

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039571.D
 Acq On : 02 Jan 2024 14:45
 Operator : JC/MD
 Sample : 06046-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:13:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

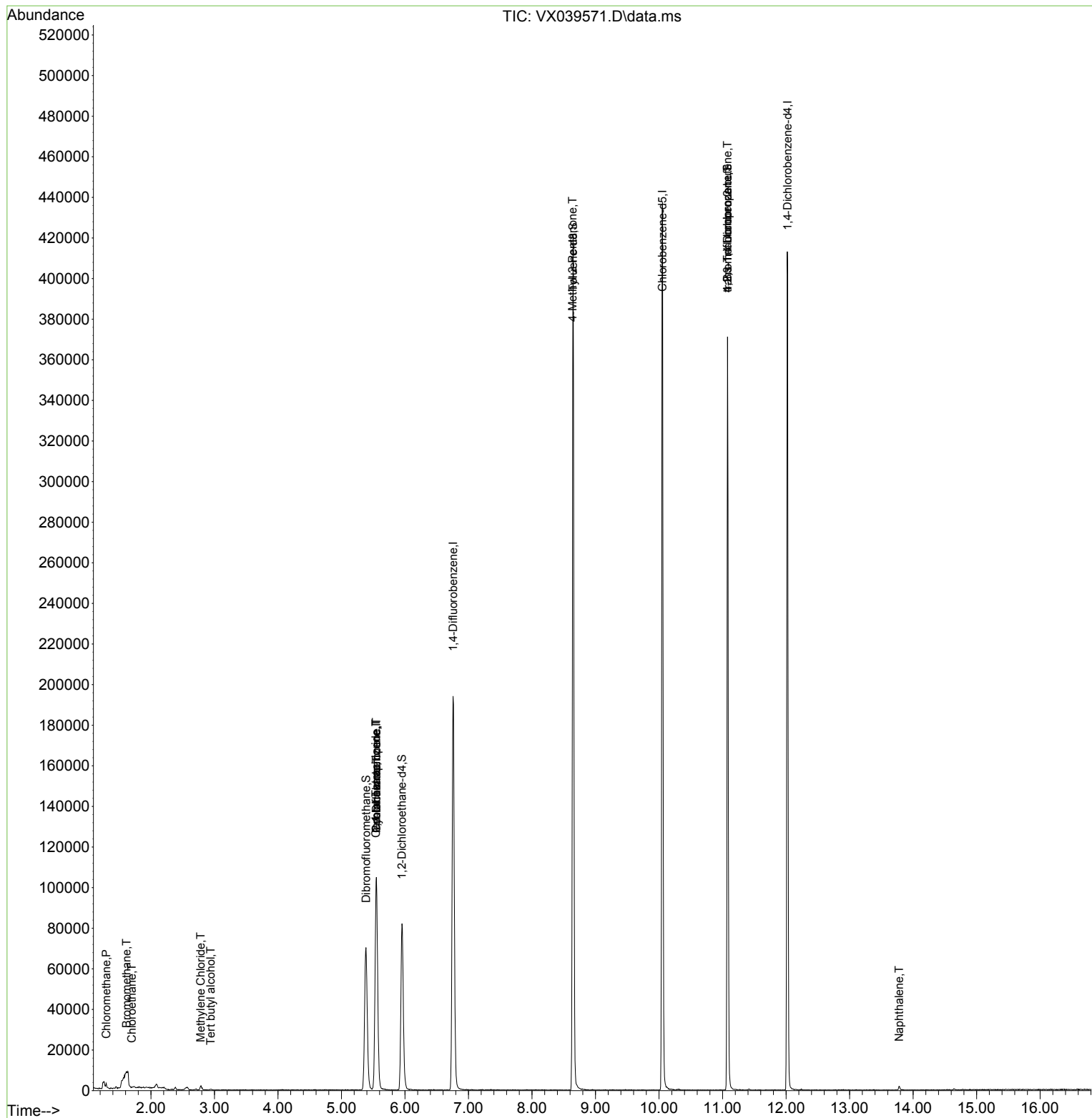
Internal Standards						
1) Pentafluorobenzene	5.550	168	91366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78309	46.786	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.580%
35) Dibromofluoromethane	5.385	113	62666	47.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	8.647	98	243381	49.182	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.079	95	100312	49.130	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1363	0.958	ug/l	91
5) Bromomethane	1.618	94	306	0.402	ug/l #	37
6) Chloroethane	1.697	64	171	0.214	ug/l #	43
11) Tert butyl alcohol	2.941	59	262	0.623	ug/l #	78
16) Acetone	2.386	43	1179	Below Cal	#	84
20) Methylene Chloride	2.782	84	980	0.702	ug/l	85
31) Cyclohexane	5.550	56	2644	1.223	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	8711	4.141	ug/l #	50
38) Carbon Tetrachloride	5.544	117	10309	5.136	ug/l #	13
51) 4-Methyl-2-Pentanone	8.641	43	1193	0.443	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54480	25.858	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54480	72.945	ug/l #	5
95) Naphthalene	13.780	128	1932	0.324	ug/l #	94

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

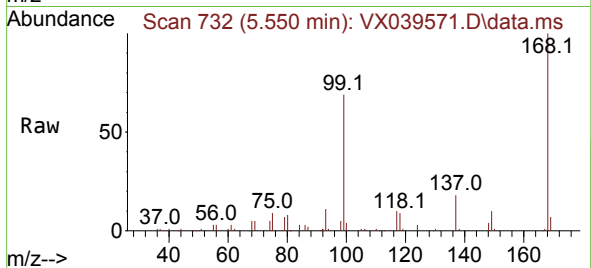
Quant Time: Jan 03 04:13:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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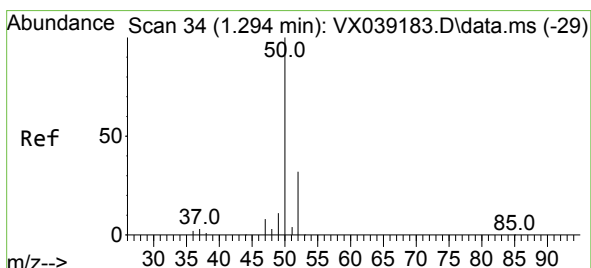
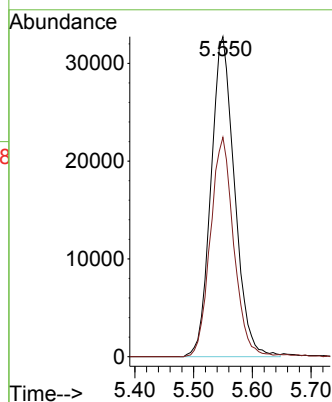
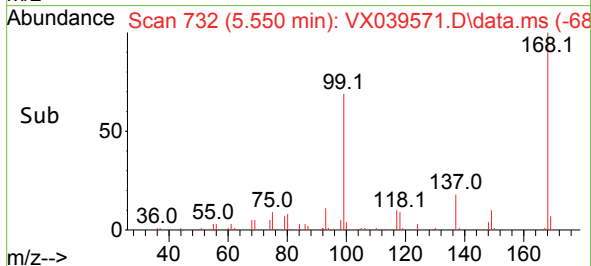


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :

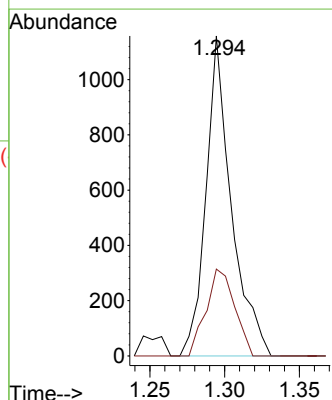
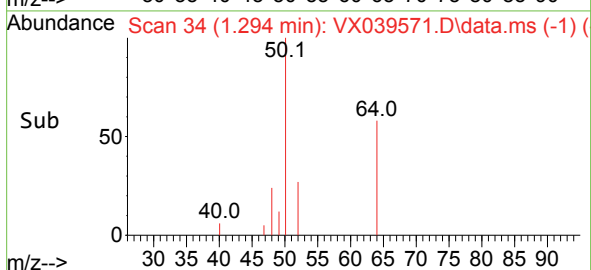
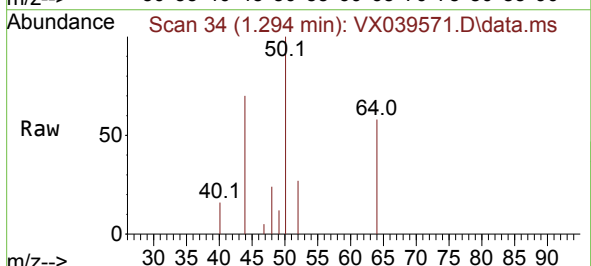


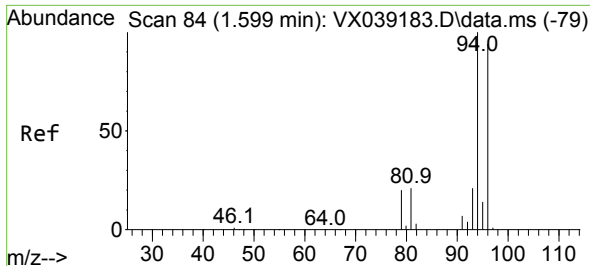
Tgt Ion:168 Resp: 91366
Ion Ratio Lower Upper
168 100
99 68.6 56.6 85.0



#3
Chloromethane
Concen: 0.958 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

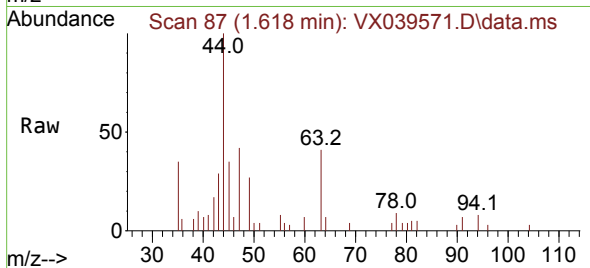
Tgt Ion: 50 Resp: 1363
Ion Ratio Lower Upper
50 100
52 27.1 25.5 38.3



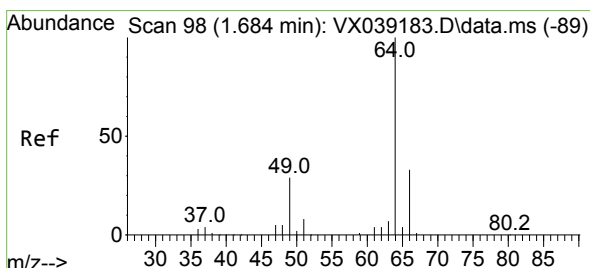
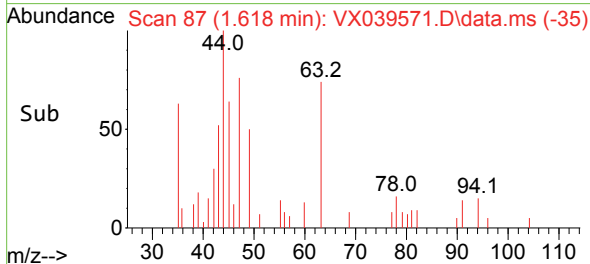
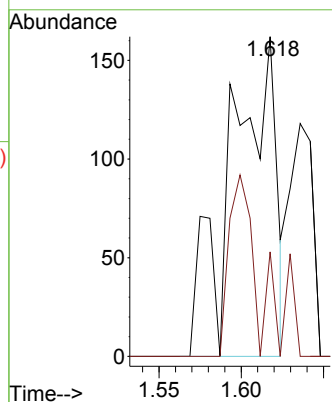


#5
Bromomethane
Concen: 0.402 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :

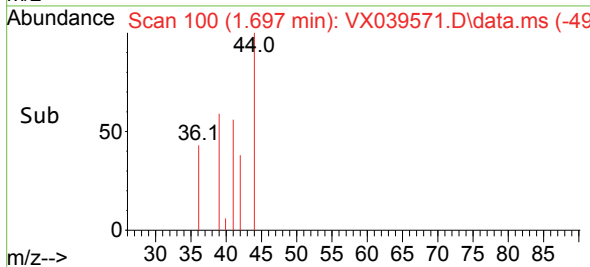
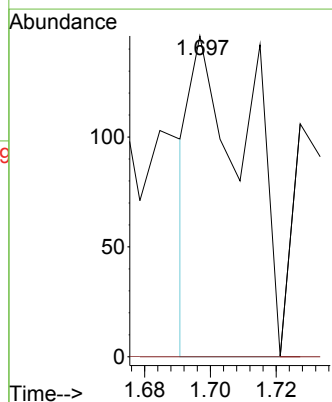
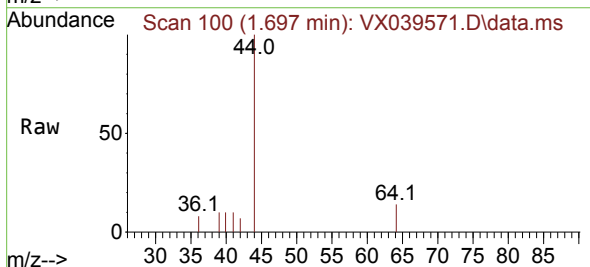


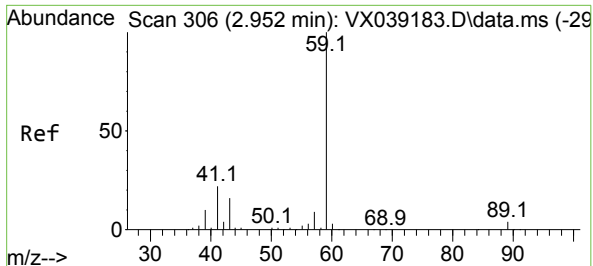
Tgt Ion: 94 Resp: 306
Ion Ratio Lower Upper
94 100
96 32.7 74.6 111.8#



#6
Chloroethane
Concen: 0.214 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

Tgt Ion: 64 Resp: 171
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.623 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

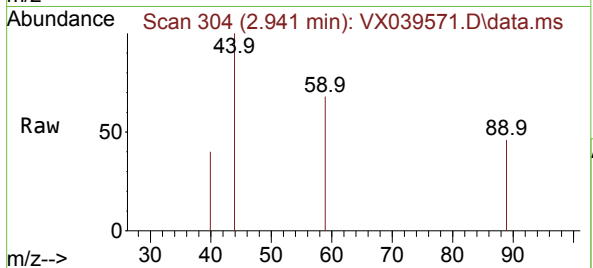
Lab File: VX039571.D

Acq: 02 Jan 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

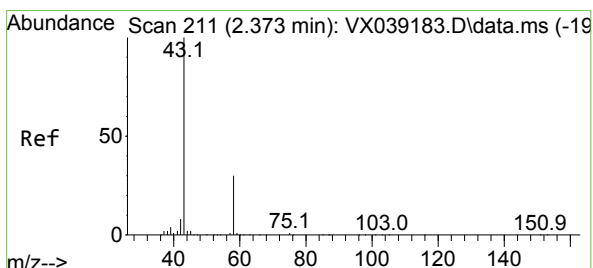
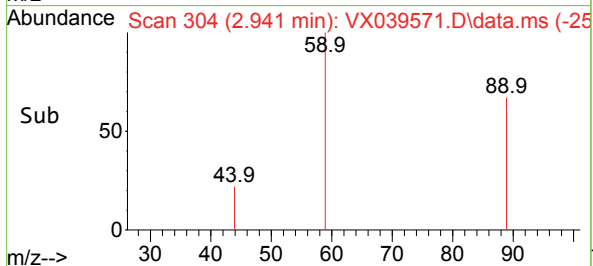
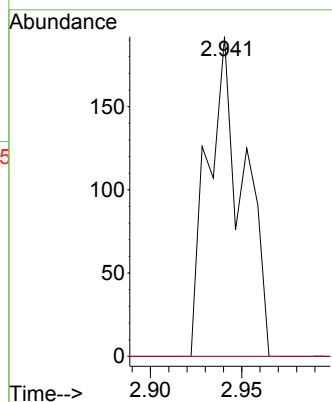


Tgt Ion: 59 Resp: 262

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. 0.013 min

Lab File: VX039571.D

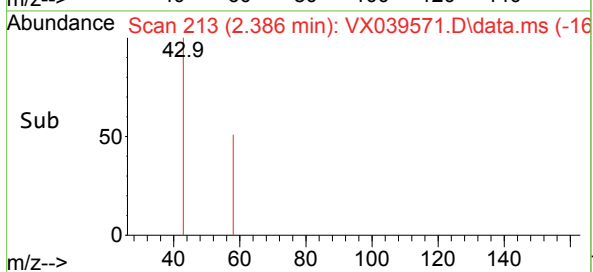
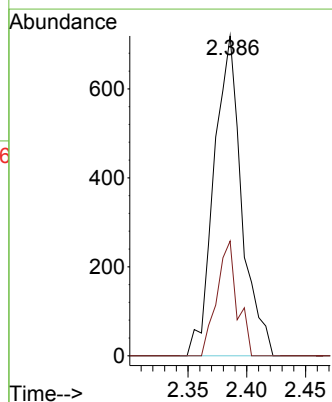
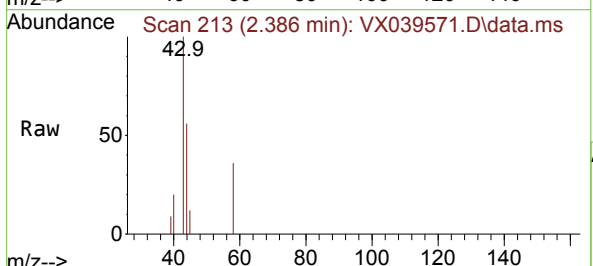
Acq: 02 Jan 2024 14:45

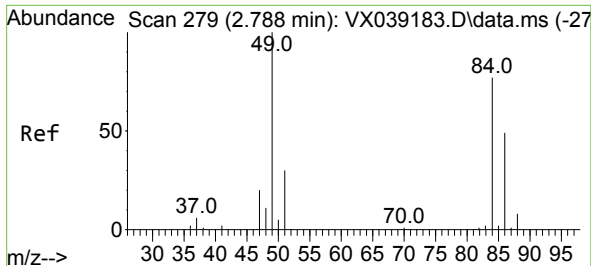
Tgt Ion: 43 Resp: 1179

Ion Ratio Lower Upper

43 100

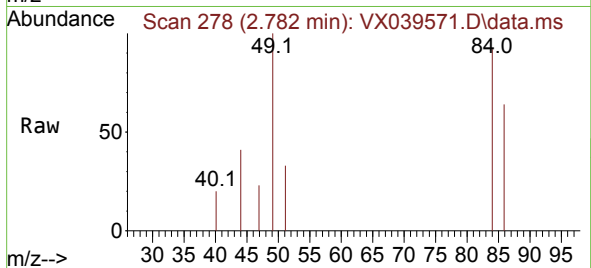
58 35.9 21.9 32.9#



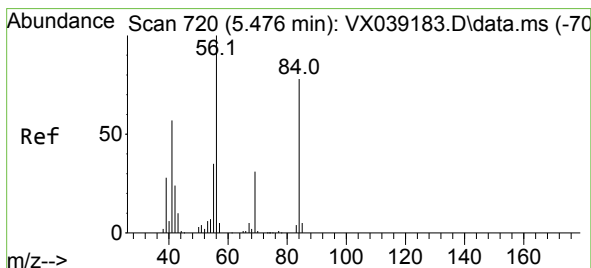
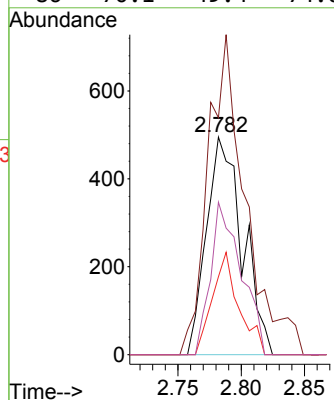


#20
Methylene Chloride
Concen: 0.702 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :

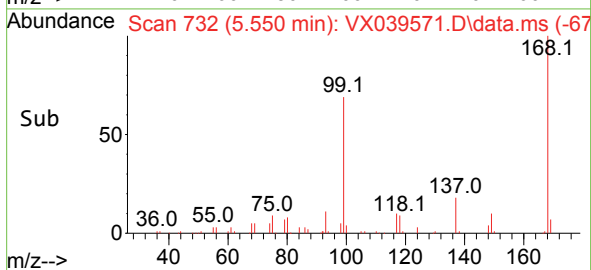
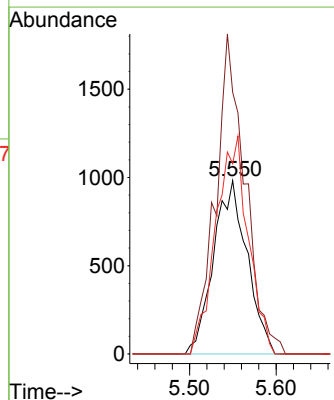
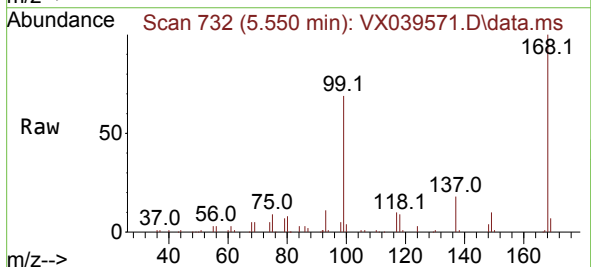


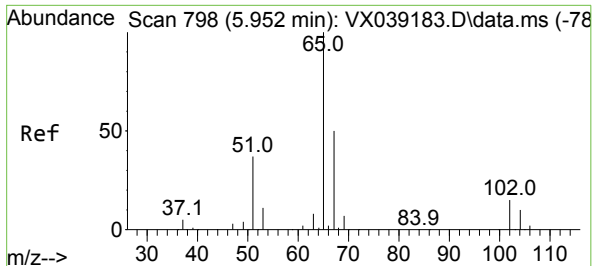
Tgt Ion: 84	Resp: 980
Ion Ratio	Lower Upper
84 100	
49 108.9	103.6 155.4
51 35.8	33.8 50.6
86 70.1	49.4 74.0



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

Tgt Ion: 56	Resp: 2644
Ion Ratio	Lower Upper
56 100	
69 150.9	23.4 35.2#
84 109.8	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.786 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.000 min

Lab File: VX039571.D

Acq: 02 Jan 2024 14:45

Instrument :

MSVOA_X

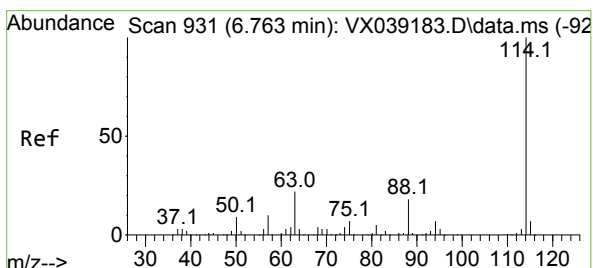
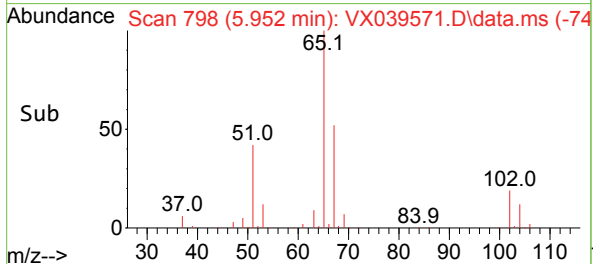
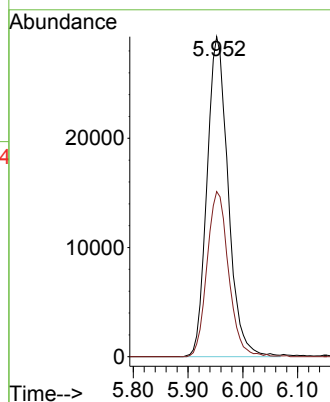
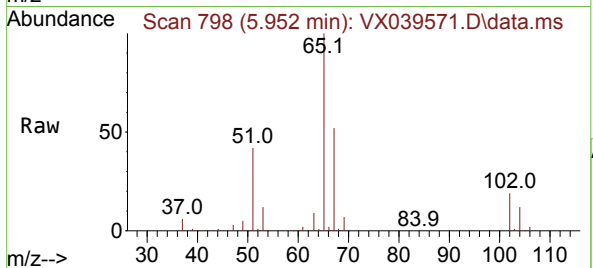
ClientSampleId :

Tgt Ion: 65 Resp: 78309

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039571.D

Acq: 02 Jan 2024 14:45

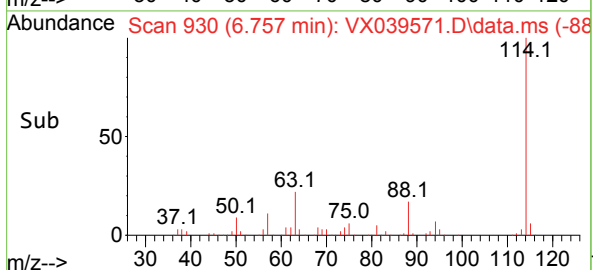
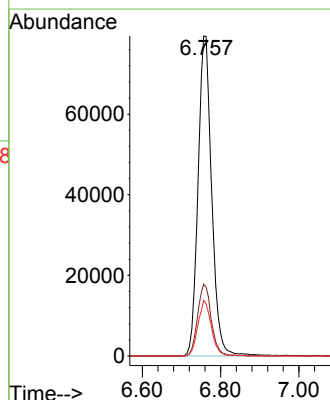
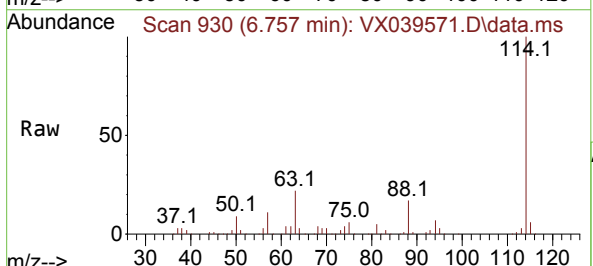
Tgt Ion: 114 Resp: 192941

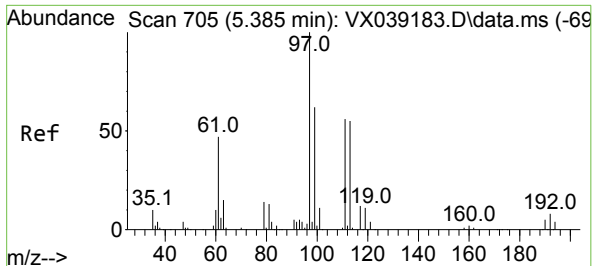
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 17.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.014 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

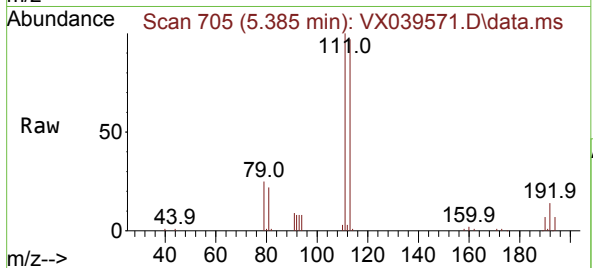
Lab File: VX039571.D

Acq: 02 Jan 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :



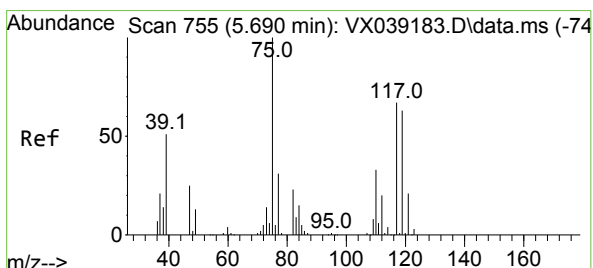
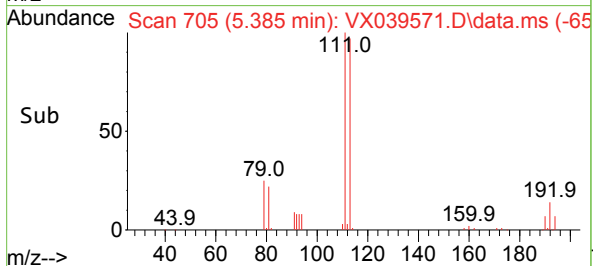
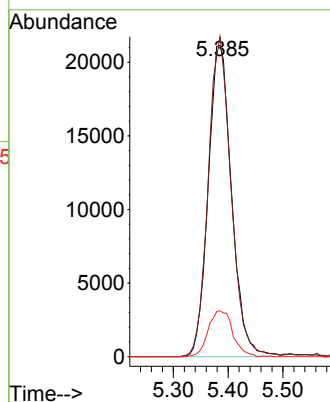
Tgt Ion:113 Resp: 62666

Ion Ratio Lower Upper

113 100

111 100.7 82.9 124.3

192 15.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.141 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX039571.D

Acq: 02 Jan 2024 14:45

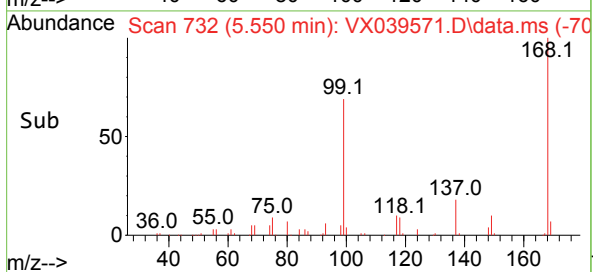
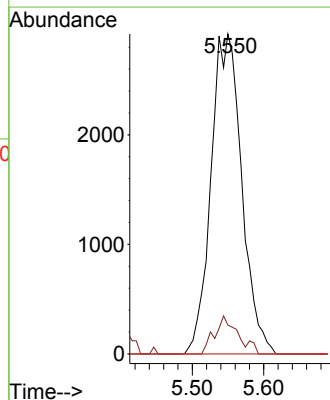
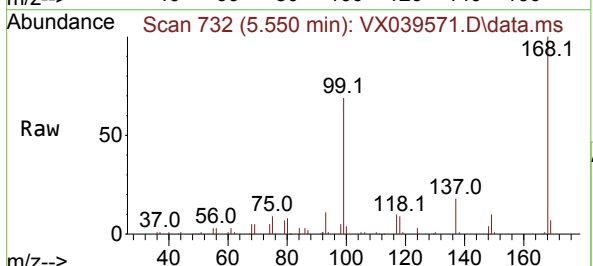
Tgt Ion: 75 Resp: 8711

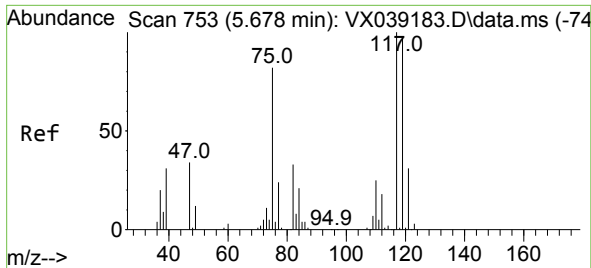
Ion Ratio Lower Upper

75 100

110 9.0 17.0 50.9#

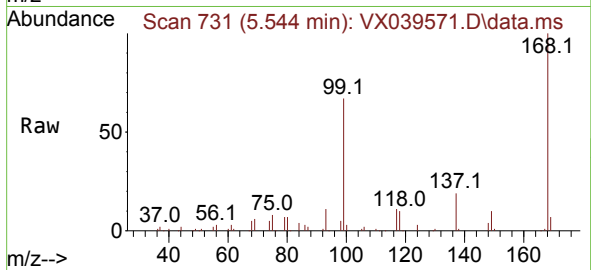
77 0.0 24.7 37.1#



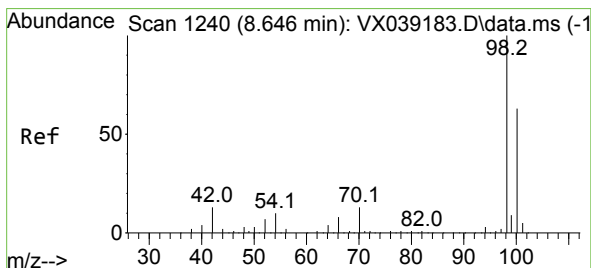
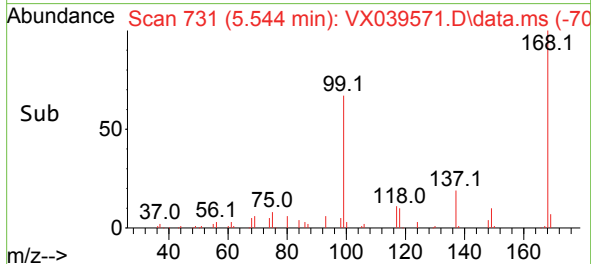
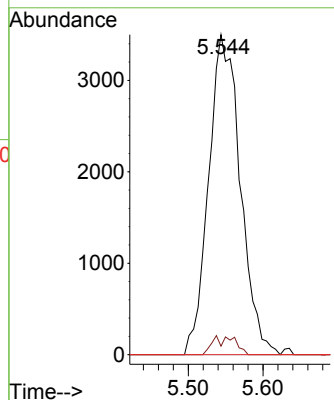


#38
Carbon Tetrachloride
Concen: 5.136 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :

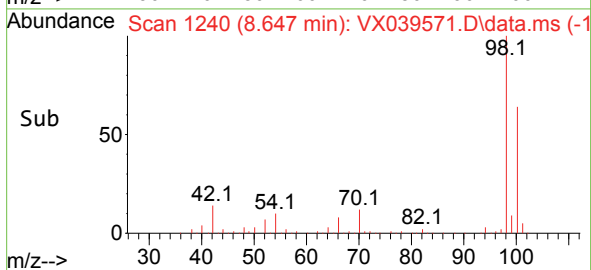
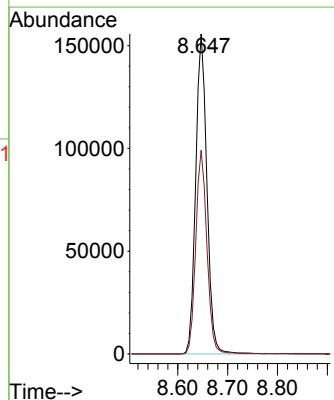
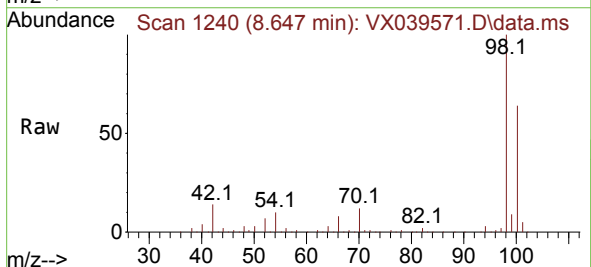


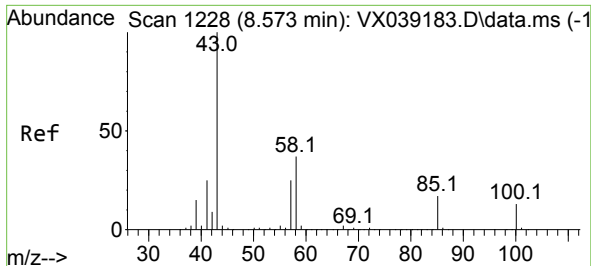
Tgt Ion:117 Resp: 10309
Ion Ratio Lower Upper
117 100
119 2.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.182 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

Tgt Ion: 98 Resp: 243381
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

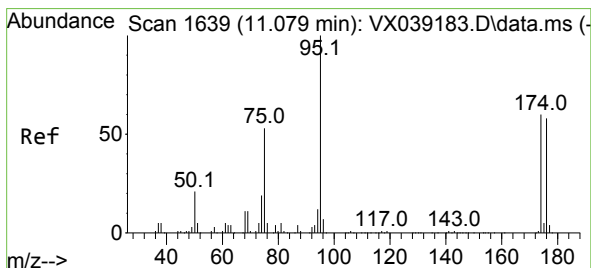
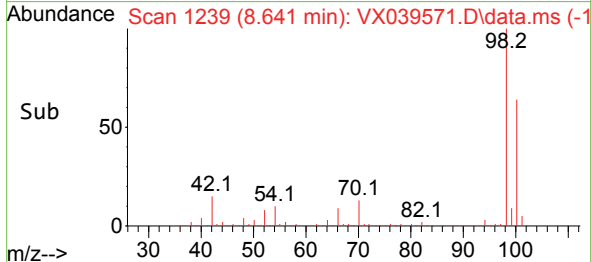
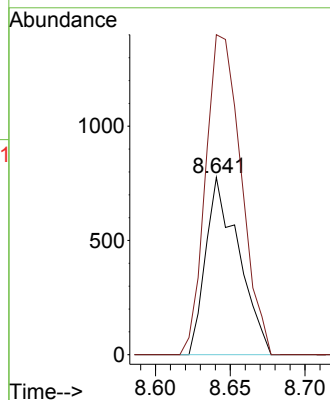
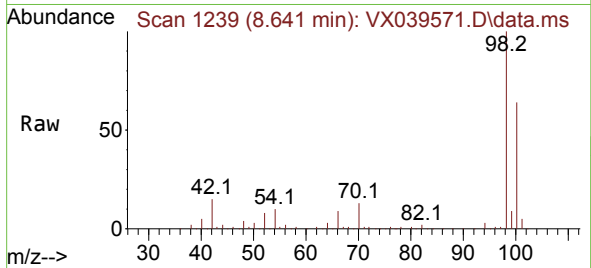




#51
4-Methyl-2-Pentanone
Concen: 0.443 ug/l
RT: 8.641 min Scan# 1193
Delta R.T. 0.067 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

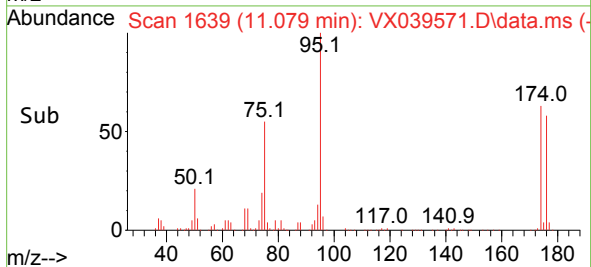
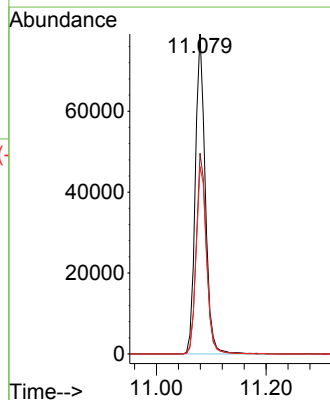
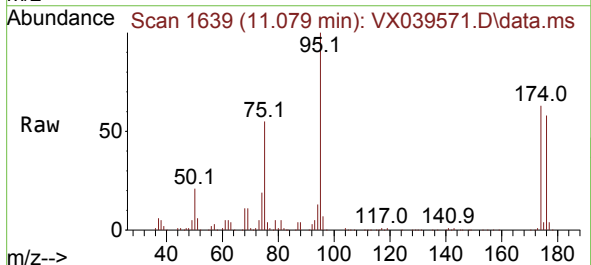
Instrument :
MSVOA_X
ClientSampleId :

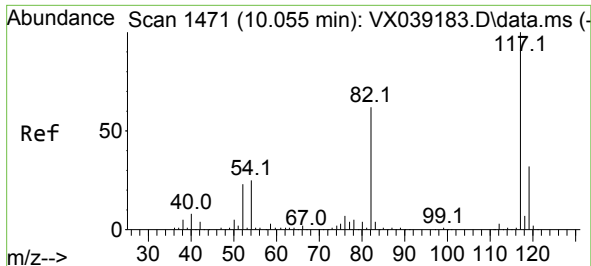
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 194.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

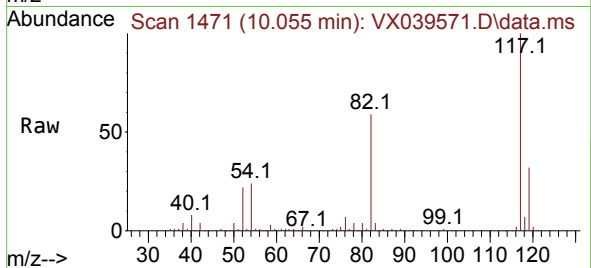
Tgt Ion: 95 Resp: 100312
Ion Ratio Lower Upper
95 100
174 64.1 0.0 135.6
176 61.3 0.0 131.0



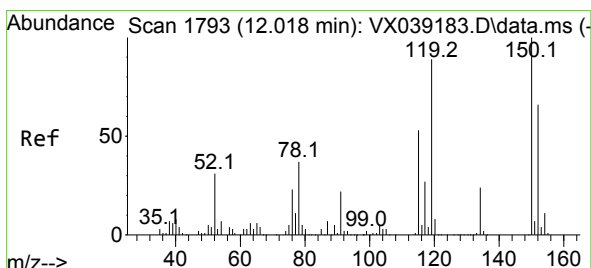
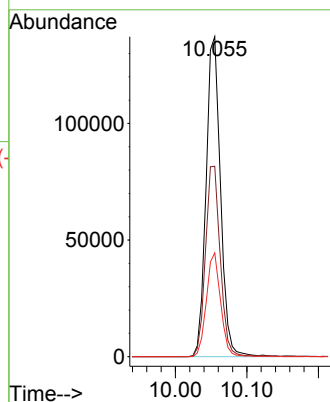
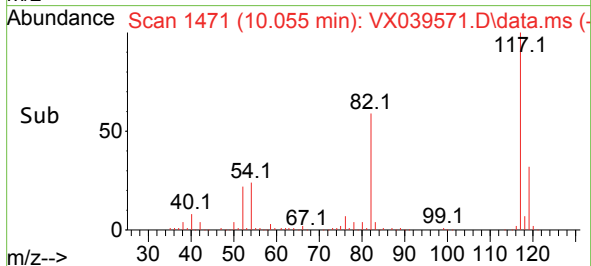


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

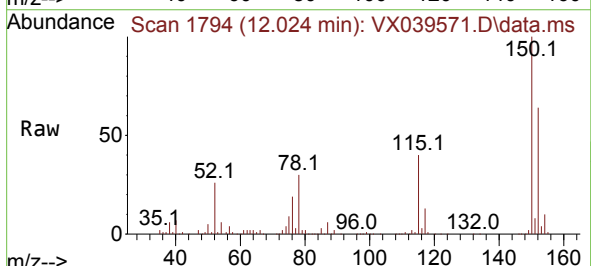
Instrument :
MSVOA_X
ClientSampleId :



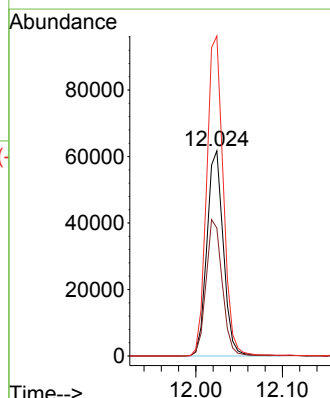
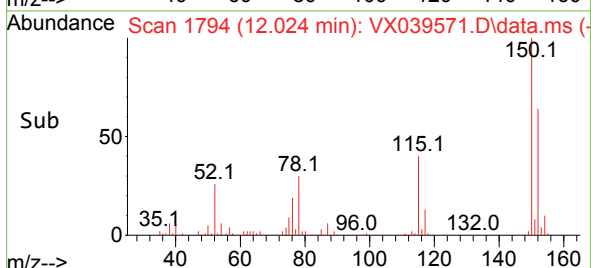
Tgt Ion:117 Resp: 192891
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 32.4 25.5 38.3

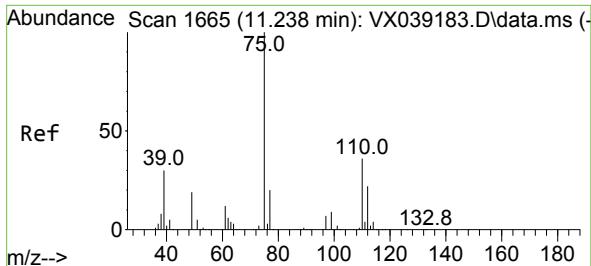


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45



Tgt Ion:152 Resp: 81436
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 158.0 0.0 345.0

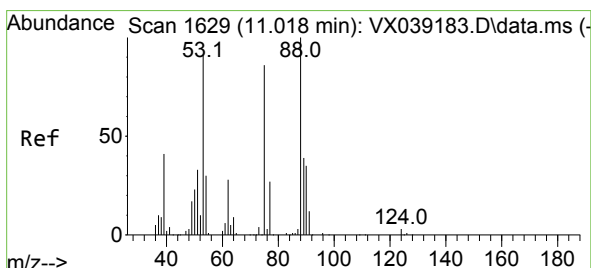
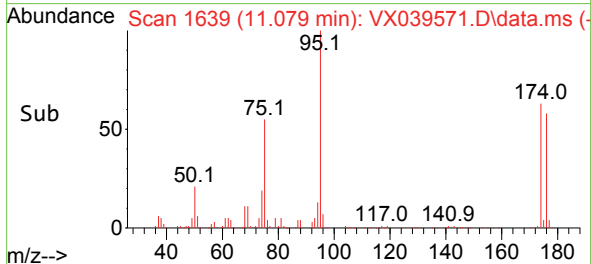
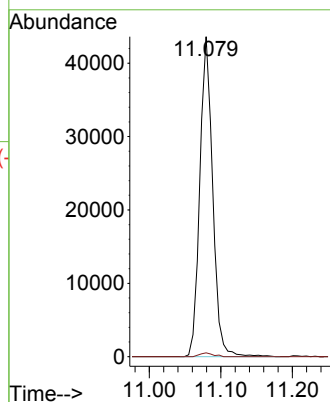
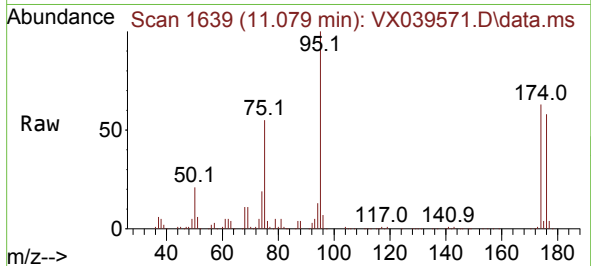




#76
1,2,3-Trichloropropane
Concen: 25.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

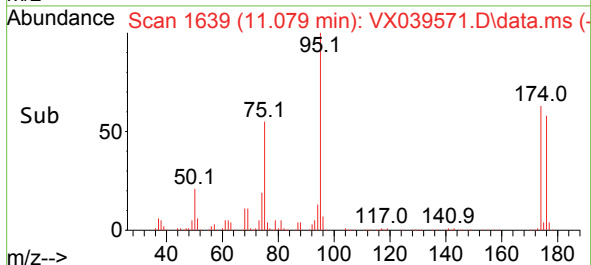
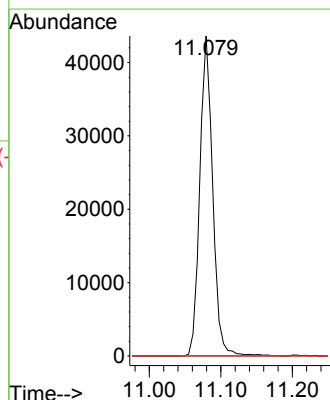
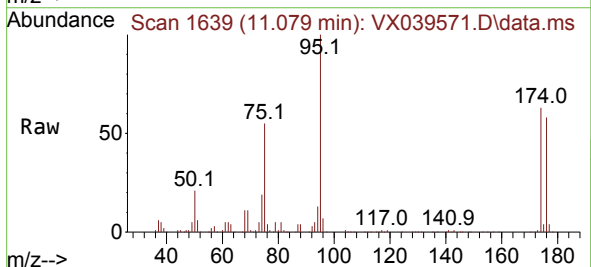
Instrument :
MSVOA_X
ClientSampleId :

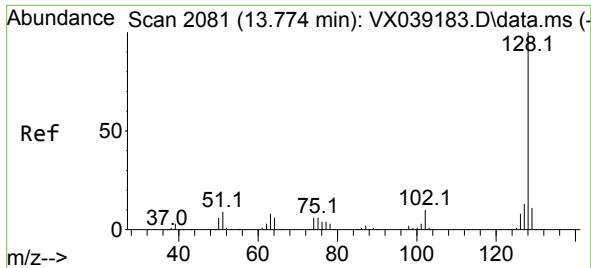
Tgt Ion: 75 Resp: 54480
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039571.D
Acq: 02 Jan 2024 14:45

Tgt Ion: 75 Resp: 54480
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.324 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

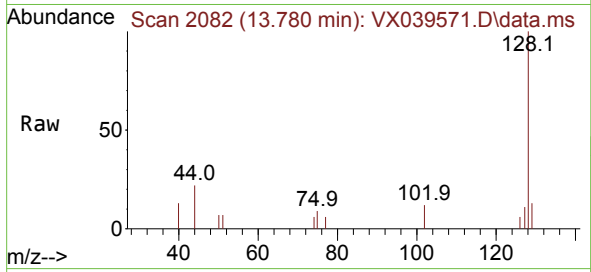
Lab File: VX039571.D

Acq: 02 Jan 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1932

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 6.8 8.8 13.2#

