

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042818.D
 Acq On : 02 Aug 2024 02:18
 Operator : JC/MD
 Sample : P3430-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02-073124

Quant Time: Aug 02 05:41:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

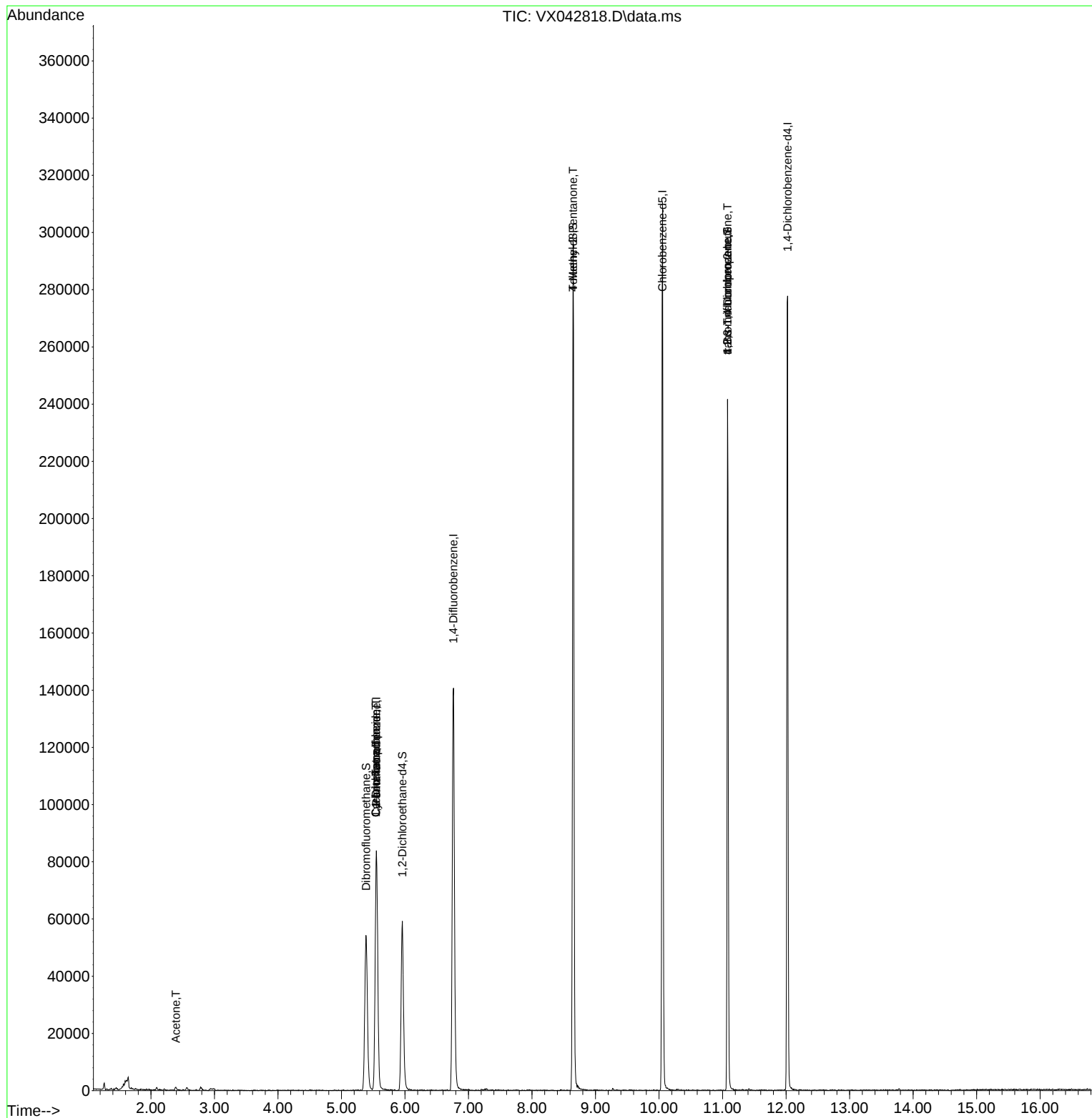
Internal Standards						
1) Pentafluorobenzene	5.550	168	74831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58330	48.518	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.040%		
35) Dibromofluoromethane	5.385	113	48096	47.923	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.840%		
50) Toluene-d8	8.647	98	177509	48.729	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.460%		
62) 4-Bromofluorobenzene	11.079	95	65705	49.356	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.720%		
Target Compounds						
3) Chloromethane	1.301	50	131	Below Cal	#	43
11) Tert butyl alcohol	2.989	59	810	Below Cal	#	78
16) Acetone	2.392	43	1355	3.104	ug/l #	83
20) Methylene Chloride	2.794	84	706	Below Cal	#	69
31) Cyclohexane	5.544	56	1482	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6209	4.771	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8736	5.824	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	862	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34573	26.040	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34573	77.071	ug/l #	5

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

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ClientSampleId :
TB-02-073124

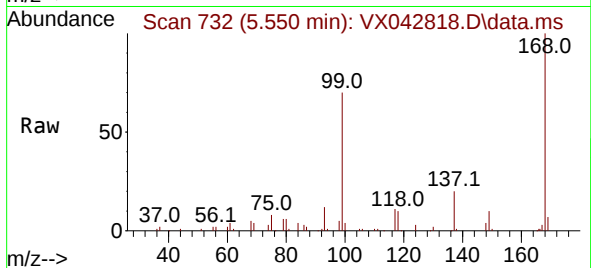
Quant Time: Aug 02 05:41:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 01 16:40:12 2024
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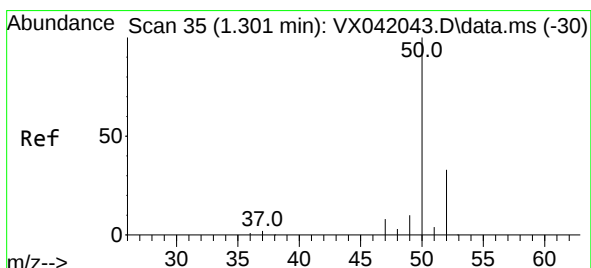
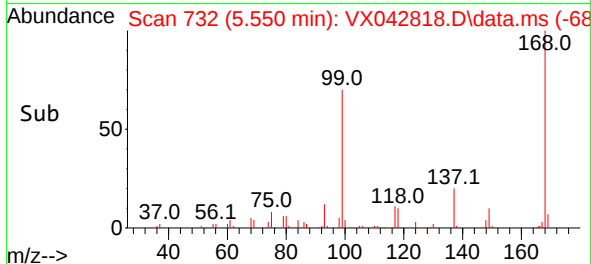
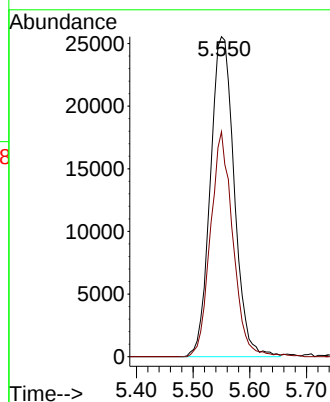


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042818.D
Acq: 02 Aug 2024 02:18

Instrument :
MSVOA_X
ClientSampleId :
TB-02-073124

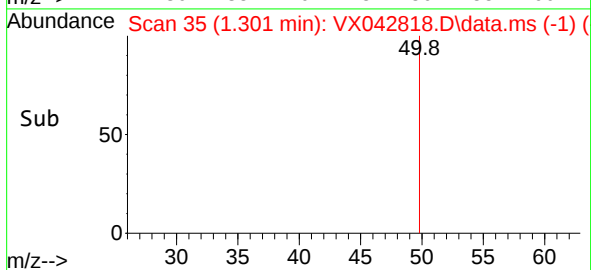
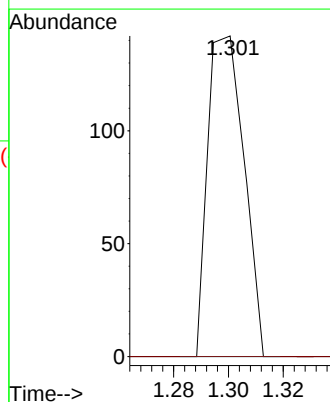
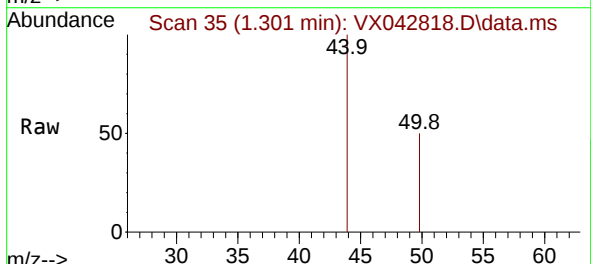


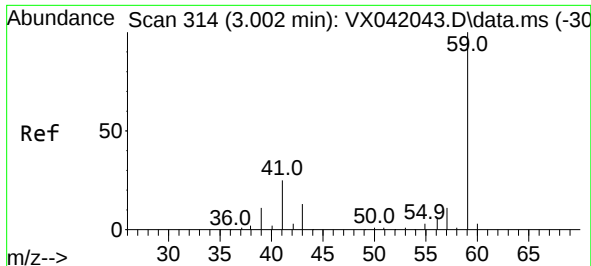
Tgt Ion:168 Resp: 74831
Ion Ratio Lower Upper
168 100
99 70.3 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042818.D
Acq: 02 Aug 2024 02:18

Tgt Ion: 50 Resp: 131
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.989 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX042818.D

Acq: 02 Aug 2024 02:18

Instrument :

MSVOA_X

ClientSampleId :

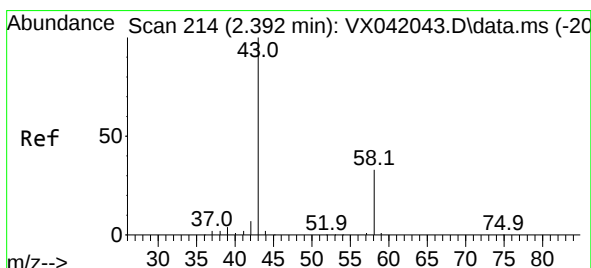
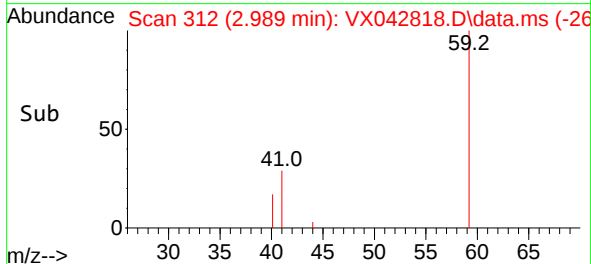
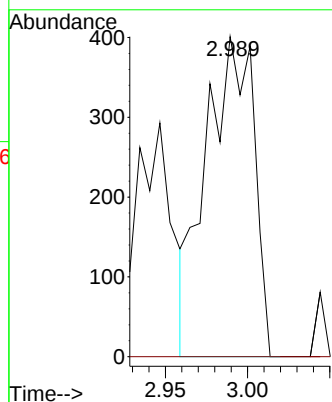
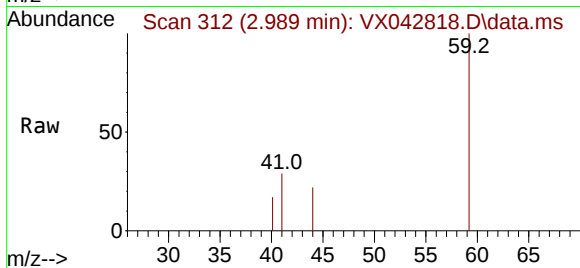
TB-02-073124

Tgt Ion: 59 Resp: 810

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 3.104 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042818.D

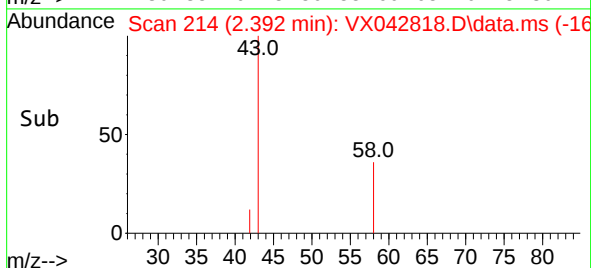
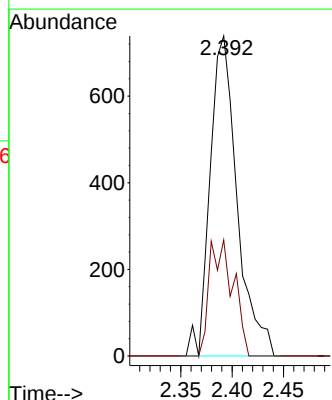
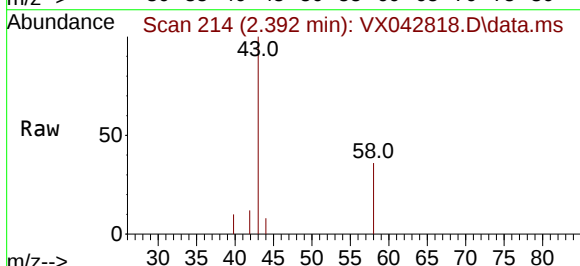
Acq: 02 Aug 2024 02:18

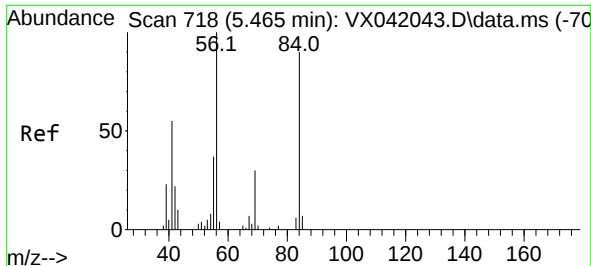
Tgt Ion: 43 Resp: 1355

Ion Ratio Lower Upper

43 100

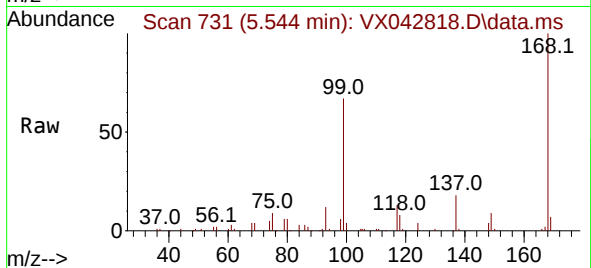
58 36.3 21.9 32.9#





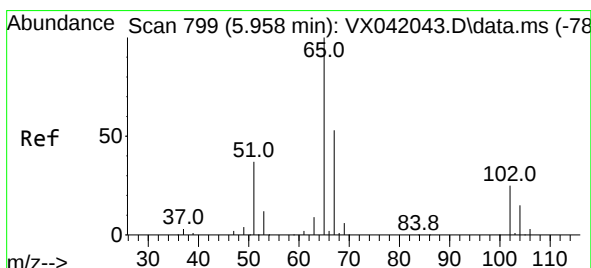
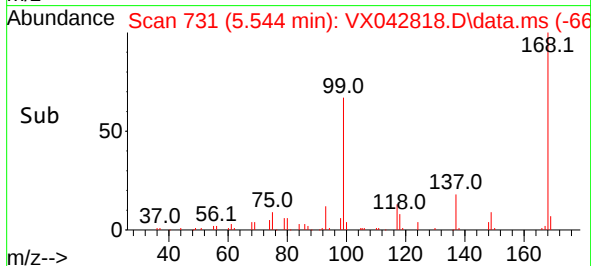
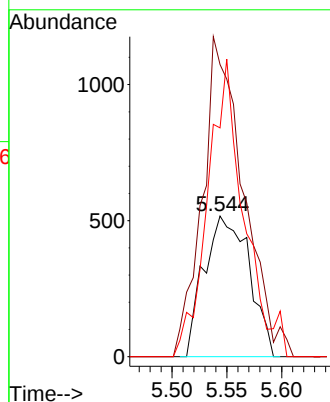
#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX042818.D
Acq: 02 Aug 2024 02:18

Instrument :
MSVOA_X
ClientSampleId :
TB-02-073124



Tgt Ion: 56 Resp: 1482

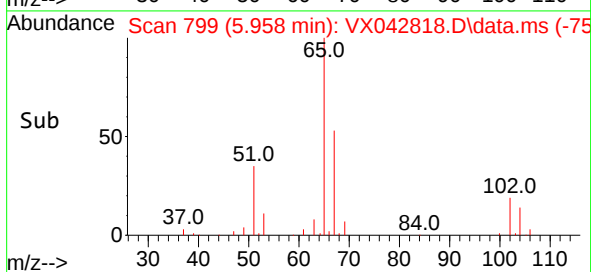
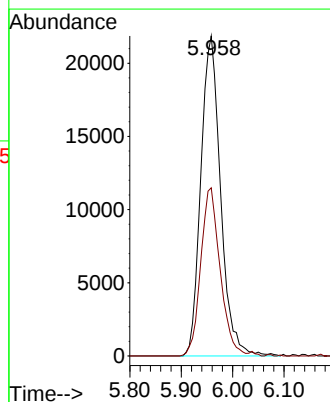
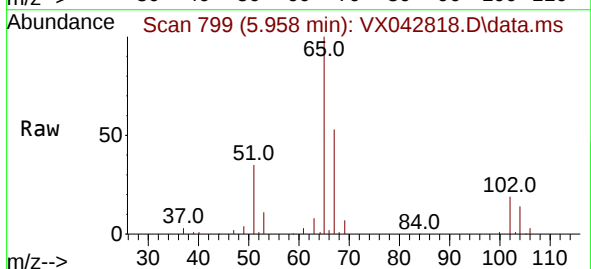
Ion	Ratio	Lower	Upper
56	100		
69	188.0	23.4	35.2#
84	151.1	65.9	98.9#

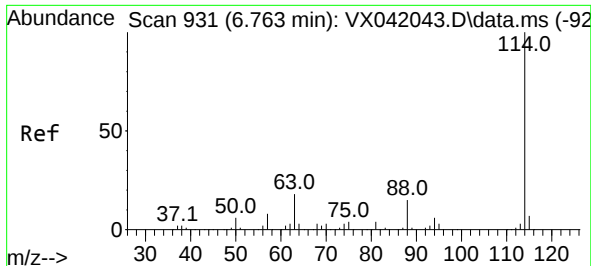


#33
1,2-Dichloroethane-d4
Concen: 48.518 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042818.D
Acq: 02 Aug 2024 02:18

Tgt Ion: 65 Resp: 58330

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX042818.D

Acq: 02 Aug 2024 02:18

Instrument :

MSVOA_X

ClientSampleId :

TB-02-073124

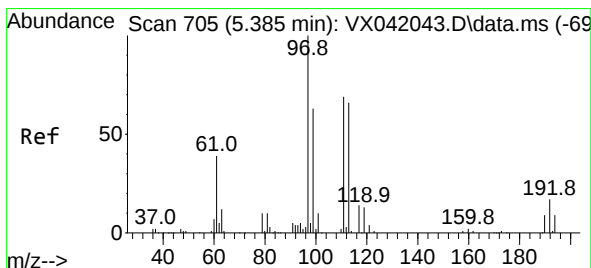
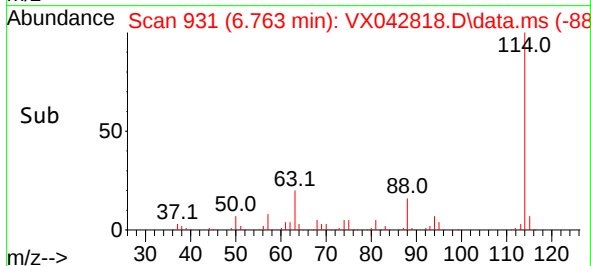
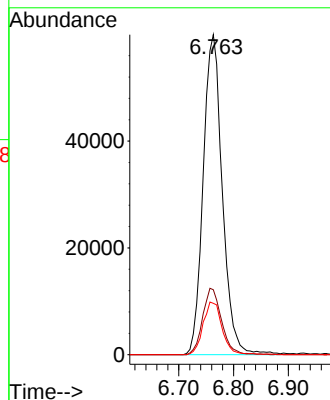
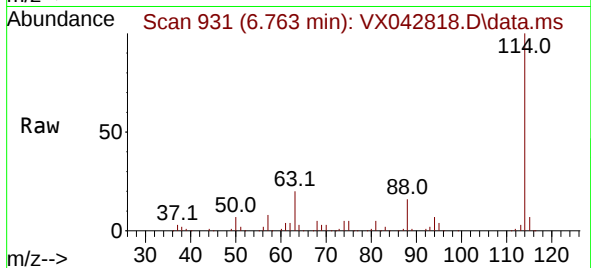
Tgt Ion:114 Resp: 145279

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 16.0 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.923 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042818.D

Acq: 02 Aug 2024 02:18

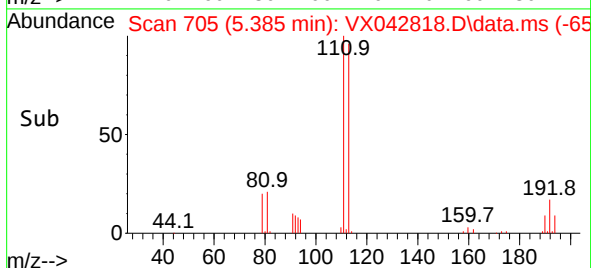
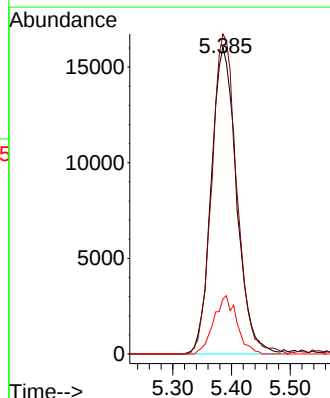
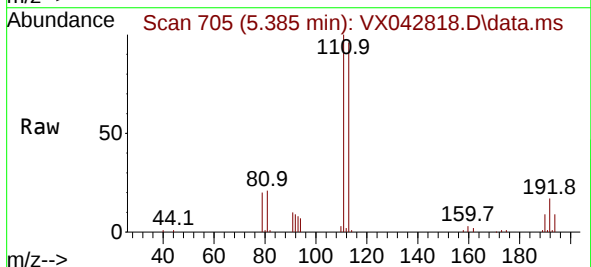
Tgt Ion:113 Resp: 48096

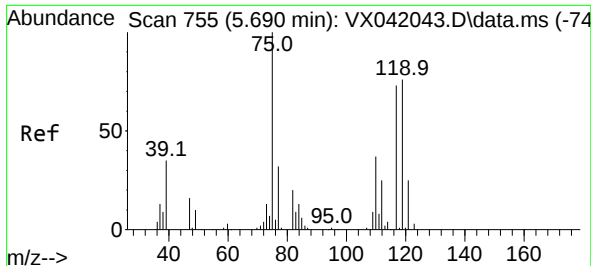
Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 17.3 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.771 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX042818.D

Acq: 02 Aug 2024 02:18

Instrument :

MSVOA_X

ClientSampleId :

TB-02-073124

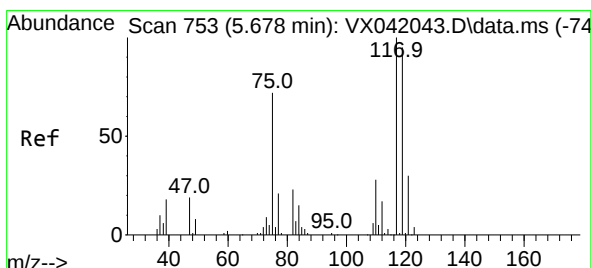
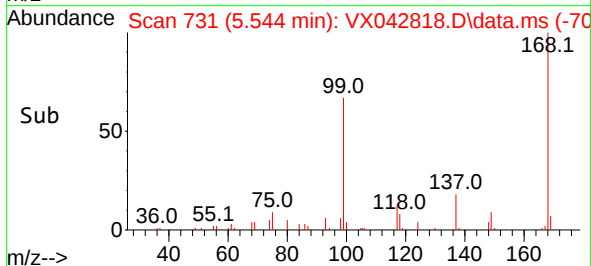
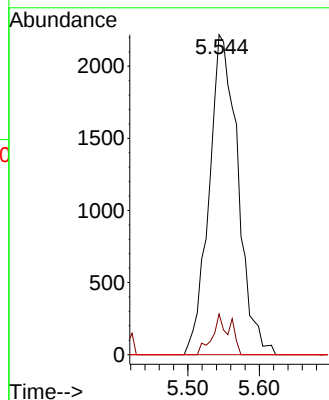
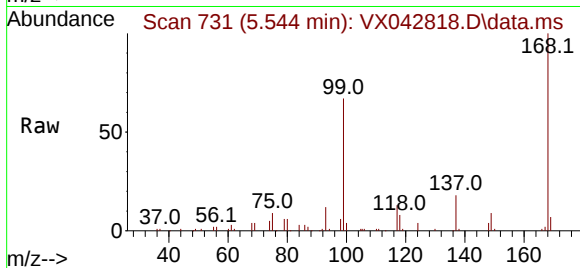
Tgt Ion: 75 Resp: 6209

Ion Ratio Lower Upper

75 100

110 7.8 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.824 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX042818.D

Acq: 02 Aug 2024 02:18

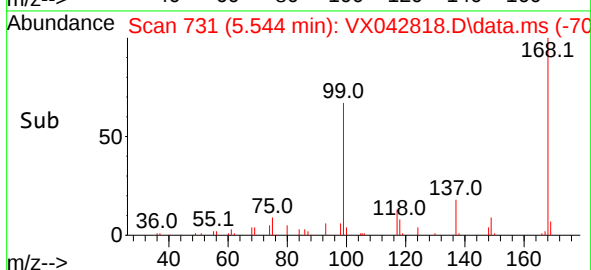
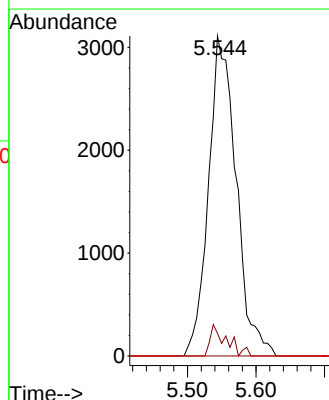
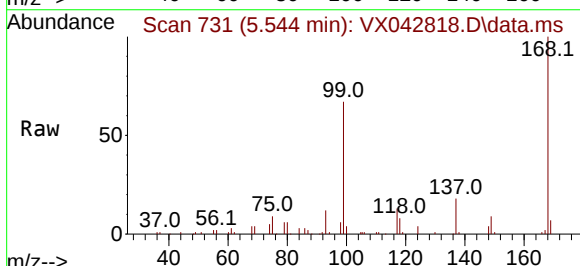
Tgt Ion: 117 Resp: 8736

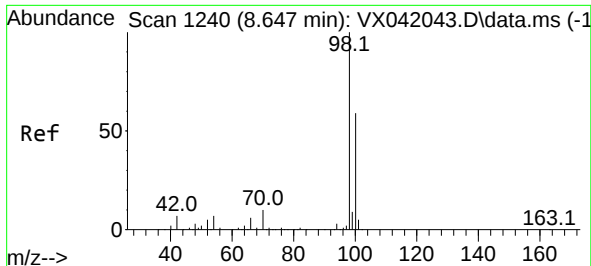
Ion Ratio Lower Upper

117 100

119 7.1 78.2 117.2#

121 0.0 24.4 36.6#

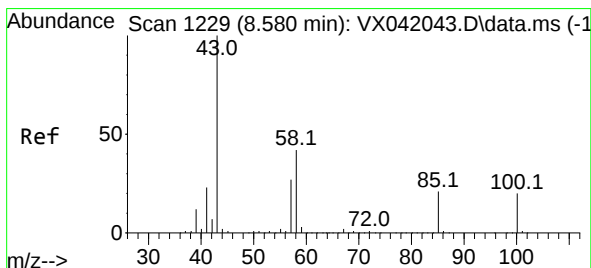
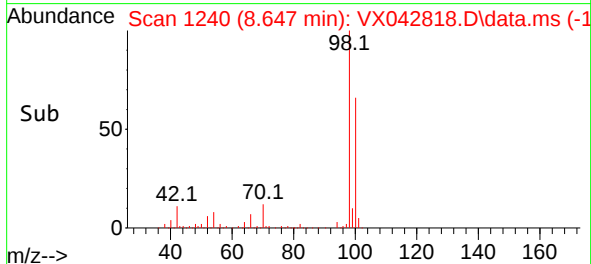
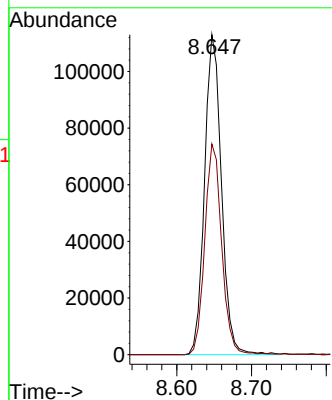
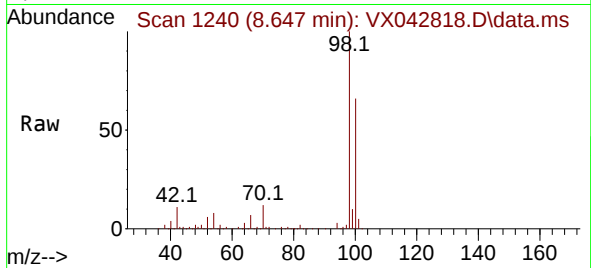




#50
Toluene-d8
Concen: 48.729 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042818.D
Acq: 02 Aug 2024 02:18

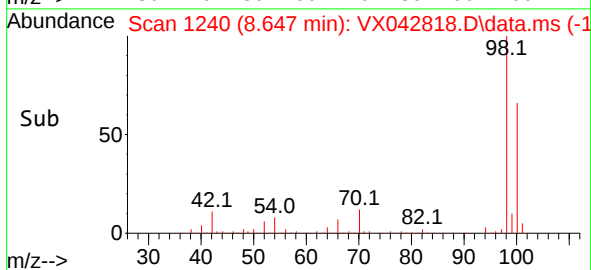
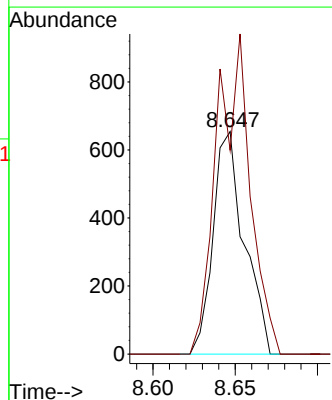
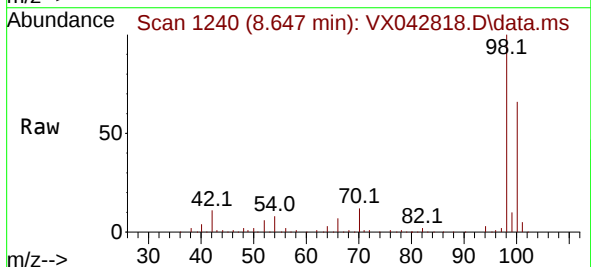
Instrument :
MSVOA_X
ClientSampleId :
TB-02-073124

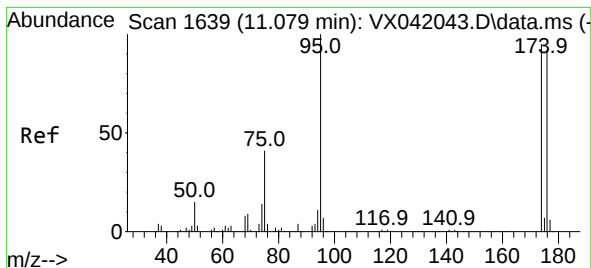
Tgt Ion: 98 Resp: 177509
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.626 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042818.D
Acq: 02 Aug 2024 02:18

Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 153.9 30.4 45.6#

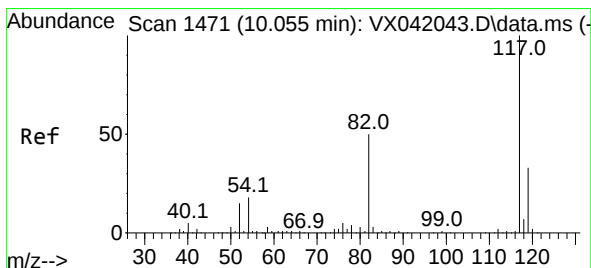
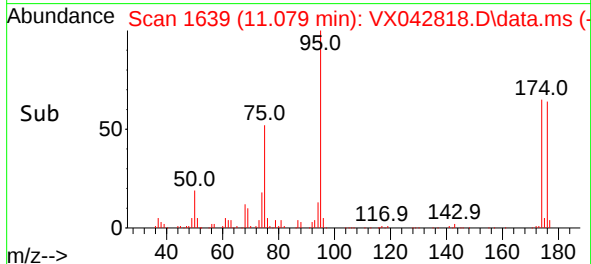
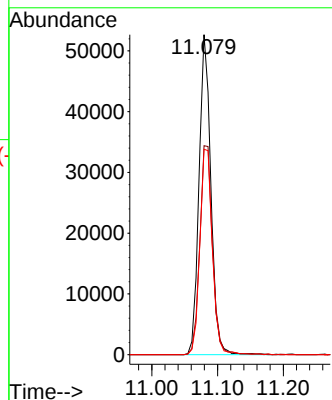
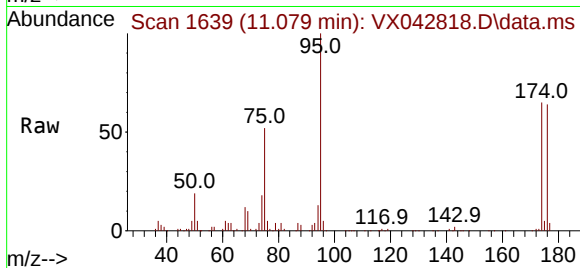




#62
4-Bromofluorobenzene
Concen: 49.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042818.D
Acq: 02 Aug 2024 02:18

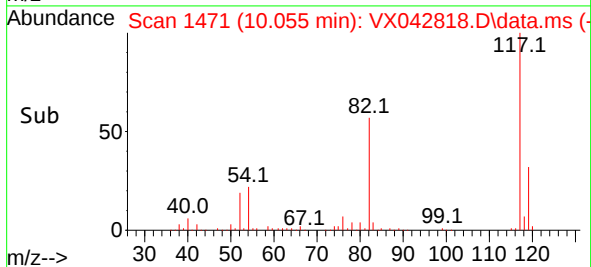
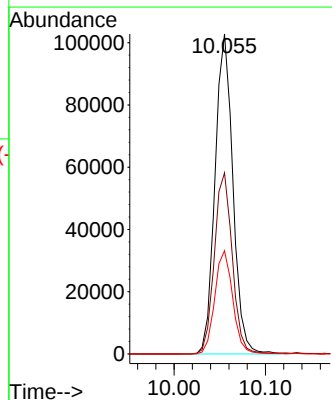
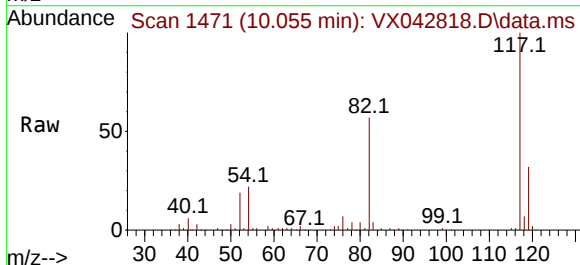
Instrument :
MSVOA_X
ClientSampleId :
TB-02-073124

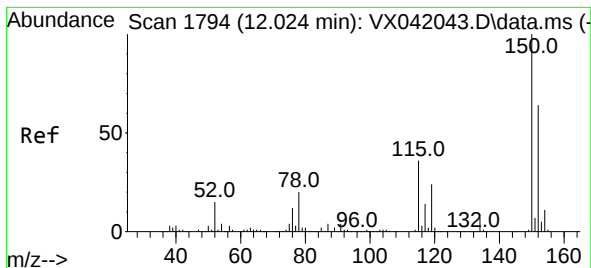
Tgt Ion: 95 Resp: 65705
Ion Ratio Lower Upper
95 100
174 70.6 0.0 135.6
176 68.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042818.D
Acq: 02 Aug 2024 02:18

Tgt Ion: 117 Resp: 139591
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042818.D

Acq: 02 Aug 2024 02:18

Instrument :

MSVOA_X

ClientSampleId :

TB-02-073124

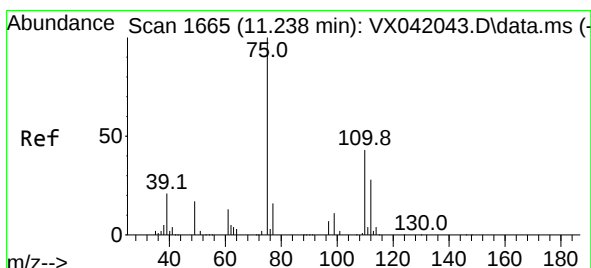
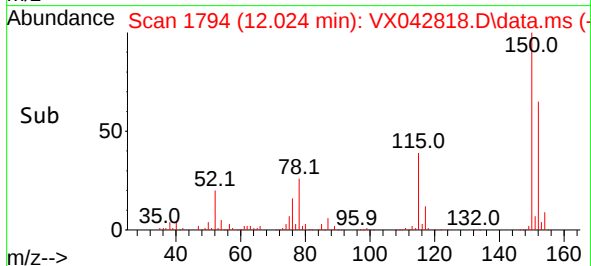
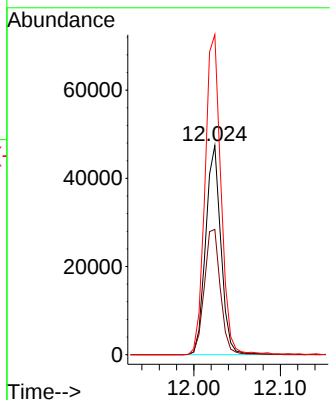
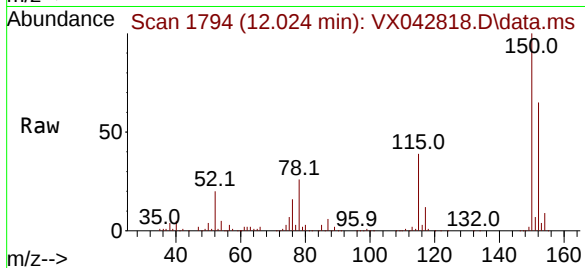
Tgt Ion:152 Resp: 58105

Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 159.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.040 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042818.D

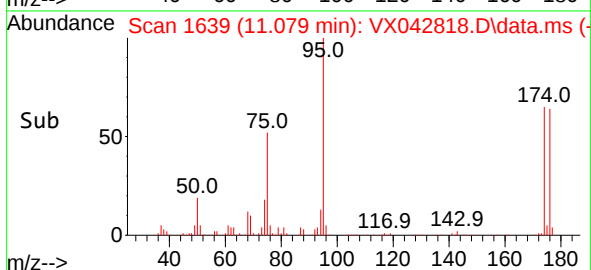
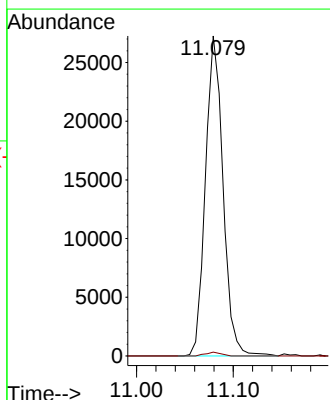
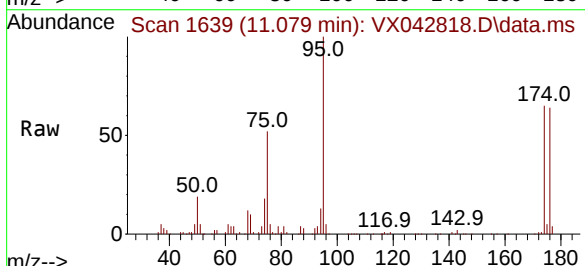
Acq: 02 Aug 2024 02:18

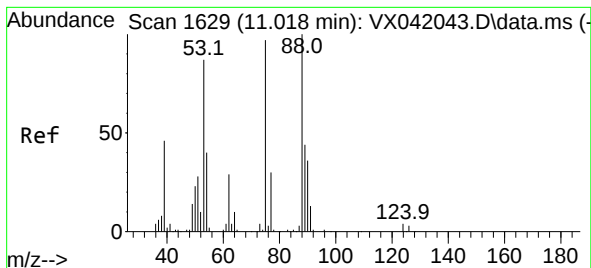
Tgt Ion: 75 Resp: 34573

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.071 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042818.D
 Acq: 02 Aug 2024 02:18

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02-073124

Tgt Ion: 75 Resp: 34573
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

