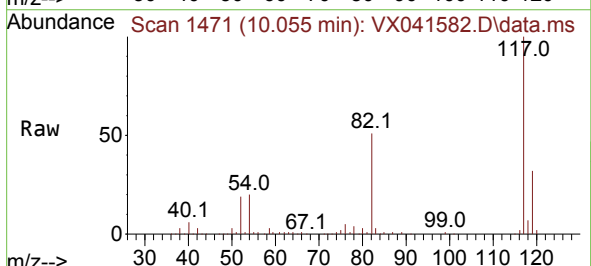
Tgt Ion: 117 Resp: 131285

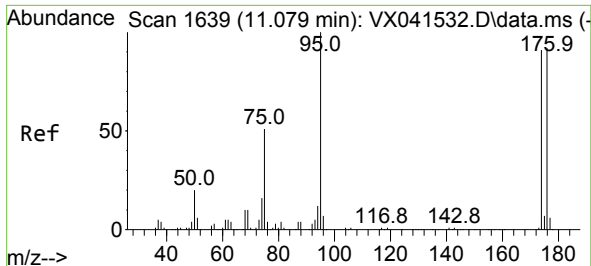
Ion Ratio Lower Upper

117 100

82 52.7 41.7 62.5

119 32.4 25.7 38.5

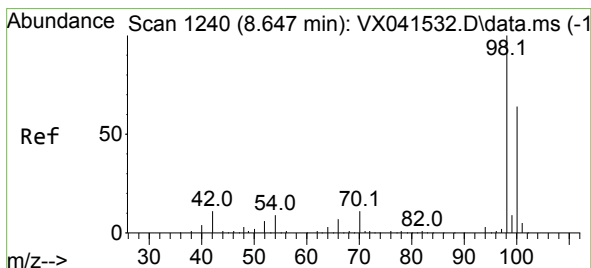
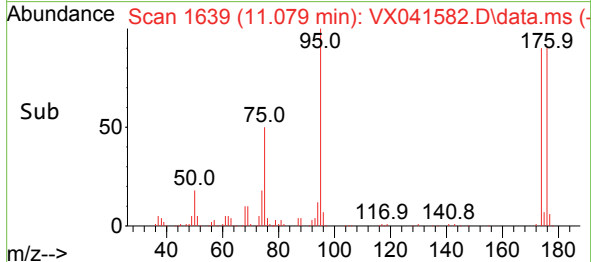
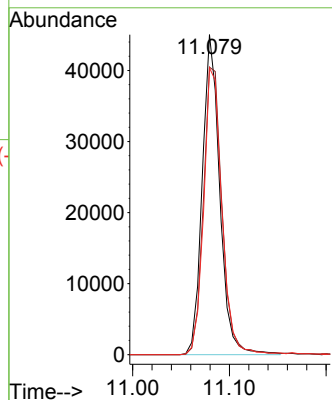
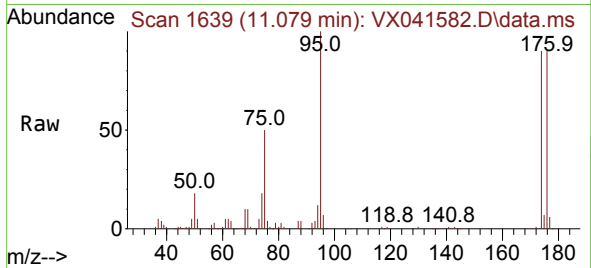




#60
4-Bromofluorobenzene
Concen: 27.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041582.D
Acq: 21 May 2024 12:29

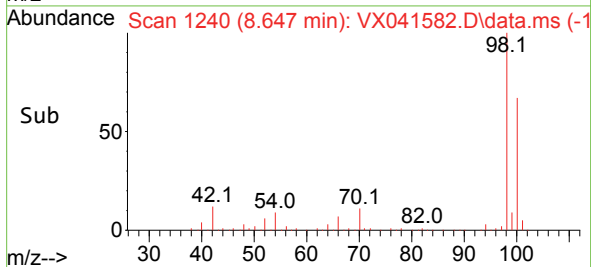
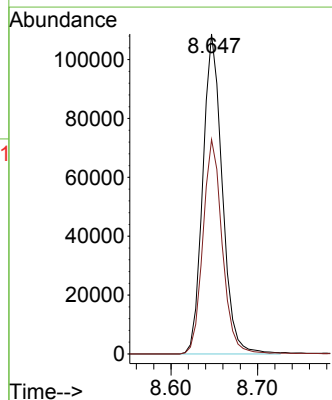
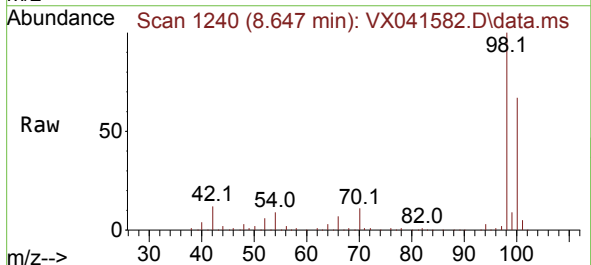
Instrument :
MSVOA_X
ClientSampleId :
240516002-05-TRIP-BLANK

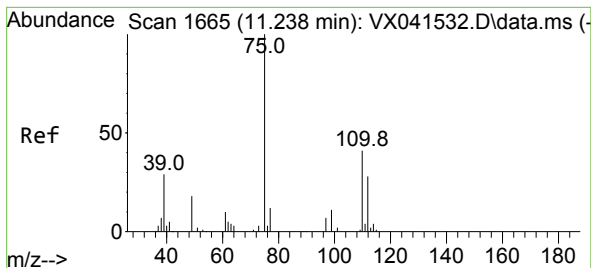
Tgt Ion: 95 Resp: 56698
Ion Ratio Lower Upper
95 100
174 96.5 76.6 115.0
176 93.2 75.4 113.0



#63
Toluene-d8
Concen: 30.106 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041582.D
Acq: 21 May 2024 12:29

Tgt Ion: 98 Resp: 169429
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7





#72

1,2,3-Trichloropropane

Concen: 12.734 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041582.D

Acq: 21 May 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

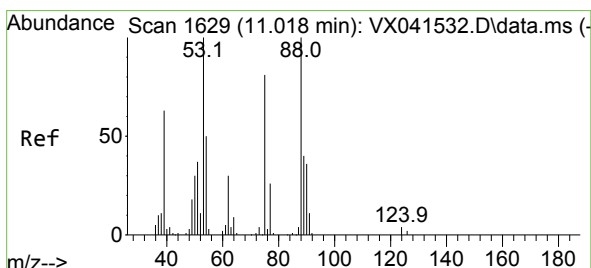
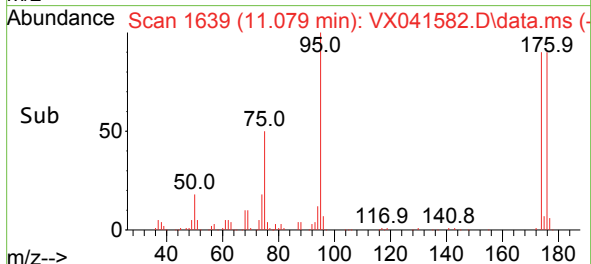
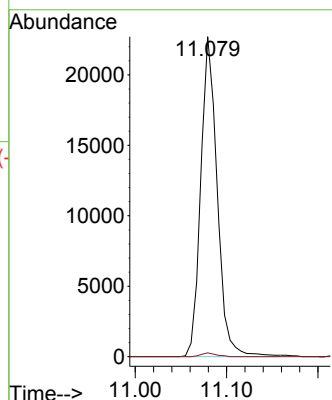
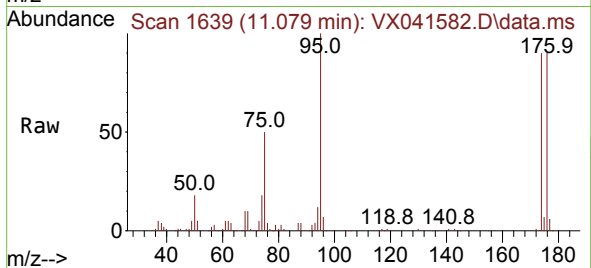
240516002-05-TRIP-BLANK

Tgt Ion: 75 Resp: 28463

Ion Ratio Lower Upper

75 100

77 1.1 0.0 78.8



#77

t-1,4-Dichloro-2-butene

Concen: 40.513 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041582.D

Acq: 21 May 2024 12:29

Tgt Ion: 75 Resp: 28463

Ion Ratio Lower Upper

75 100

53 0.0 61.8 185.3#

89 0.0 24.9 74.7#

