

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039164.D
 Acq On : 12 Dec 2023 14:39
 Operator : JC/MD
 Sample : 05729-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 13 04:16:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	113342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116168	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97120	53.178	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.360%
35) Dibromofluoromethane	5.385	113	75041	45.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.360%
50) Toluene-d8	8.647	98	288988	45.978	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.960%#
62) 4-Bromofluorobenzene	11.079	95	130542	51.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.760%

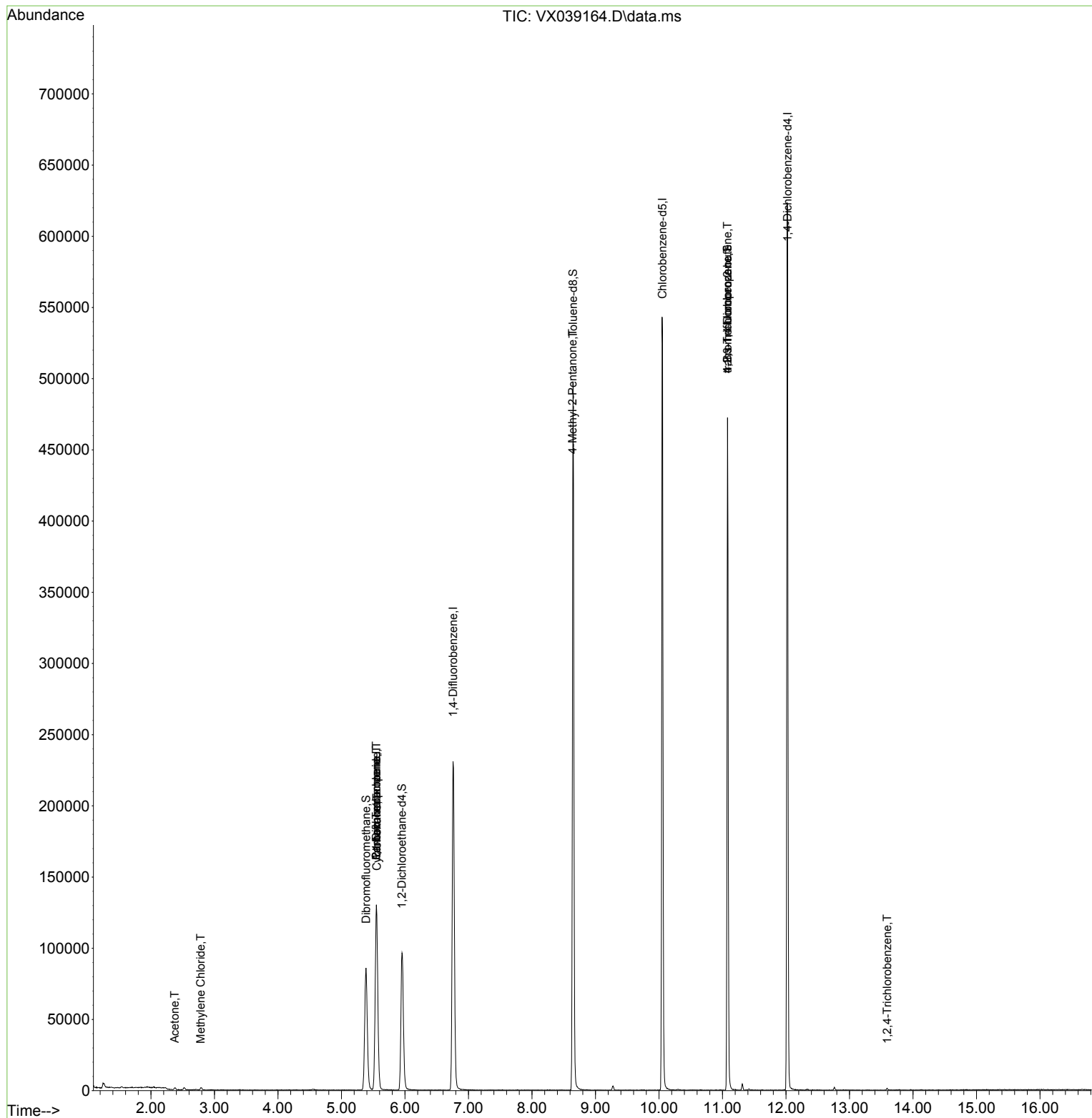
Target Compounds						Qvalue
16) Acetone	2.374	43	1463	1.505	ug/l	93
20) Methylene Chloride	2.782	84	732	0.418	ug/l #	71
31) Cyclohexane	5.556	56	3373	1.294	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	10964	4.657	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12902	5.929	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1522	0.486	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	70347	24.271	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	70347	53.836	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	530	0.209	ug/l	89

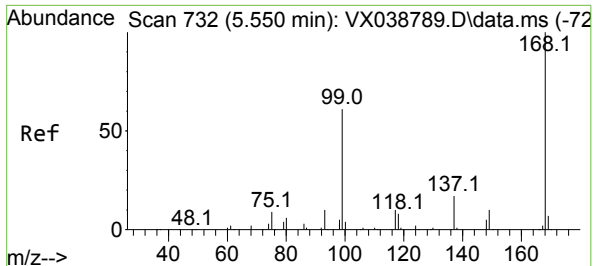
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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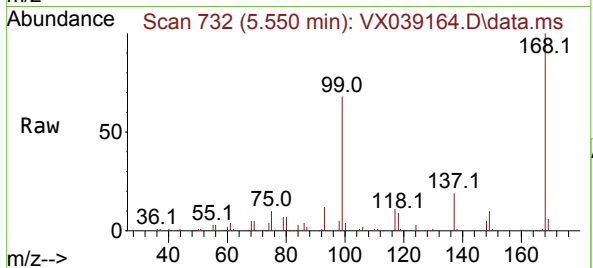
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



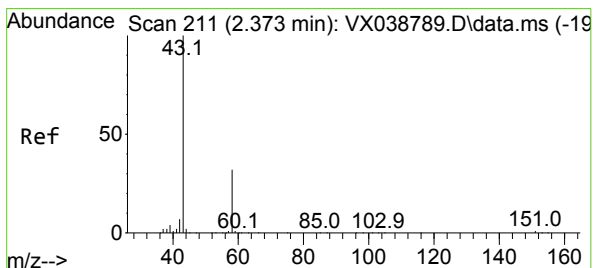
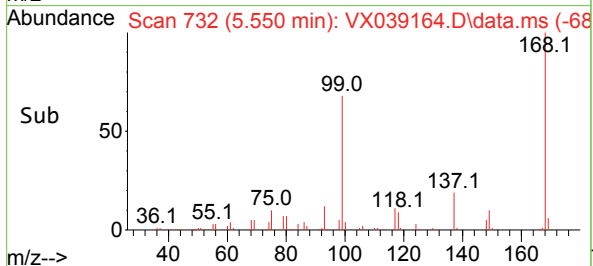
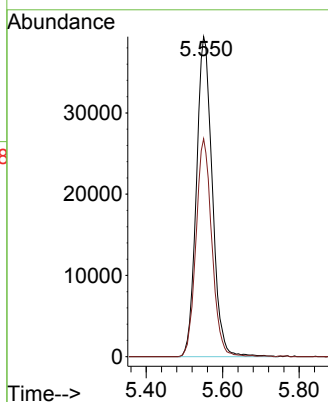


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039164.D
Acq: 12 Dec 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :

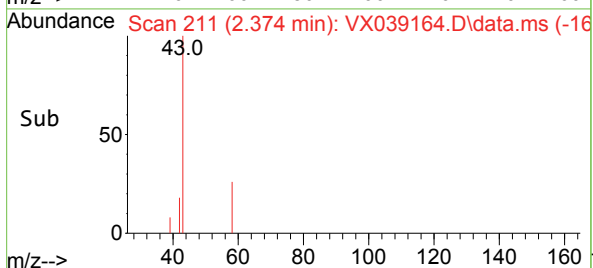
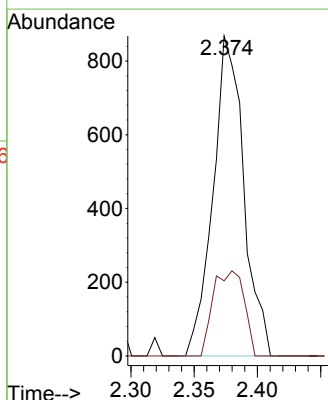
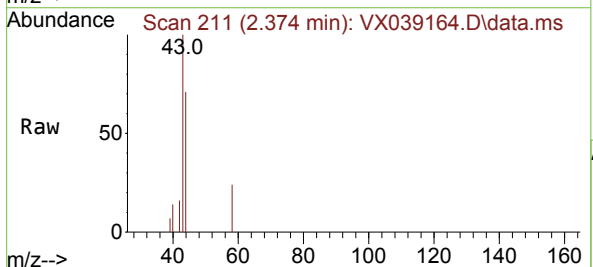


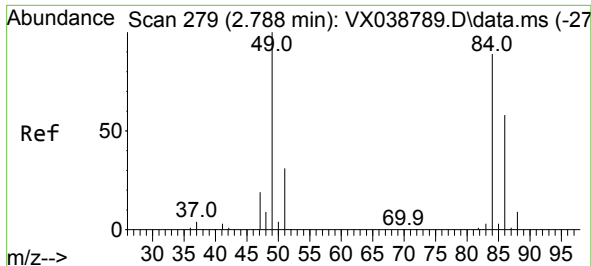
Tgt Ion:168 Resp: 113342
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0



#16
Acetone
Concen: 1.505 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039164.D
Acq: 12 Dec 2023 14:39

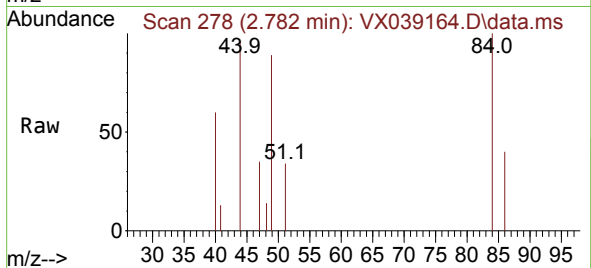
Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
58 23.5 21.9 32.9





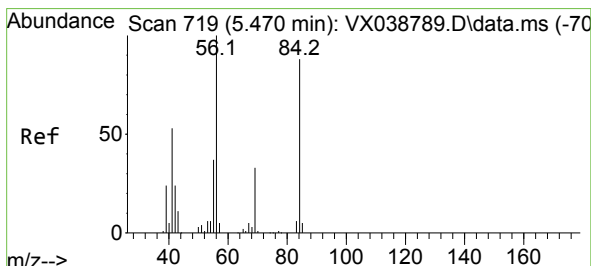
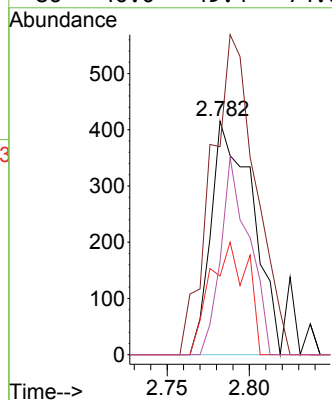
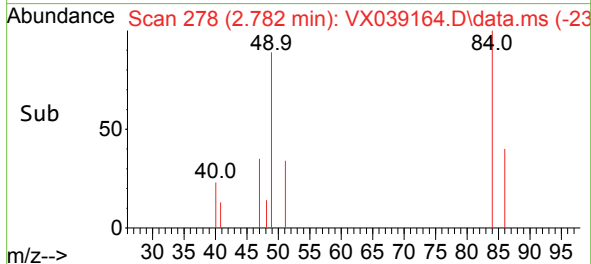
#20
Methylene Chloride
Concen: 0.418 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039164.D
Acq: 12 Dec 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :

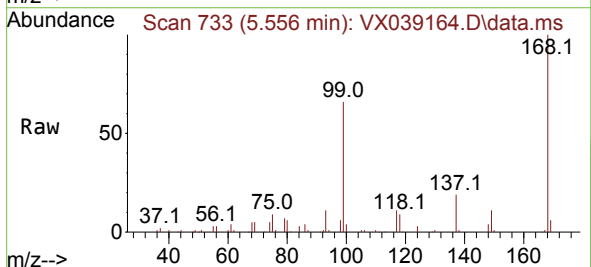


Tgt Ion: 84 Resp: 732

Ion	Ratio	Lower	Upper
84	100		
49	89.2	103.6	155.4#
51	33.7	33.8	50.6#
86	40.0	49.4	74.0#

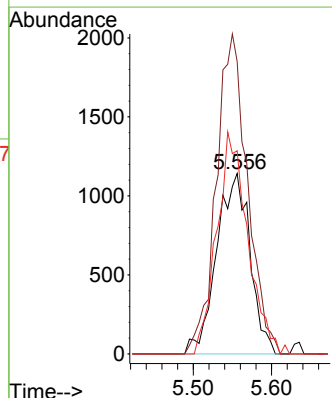
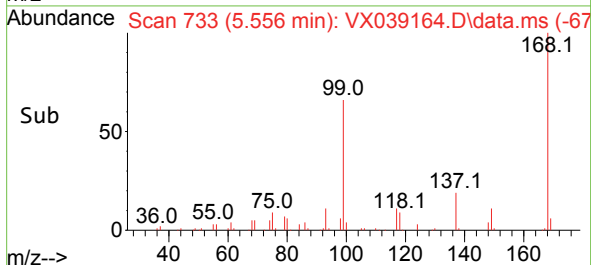


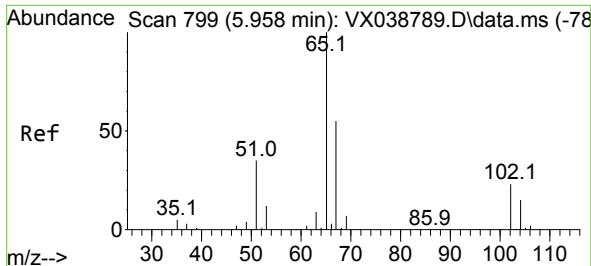
#31
Cyclohexane
Concen: 1.294 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX039164.D
Acq: 12 Dec 2023 14:39



Tgt Ion: 56 Resp: 3373

Ion	Ratio	Lower	Upper
56	100		
69	162.1	23.4	35.2#
84	112.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 53.178 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039164.D

Acq: 12 Dec 2023 14:39

Instrument :

MSVOA_X

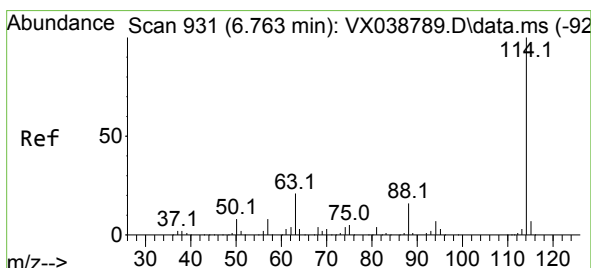
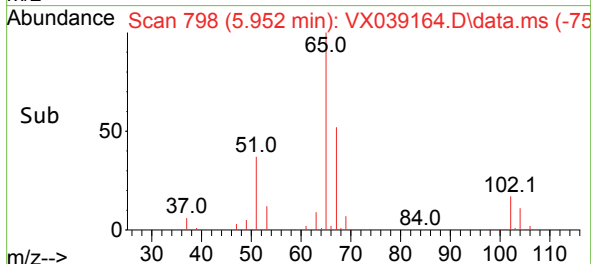
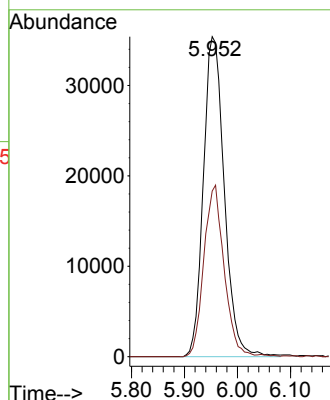
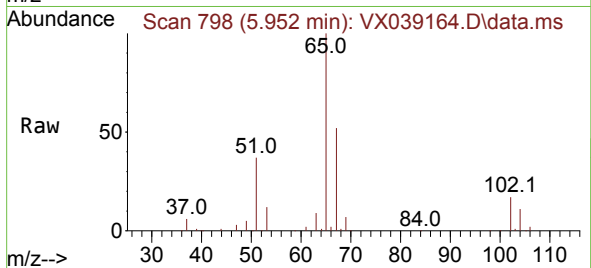
ClientSampleId :

Tgt Ion: 65 Resp: 97120

Ion Ratio Lower Upper

65 100

67 51.7 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: VX039164.D

Acq: 12 Dec 2023 14:39

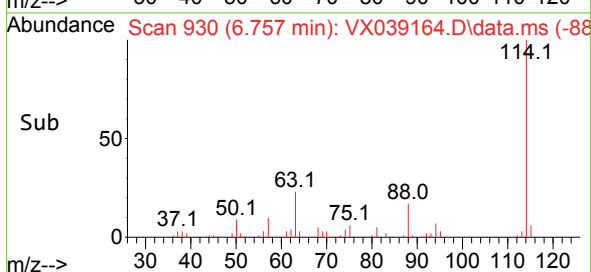
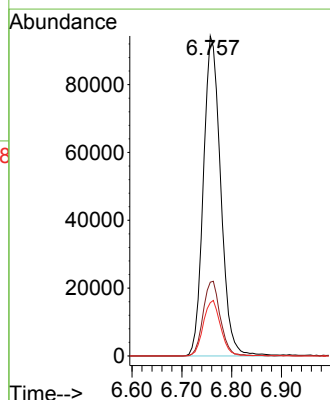
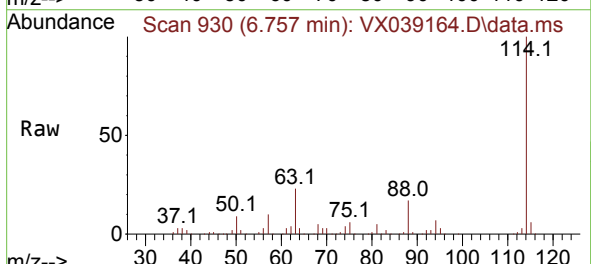
Tgt Ion: 114 Resp: 227459

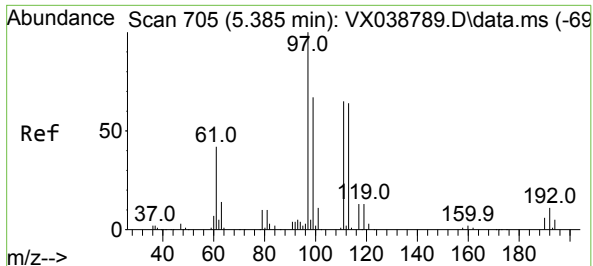
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

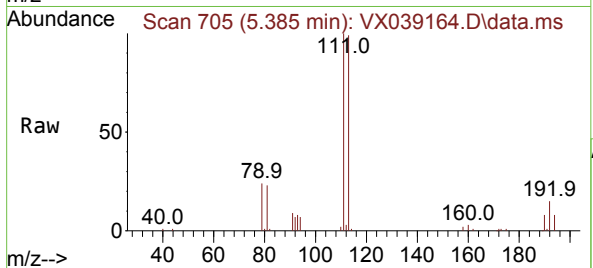
88 16.6 0.0 36.6



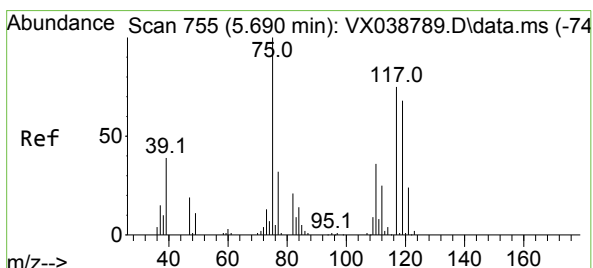
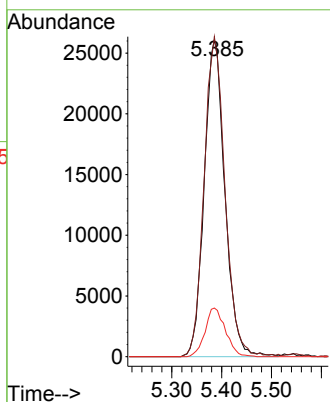
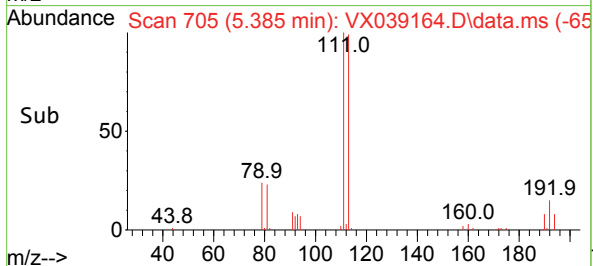


#35
Dibromofluoromethane
Concen: 45.680 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039164.D
Acq: 12 Dec 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :

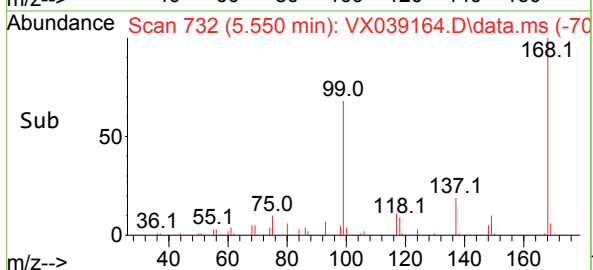
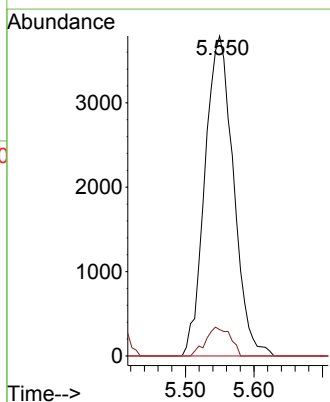
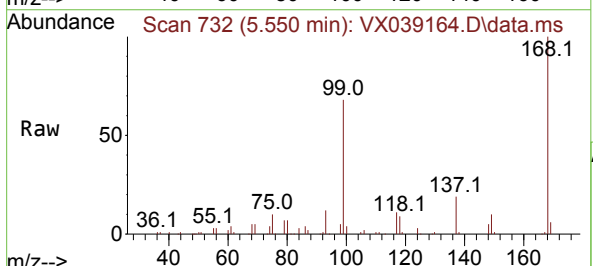


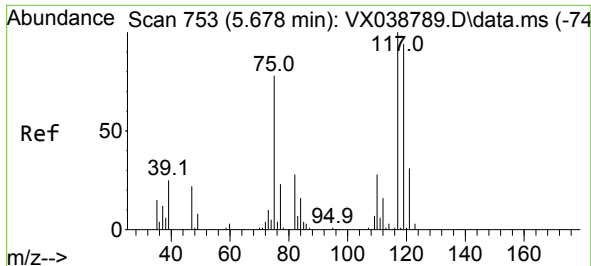
Tgt Ion:113 Resp: 75041
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 15.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.657 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039164.D
Acq: 12 Dec 2023 14:39

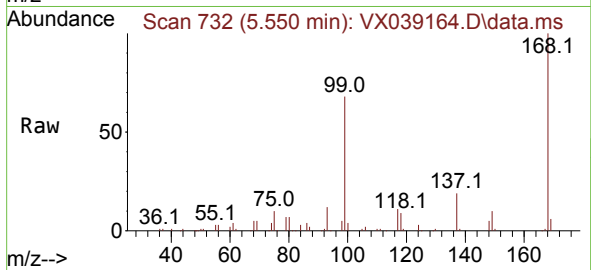
Tgt Ion: 75 Resp: 10964
Ion Ratio Lower Upper
75 100
110 7.7 17.0 50.9#
77 0.0 24.7 37.1#



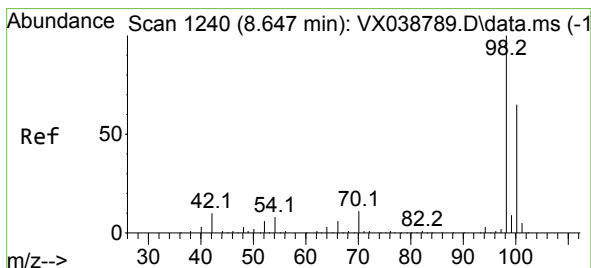
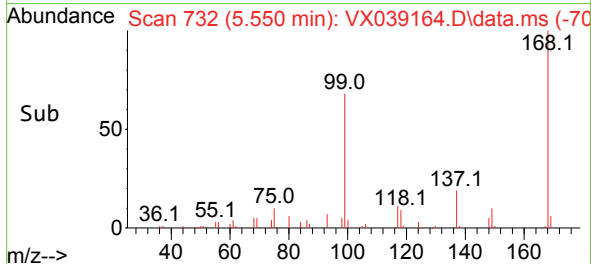
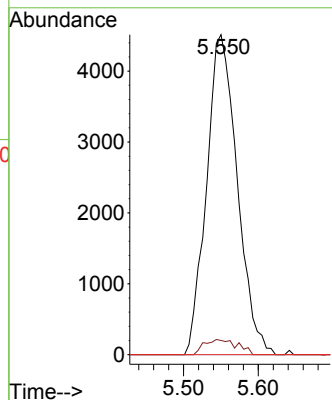


#38
Carbon Tetrachloride
Concen: 5.929 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039164.D
Acq: 12 Dec 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :

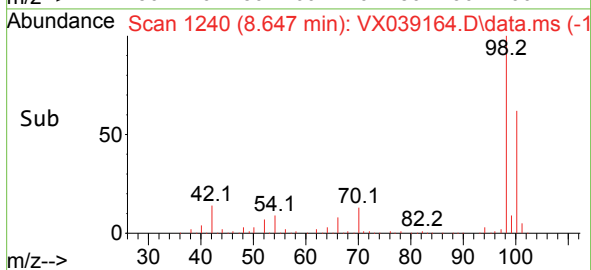
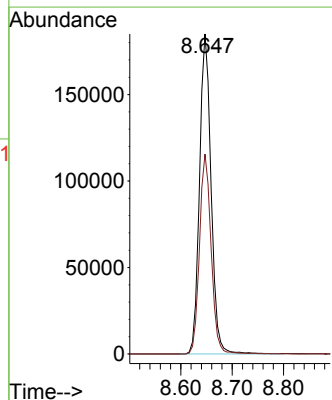
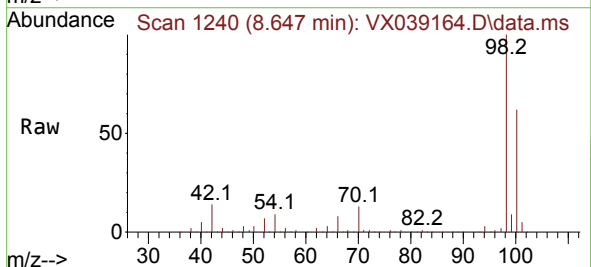


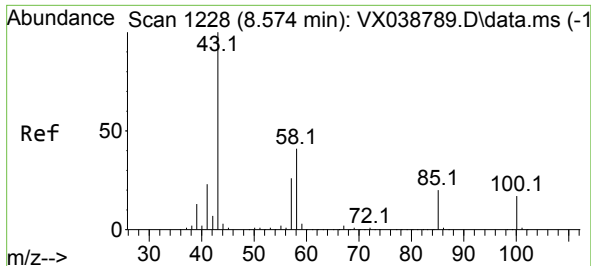
Tgt Ion:117 Resp: 12902
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.978 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039164.D
Acq: 12 Dec 2023 14:39

Tgt Ion: 98 Resp: 288988
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.486 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX039164.D

Acq: 12 Dec 2023 14:39

Instrument :

MSVOA_X

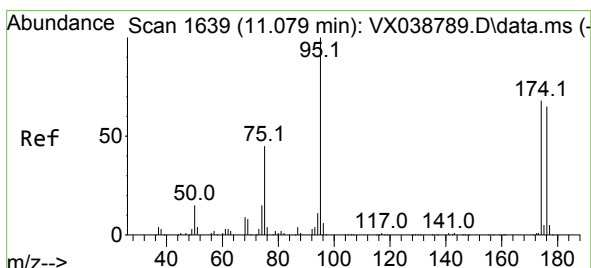
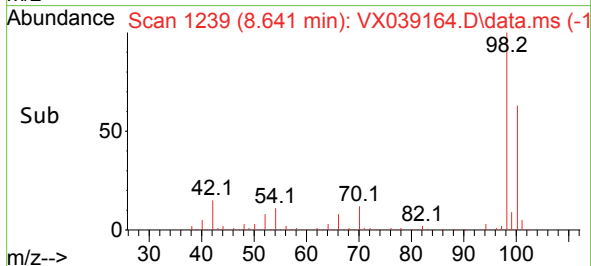
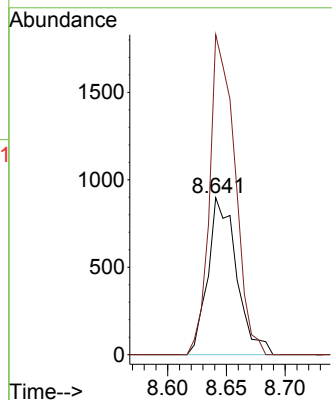
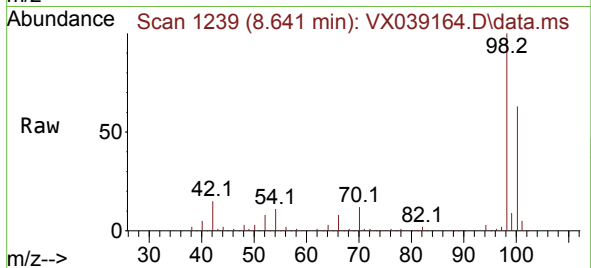
ClientSampleId :

Tgt Ion: 43 Resp: 1522

Ion Ratio Lower Upper

43 100

58 180.3 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 51.884 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039164.D

Acq: 12 Dec 2023 14:39

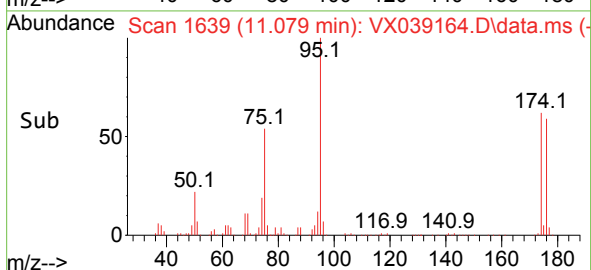
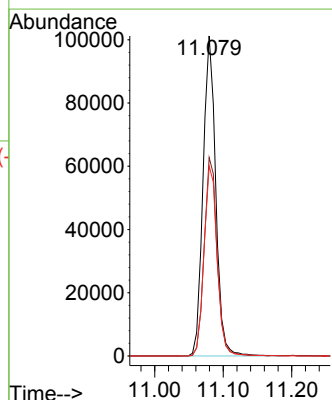
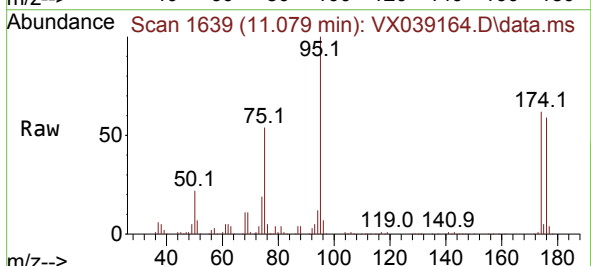
Tgt Ion: 95 Resp: 130542

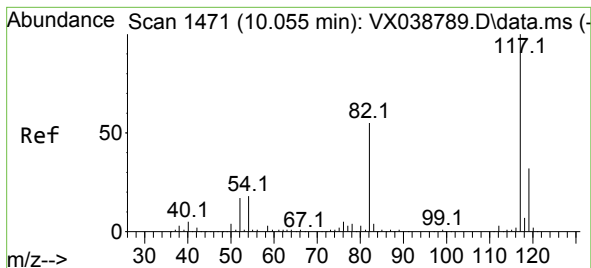
Ion Ratio Lower Upper

95 100

174 63.0 0.0 135.6

176 61.1 0.0 131.0

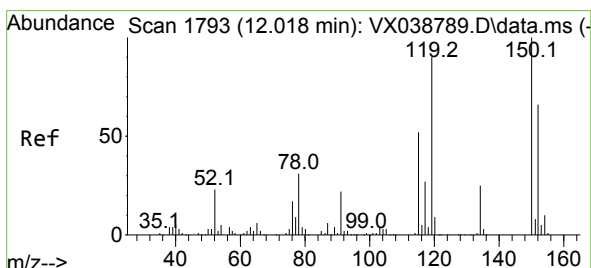
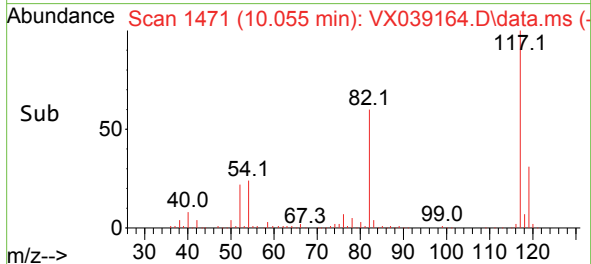
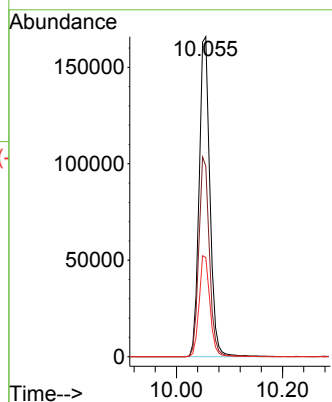
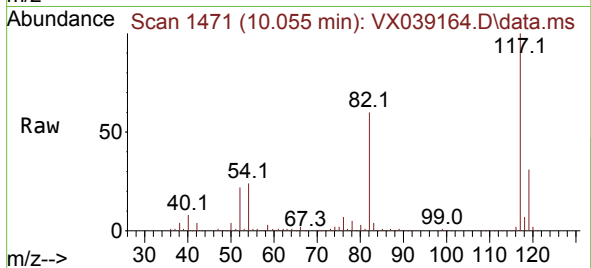




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039164.D
Acq: 12 Dec 2023 14:39

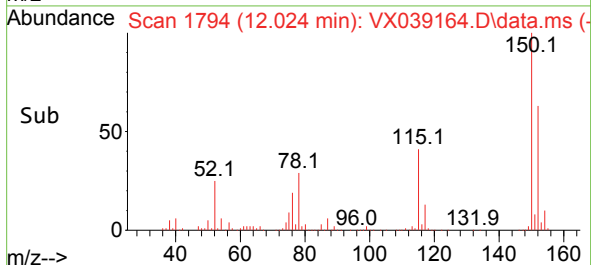
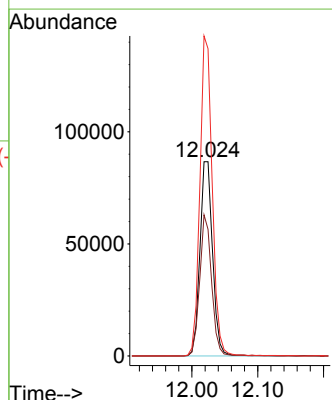
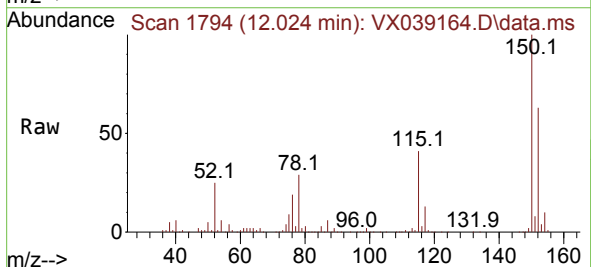
Instrument :
MSVOA_X
ClientSampleId :

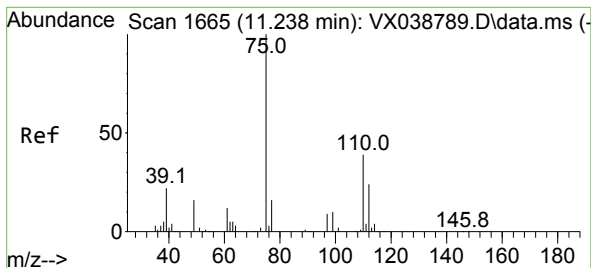
Tgt Ion:117 Resp: 234830
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039164.D
Acq: 12 Dec 2023 14:39

Tgt Ion:152 Resp: 116168
Ion Ratio Lower Upper
152 100
115 68.1 43.3 129.9
150 160.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.271 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039164.D

Acq: 12 Dec 2023 14:39

Instrument :

MSVOA_X

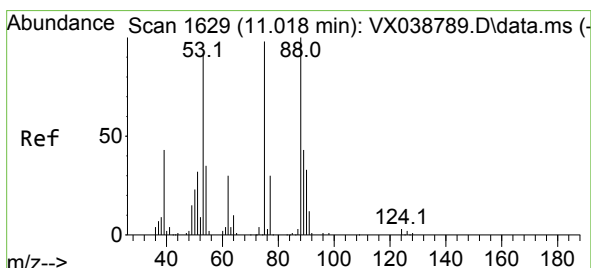
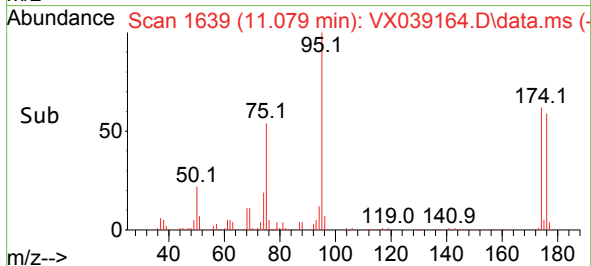
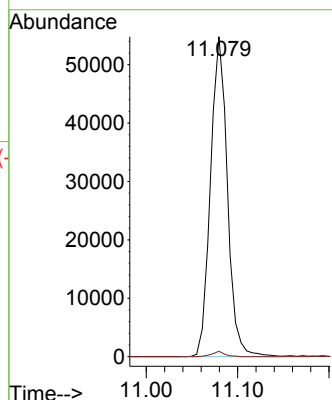
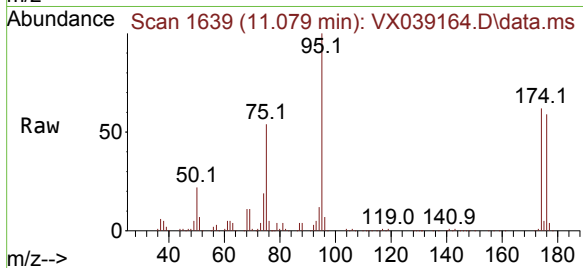
ClientSampleId :

Tgt Ion: 75 Resp: 70347

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.836 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039164.D

Acq: 12 Dec 2023 14:39

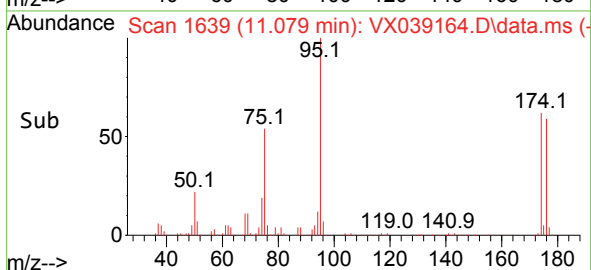
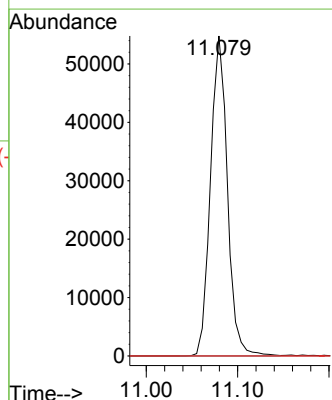
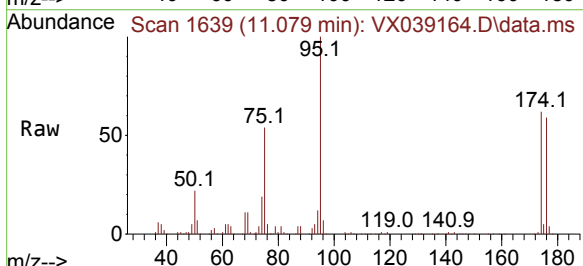
Tgt Ion: 75 Resp: 70347

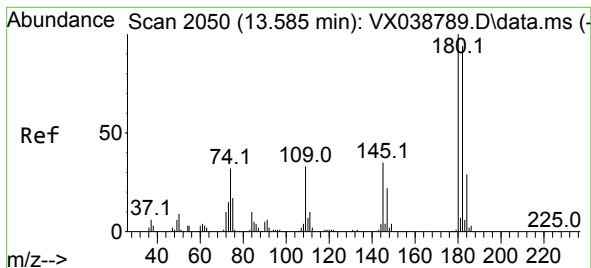
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.209 ug/l

RT: 13.591 min Scan# 20

Delta R.T. 0.006 min

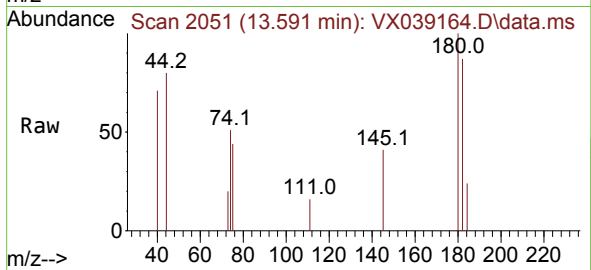
Lab File: VX039164.D

Acq: 12 Dec 2023 14:39

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 530

Ion Ratio Lower Upper

180 100

182 86.2 48.3 144.8

145 27.9 18.0 54.0

