

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026230.D
 Acq On : 03 Jan 2022 19:05
 Operator : JC/MD
 Sample : M5242-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 03:53:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

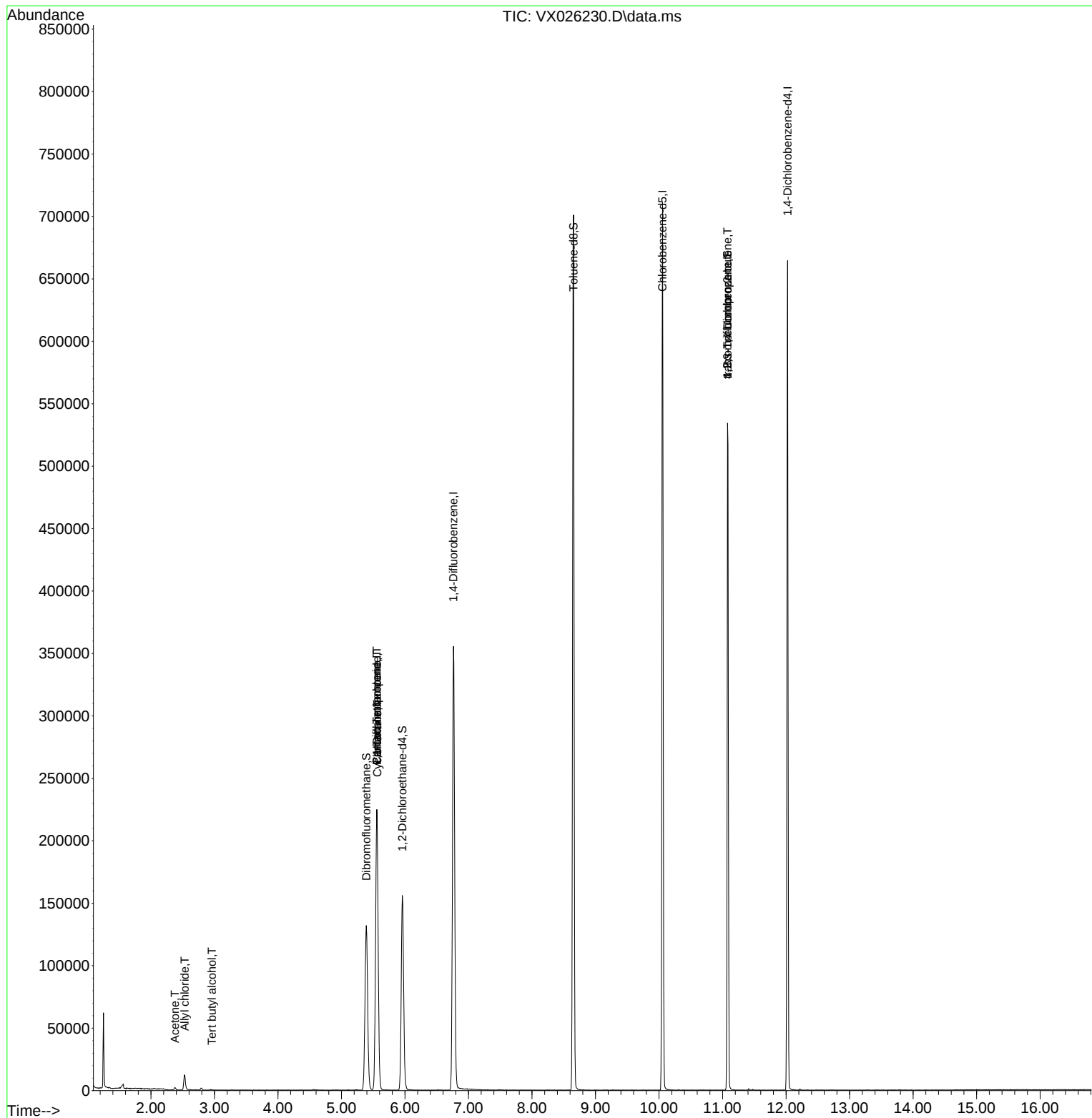
Internal Standards						
1) Pentafluorobenzene	5.556	168	200268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	345717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153525	52.989	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.980%		
35) Dibromofluoromethane	5.391	113	113558	50.524	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.040%		
50) Toluene-d8	8.653	98	406737	48.651	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.300%		
62) 4-Bromofluorobenzene	11.079	95	140387	47.171	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.340%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	259	0.448	ug/l #	73
14) Allyl chloride	2.532	41	1361	0.311	ug/l #	71
16) Acetone	2.380	43	2243	1.429	ug/l	94
20) Methylene Chloride	2.788	84	647	Below Cal	#	77
31) Cyclohexane	5.562	56	4852	1.176	ug/l #	17
36) 1,1-Dichloropropene	5.556	75	17831	4.919	ug/l #	49
38) Carbon Tetrachloride	5.556	117	21525	5.338	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	76634	25.368	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	76634	73.389	ug/l #	10

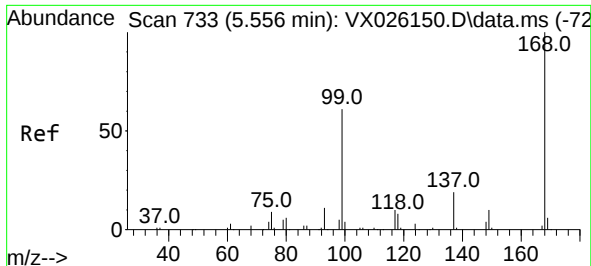
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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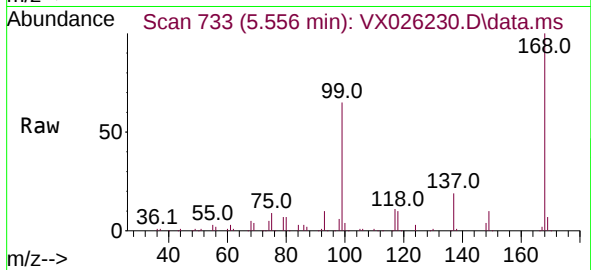
Quant Time: Jan 04 03:53:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



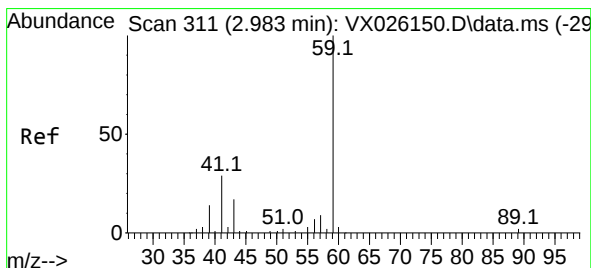
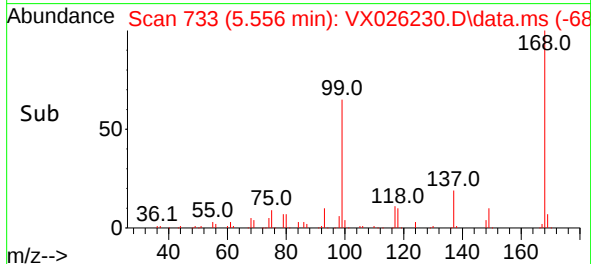
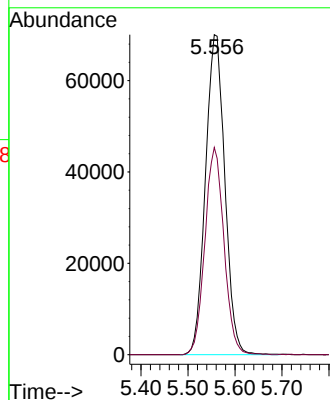


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026230.D
Acq: 03 Jan 2022 19:05

Instrument :
MSVOA_X
ClientSampleId :

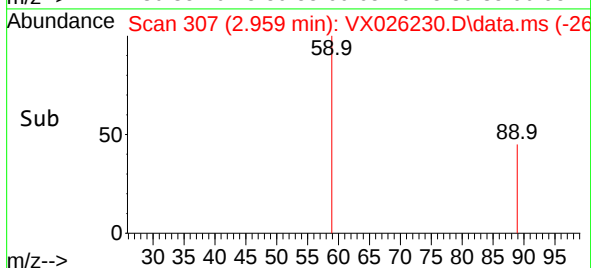
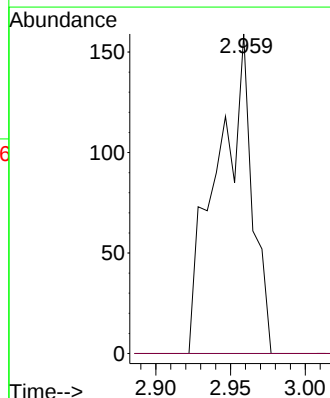
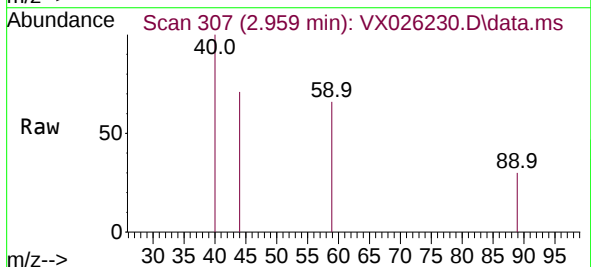


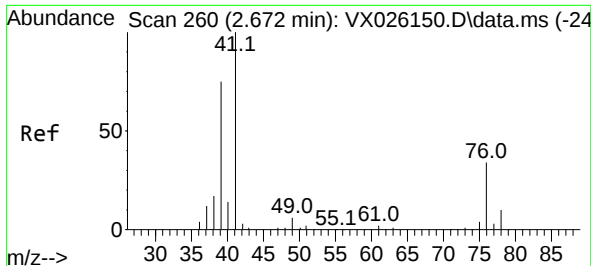
Tgt Ion:168 Resp: 200268
Ion Ratio Lower Upper
168 100
99 64.8 45.8 68.8



#11
Tert butyl alcohol
Concen: 0.448 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX026230.D
Acq: 03 Jan 2022 19:05

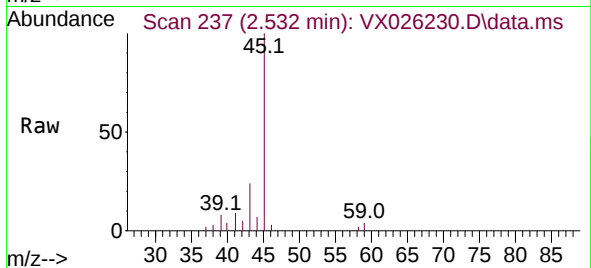
Tgt Ion: 59 Resp: 259
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



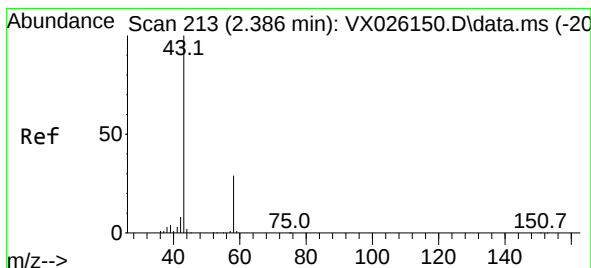
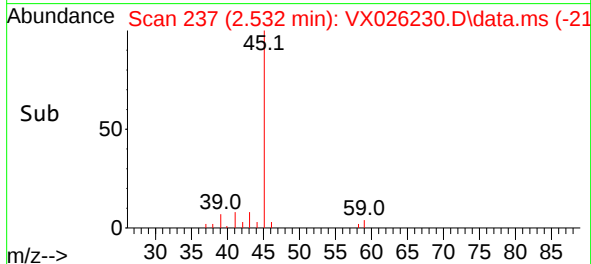
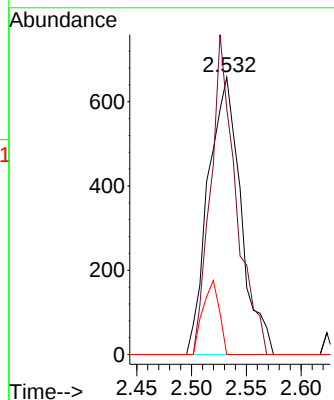


#14
 Allyl chloride
 Concen: 0.311 ug/l
 RT: 2.532 min Scan# 21
 Delta R.T. -0.140 min
 Lab File: VX026230.D
 Acq: 03 Jan 2022 19:05

Instrument :
 MSVOA_X
 ClientSampleId :

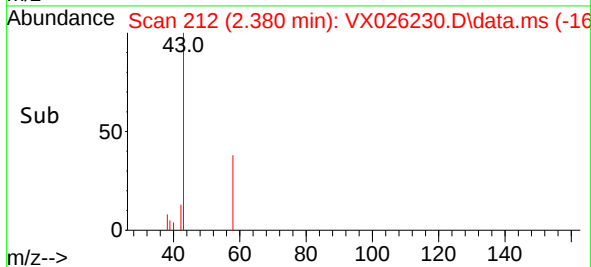
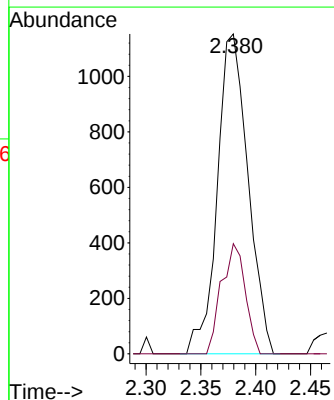
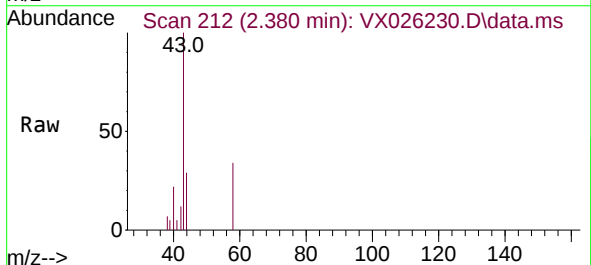


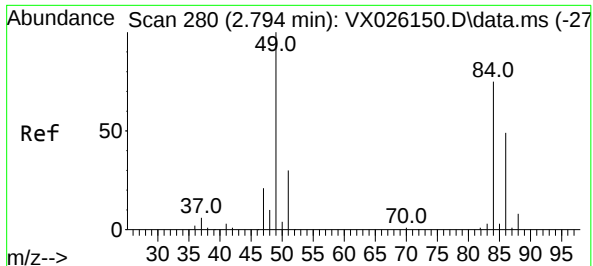
Tgt Ion: 41 Resp: 1361
 Ion Ratio Lower Upper
 41 100
 39 89.4 55.4 83.0#
 76 13.4 27.6 41.4#



#16
 Acetone
 Concen: 1.429 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX026230.D
 Acq: 03 Jan 2022 19:05

Tgt Ion: 43 Resp: 2243
 Ion Ratio Lower Upper
 43 100
 58 34.4 24.8 37.2





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX026230.D

Acq: 03 Jan 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 647

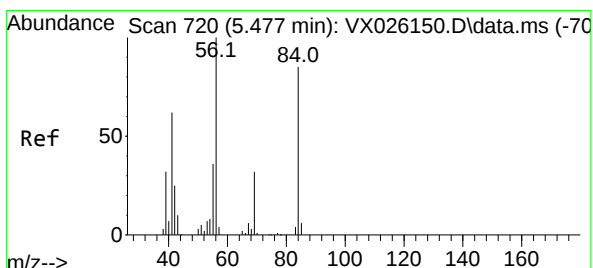
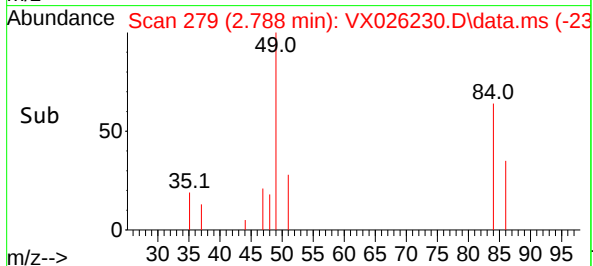
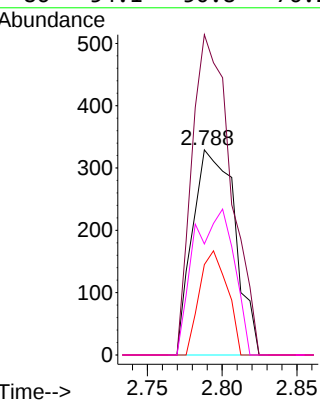
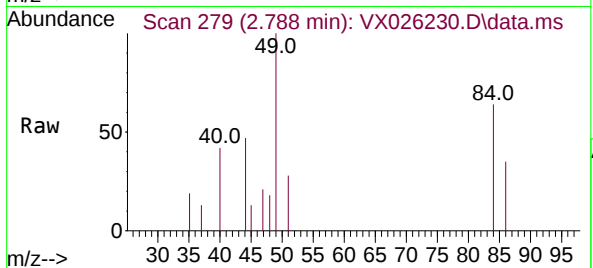
Ion Ratio Lower Upper

84 100

49 156.2 97.1 145.7#

51 44.1 29.3 43.9#

86 54.1 50.8 76.2



#31

Cyclohexane

Concen: 1.176 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX026230.D

Acq: 03 Jan 2022 19:05

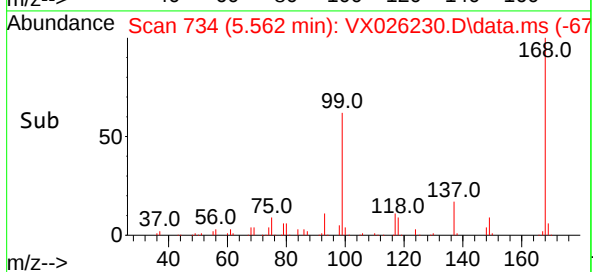
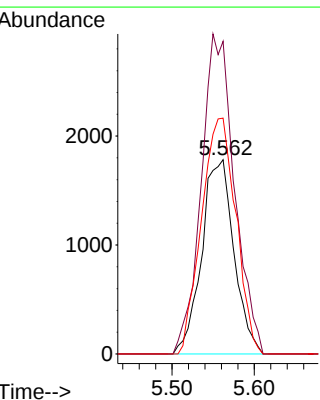
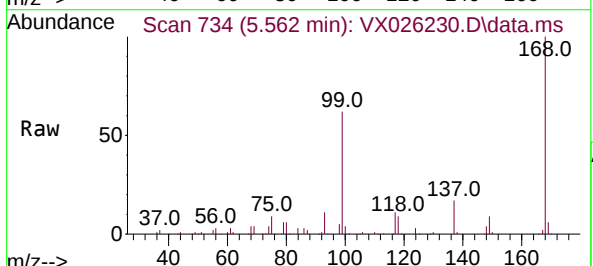
Tgt Ion: 56 Resp: 4852

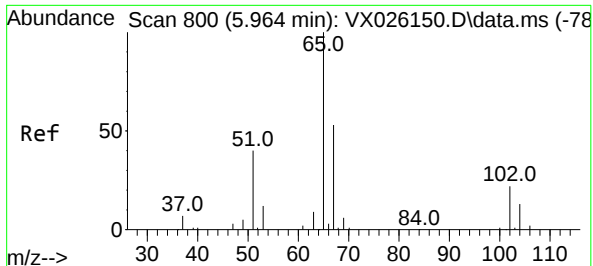
Ion Ratio Lower Upper

56 100

69 160.9 23.9 35.9#

84 121.4 73.2 109.8#





#33

1,2-Dichloroethane-d4

Concen: 52.989 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026230.D

Acq: 03 Jan 2022 19:05

Instrument :

MSVOA_X

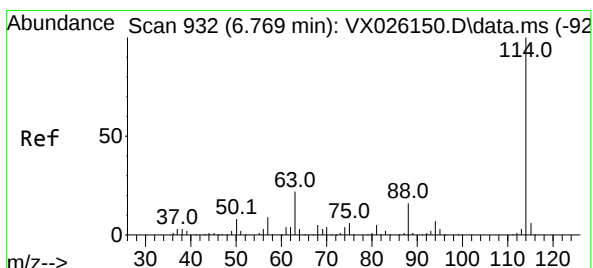
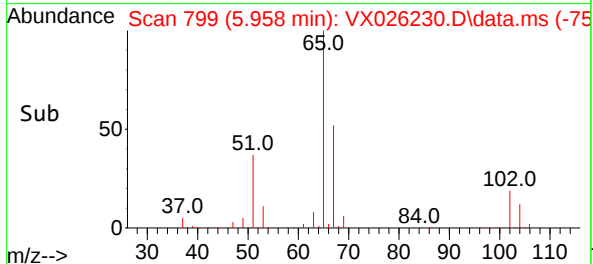
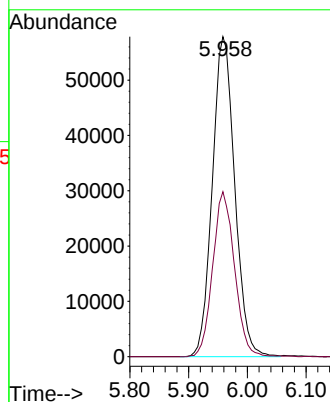
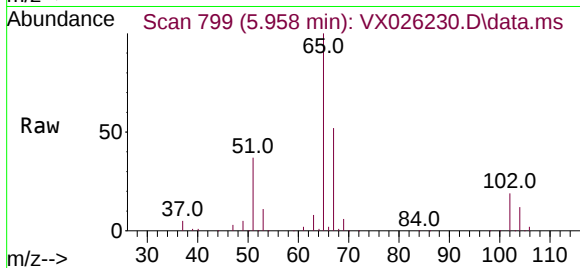
ClientSampleId :

Tgt Ion: 65 Resp: 153525

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026230.D

Acq: 03 Jan 2022 19:05

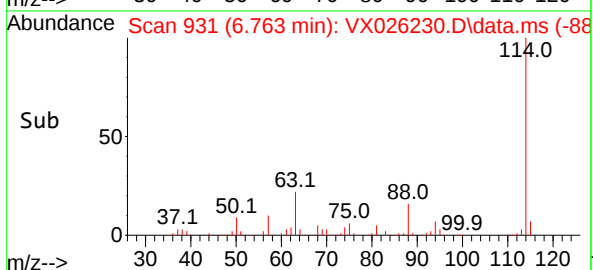
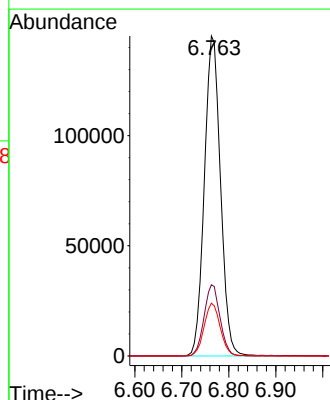
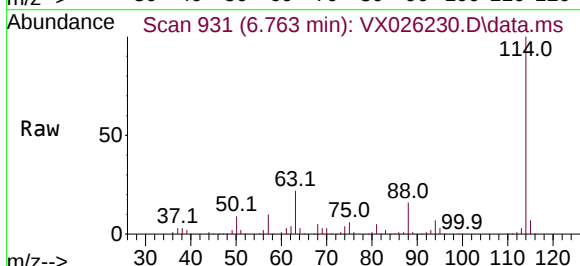
Tgt Ion: 114 Resp: 345717

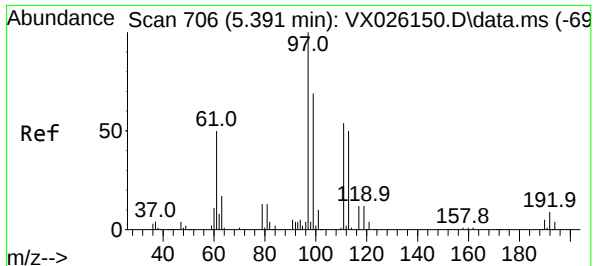
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.524 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

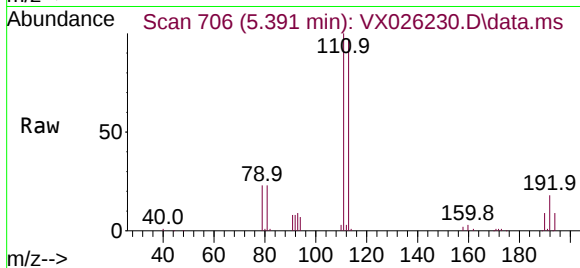
Lab File: VX026230.D

Acq: 03 Jan 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :



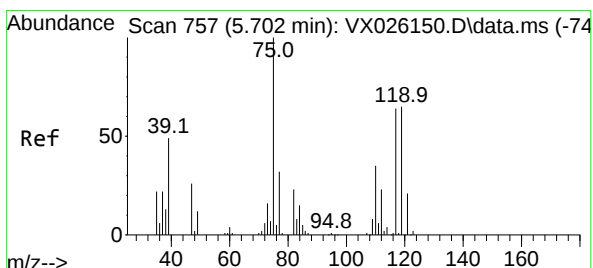
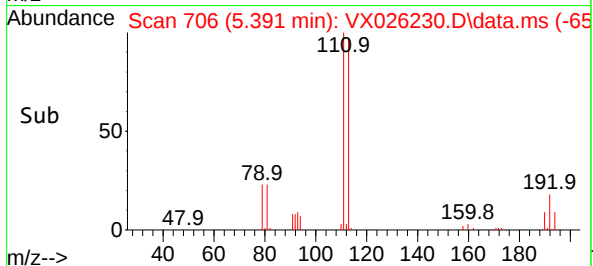
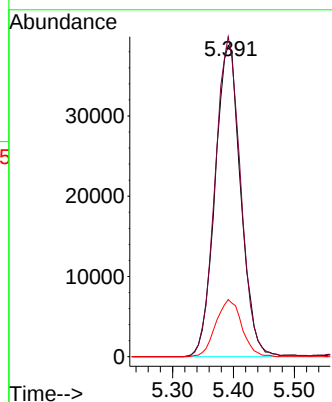
Tgt Ion:113 Resp: 113558

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 18.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.919 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026230.D

Acq: 03 Jan 2022 19:05

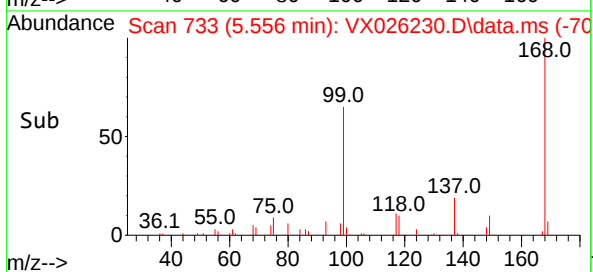
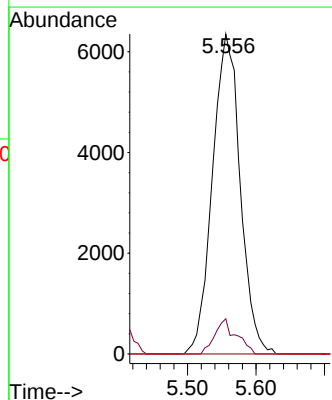
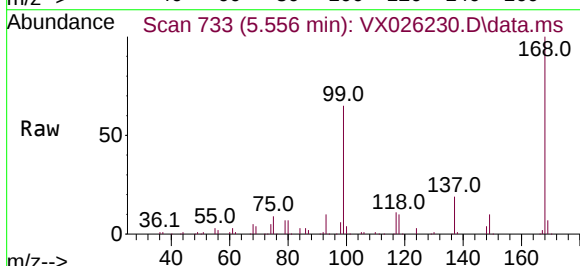
Tgt Ion: 75 Resp: 17831

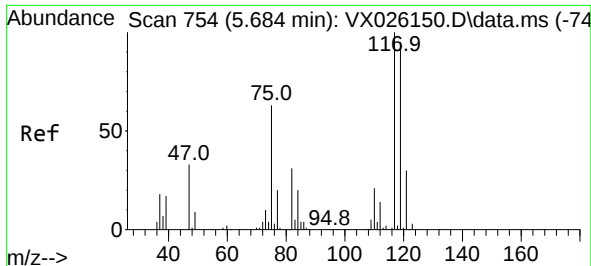
Ion Ratio Lower Upper

75 100

110 8.4 18.2 54.6#

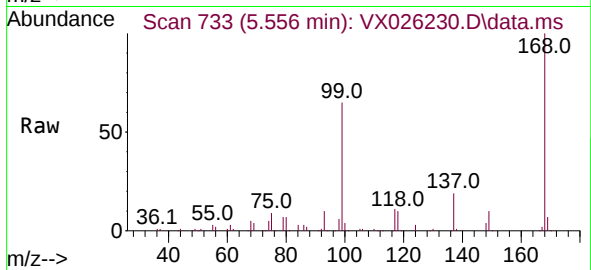
77 0.0 24.7 37.1#



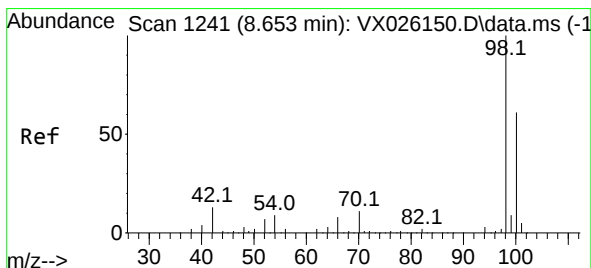
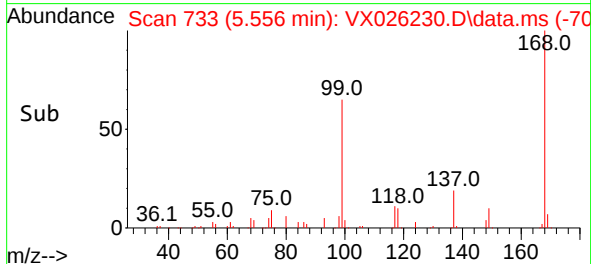
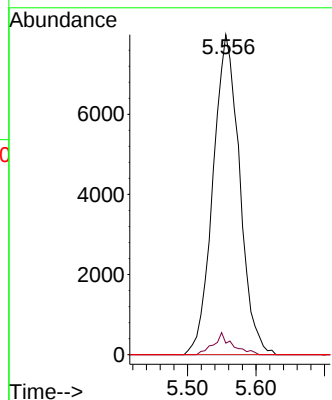


#38
Carbon Tetrachloride
Concen: 5.338 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026230.D
Acq: 03 Jan 2022 19:05

Instrument :
MSVOA_X
ClientSampleId :

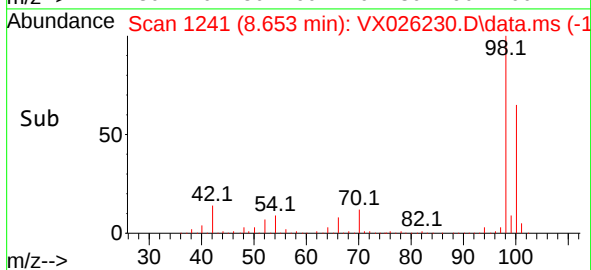
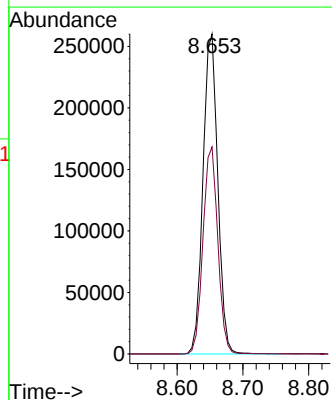
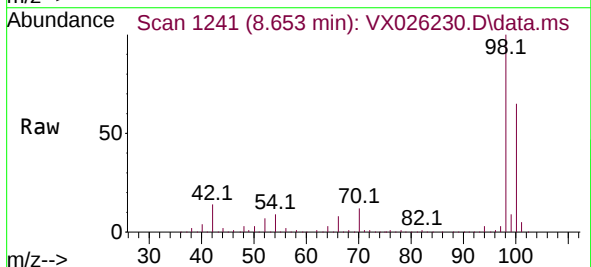


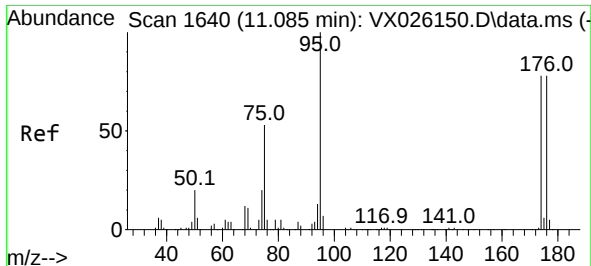
Tgt Ion:117 Resp: 21525
Ion Ratio Lower Upper
117 100
119 3.6 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 48.651 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026230.D
Acq: 03 Jan 2022 19:05

Tgt Ion: 98 Resp: 406737
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

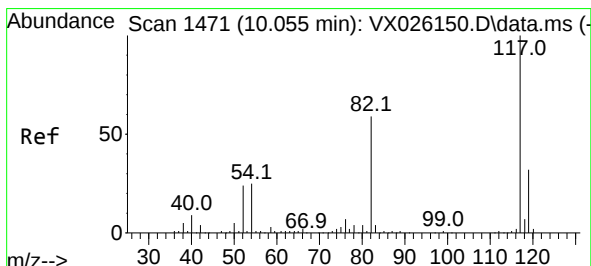
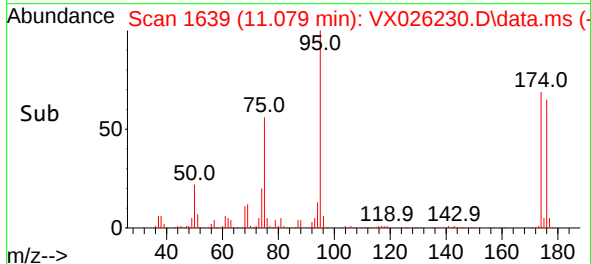
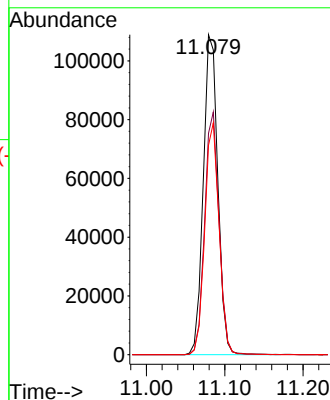
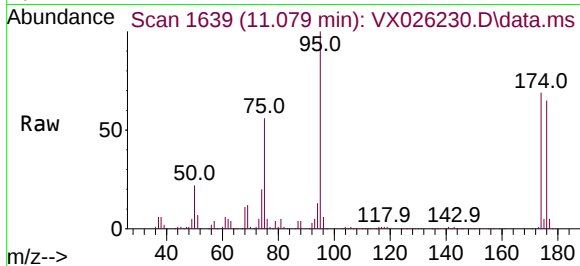




#62
4-Bromofluorobenzene
Concen: 47.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026230.D
Acq: 03 Jan 2022 19:05

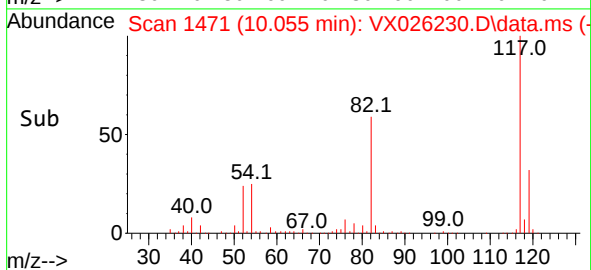
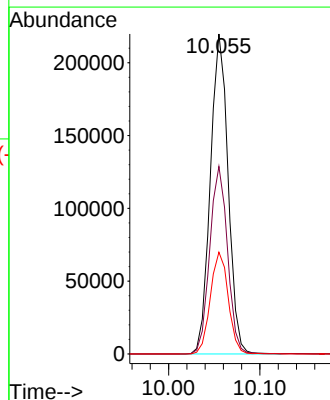
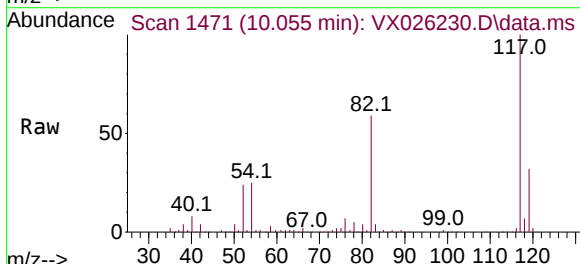
Instrument :
MSVOA_X
ClientSampleId :

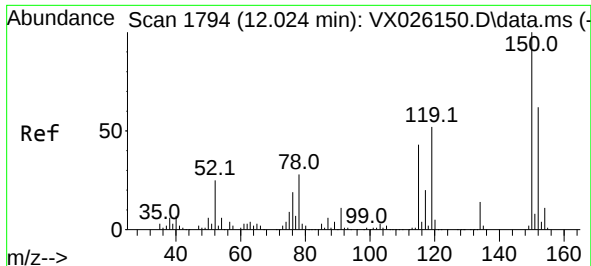
Tgt Ion: 95 Resp: 140387
Ion Ratio Lower Upper
95 100
174 74.8 0.0 157.4
176 71.4 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026230.D
Acq: 03 Jan 2022 19:05

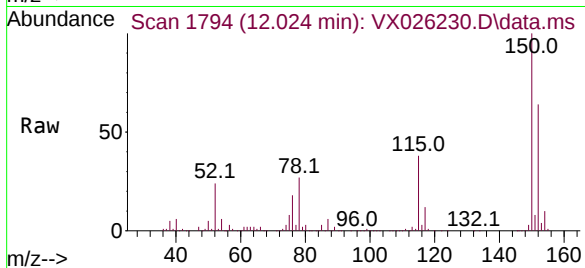
Tgt Ion: 117 Resp: 296955
Ion Ratio Lower Upper
117 100
82 58.6 43.8 65.6
119 31.8 25.2 37.8



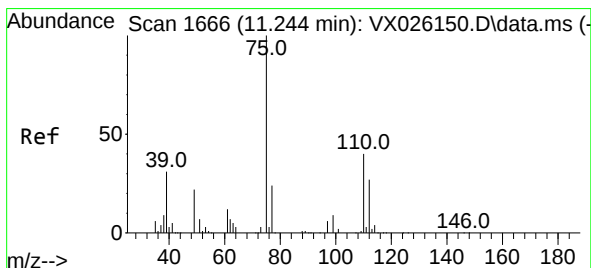
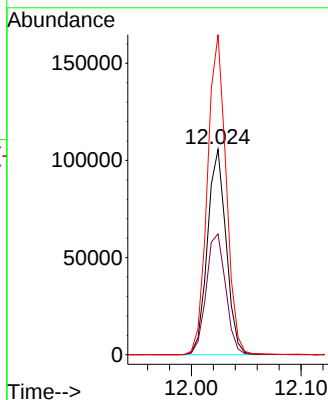
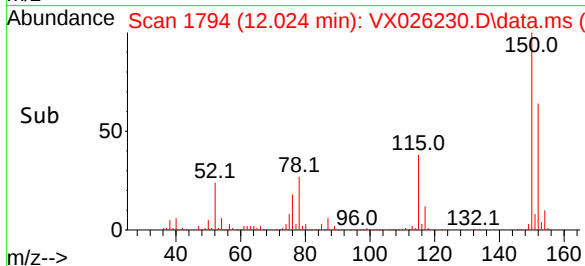


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026230.D
 Acq: 03 Jan 2022 19:05

Instrument :
 MSVOA_X
 ClientSampleId :

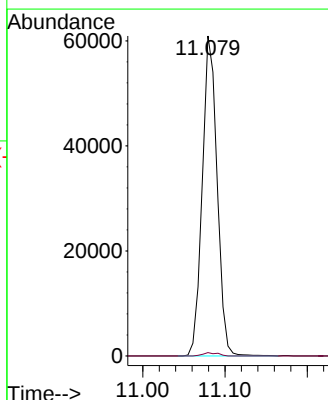
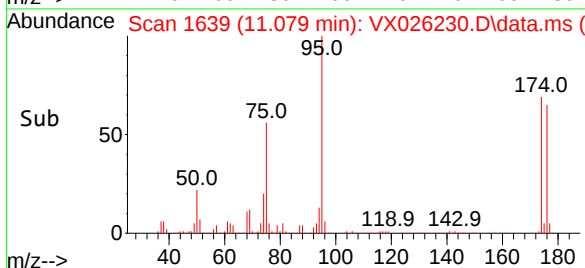
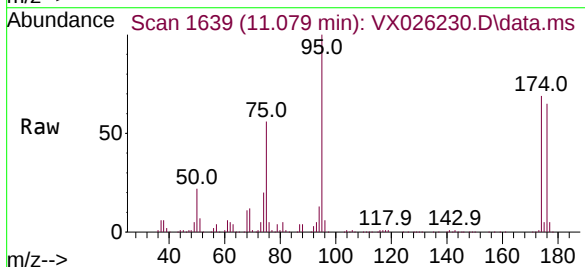


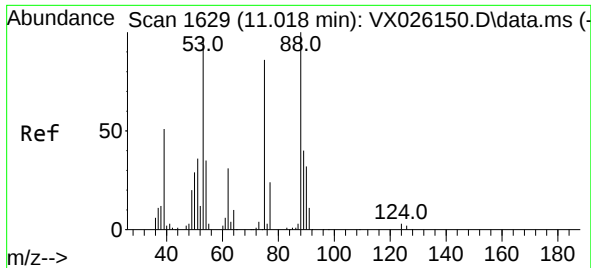
Tgt Ion:152 Resp: 125155
 Ion Ratio Lower Upper
 152 100
 115 61.4 41.3 123.9
 150 155.9 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 25.368 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026230.D
 Acq: 03 Jan 2022 19:05

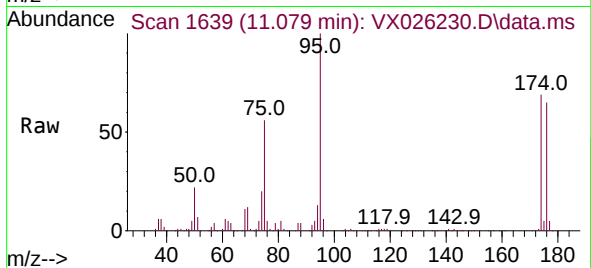
Tgt Ion: 75 Resp: 76634
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.389 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026230.D
 Acq: 03 Jan 2022 19:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 76634
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

