

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026464.D
 Acq On : 14 Jan 2022 19:50
 Operator : JC/MD
 Sample : PB142010ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

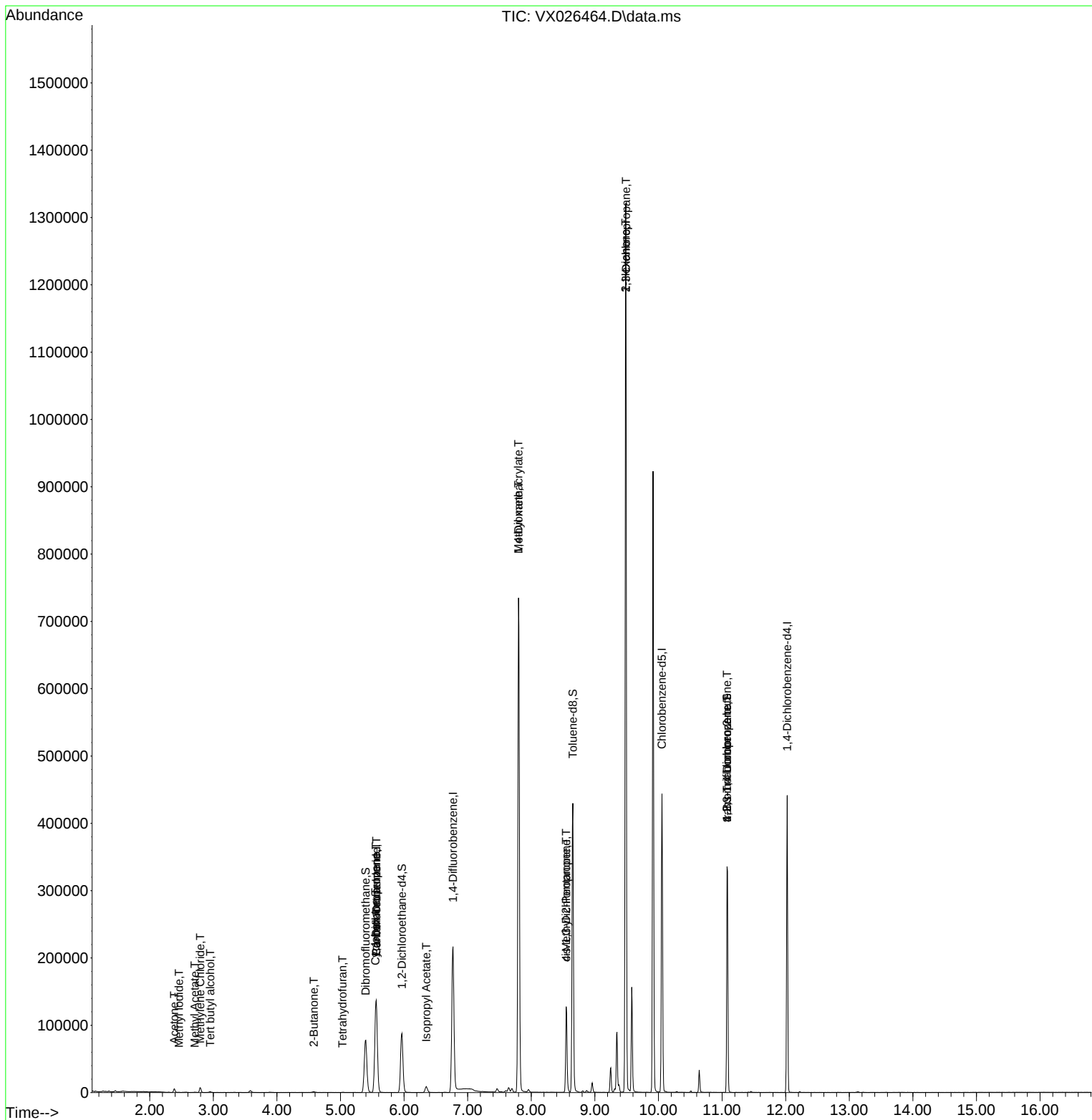
Instrument :
 MSVOA_X
 ClientSampleId :

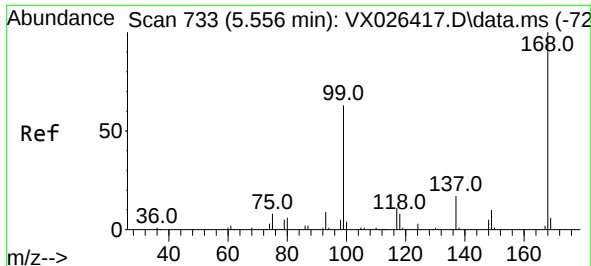
Quant Time: Jan 17 00:41:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	127308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	211209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	87752	49.343	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.680%
35) Dibromofluoromethane	5.397	113	68444	50.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.360%
50) Toluene-d8	8.653	98	247530	50.362	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.720%
62) 4-Bromofluorobenzene	11.079	95	93814	53.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.460%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	171	4.549	ug/l #	37
11) Tert butyl alcohol	2.953	59	791	3.197	ug/l #	75
16) Acetone	2.386	43	5858	6.459	ug/l	97
18) Methyl Acetate	2.709	43	779	0.432	ug/l #	80
20) Methylene Chloride	2.794	84	3175	2.119	ug/l	93
25) 2-Butanone	4.580	43	1305	1.106	ug/l #	80
29) Tetrahydrofuran	5.032	42	341	0.487	ug/l #	45
31) Cyclohexane	5.550	56	2646	1.009	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10343	4.804	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13297	6.004	ug/l #	17
43) Isopropyl Acetate	6.348	43	12360	3.513	ug/l	99
48) Methyl methacrylate	7.799	41	64228	36.836	ug/l #	45
49) 1,4-Dioxane	7.799	88	93	3.250	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	44878	21.505	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	19435	8.552	ug/l #	60
57) 1,3-Dichloropropane	9.488	76	11426	4.628	ug/l #	43
59) 2-Hexanone	9.482	43	167970	105.164	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	47625	25.745	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47625	78.106	ug/l #	3

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

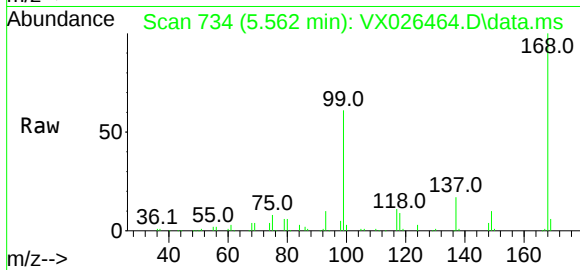
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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



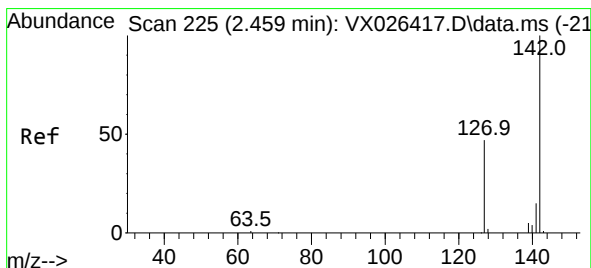
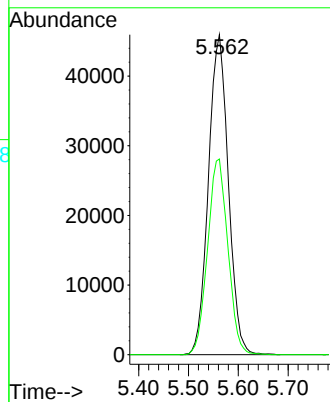
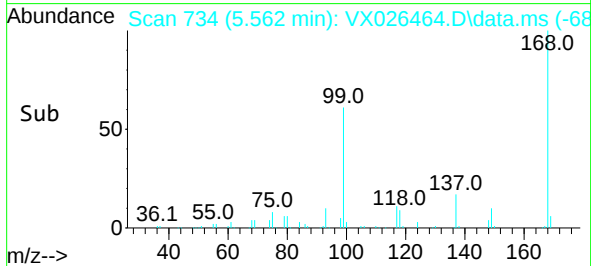


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

Instrument :
MSVOA_X
ClientSampleId :

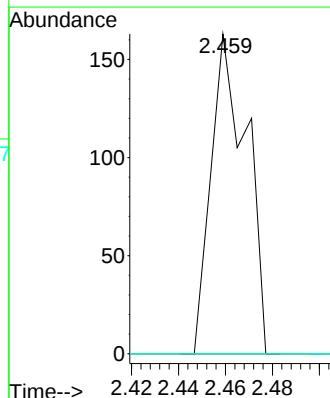
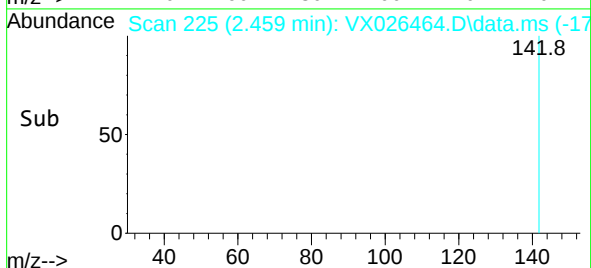
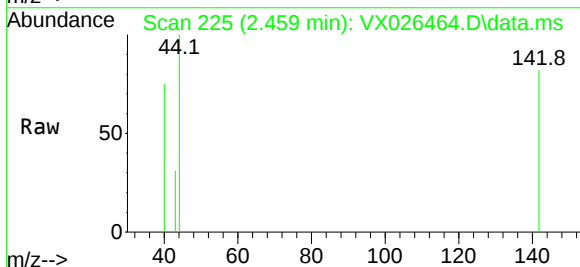


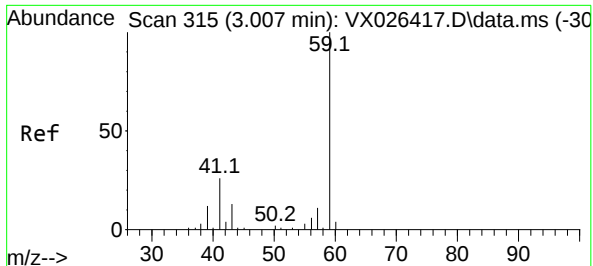
Tgt Ion:168 Resp: 127308
Ion Ratio Lower Upper
168 100
99 61.2 50.3 75.5



#10
Methyl Iodide
Concen: 4.549 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

Tgt Ion:142 Resp: 171
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 3.197 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.054 min

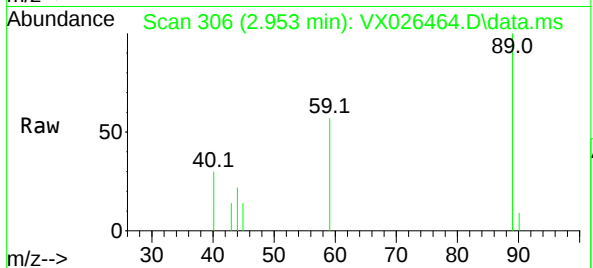
Lab File: VX026464.D

Acq: 14 Jan 2022 19:50

Instrument :

MSVOA_X

ClientSampleId :

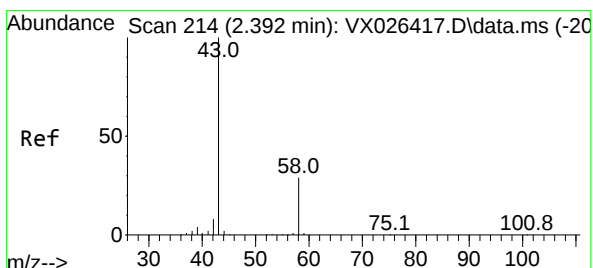
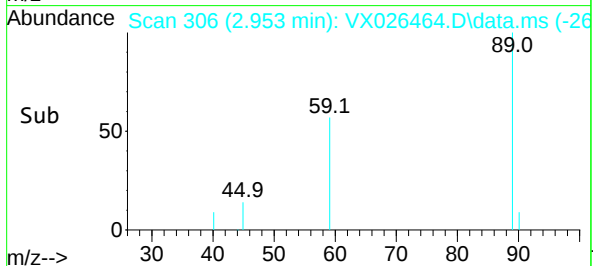
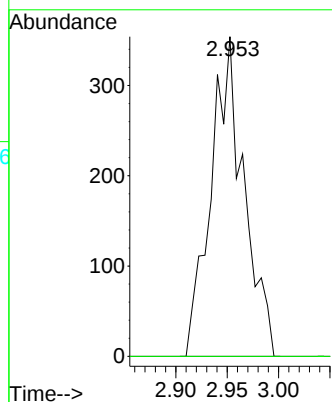


Tgt Ion: 59 Resp: 791

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 6.459 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026464.D

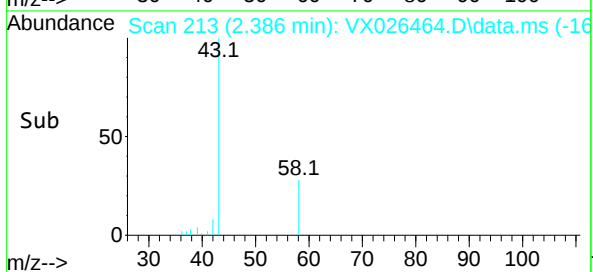
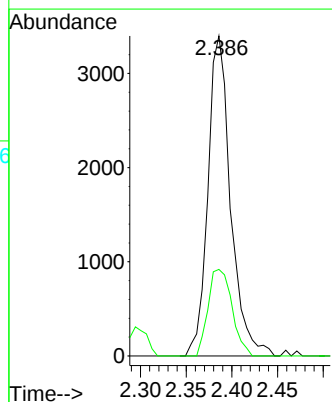
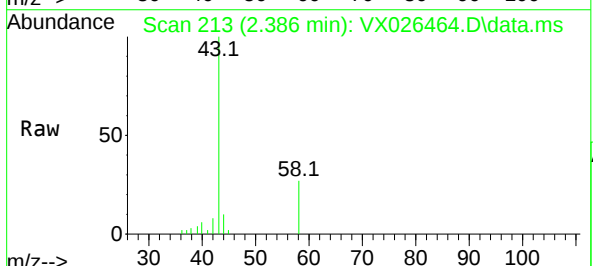
Acq: 14 Jan 2022 19:50

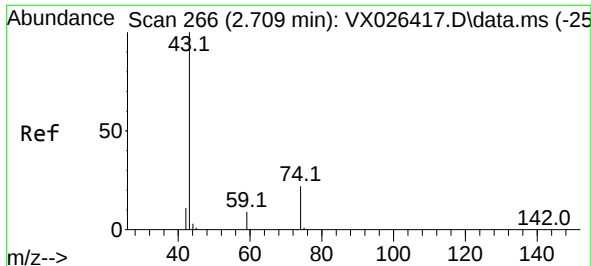
Tgt Ion: 43 Resp: 5858

Ion Ratio Lower Upper

43 100

58 27.0 23.0 34.6

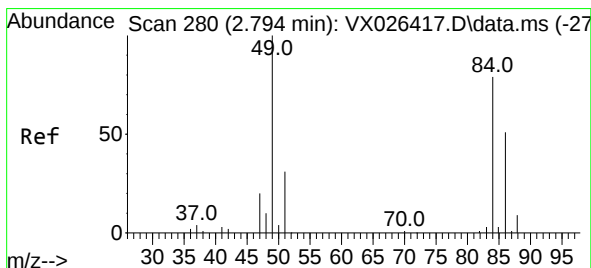
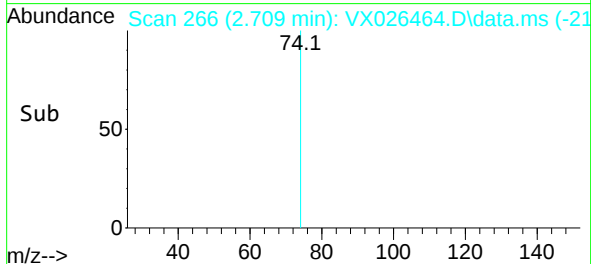
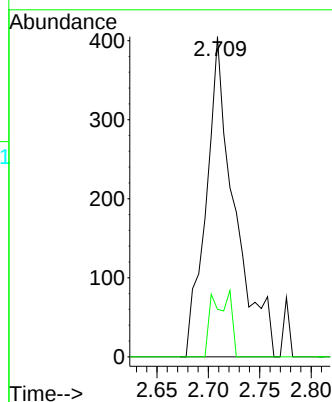
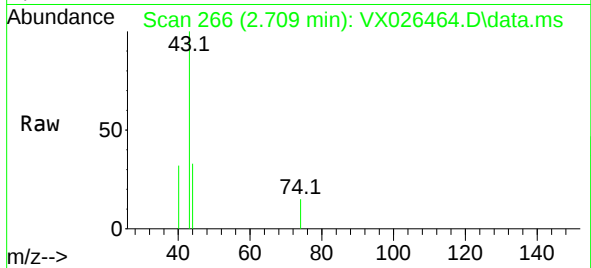




#18
Methyl Acetate
Concen: 0.432 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

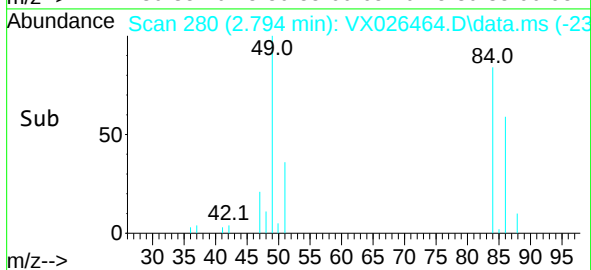
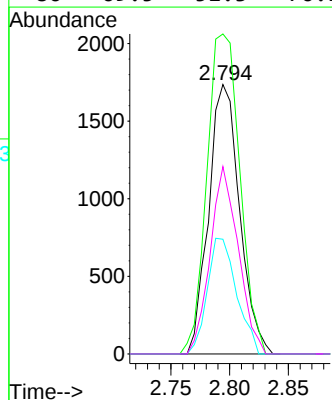
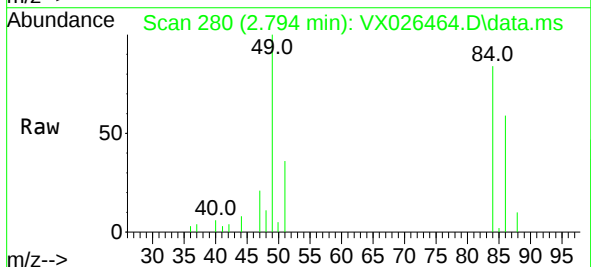
Instrument :
MSVOA_X
ClientSampleId :

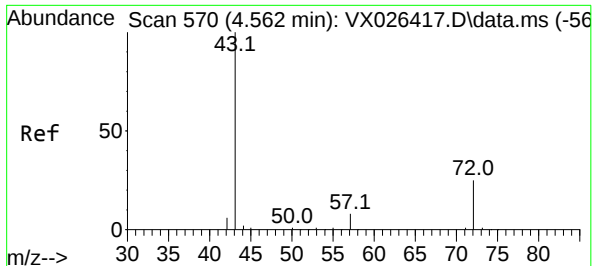
Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
74 13.2 18.3 27.5#



#20
Methylene Chloride
Concen: 2.119 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

Tgt Ion: 84 Resp: 3175
Ion Ratio Lower Upper
84 100
49 118.8 101.5 152.3
51 42.6 31.2 46.8
86 69.5 51.3 76.9





#25

2-Butanone

Concen: 1.106 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026464.D

Acq: 14 Jan 2022 19:50

Instrument :

MSVOA_X

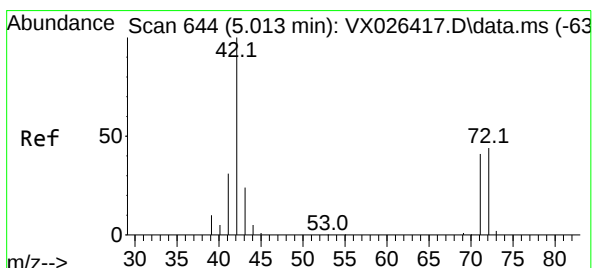
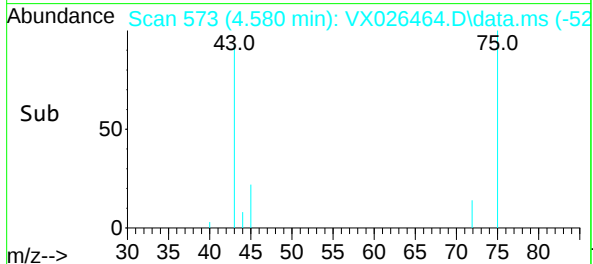
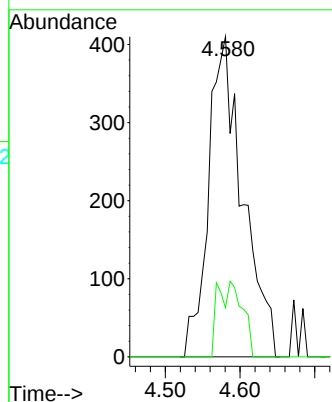
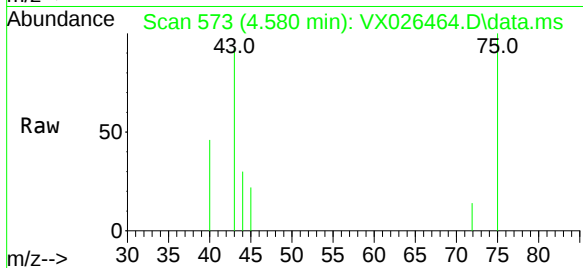
ClientSampleId :

Tgt Ion: 43 Resp: 1305

Ion Ratio Lower Upper

43 100

72 15.4 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.487 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX026464.D

Acq: 14 Jan 2022 19:50

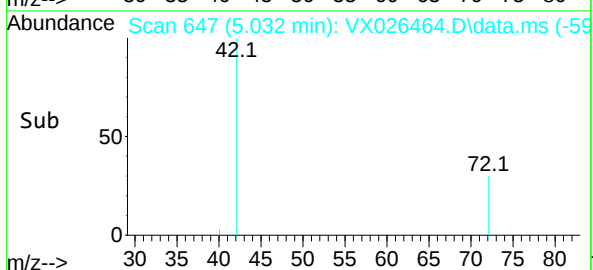
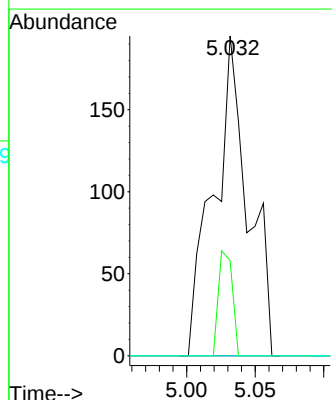
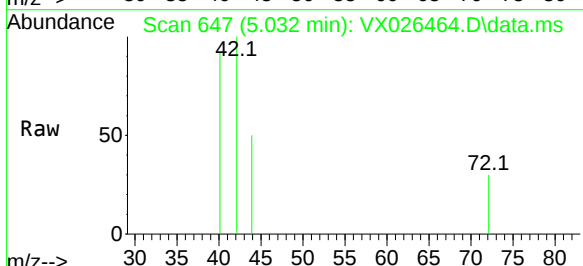
Tgt Ion: 42 Resp: 341

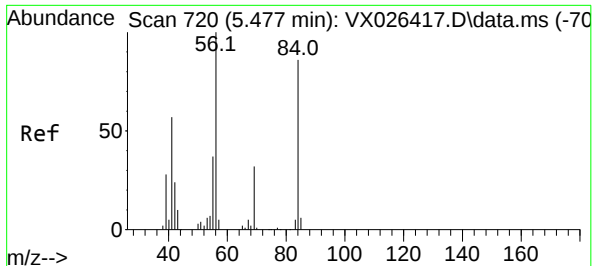
Ion Ratio Lower Upper

42 100

72 13.2 34.6 52.0#

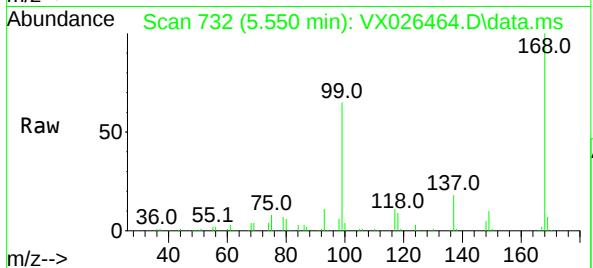
71 0.0 31.8 47.8#



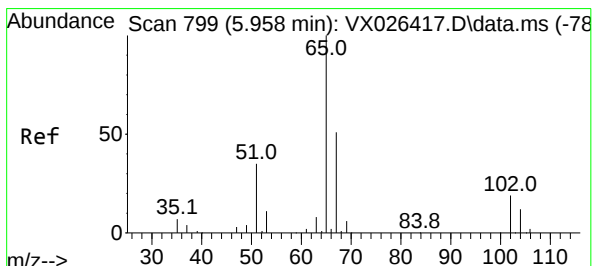
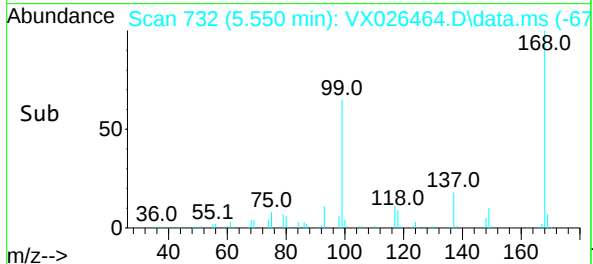
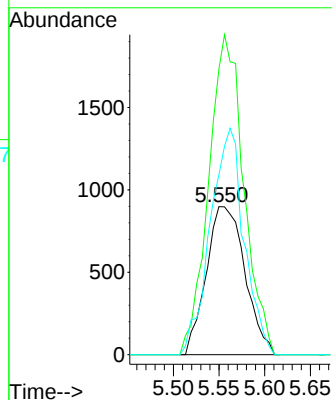


#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

Instrument :
MSVOA_X
ClientSampleId :

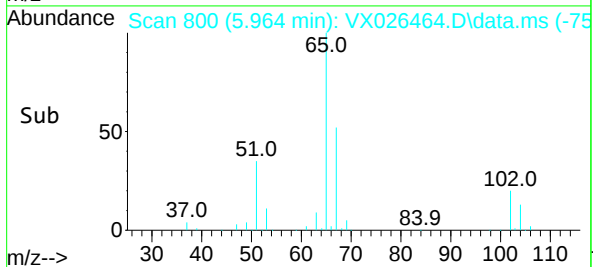
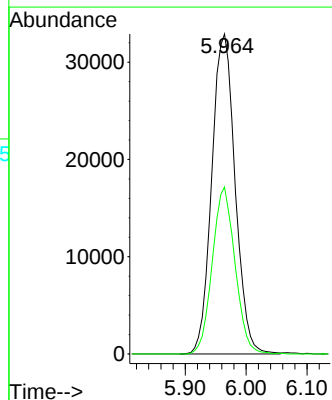
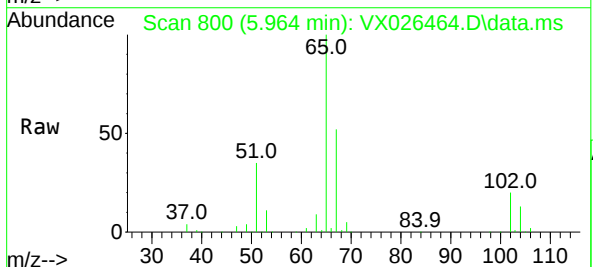


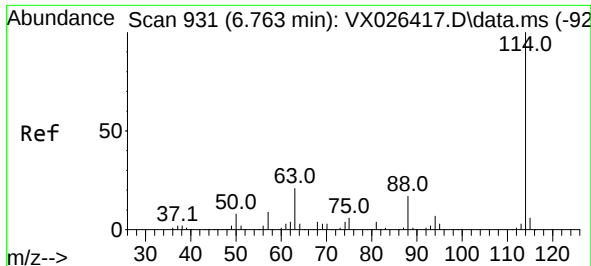
Tgt Ion: 56 Resp: 2646
Ion Ratio Lower Upper
56 100
69 193.0 25.8 38.6#
84 121.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.343 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

Tgt Ion: 65 Resp: 87752
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8

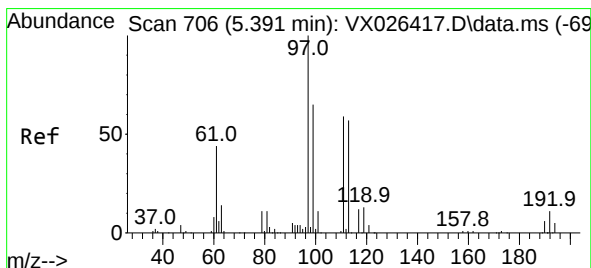
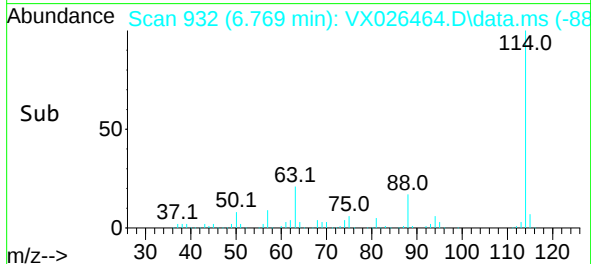
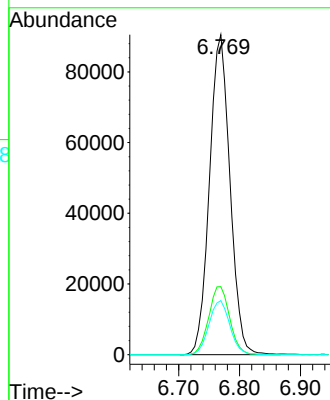
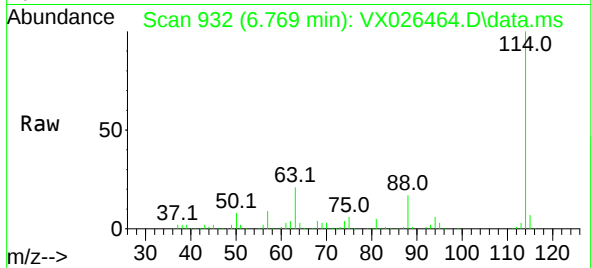




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

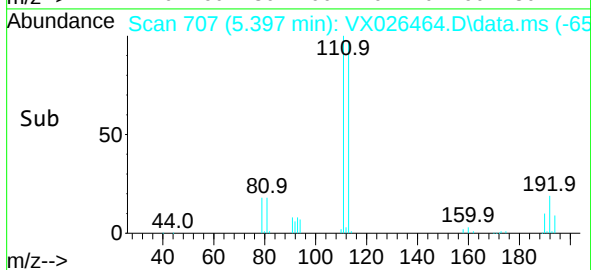
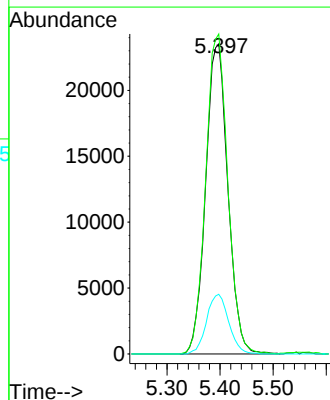
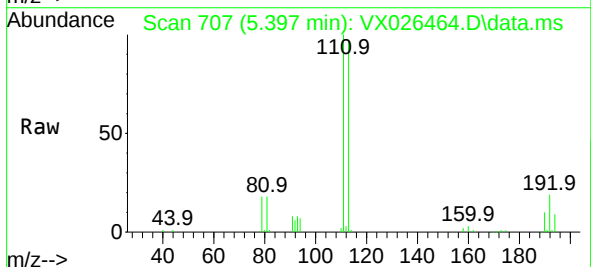
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MSVOA_X
ClientSampleId :

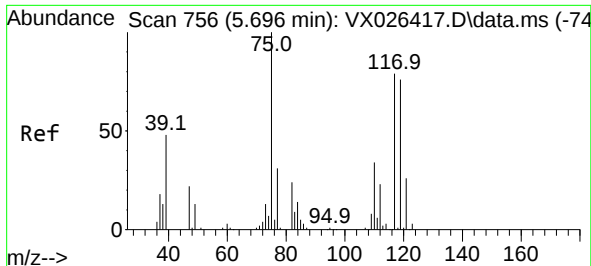
Tgt Ion:114 Resp: 211209
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.8
88 16.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.182 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

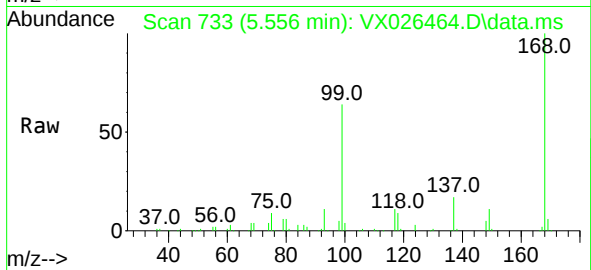
Tgt Ion:113 Resp: 68444
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.2 15.0 22.4



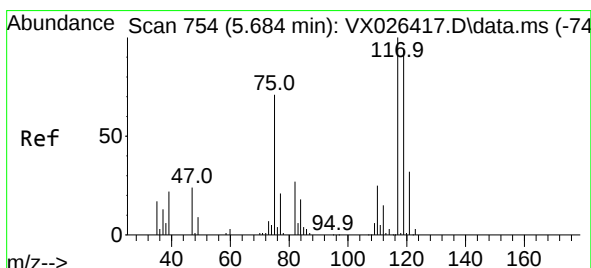
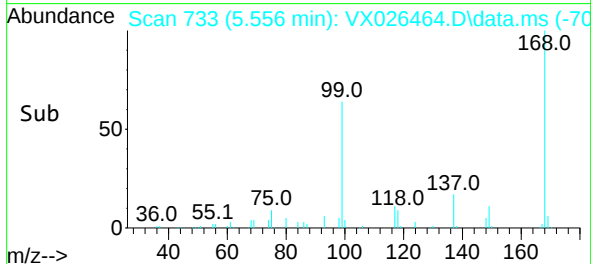
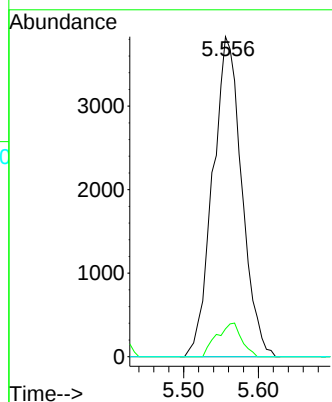


#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

Instrument :
MSVOA_X
ClientSampleId :

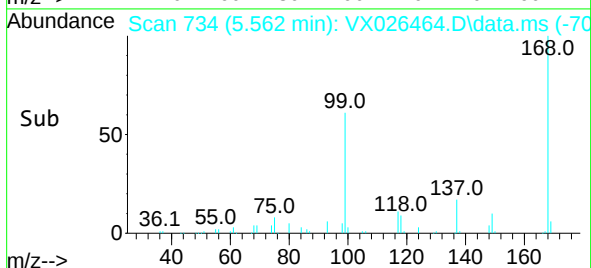
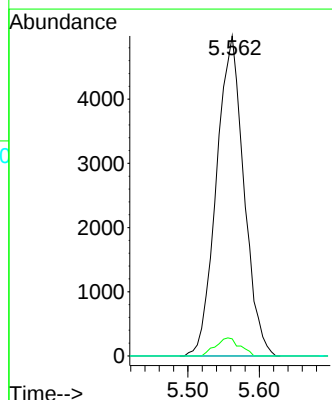
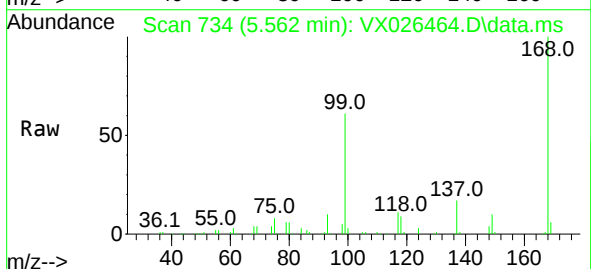


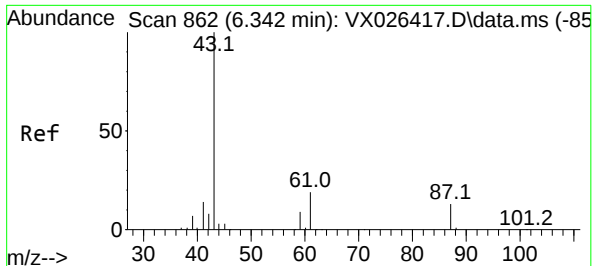
Tgt Ion: 75 Resp: 10343
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.004 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

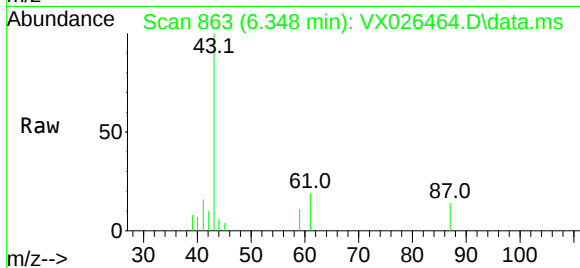
Tgt Ion: 117 Resp: 13297
Ion Ratio Lower Upper
117 100
119 5.4 74.7 112.1#
121 0.0 25.4 38.0#



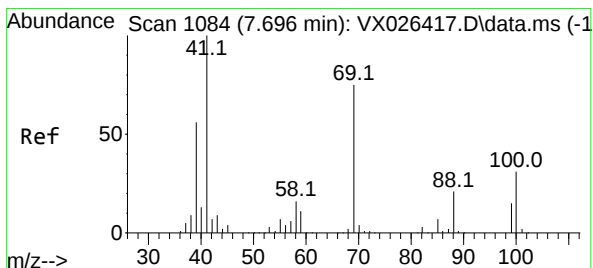
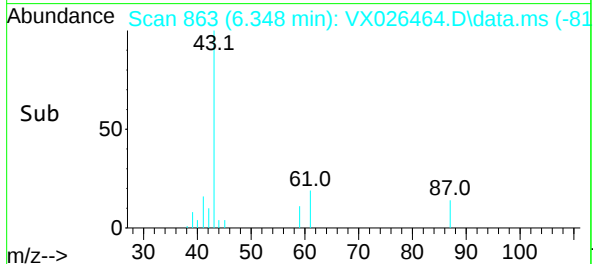
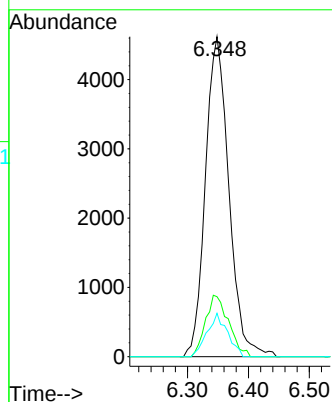


#43
Isopropyl Acetate
Concen: 3.513 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

Instrument :
MSVOA_X
ClientSampleId :

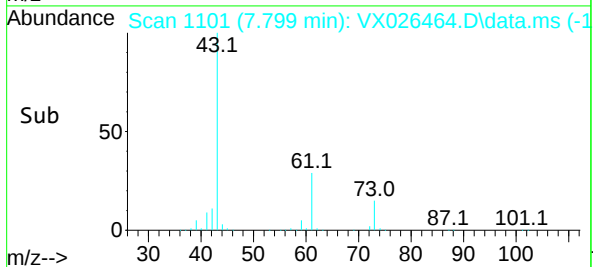
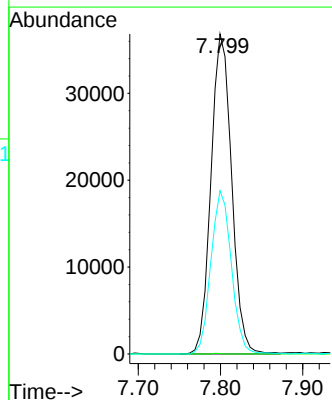
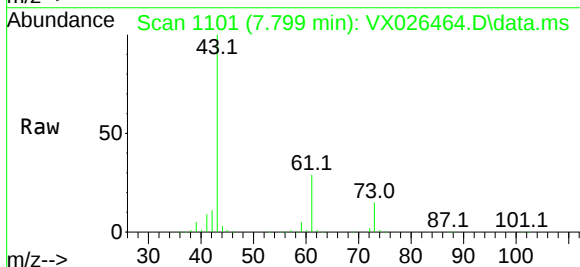


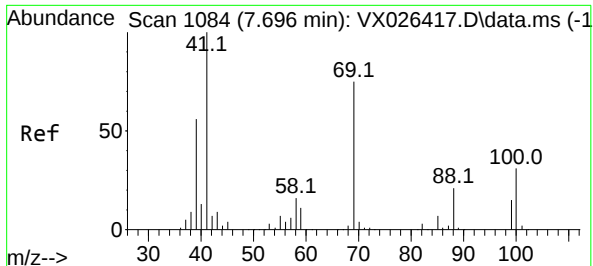
Tgt Ion: 43 Resp: 12360
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 11.7 10.2 15.2



#48
Methyl methacrylate
Concen: 36.836 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

Tgt Ion: 41 Resp: 64228
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 50.6 45.4 68.0





#49

1,4-Dioxane

Concen: 3.250 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026464.D

Acq: 14 Jan 2022 19:50

Instrument :

MSVOA_X

ClientSampleId :

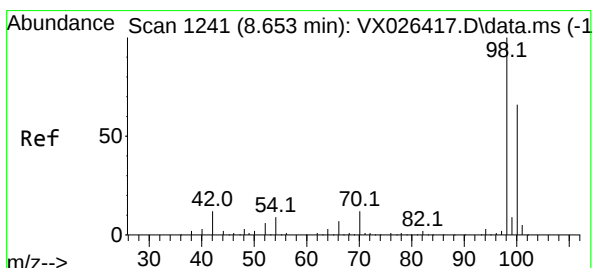
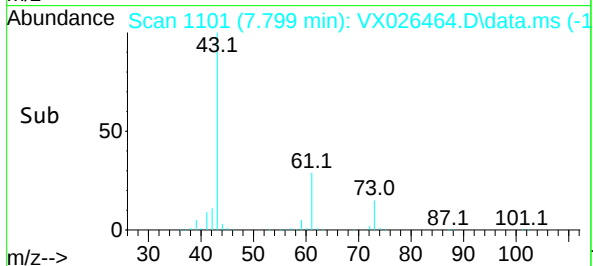
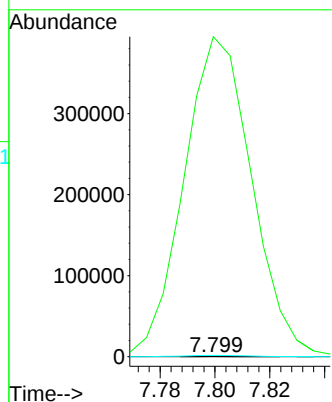
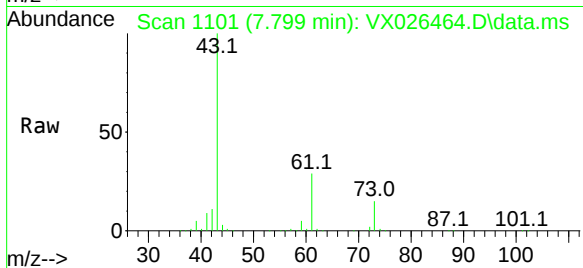
Tgt Ion: 88 Resp: 93

Ion Ratio Lower Upper

88 100

43 735618.3 29.9 44.9#

58 2804.3 57.8 86.6#



#50

Toluene-d8

Concen: 50.362 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026464.D

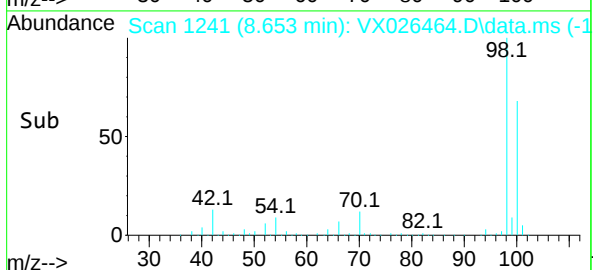
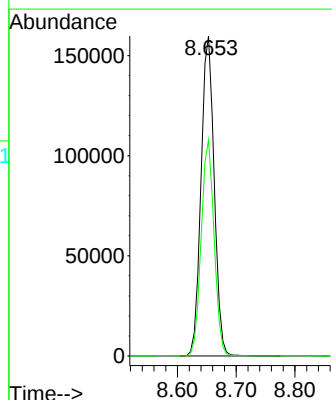
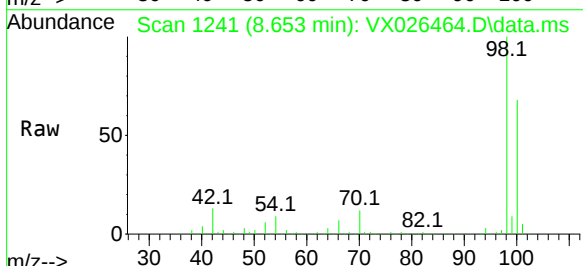
Acq: 14 Jan 2022 19:50

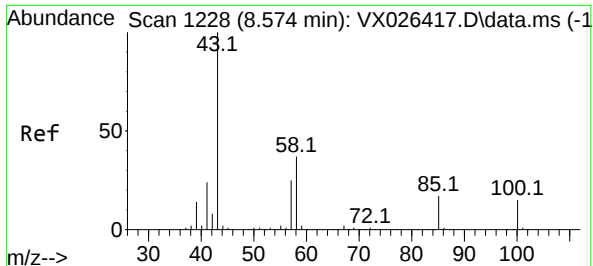
Tgt Ion: 98 Resp: 247530

Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 21.505 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX026464.D

Acq: 14 Jan 2022 19:50

Instrument :

MSVOA_X

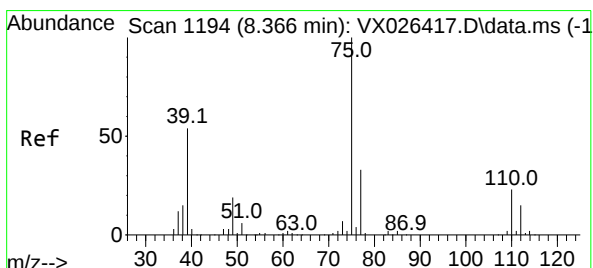
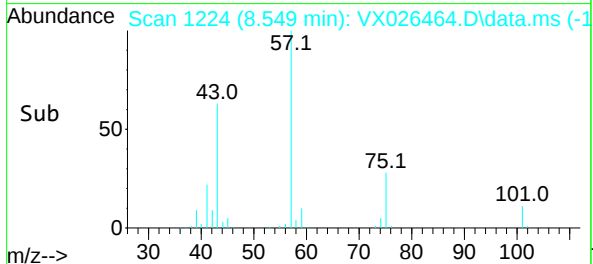
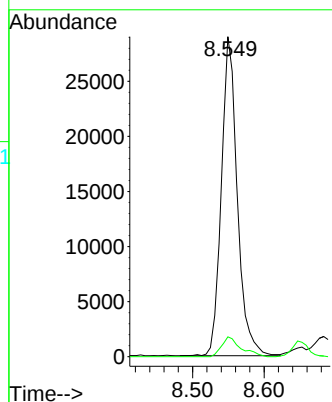
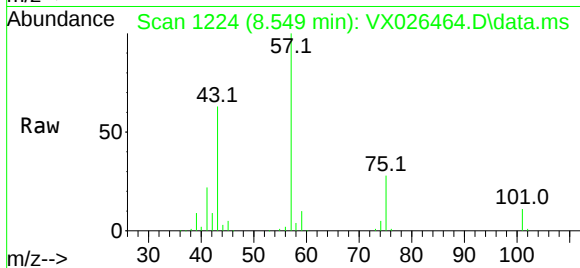
ClientSampleId :

Tgt Ion: 43 Resp: 44878

Ion Ratio Lower Upper

43 100

58 7.5 30.5 45.7#



#54

cis-1,3-Dichloropropene

Concen: 8.552 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX026464.D

Acq: 14 Jan 2022 19:50

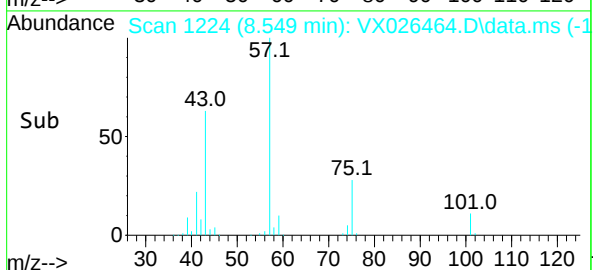
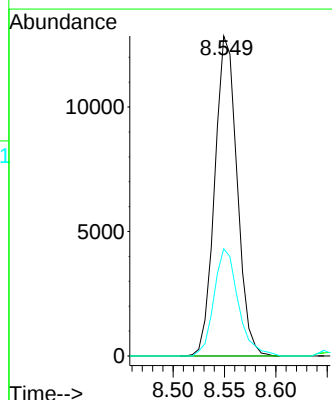
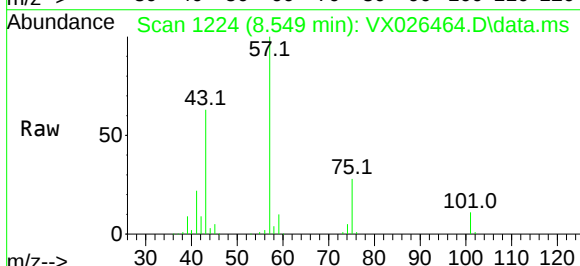
Tgt Ion: 75 Resp: 19435

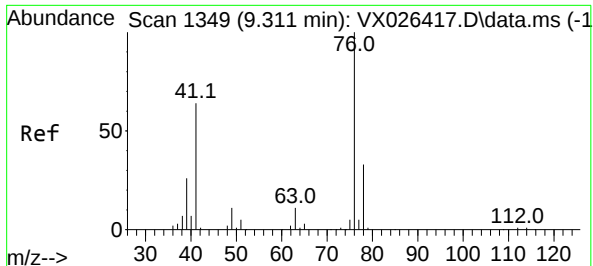
Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 33.5 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.628 ug/l

RT: 9.488 min Scan# 1

Delta R.T. 0.177 min

Lab File: VX026464.D

Acq: 14 Jan 2022 19:50

Instrument :

MSVOA_X

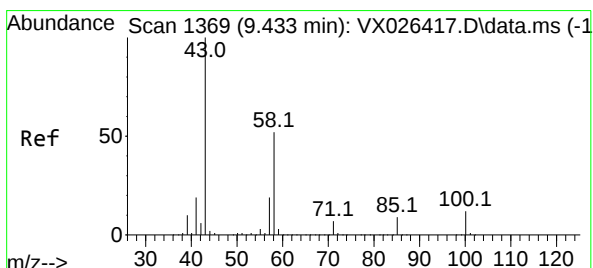
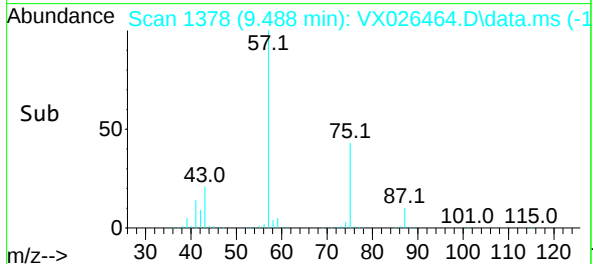
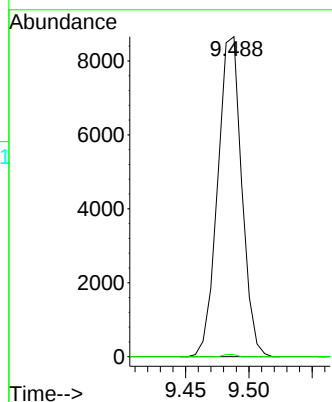
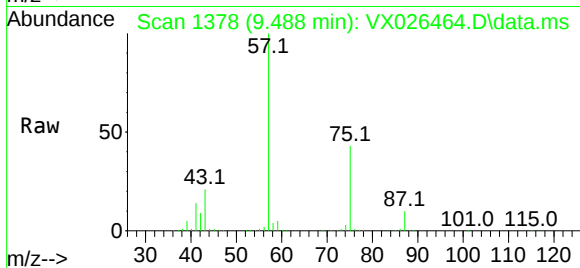
ClientSampleId :

Tgt Ion: 76 Resp: 11426

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#59

2-Hexanone

Concen: 105.164 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026464.D

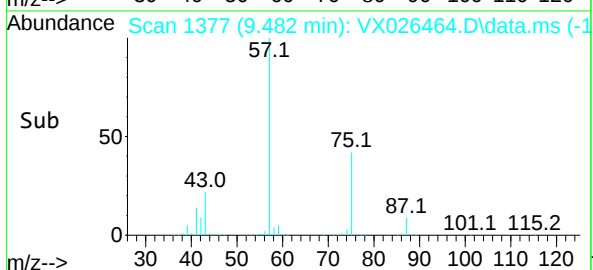
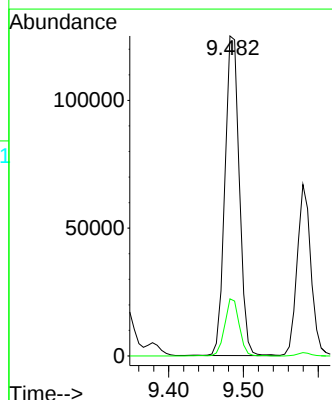
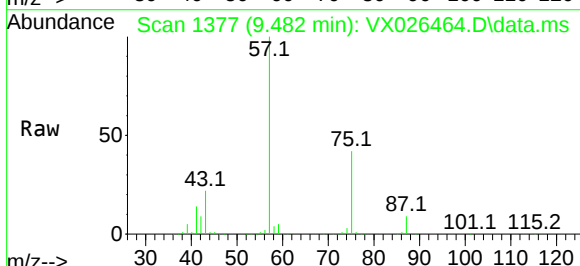
Acq: 14 Jan 2022 19:50

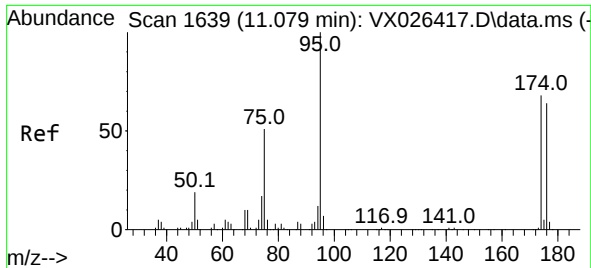
Tgt Ion: 43 Resp: 167970

Ion Ratio Lower Upper

43 100

58 18.0 26.4 79.2#

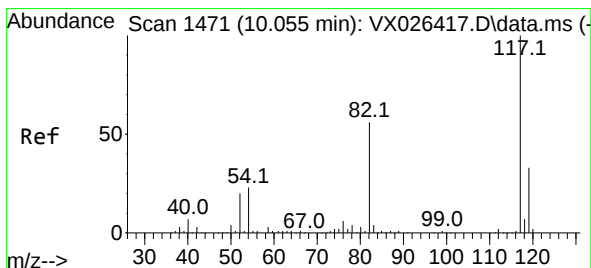
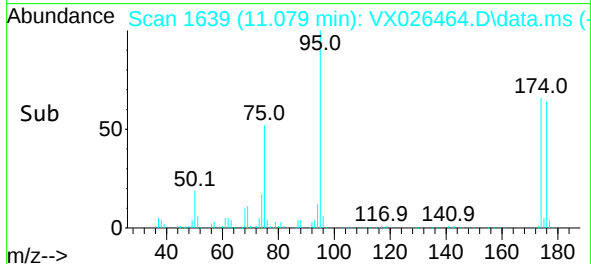
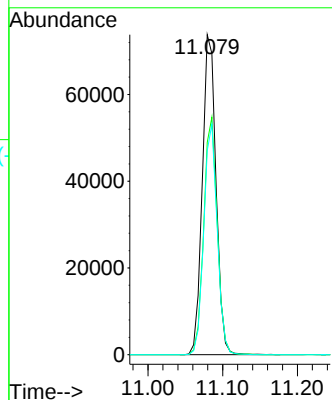
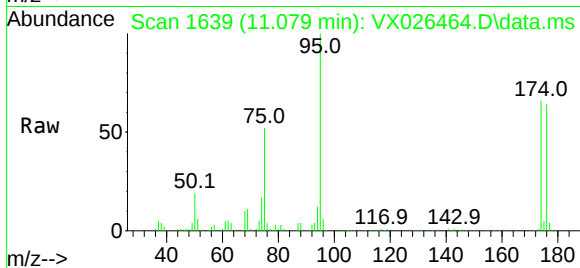




#62
4-Bromofluorobenzene
Concen: 53.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

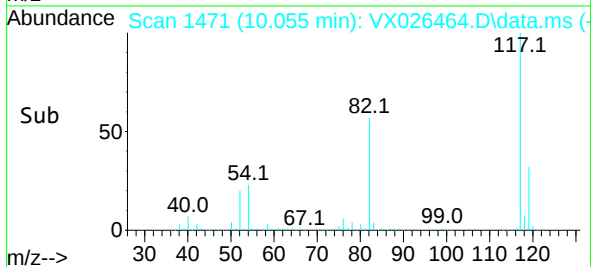
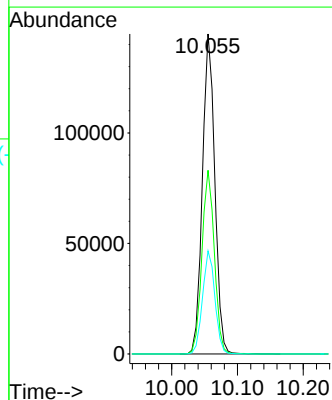
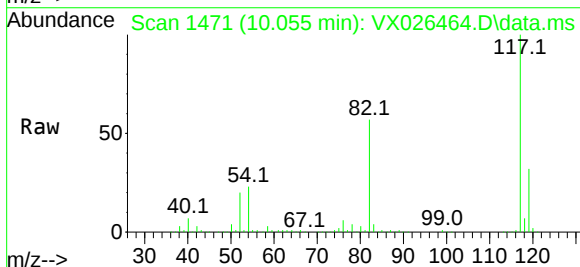
Instrument :
MSVOA_X
ClientSampleId :

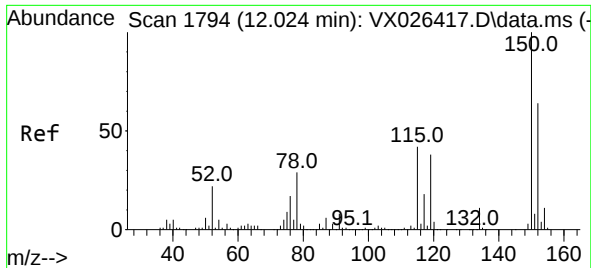
Tgt Ion: 95 Resp: 93814
Ion Ratio Lower Upper
95 100
174 73.0 0.0 148.6
176 70.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026464.D
Acq: 14 Jan 2022 19:50

Tgt Ion: 117 Resp: 189916
Ion Ratio Lower Upper
117 100
82 57.4 45.2 67.8
119 32.2 26.2 39.2

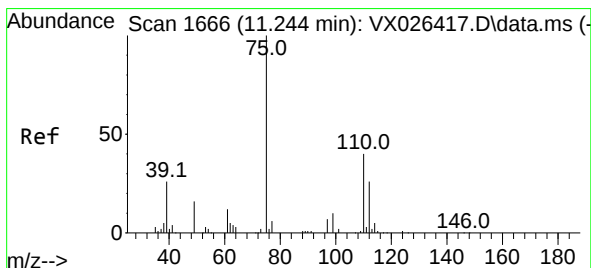
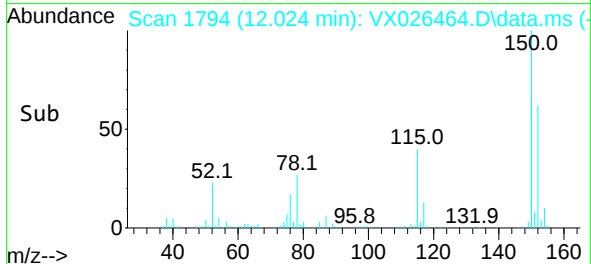
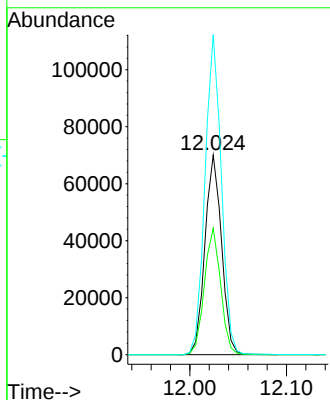
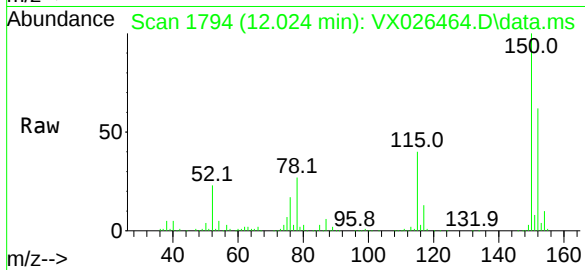




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026464.D
 Acq: 14 Jan 2022 19:50

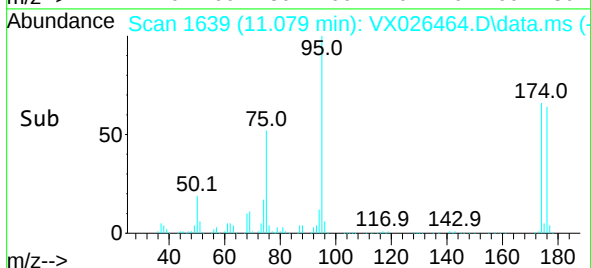
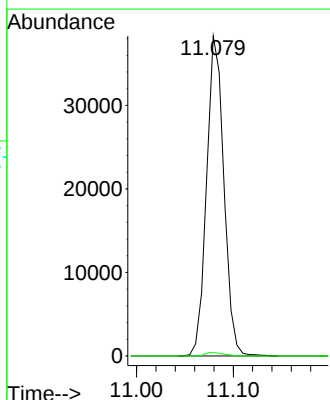
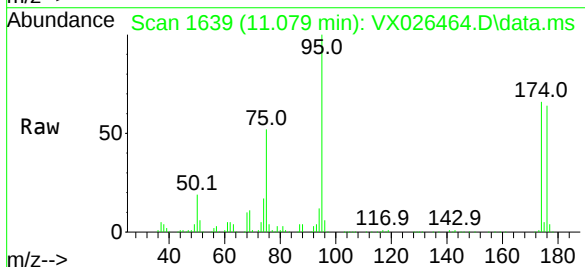
Instrument :
 MSVOA_X
 ClientSampleId :

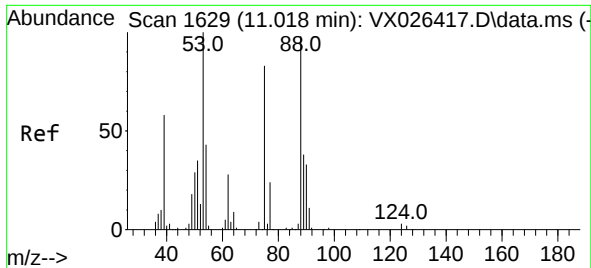
Tgt Ion:152 Resp: 84018
 Ion Ratio Lower Upper
 152 100
 115 61.9 44.2 132.6
 150 157.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.745 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026464.D
 Acq: 14 Jan 2022 19:50

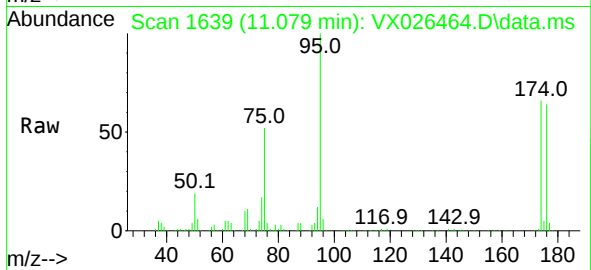
Tgt Ion: 75 Resp: 47625
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.106 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026464.D
 Acq: 14 Jan 2022 19:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 47625
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

