

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034462.D
 Acq On : 14 Mar 2023 14:09
 Operator : JC/MD
 Sample : 01880-12RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20230310

Quant Time: Mar 15 06:40:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

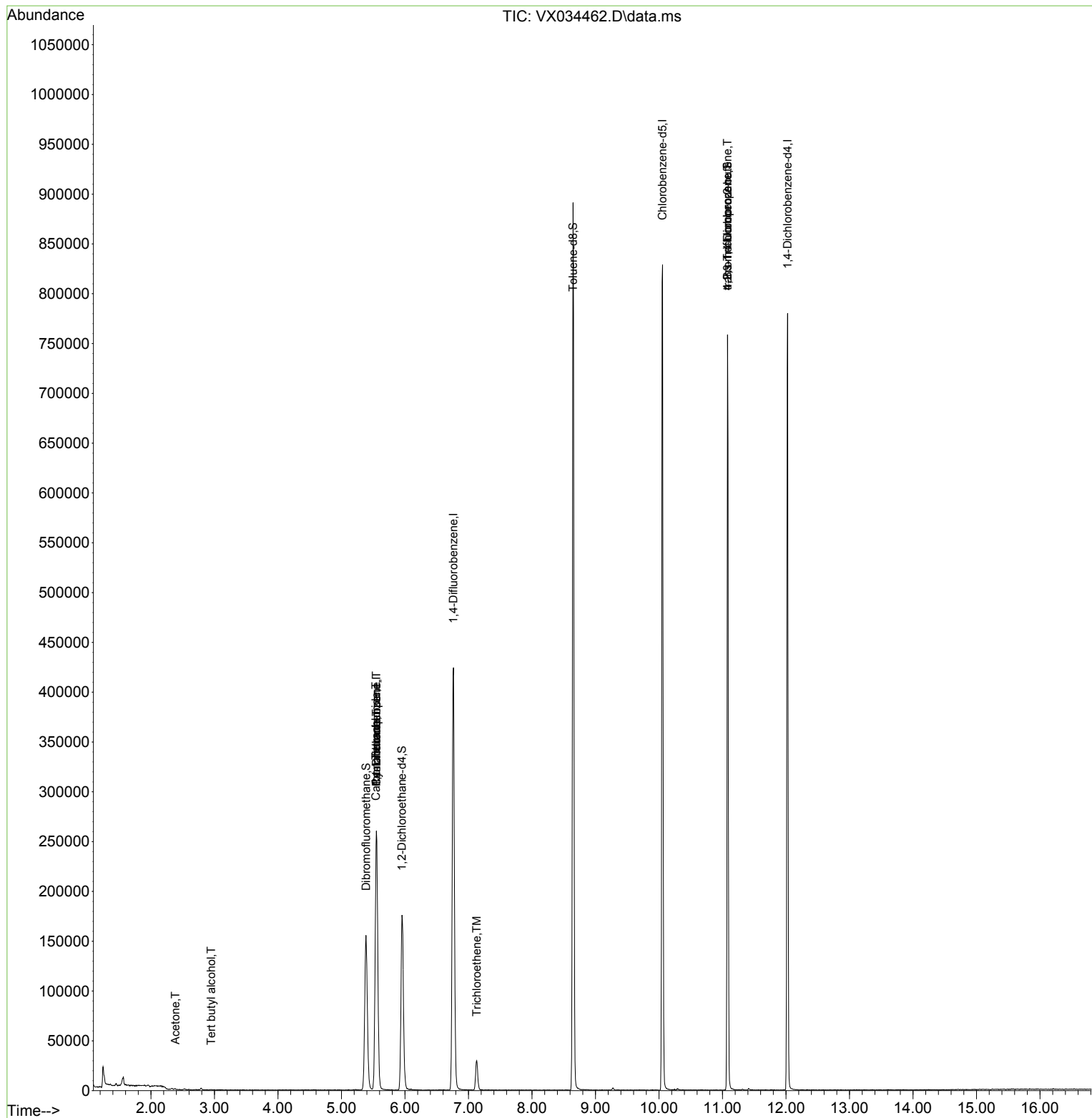
Internal Standards						
1) Pentafluorobenzene	5.550	168	250350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427447	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165857	45.539	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.080%
35) Dibromofluoromethane	5.385	113	134276	47.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.160%
50) Toluene-d8	8.647	98	515349	48.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	192226	45.171	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	341	Below Cal	#	42
11) Tert butyl alcohol	2.947	59	302	0.398	ug/l #	73
16) Acetone	2.386	43	1173	0.684	ug/l	100
31) Cyclohexane	5.550	56	5732	1.122	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	20025	4.620	ug/l #	50
38) Carbon Tetrachloride	5.544	117	25323	5.872	ug/l #	16
44) Trichloroethene	7.129	130	12262	3.722	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	99213	27.420	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	99213	74.179	ug/l #	8

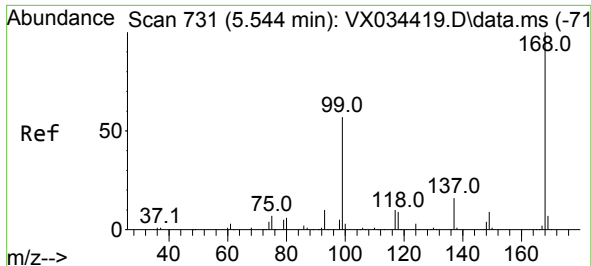
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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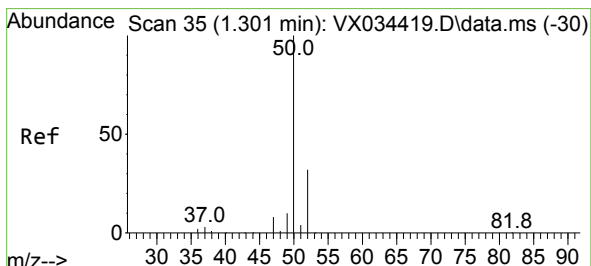
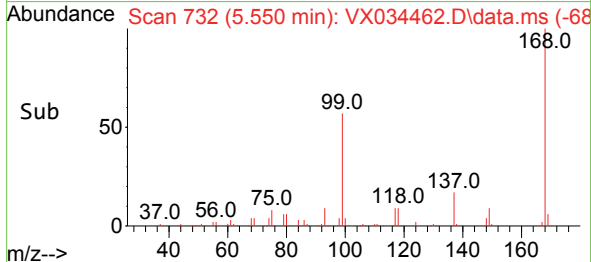
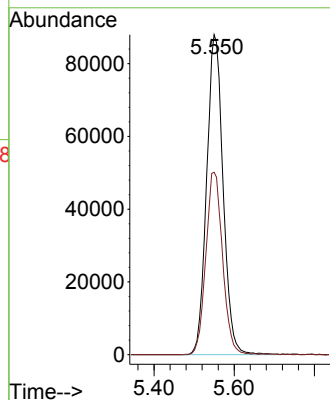
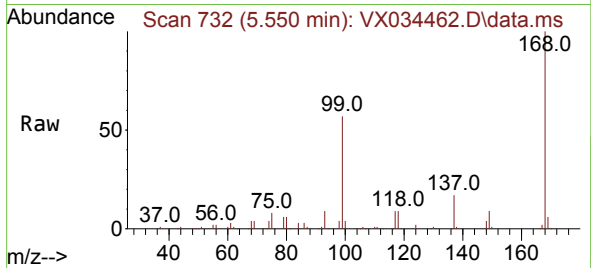




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034462.D
Acq: 14 Mar 2023 14:09

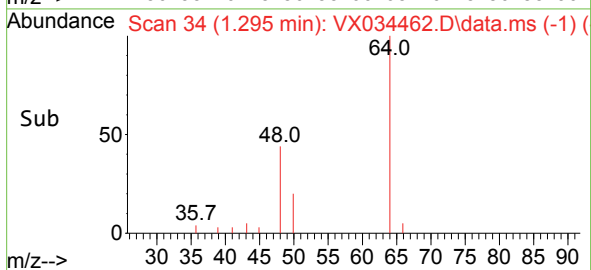
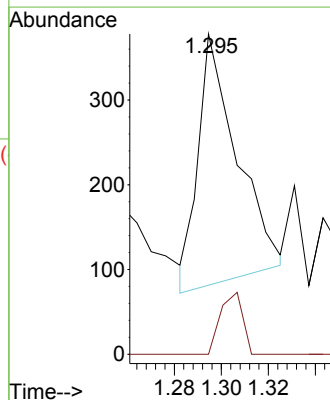
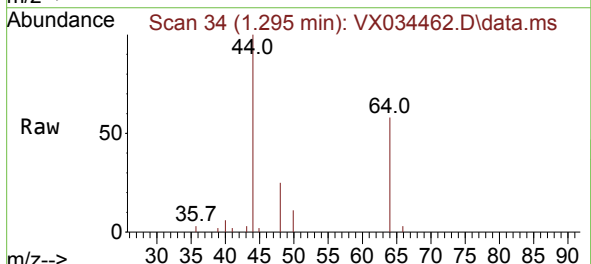
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20230310

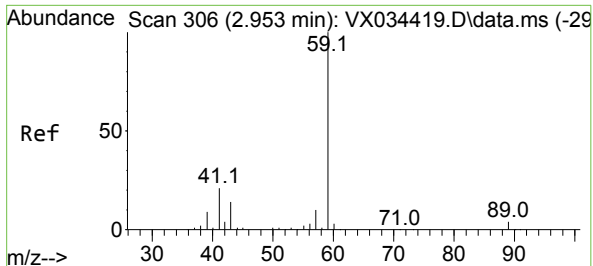
Tgt Ion:168 Resp: 250350
Ion Ratio Lower Upper
168 100
99 57.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX034462.D
Acq: 14 Mar 2023 14:09

Tgt Ion: 50 Resp: 341
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.398 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX034462.D

Acq: 14 Mar 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

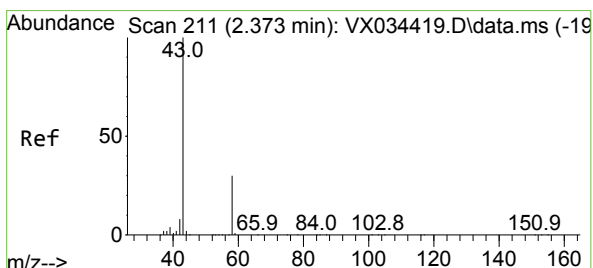
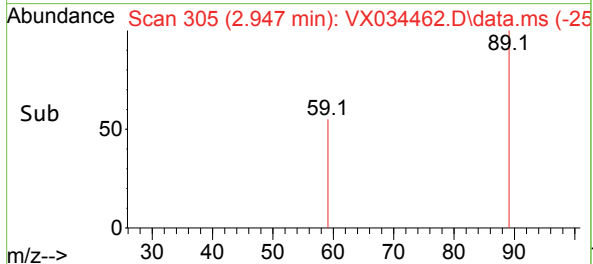
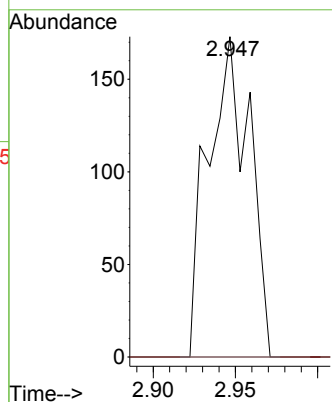
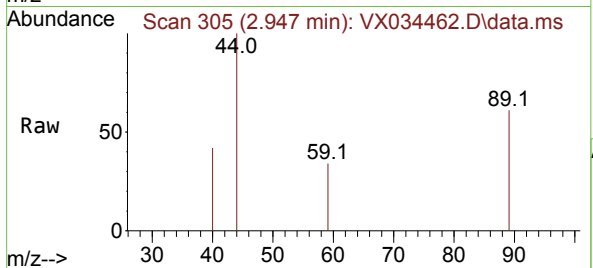
RE120D3-20230310

Tgt Ion: 59 Resp: 302

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.684 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX034462.D

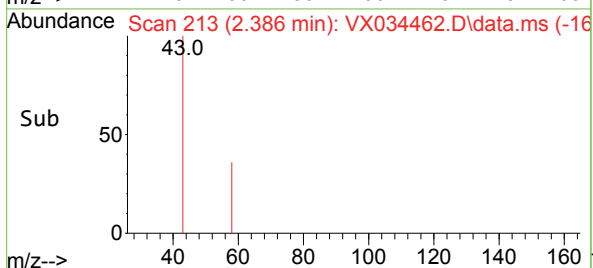
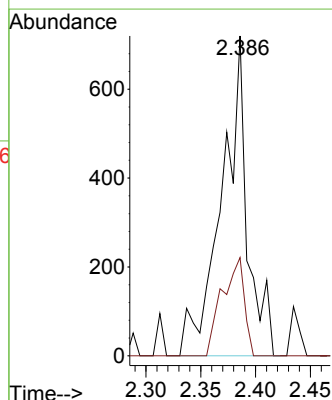
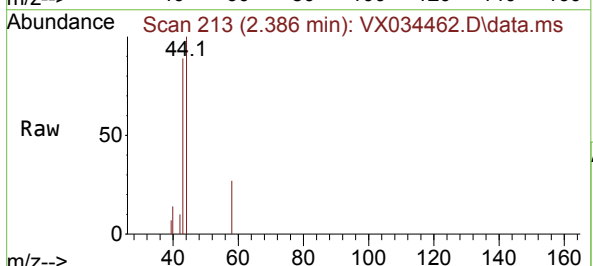
Acq: 14 Mar 2023 14:09

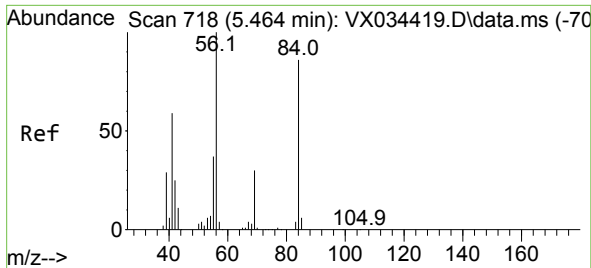
Tgt Ion: 43 Resp: 1173

Ion Ratio Lower Upper

43 100

58 30.7 24.7 37.1

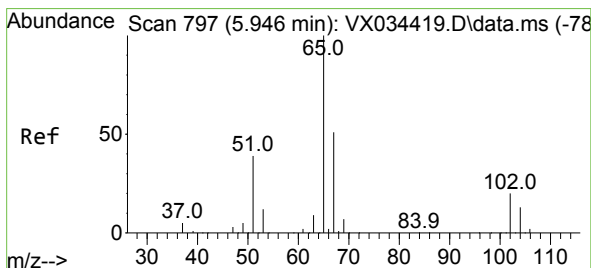
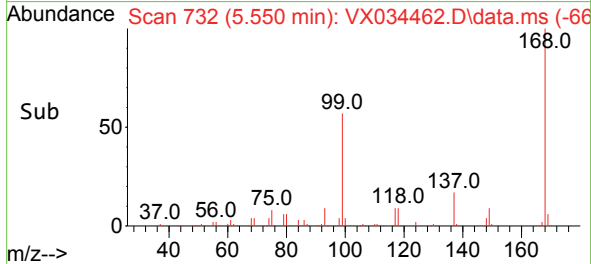
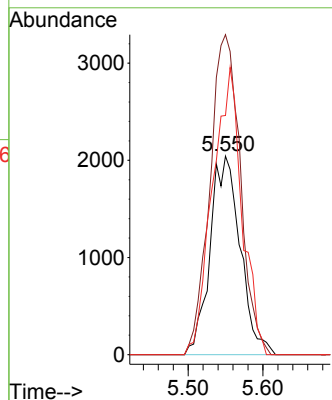
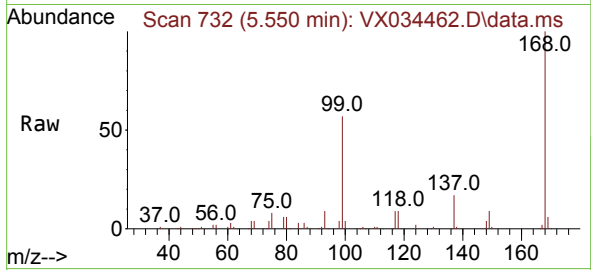




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX034462.D
Acq: 14 Mar 2023 14:09

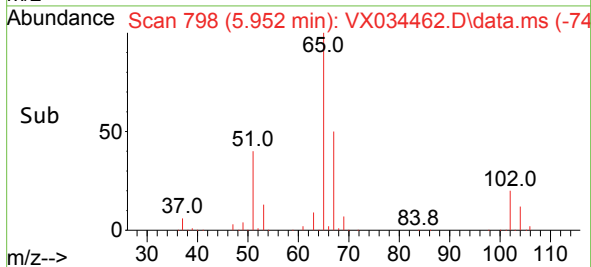
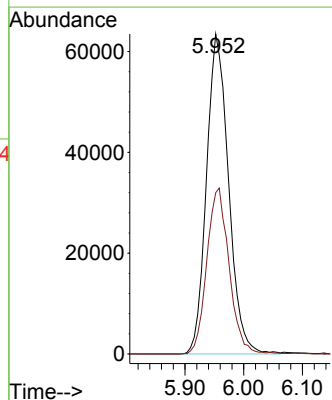
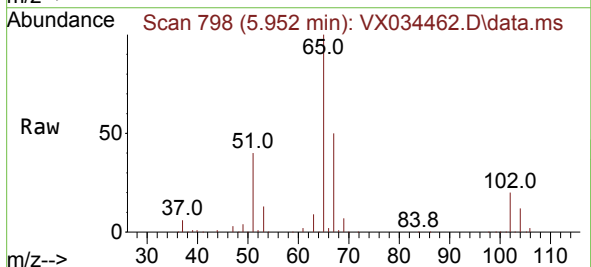
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20230310

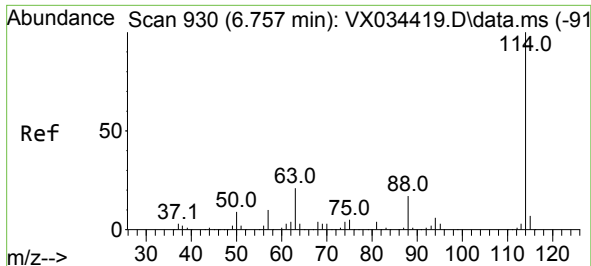
Tgt Ion: 56 Resp: 5732
Ion Ratio Lower Upper
56 100
69 161.1 23.7 35.5#
84 120.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 45.539 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034462.D
Acq: 14 Mar 2023 14:09

Tgt Ion: 65 Resp: 165857
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034462.D

Acq: 14 Mar 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20230310

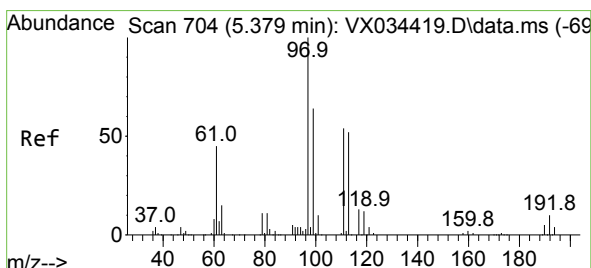
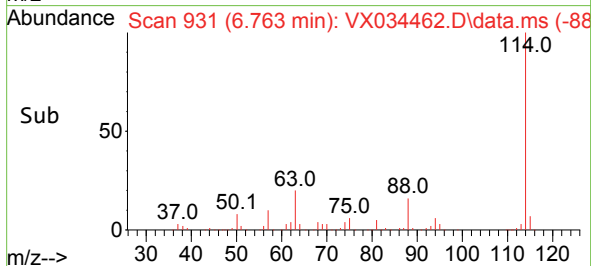
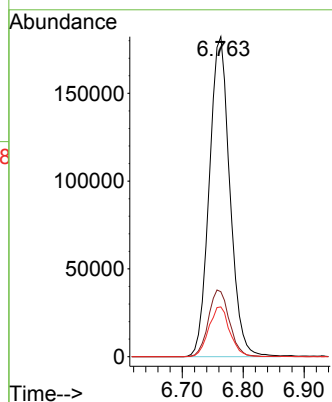
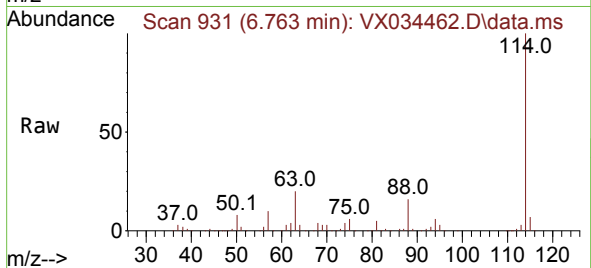
Tgt Ion:114 Resp: 427447

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.2

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.578 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034462.D

Acq: 14 Mar 2023 14:09

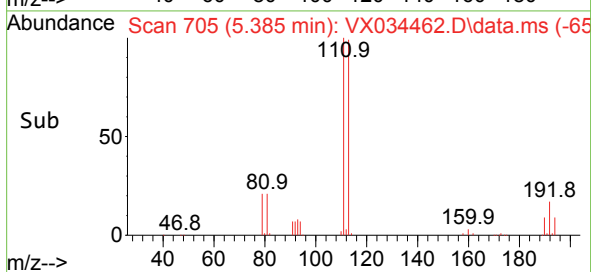
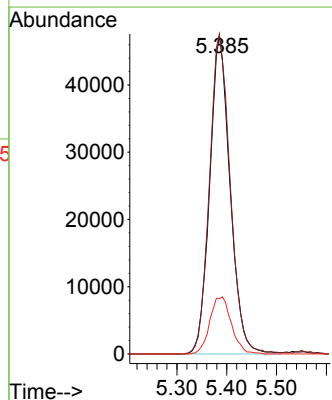
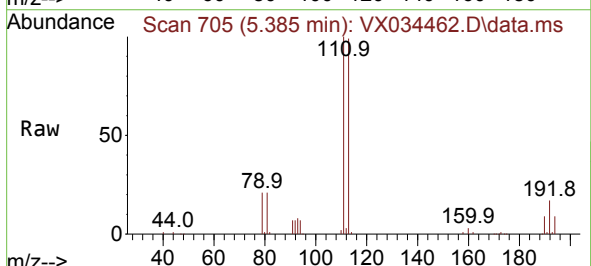
Tgt Ion:113 Resp: 134276

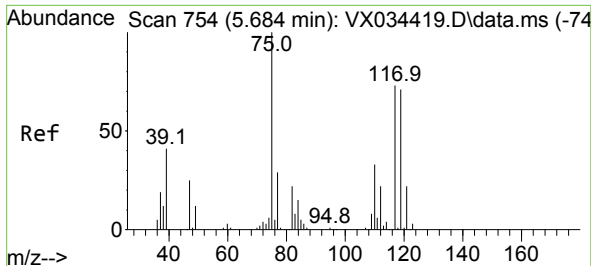
Ion Ratio Lower Upper

113 100

111 102.5 83.7 125.5

192 19.0 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.620 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX034462.D

Acq: 14 Mar 2023 14:09

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20230310

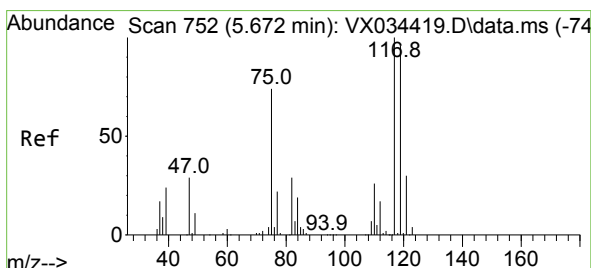
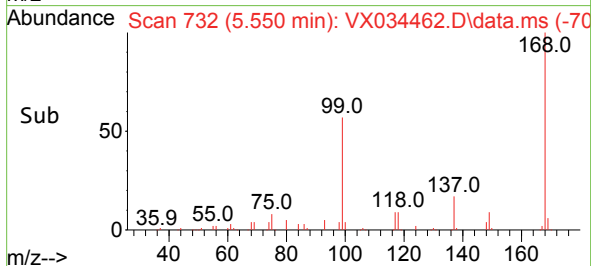
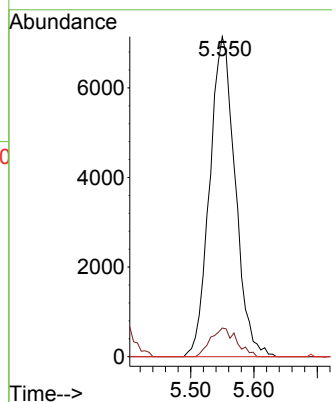
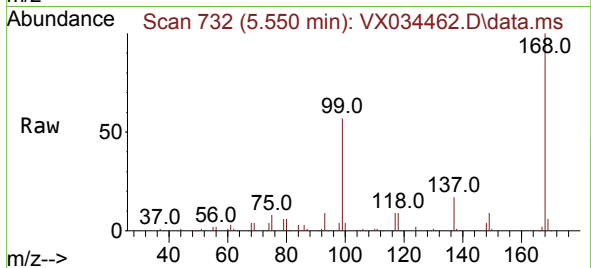
Tgt Ion: 75 Resp: 20025

Ion Ratio Lower Upper

75 100

110 9.1 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.872 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX034462.D

Acq: 14 Mar 2023 14:09

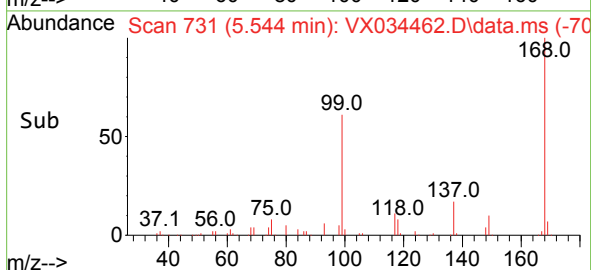
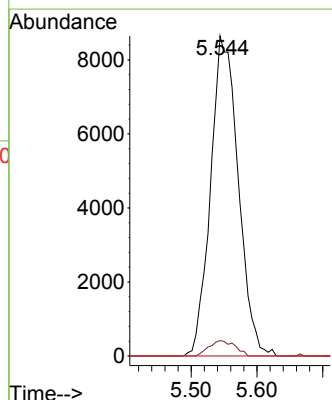
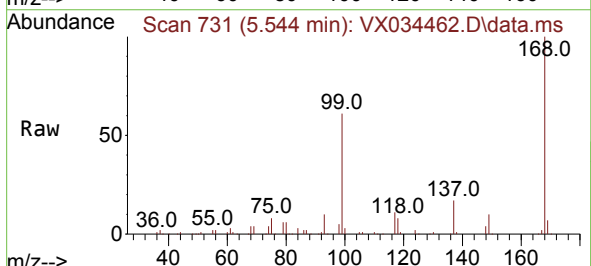
Tgt Ion: 117 Resp: 25323

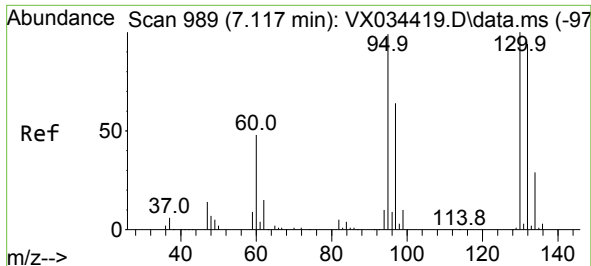
Ion Ratio Lower Upper

117 100

119 4.8 76.6 114.8#

121 0.0 23.8 35.6#

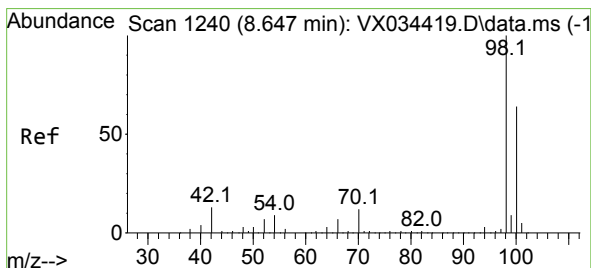
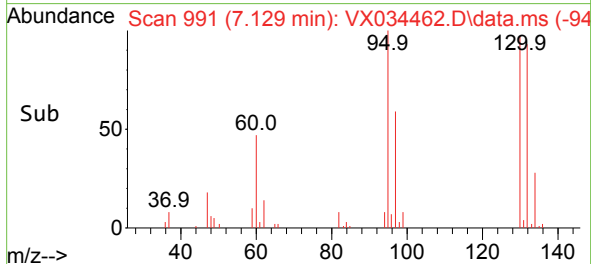
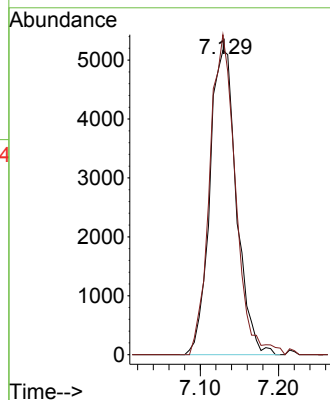
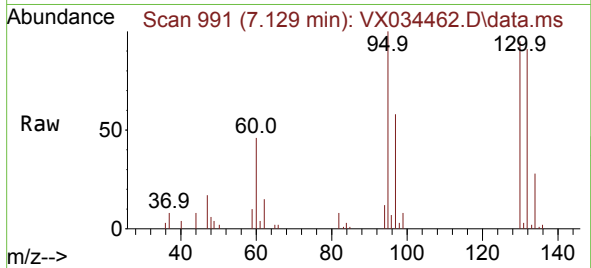




#44
Trichloroethene
Concen: 3.722 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX034462.D
Acq: 14 Mar 2023 14:09

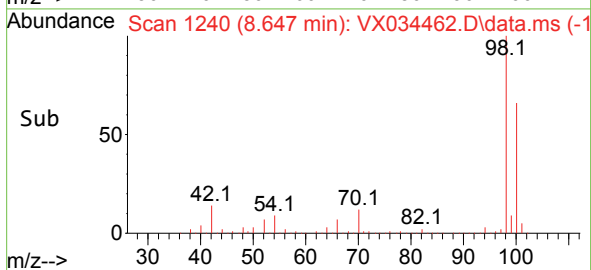
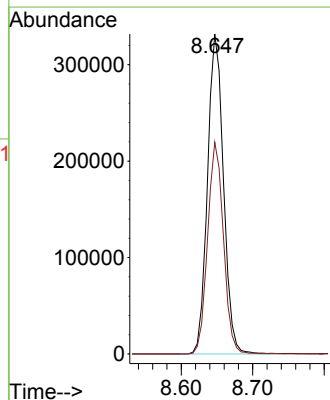
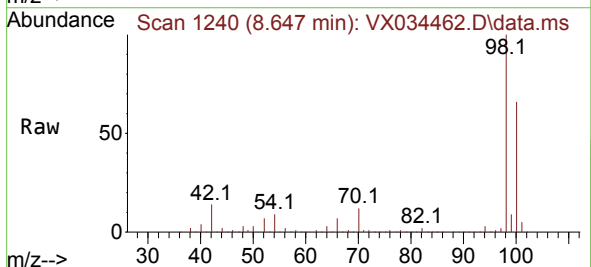
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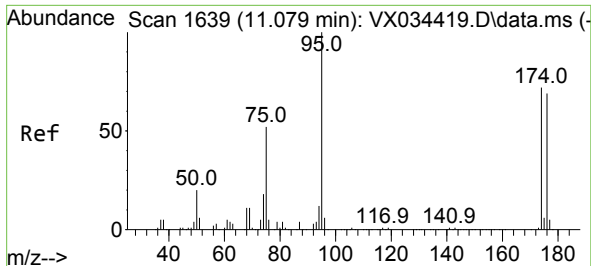
Tgt Ion:130 Resp: 12262
Ion Ratio Lower Upper
130 100
95 105.1 0.0 198.4



#50
Toluene-d8
Concen: 48.916 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034462.D
Acq: 14 Mar 2023 14:09

Tgt Ion: 98 Resp: 515349
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

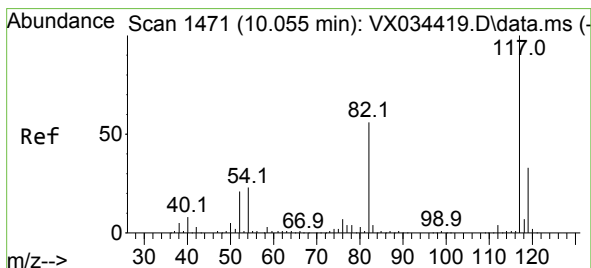
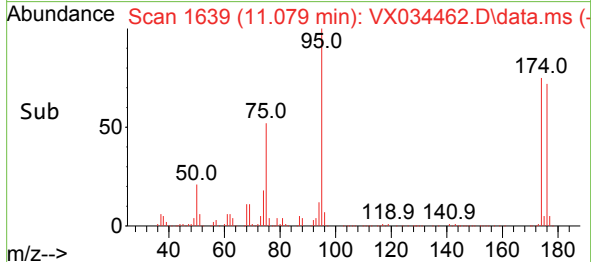
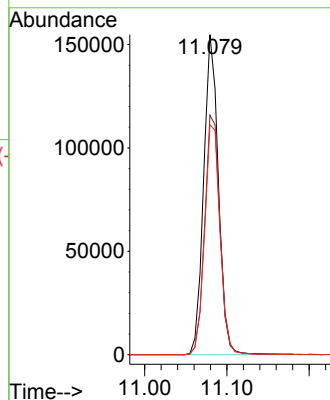
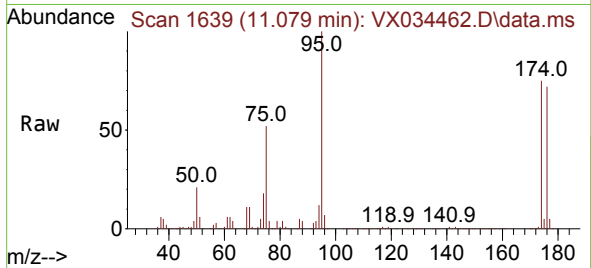




#62
4-Bromofluorobenzene
Concen: 45.171 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034462.D
Acq: 14 Mar 2023 14:09

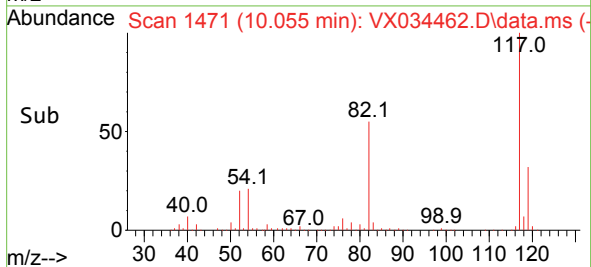
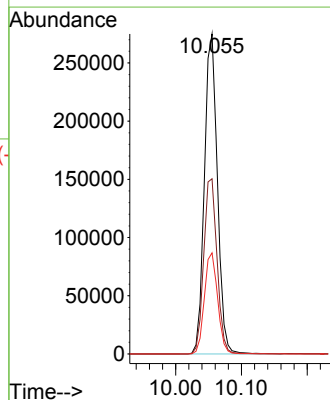
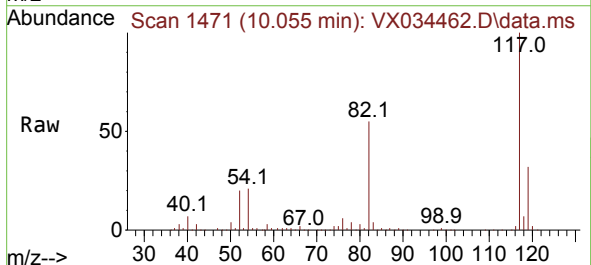
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20230310

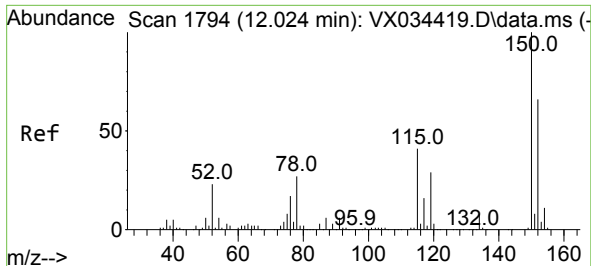
Tgt Ion: 95 Resp: 192226
Ion Ratio Lower Upper
95 100
174 78.1 0.0 147.4
176 75.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034462.D
Acq: 14 Mar 2023 14:09

Tgt Ion: 117 Resp: 378266
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 31.6 26.0 39.0

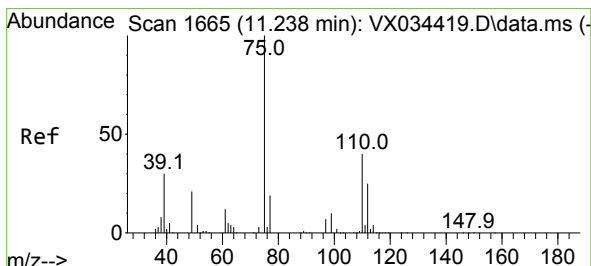
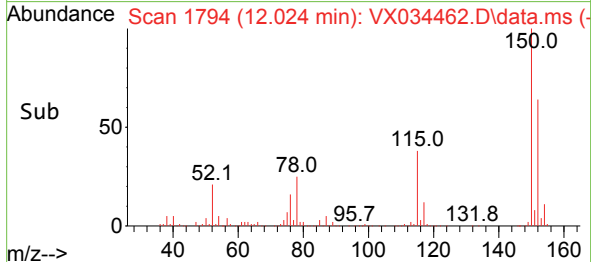
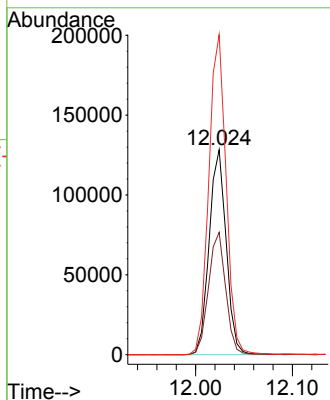
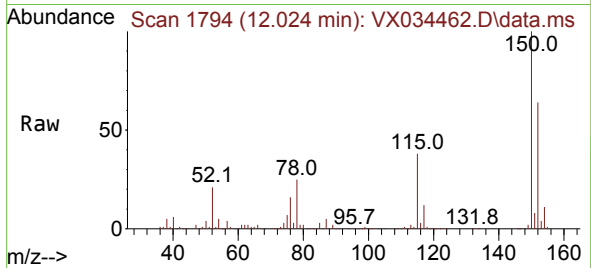




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034462.D
 Acq: 14 Mar 2023 14:09

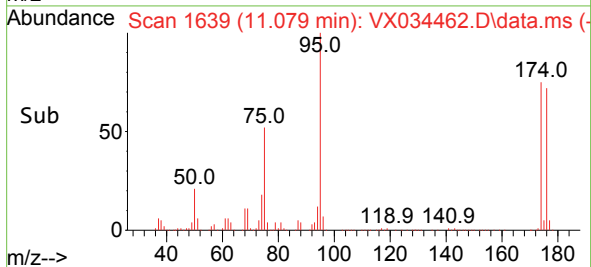
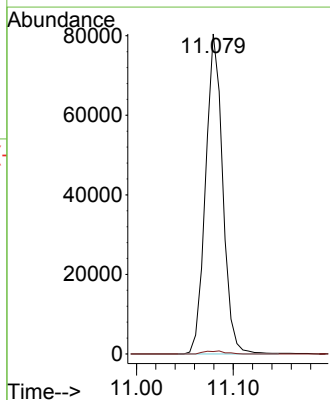
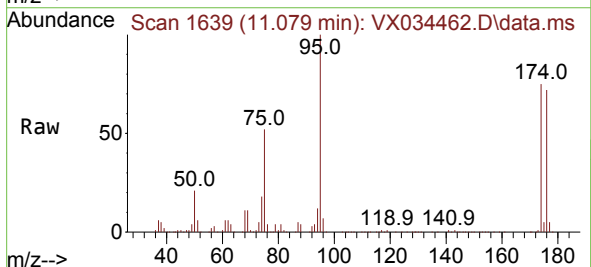
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20230310

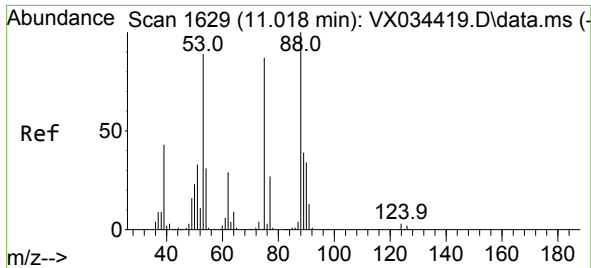
Tgt Ion:152 Resp: 157584
 Ion Ratio Lower Upper
 152 100
 115 60.3 45.0 135.0
 150 158.3 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 27.420 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034462.D
 Acq: 14 Mar 2023 14:09

Tgt Ion: 75 Resp: 99213
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.179 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034462.D
 Acq: 14 Mar 2023 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20230310

Tgt Ion: 75 Resp: 99213
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

