

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039597.D
 Acq On : 03 Jan 2024 13:20
 Operator : JC/MD
 Sample : P1002-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 03:30:46 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

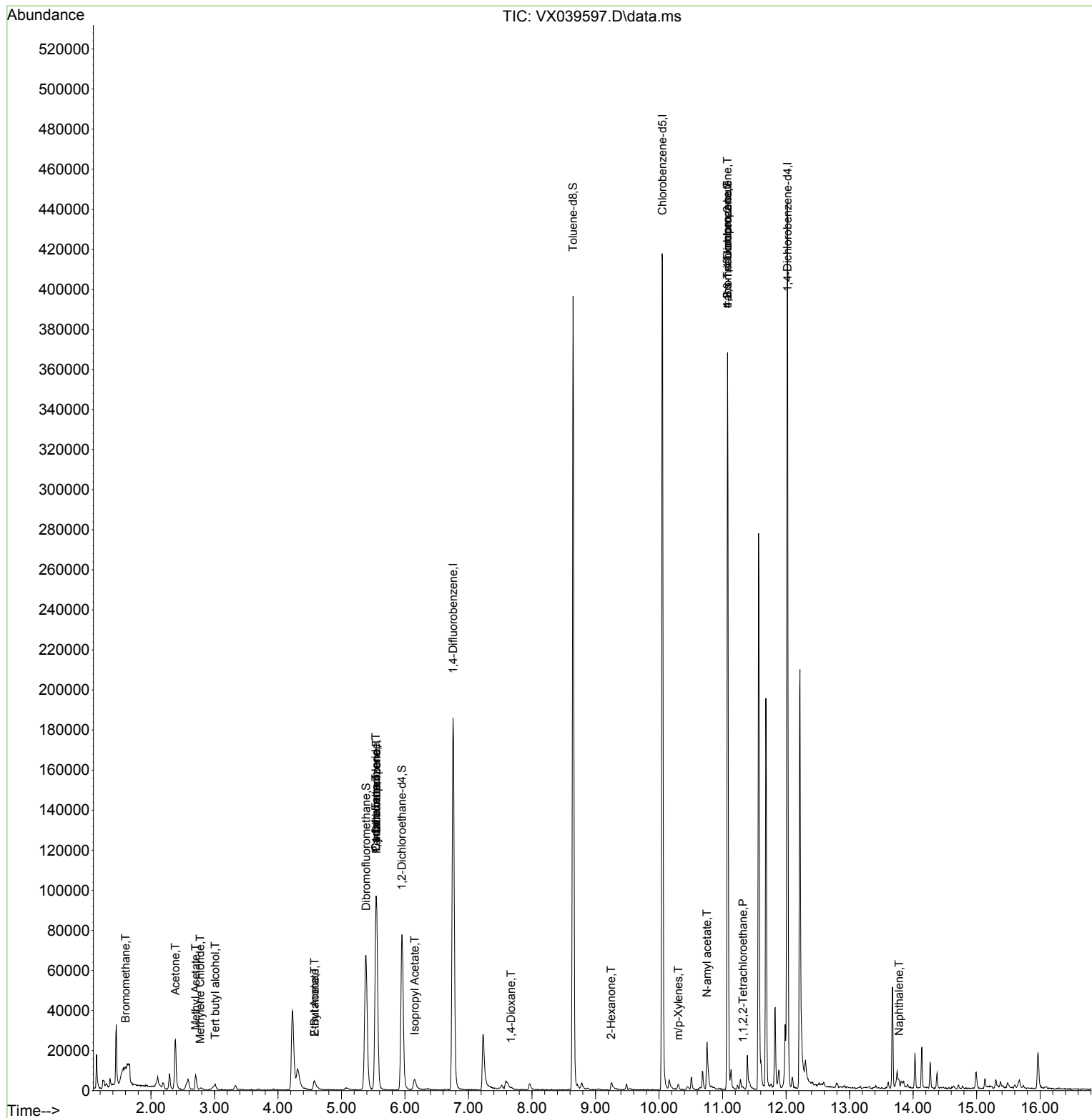
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	87520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75061	46.816	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.640%
35) Dibromofluoromethane	5.385	113	60506	48.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.647	98	228902	49.011	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	99300	51.531	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.060%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	164	0.225	ug/l #	56
11) Tert butyl alcohol	3.014	59	4890	12.146	ug/l #	86
16) Acetone	2.386	43	27066	6.307	ug/l #	86
18) Methyl Acetate	2.703	43	9611	2.771	ug/l	97
20) Methylene Chloride	2.776	84	425	0.318	ug/l #	71
25) 2-Butanone	4.574	43	10258	7.414	ug/l	96
31) Cyclohexane	5.544	56	2454	1.185	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8040	4.050	ug/l #	49
37) Ethyl Acetate	4.574	43	10258	4.182	ug/l #	69
38) Carbon Tetrachloride	5.544	117	9800	5.173	ug/l #	15
43) Isopropyl Acetate	6.153	43	5987	1.501	ug/l #	62
49) 1,4-Dioxane	7.671	88	172	5.473	ug/l #	1
59) 2-Hexanone	9.244	43	456	0.208	ug/l	64
68) m/p-Xylenes	10.305	106	641	0.234	ug/l	87
74) N-amyl acetate	10.756	43	8087	2.421	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.323	83	1097	0.447	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	54402	24.571	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54402	69.314	ug/l #	5
95) Naphthalene	13.780	128	1446	0.231	ug/l #	93

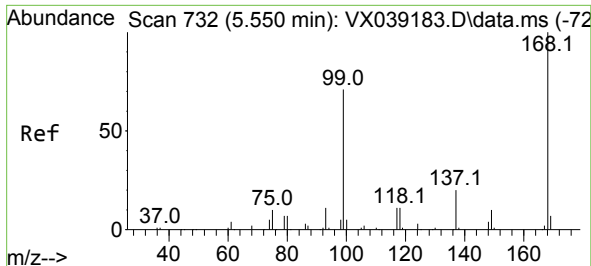
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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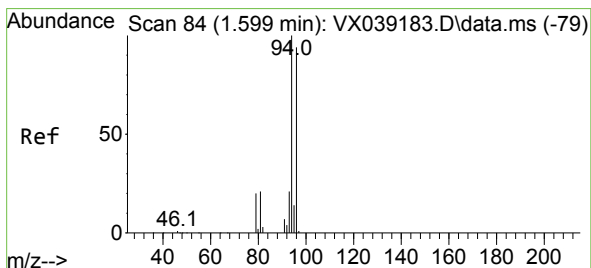
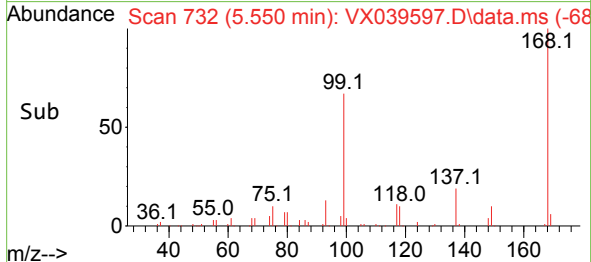
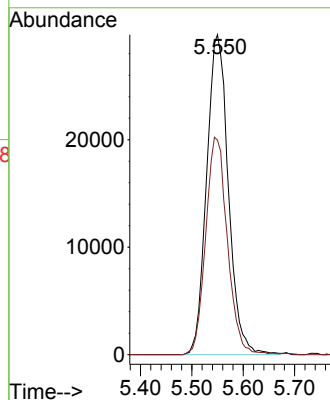
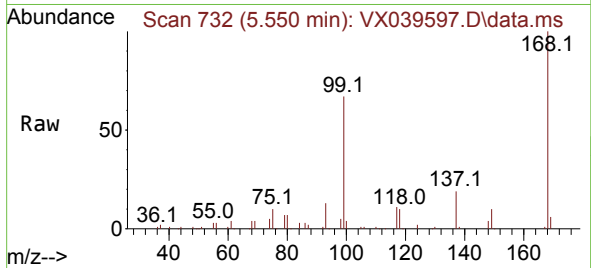




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

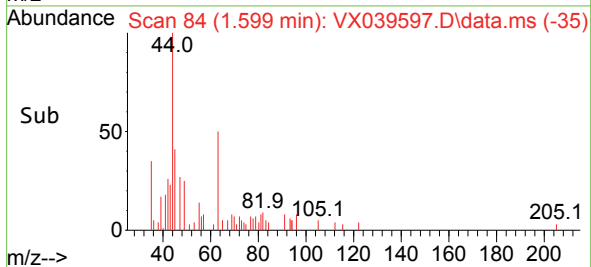
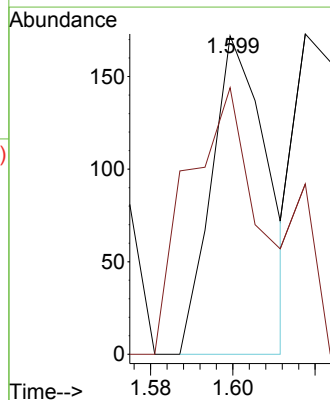
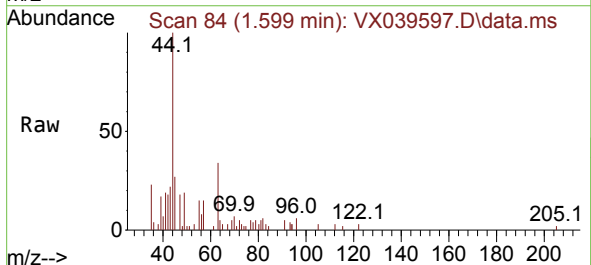
Instrument : MSVOA_X
ClientSampleId :

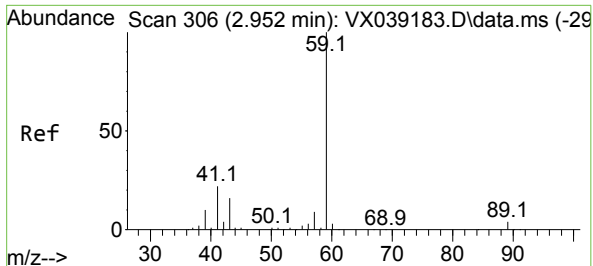
Tgt Ion:168 Resp: 87520
Ion Ratio Lower Upper
168 100
99 67.1 56.6 85.0



#5
Bromomethane
Concen: 0.225 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

Tgt Ion: 94 Resp: 164
Ion Ratio Lower Upper
94 100
96 50.6 74.6 111.8#

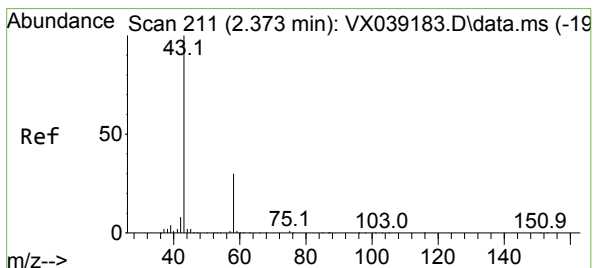
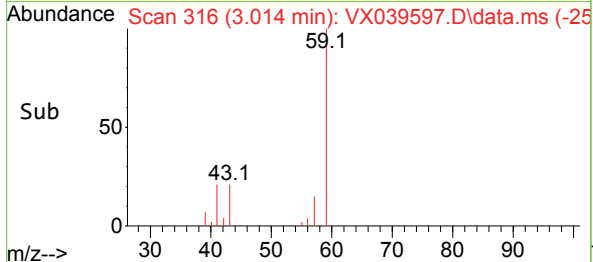
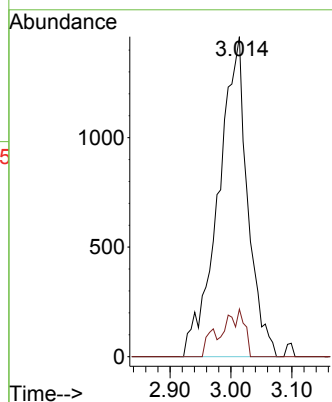
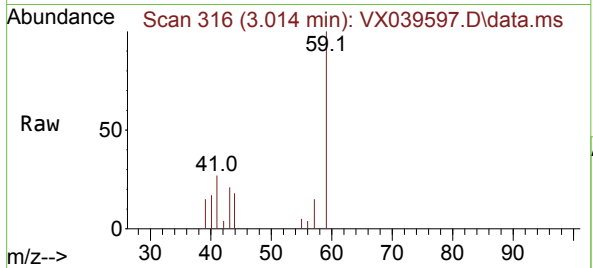




#11
Tert butyl alcohol
Concen: 12.146 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.061 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

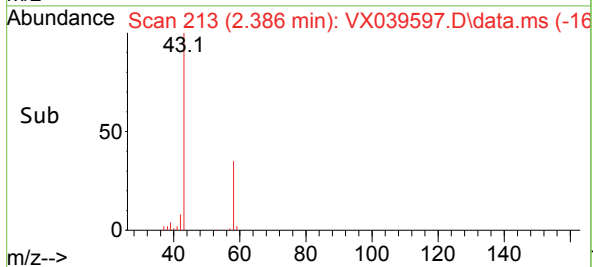
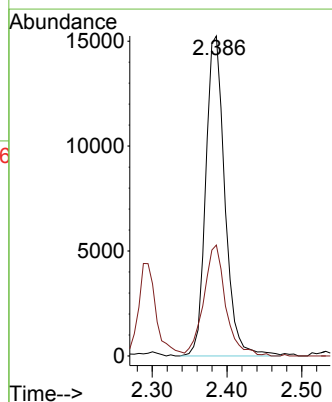
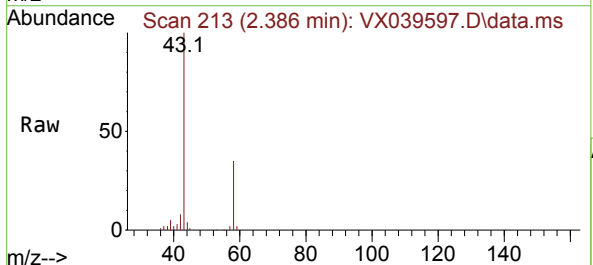
Instrument :
MSVOA_X
ClientSampleId :

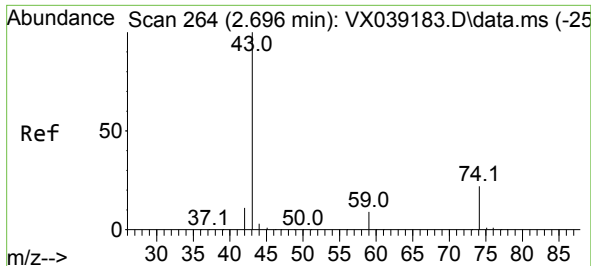
Tgt Ion: 59 Resp: 4890
Ion Ratio Lower Upper
59 100
57 2.6 6.0 9.0#



#16
Acetone
Concen: 6.307 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

Tgt Ion: 43 Resp: 27066
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#

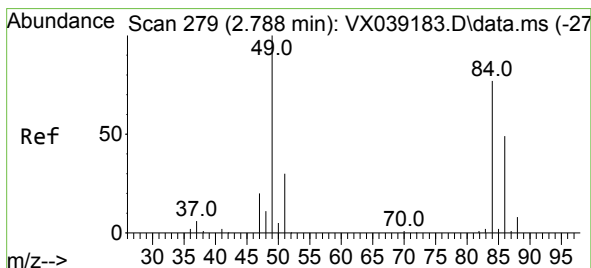
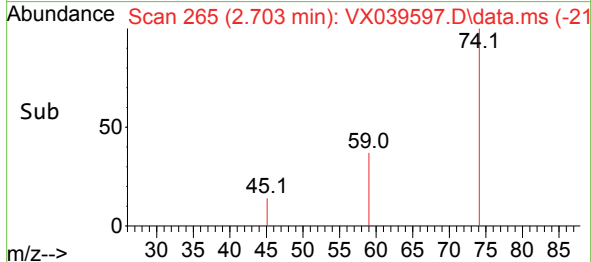
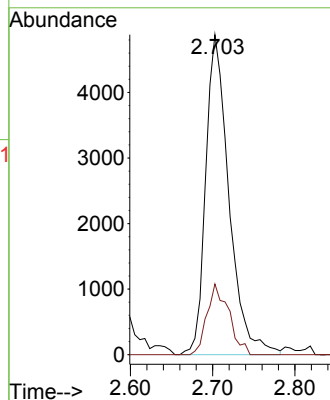
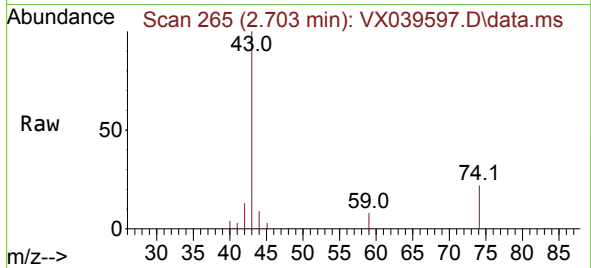




#18
Methyl Acetate
Concen: 2.771 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

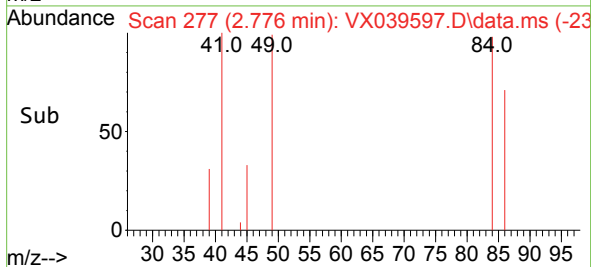
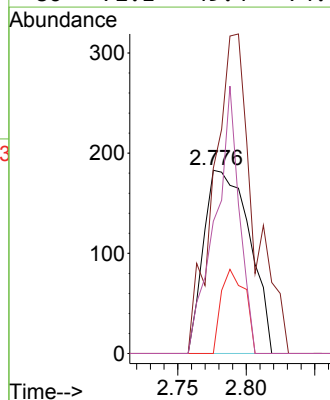
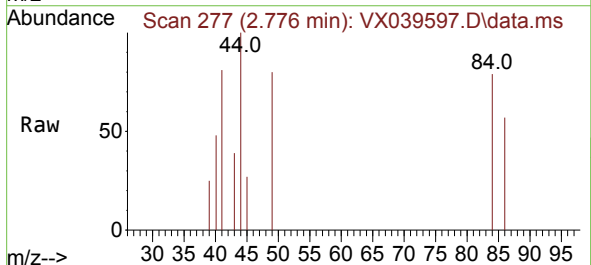
Instrument :
MSVOA_X
ClientSampleId :

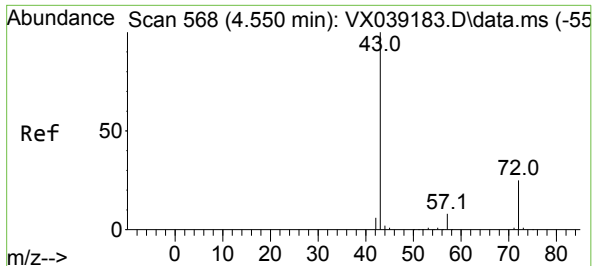
Tgt Ion: 43 Resp: 9611
Ion Ratio Lower Upper
43 100
74 20.7 17.8 26.8



#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

Tgt Ion: 84 Resp: 425
Ion Ratio Lower Upper
84 100
49 101.1 103.6 155.4#
51 0.0 33.8 50.6#
86 72.1 49.4 74.0





#25

2-Butanone

Concen: 7.414 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.025 min

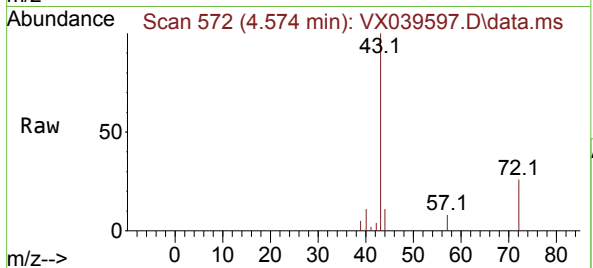
Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

Instrument :

MSVOA_X

ClientSampleId :

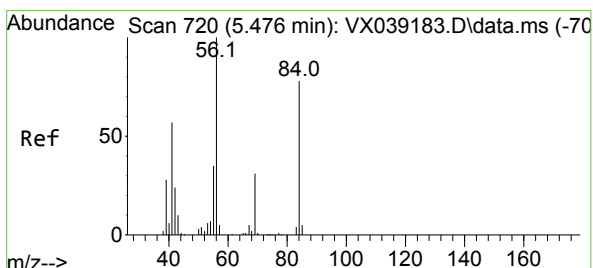
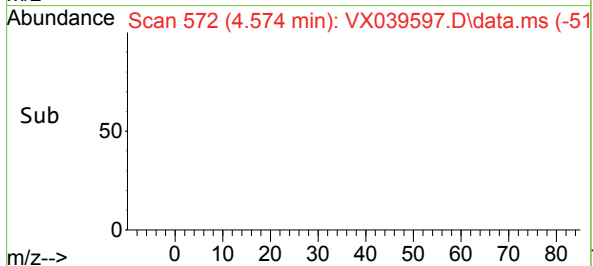
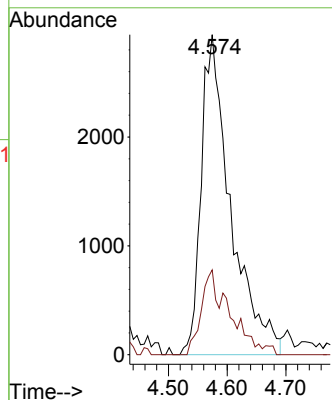


Tgt Ion: 43 Resp: 10258

Ion Ratio Lower Upper

43 100

72 26.5 19.4 29.2



#31

Cyclohexane

Concen: 1.185 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.067 min

Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

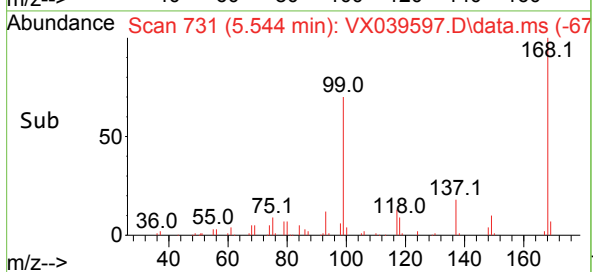
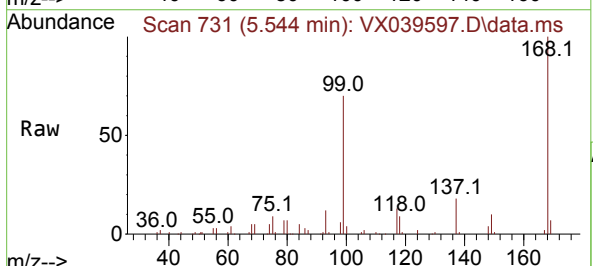
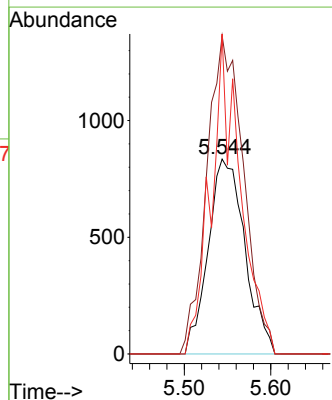
Tgt Ion: 56 Resp: 2454

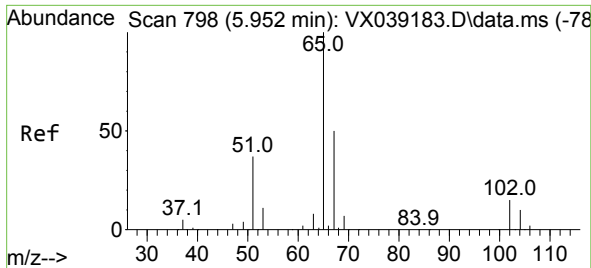
Ion Ratio Lower Upper

56 100

69 163.4 23.4 35.2#

84 164.2 65.9 98.9#

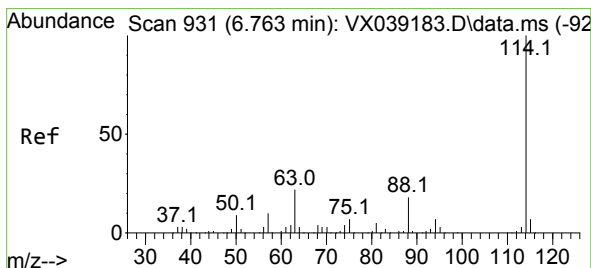
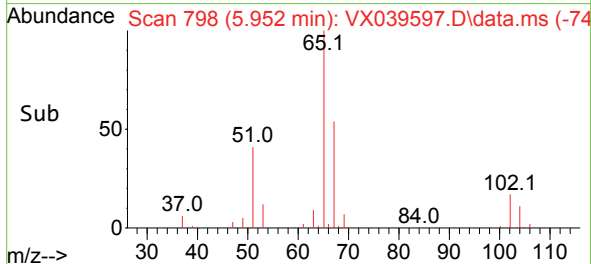
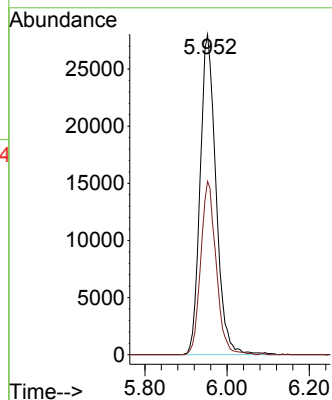
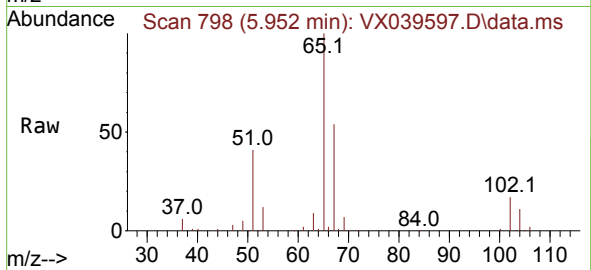




#33
 1,2-Dichloroethane-d4
 Concen: 46.816 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039597.D
 Acq: 03 Jan 2024 13:20

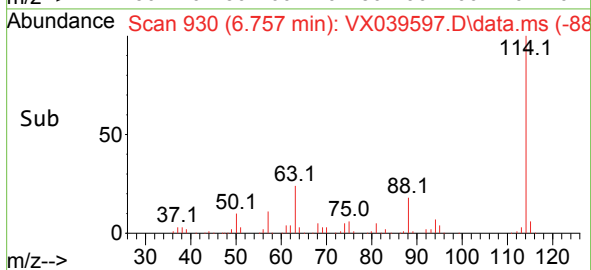
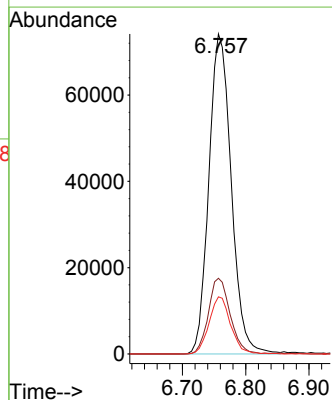
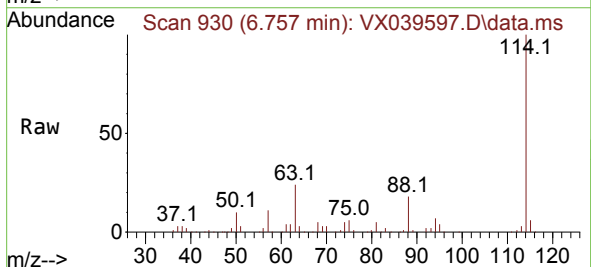
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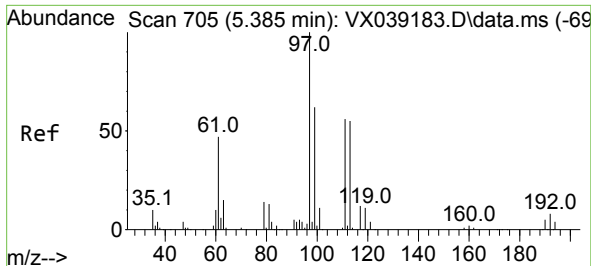
Tgt Ion: 65 Resp: 75061
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039597.D
 Acq: 03 Jan 2024 13:20

Tgt Ion: 114 Resp: 182098
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.0
 88 17.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.096 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

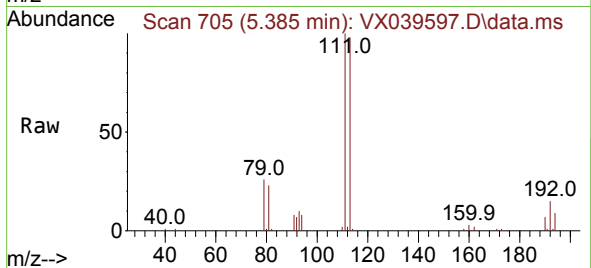
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Acq: 03 Jan 2024 13:20

Instrument :

MSVOA_X

ClientSampleId :



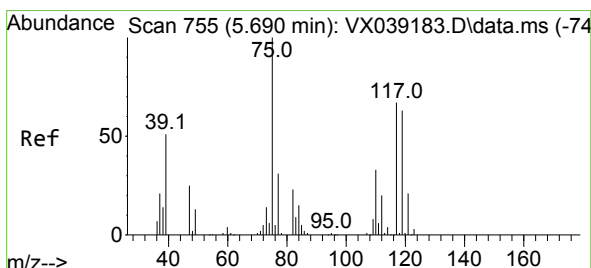
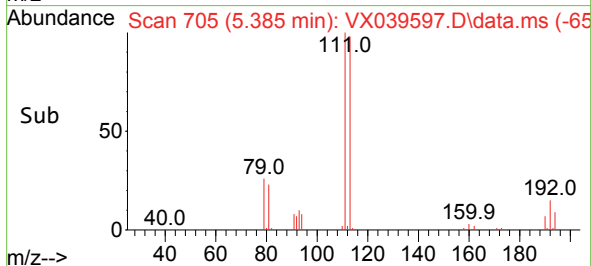
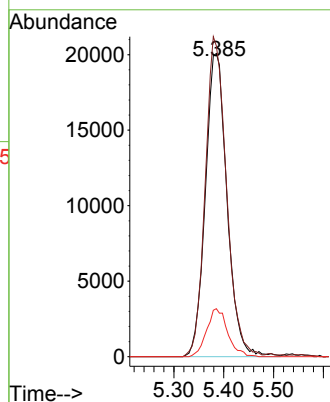
Tgt Ion:113 Resp: 60506

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 15.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.050 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

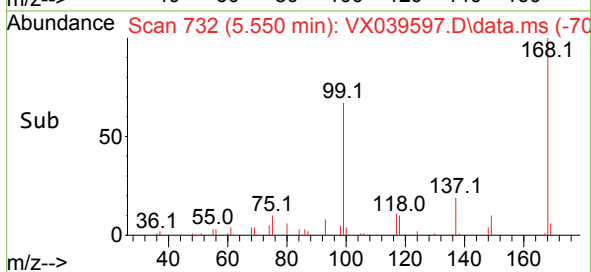
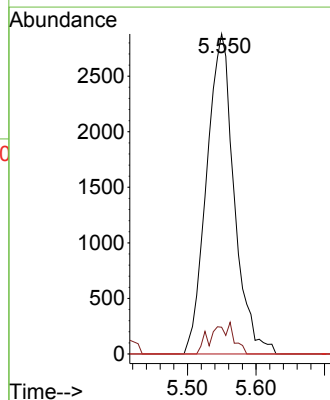
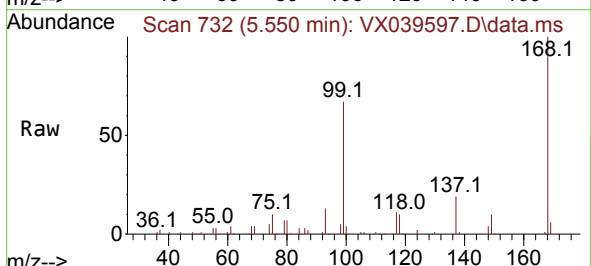
Tgt Ion: 75 Resp: 8040

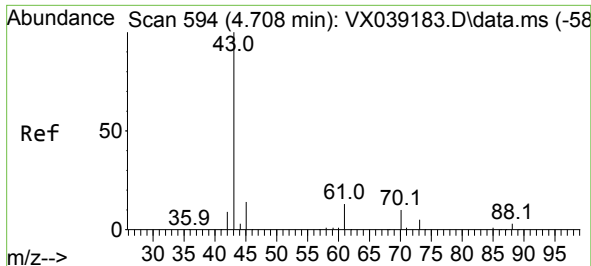
Ion Ratio Lower Upper

75 100

110 8.0 17.0 50.9#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 4.182 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.134 min

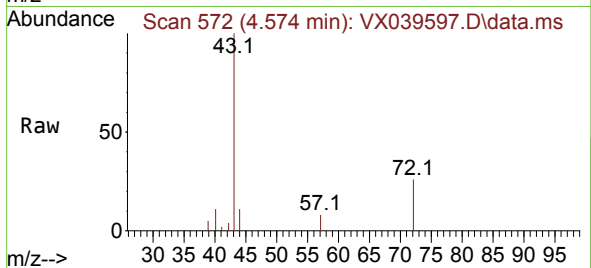
Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

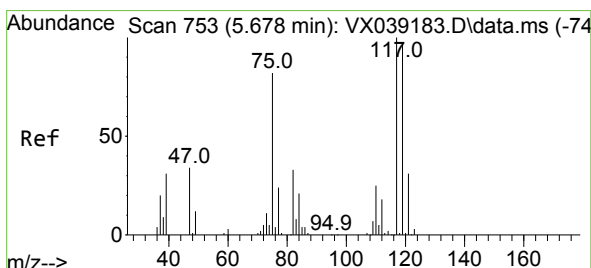
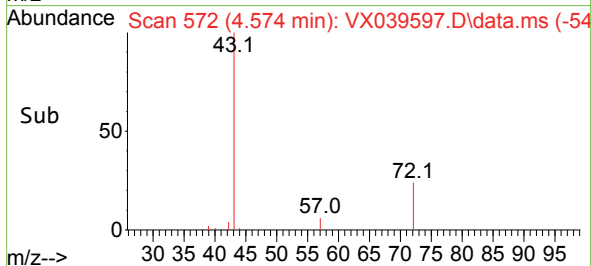
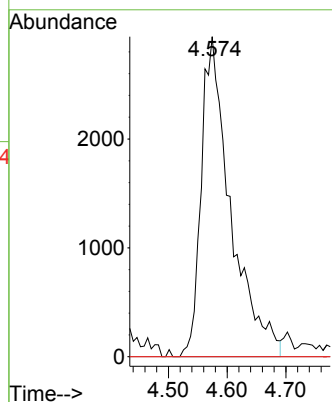
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	10258
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 5.173 ug/l

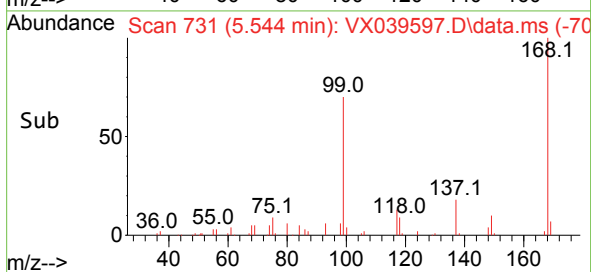
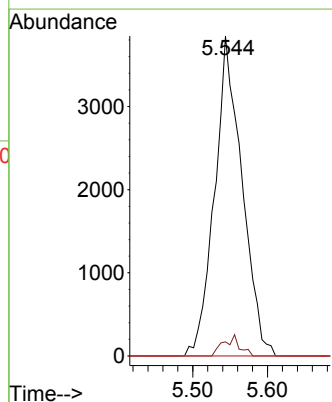
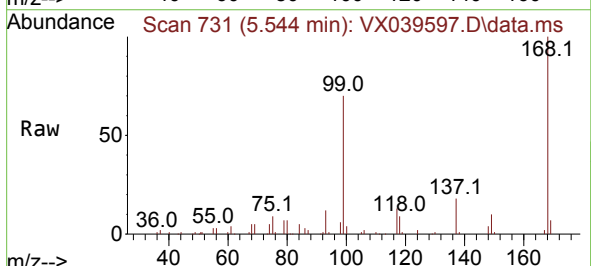
RT: 5.544 min Scan# 731

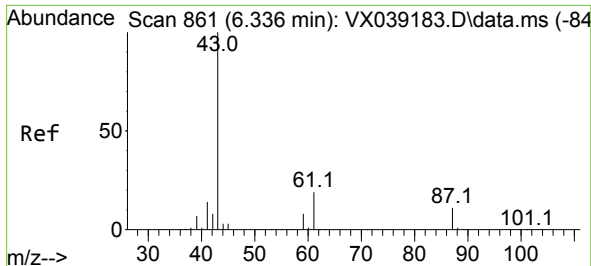
Delta R.T. -0.134 min

Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

Tgt Ion:	117	Resp:	9800
Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.2	117.2#
121	0.0	24.4	36.6#

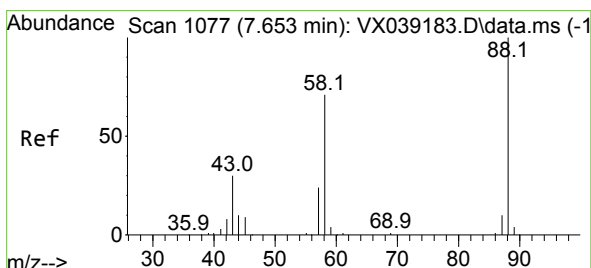
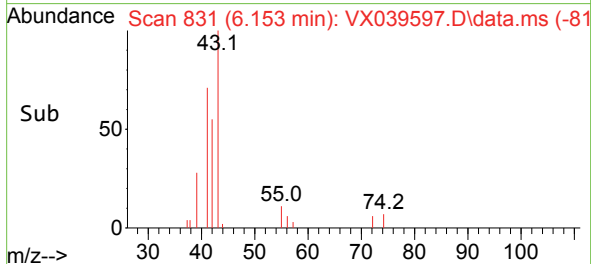
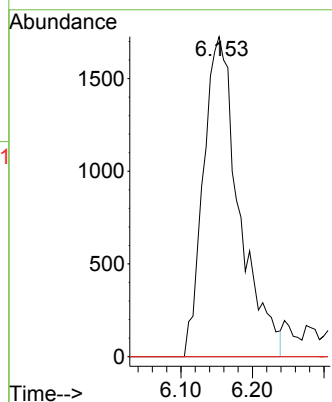
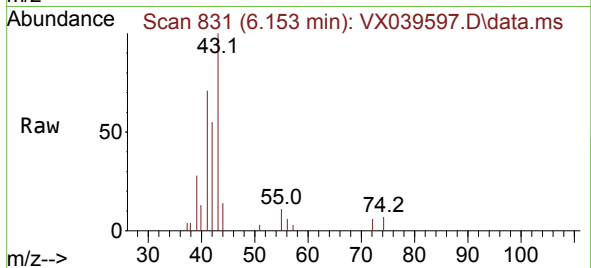




#43
Isopropyl Acetate
Concen: 1.501 ug/l
RT: 6.153 min Scan# 81
Delta R.T. -0.183 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

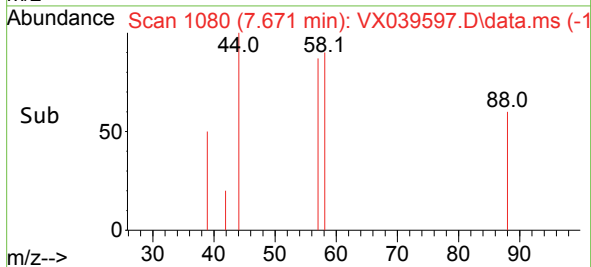
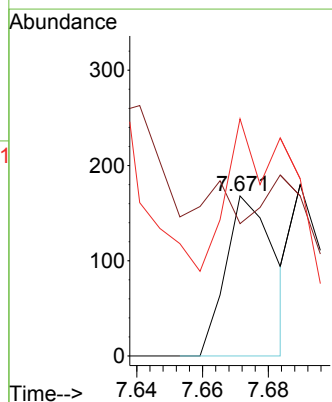
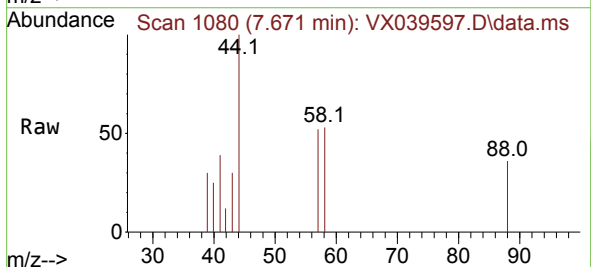
Instrument :
MSVOA_X
ClientSampleId :

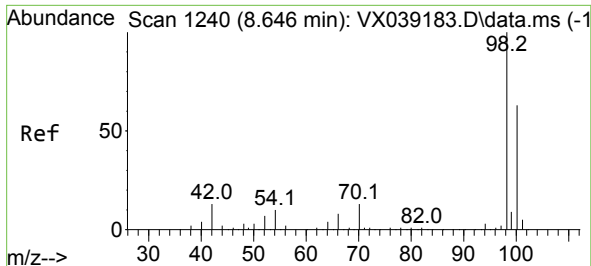
Tgt Ion: 43 Resp: 5987
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#



#49
1,4-Dioxane
Concen: 5.473 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.019 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

Tgt Ion: 88 Resp: 172
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 237.2 60.1 90.1#





#50

Toluene-d8

Concen: 49.011 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

Instrument :

MSVOA_X

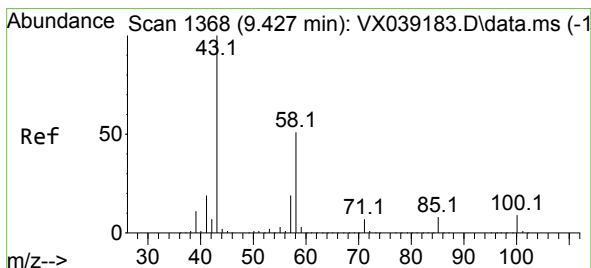
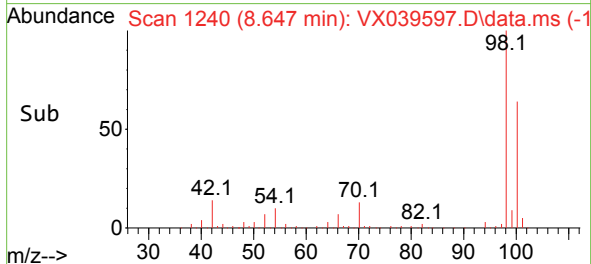
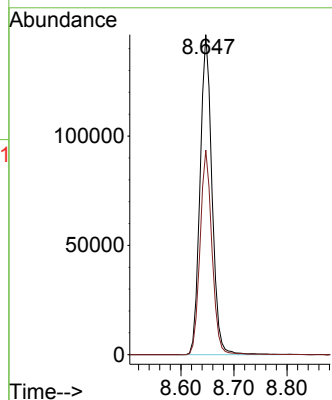
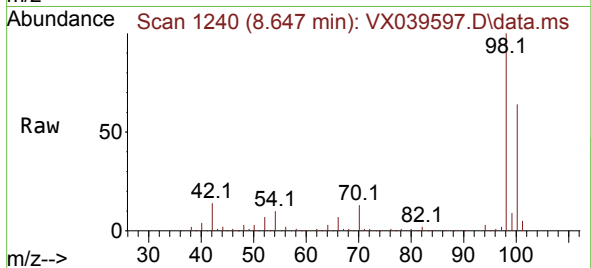
ClientSampleId :

Tgt Ion: 98 Resp: 228902

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7



#59

2-Hexanone

Concen: 0.208 ug/l

RT: 9.244 min Scan# 1338

Delta R.T. -0.183 min

Lab File: VX039597.D

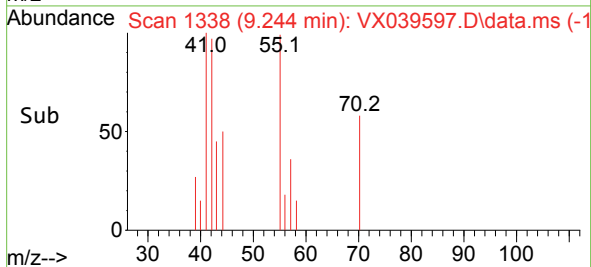
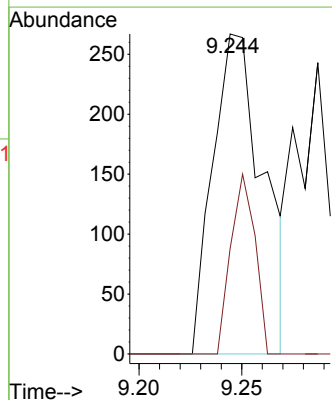
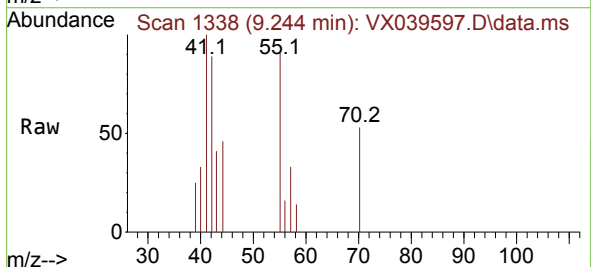
Acq: 03 Jan 2024 13:20

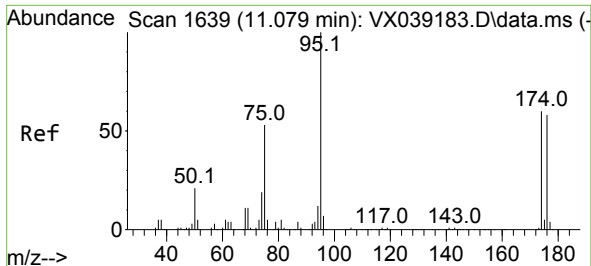
Tgt Ion: 43 Resp: 456

Ion Ratio Lower Upper

43 100

58 27.0 26.2 78.5

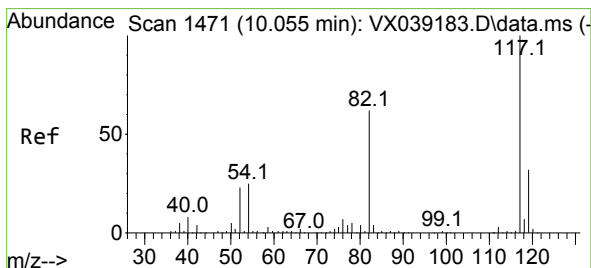
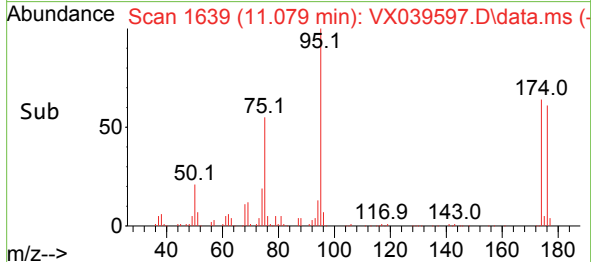
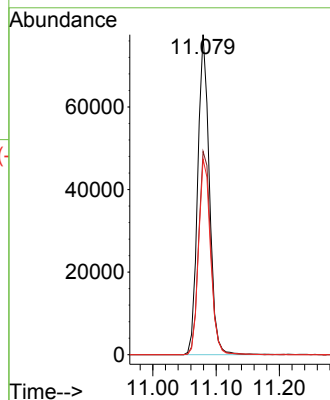
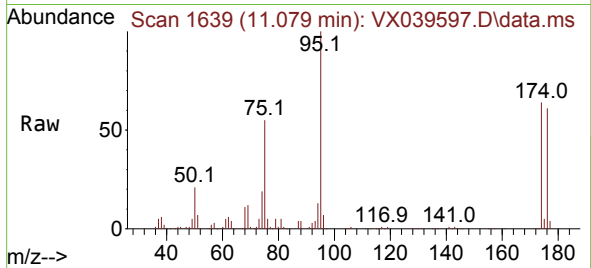




#62
4-Bromofluorobenzene
Concen: 51.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

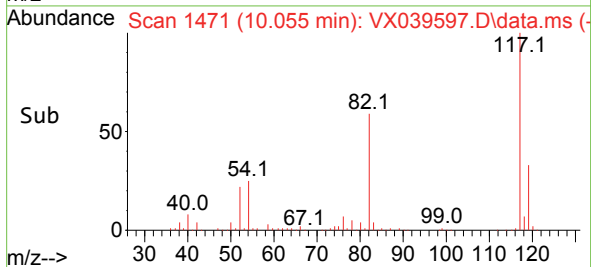
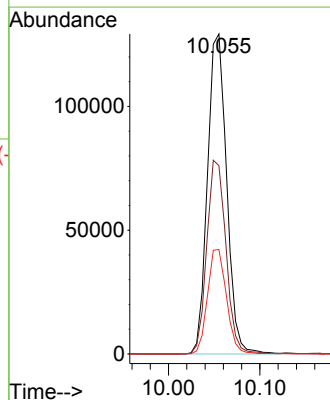
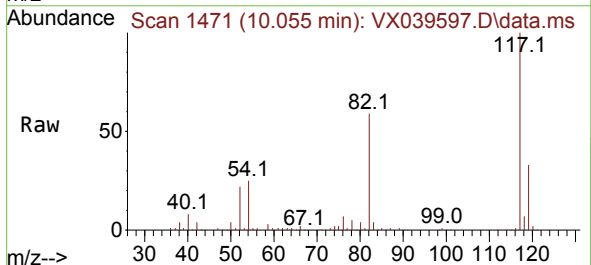
Instrument :
MSVOA_X
ClientSampleId :

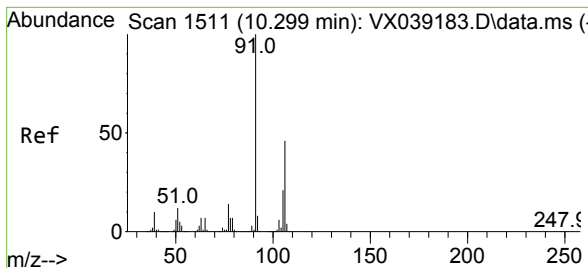
Tgt Ion: 95 Resp: 99300
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 62.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

Tgt Ion: 117 Resp: 188190
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.6 25.5 38.3

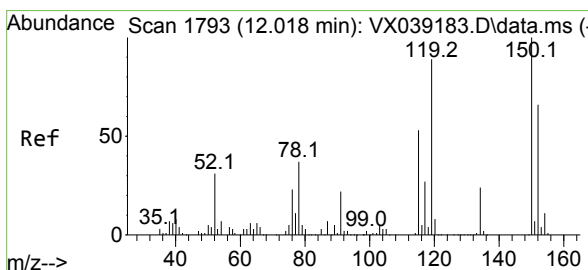
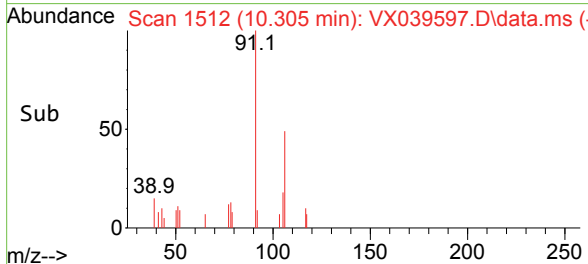
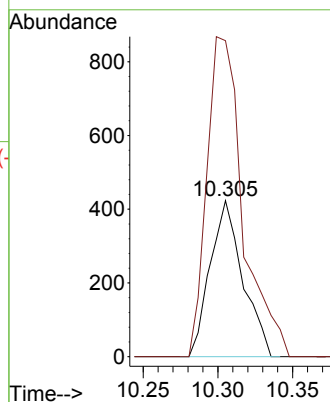
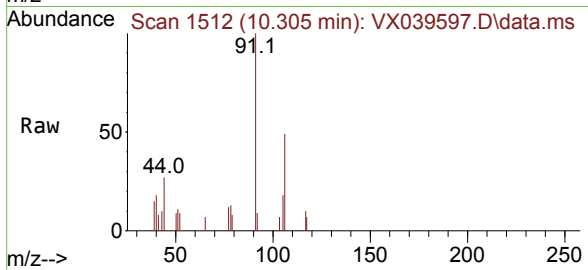




#68
m/p-Xylenes
Concen: 0.234 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

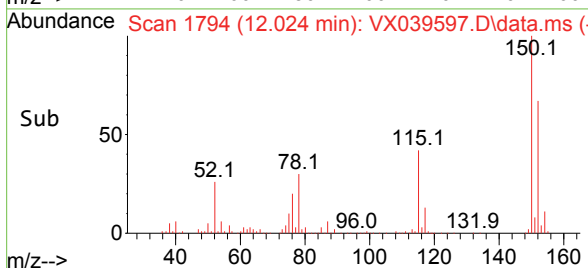
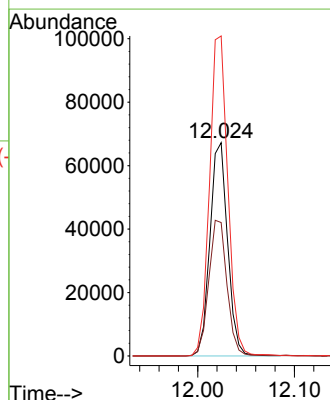
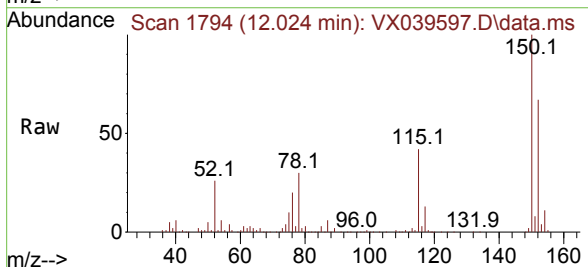
Instrument :
MSVOA_X
ClientSampleId :

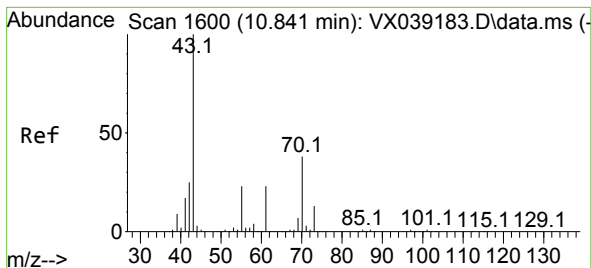
Tgt Ion:106 Resp: 641
Ion Ratio Lower Upper
106 100
91 226.7 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039597.D
Acq: 03 Jan 2024 13:20

Tgt Ion:152 Resp: 85580
Ion Ratio Lower Upper
152 100
115 65.7 43.3 129.9
150 155.4 0.0 345.0





#74

N-amy1 acetate

Concen: 2.421 ug/l

RT: 10.756 min Scan# 1

Delta R.T. -0.085 min

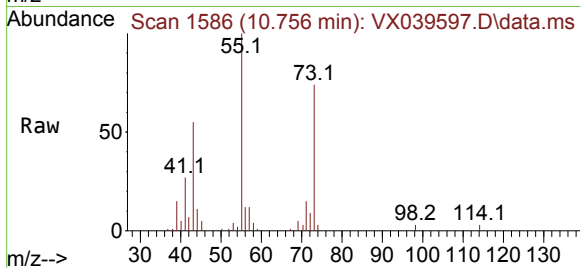
Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 8087

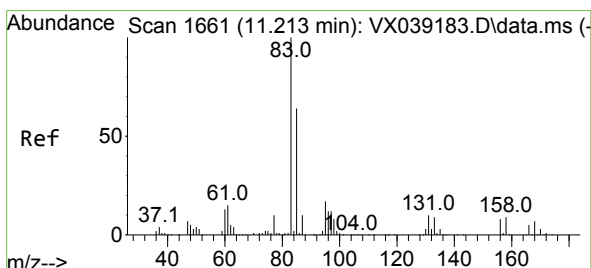
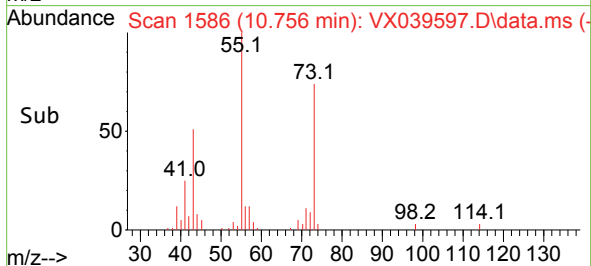
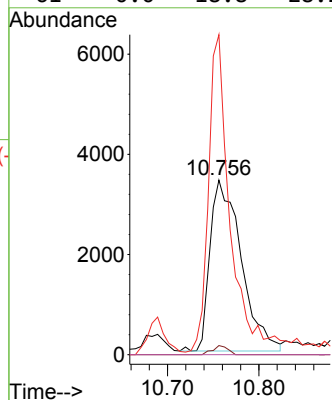
Ion Ratio Lower Upper

43 100

70 2.6 32.9 49.3#

55 131.9 19.3 28.9#

61 0.0 18.8 28.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.447 ug/l

RT: 11.323 min Scan# 1679

Delta R.T. 0.110 min

Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

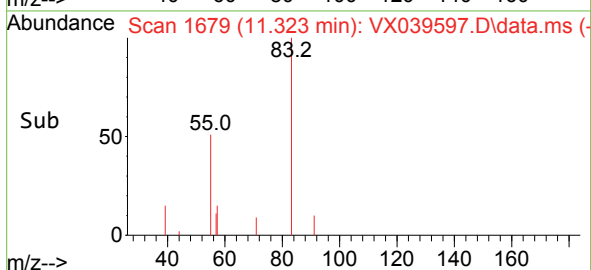
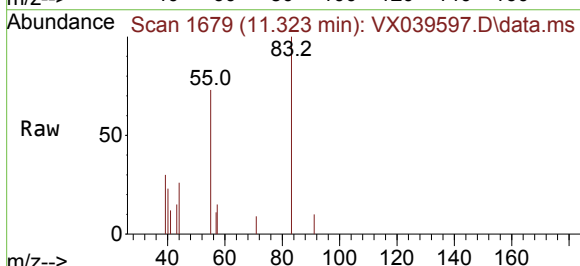
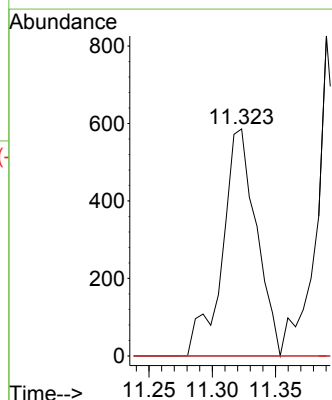
Tgt Ion: 83 Resp: 1097

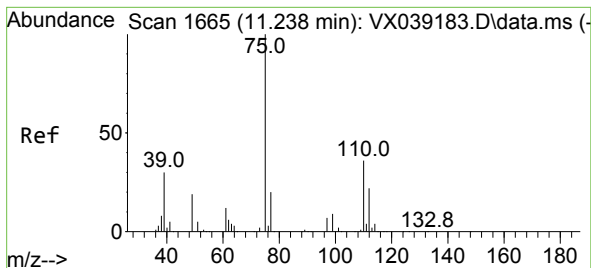
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 32.0 96.2#





#76

1,2,3-Trichloropropane

Concen: 24.571 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

Instrument :

MSVOA_X

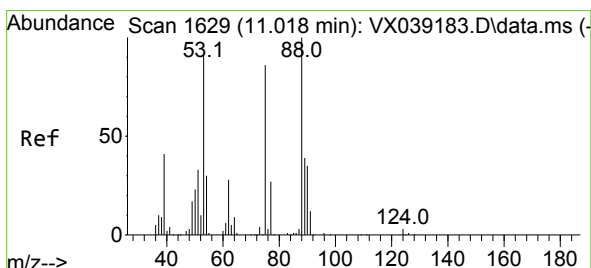
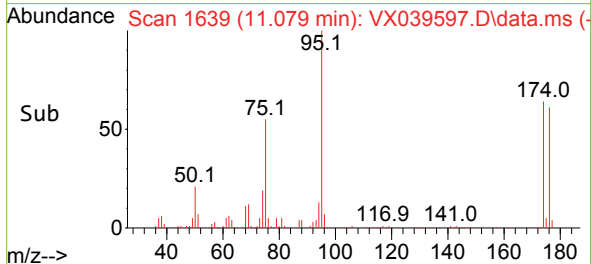
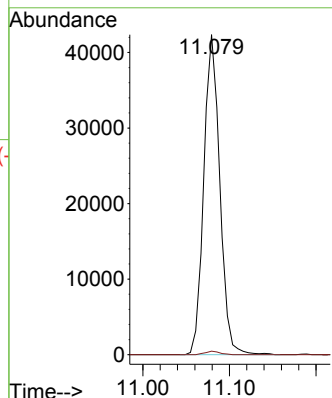
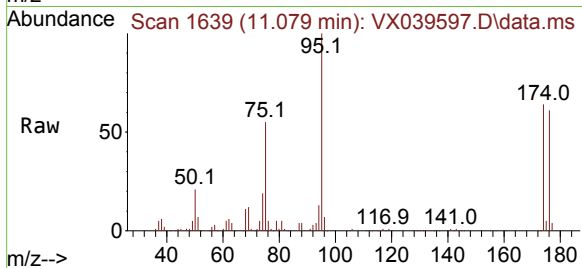
ClientSampleId :

Tgt Ion: 75 Resp: 54402

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.314 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

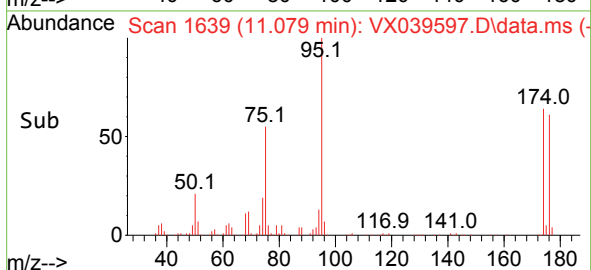
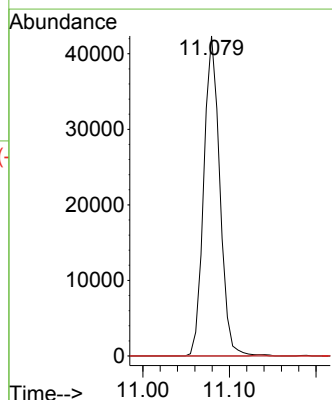
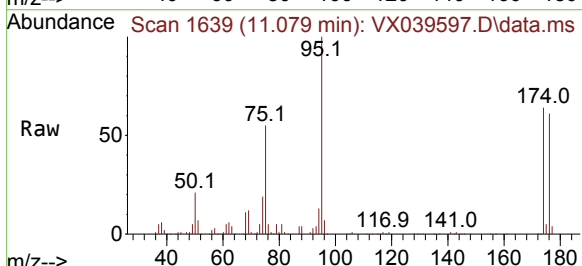
Tgt Ion: 75 Resp: 54402

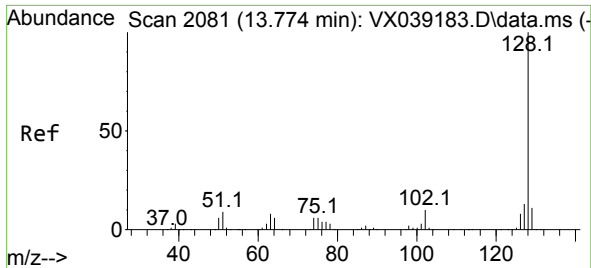
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.231 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

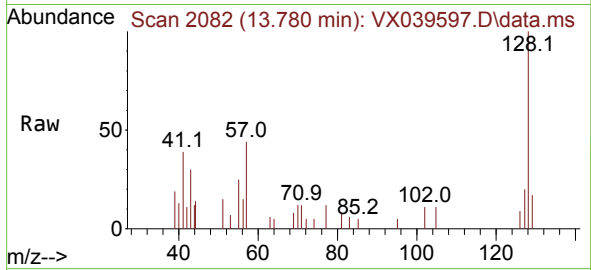
Lab File: VX039597.D

Acq: 03 Jan 2024 13:20

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1446

Ion Ratio Lower Upper

128 100

127 8.2 10.3 15.5#

129 11.5 8.8 13.2

