

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026476.D
 Acq On : 15 Jan 2022 00:28
 Operator : JC/MD
 Sample : N1136-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

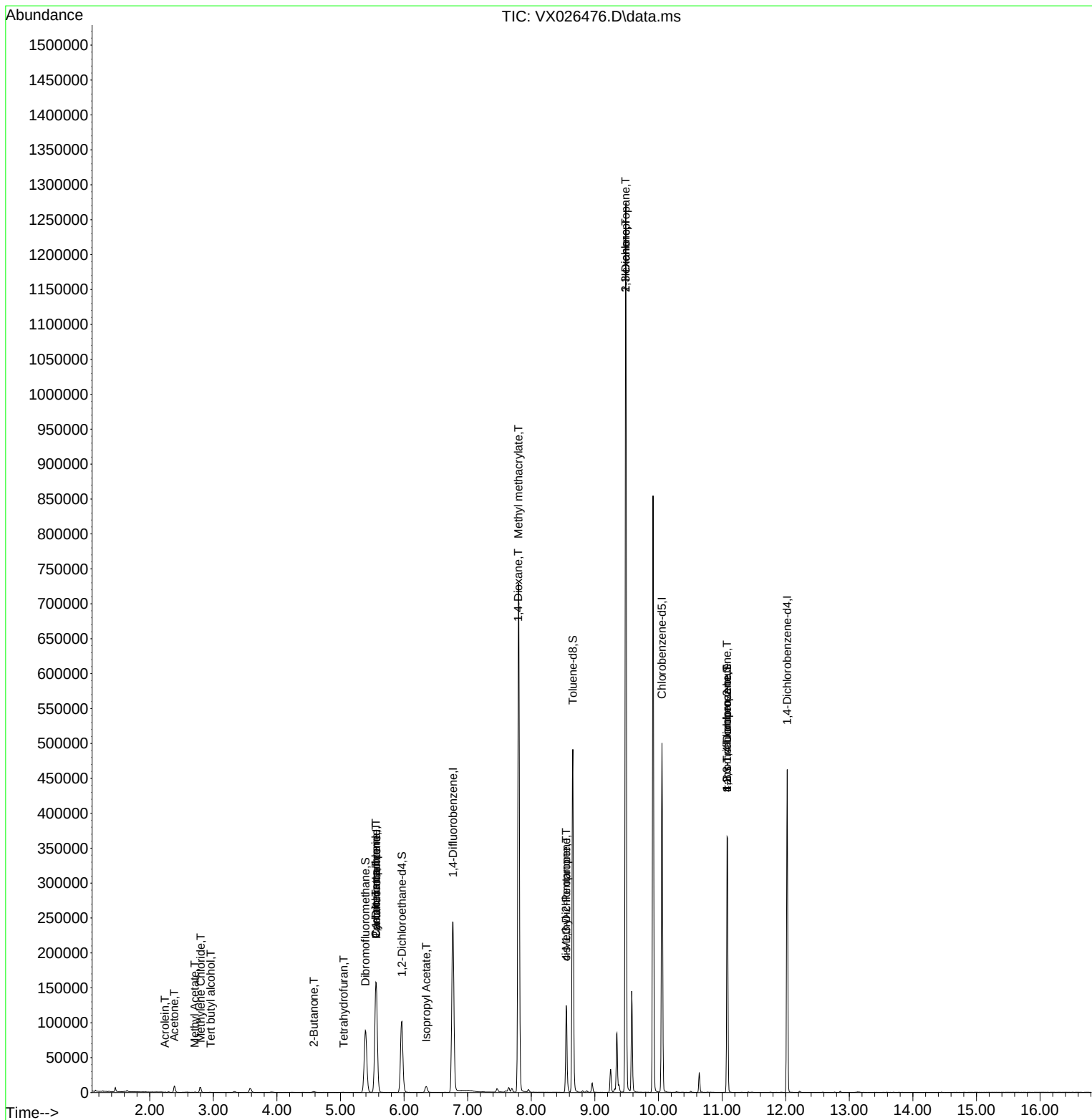
Quant Time: Jan 17 00:43:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

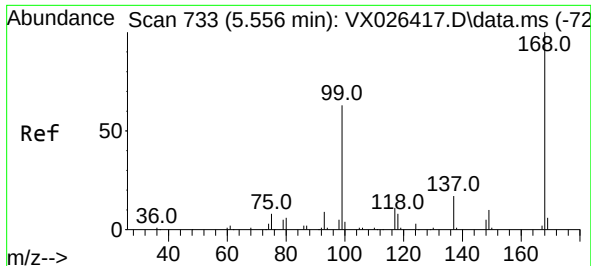
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	146956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101332	49.361	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.720%
35) Dibromofluoromethane	5.391	113	77685	48.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	8.652	98	286655	50.094	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.180%
62) 4-Bromofluorobenzene	11.079	95	103710	51.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.958	59	73	0.256	ug/l #	75
13) Acrolein	2.239	56	155	0.511	ug/l	88
16) Acetone	2.385	43	10527	10.056	ug/l	98
18) Methyl Acetate	2.708	43	897	0.431	ug/l	93
20) Methylene Chloride	2.800	84	3535	2.044	ug/l	95
25) 2-Butanone	4.580	43	2480	1.822	ug/l	95
29) Tetrahydrofuran	5.049	42	324	0.401	ug/l #	34
31) Cyclohexane	5.555	56	3066	1.013	ug/l #	2
36) 1,1-Dichloropropene	5.555	75	11747	4.686	ug/l #	51
38) Carbon Tetrachloride	5.555	117	15644	6.067	ug/l #	17
43) Isopropyl Acetate	6.348	43	12426	3.033	ug/l	99
48) Methyl methacrylate	7.799	41	64017	31.535	ug/l #	45
49) 1,4-Dioxane	7.793	88	44	1.321	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	43434	17.877	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19063	7.205	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	11051	3.844	ug/l #	43
59) 2-Hexanone	9.482	43	161864	87.043	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	52575	26.087	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	52575	79.078	ug/l #	4

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

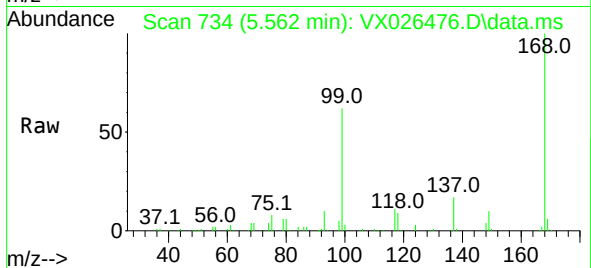
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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



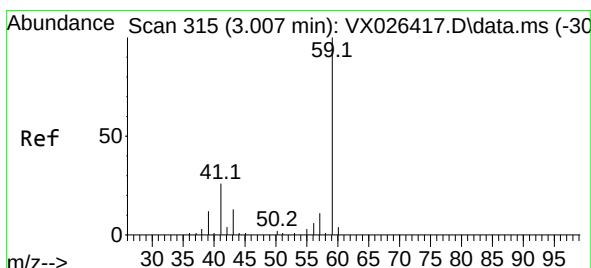
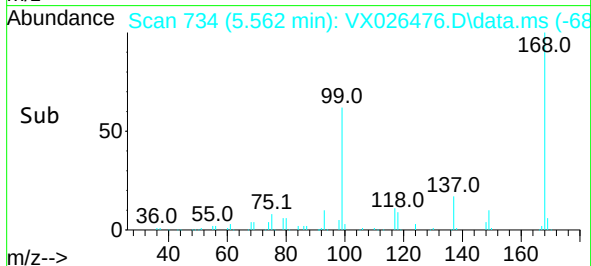
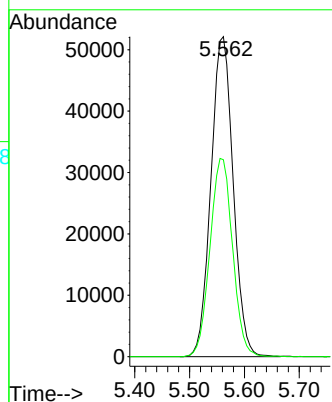


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28

Instrument :
MSVOA_X
ClientSampleId :

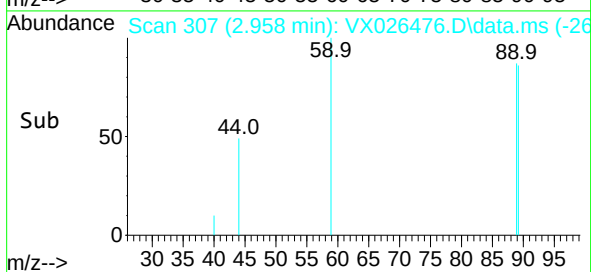
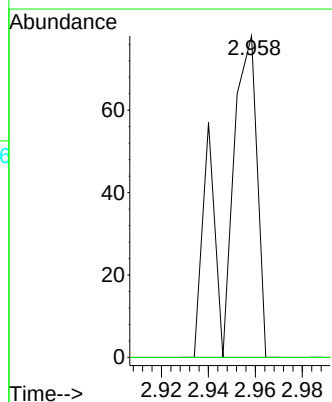
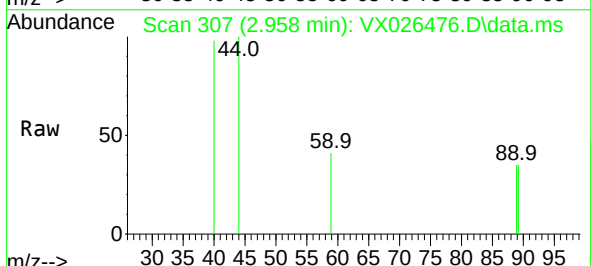


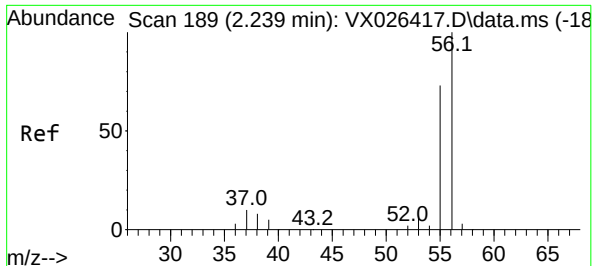
Tgt Ion:168 Resp: 146956
Ion Ratio Lower Upper
168 100
99 61.5 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.256 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.049 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28

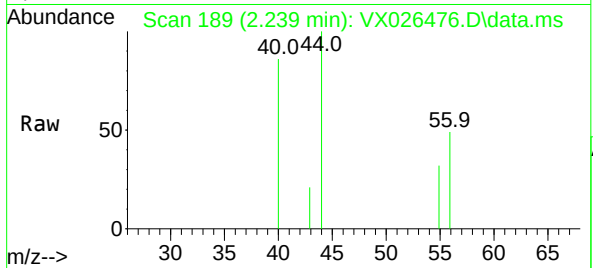
Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



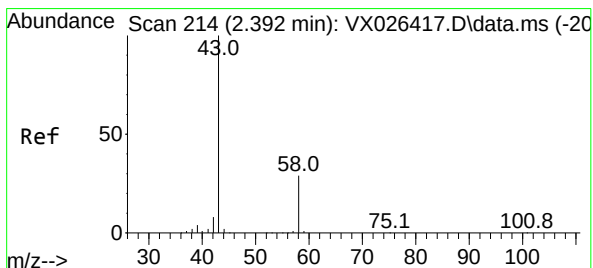
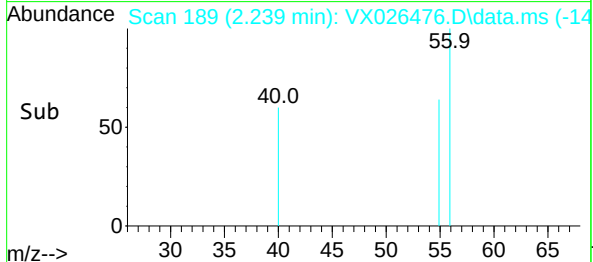
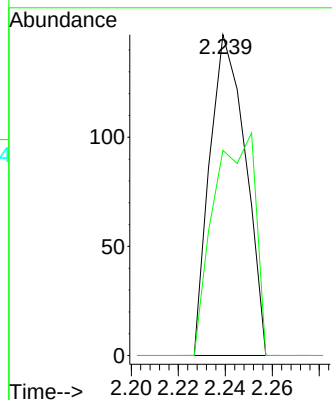


#13
Acrolein
Concen: 0.511 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28

Instrument :
MSVOA_X
ClientSampleId :

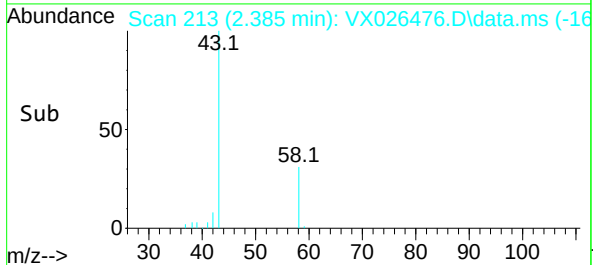
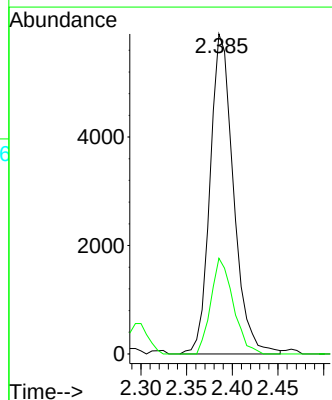
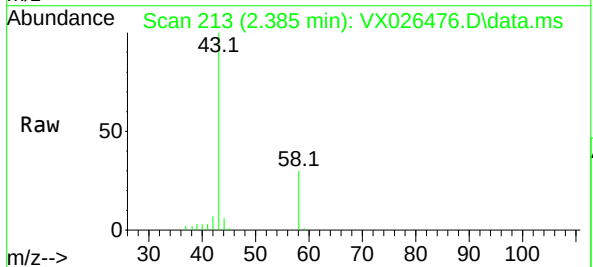


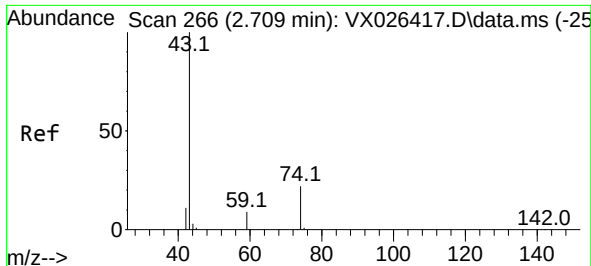
Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
55 80.6 56.9 85.3



#16
Acetone
Concen: 10.056 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28

Tgt Ion: 43 Resp: 10527
Ion Ratio Lower Upper
43 100
58 29.9 23.0 34.6

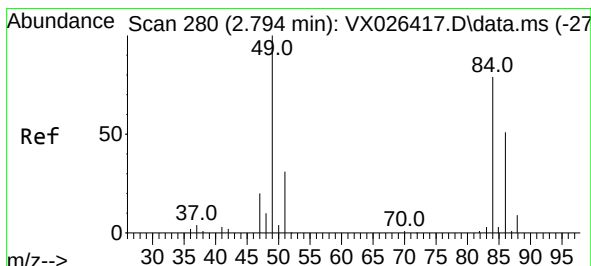
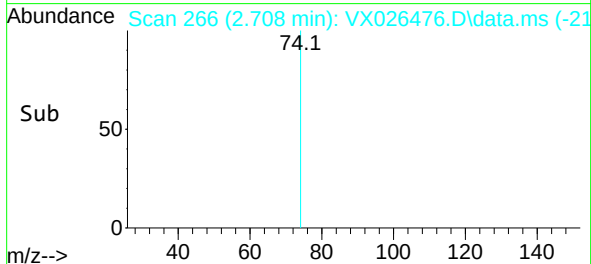
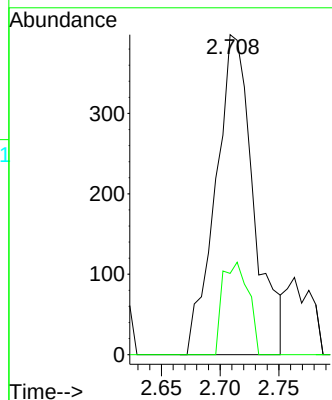
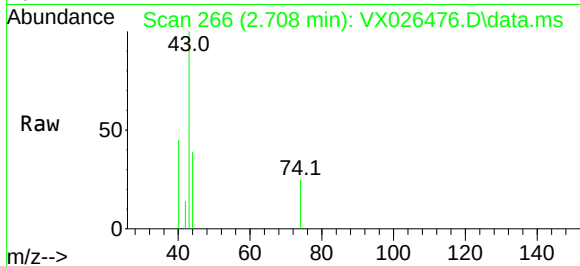




#18
Methyl Acetate
Concen: 0.431 ug/l
RT: 2.708 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28

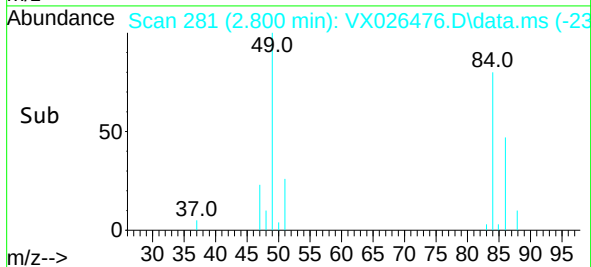
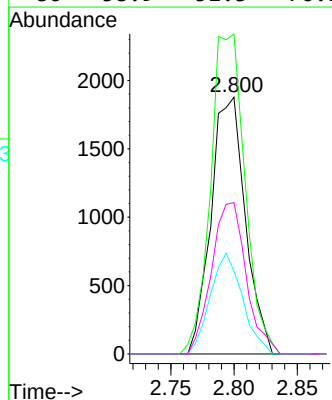
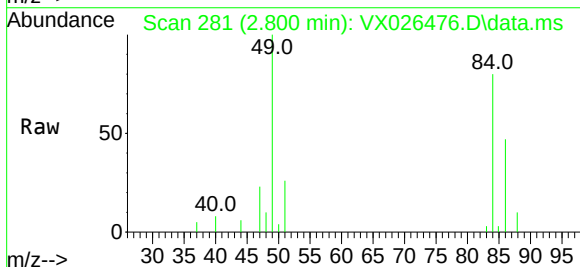
Instrument :
MSVOA_X
ClientSampleId :

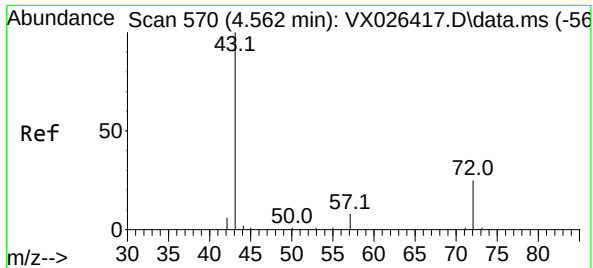
Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
74 19.6 18.3 27.5



#20
Methylene Chloride
Concen: 2.044 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28

Tgt Ion: 84 Resp: 3535
Ion Ratio Lower Upper
84 100
49 124.6 101.5 152.3
51 32.3 31.2 46.8
86 58.9 51.3 76.9





#25

2-Butanone

Concen: 1.822 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026476.D

Acq: 15 Jan 2022 00:28

Instrument :

MSVOA_X

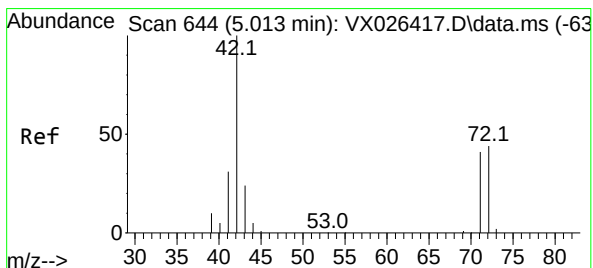
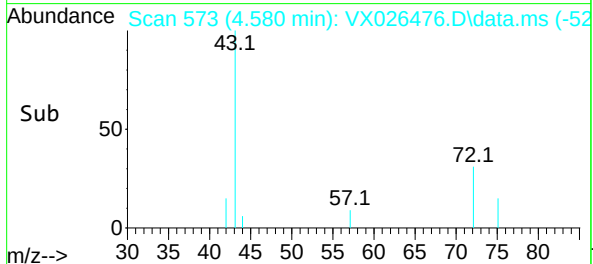
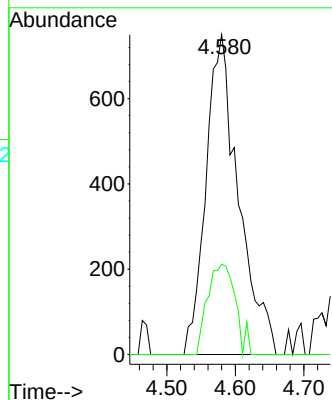
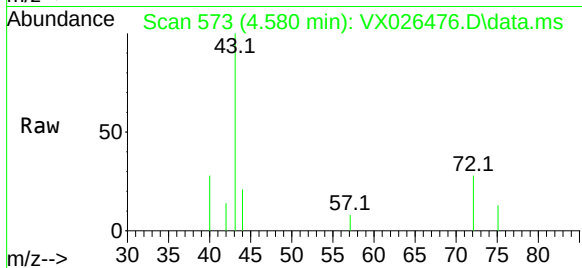
ClientSampleId :

Tgt Ion: 43 Resp: 2480

Ion Ratio Lower Upper

43 100

72 28.3 20.4 30.6



#29

Tetrahydrofuran

Concen: 0.401 ug/l

RT: 5.049 min Scan# 650

Delta R.T. 0.036 min

Lab File: VX026476.D

Acq: 15 Jan 2022 00:28

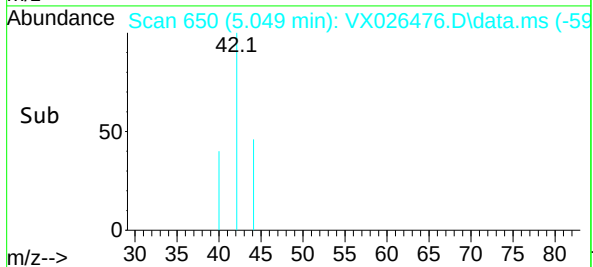
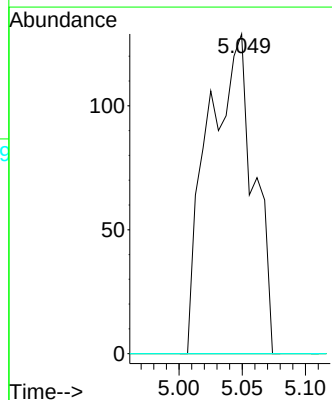
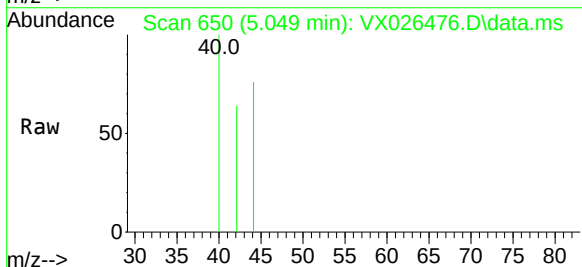
Tgt Ion: 42 Resp: 324

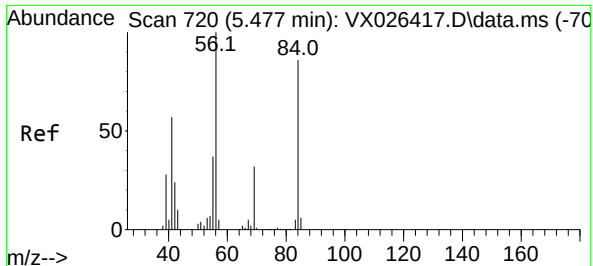
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

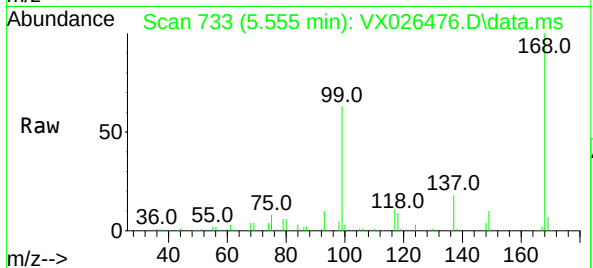
71 0.0 31.8 47.8#



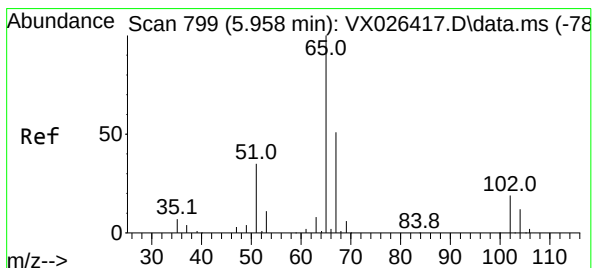
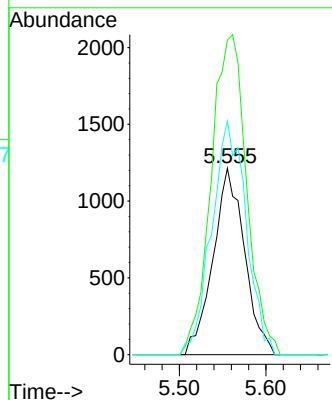
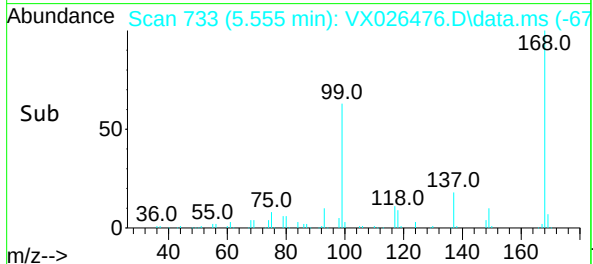


#31
Cyclohexane
Concen: 1.013 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28

Instrument :
MSVOA_X
ClientSampleId :

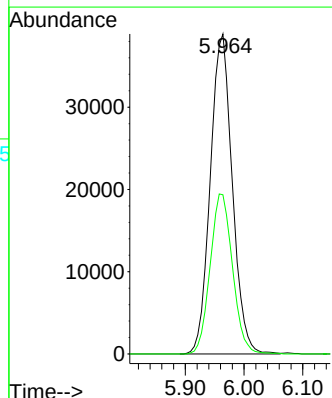
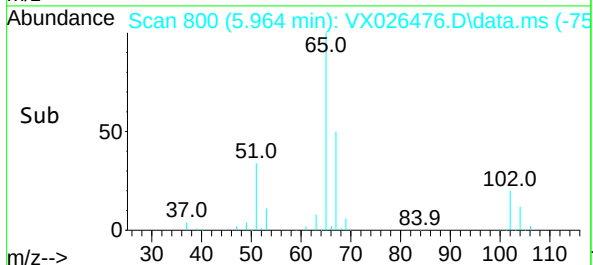
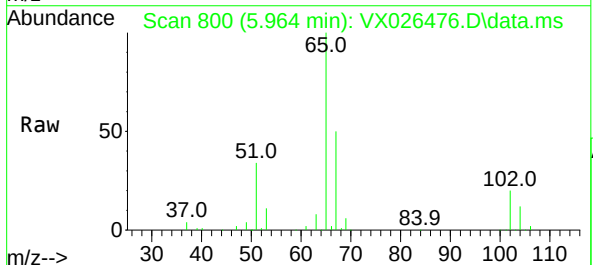


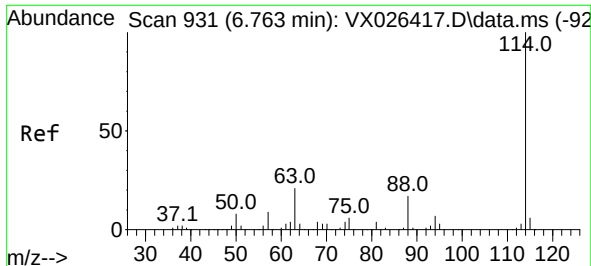
Tgt Ion: 56 Resp: 3066
Ion Ratio Lower Upper
56 100
69 168.9 25.8 38.6#
84 125.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.361 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28

Tgt Ion: 65 Resp: 101332
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.8

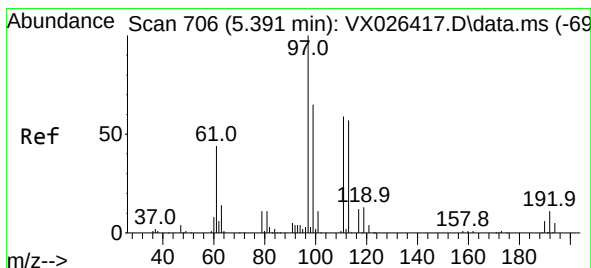
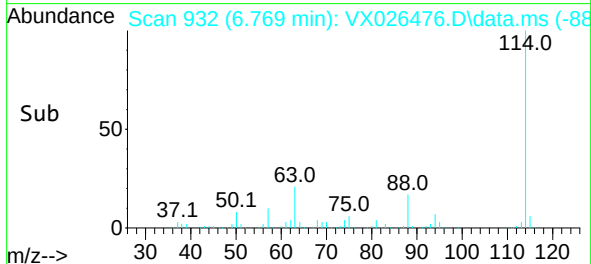
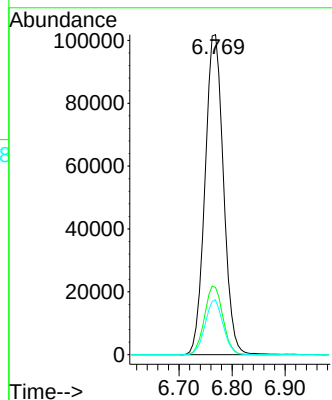
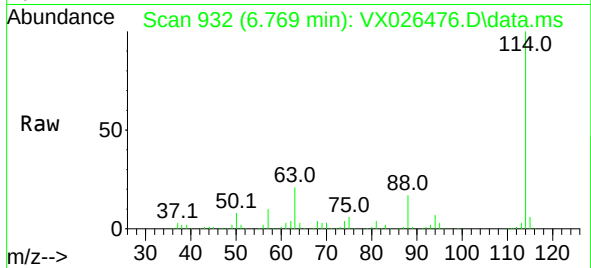




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28

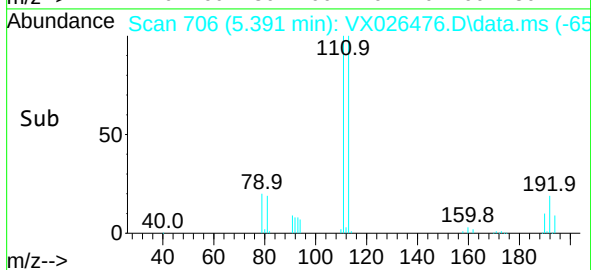
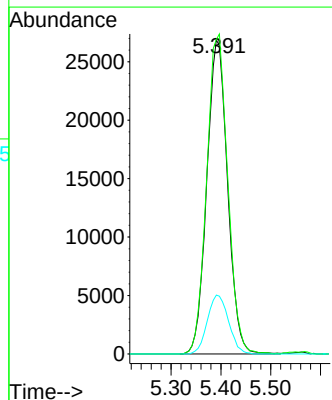
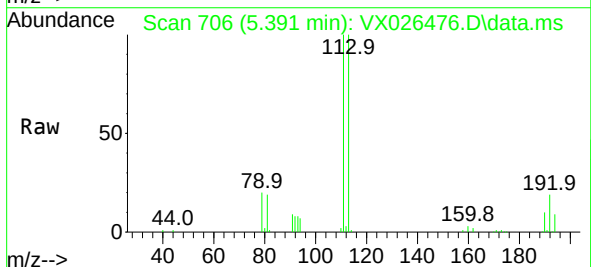
Instrument :
MSVOA_X
ClientSampleId :

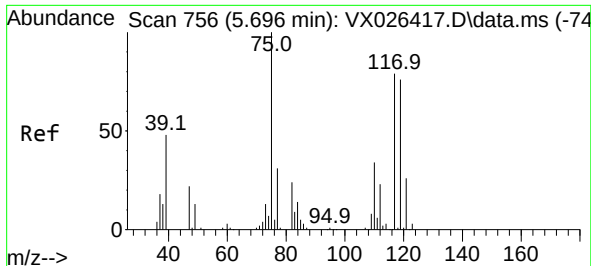
Tgt Ion:114 Resp: 245904
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 17.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.921 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28

Tgt Ion:113 Resp: 77685
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 19.1 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.686 ug/l

RT: 5.555 min Scan# 71

Delta R.T. -0.141 min

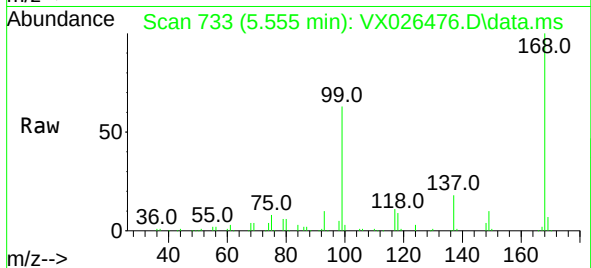
Lab File: VX026476.D

Acq: 15 Jan 2022 00:28

Instrument :

MSVOA_X

ClientSampleId :



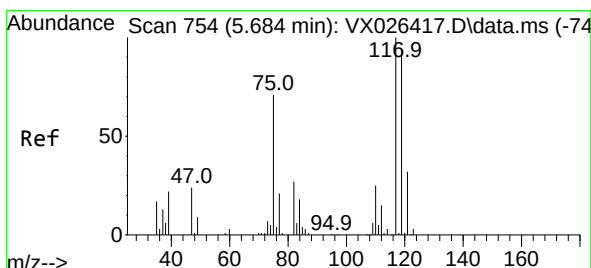
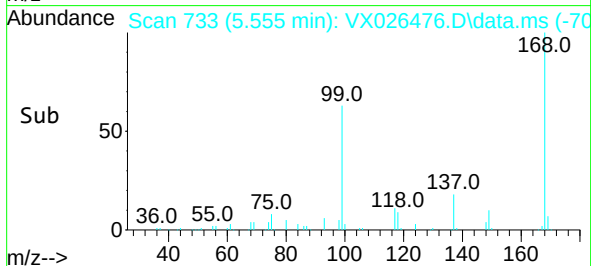
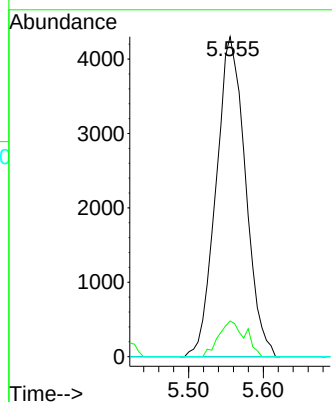
Tgt Ion: 75 Resp: 11747

Ion Ratio Lower Upper

75 100

110 10.2 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.067 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026476.D

Acq: 15 Jan 2022 00:28

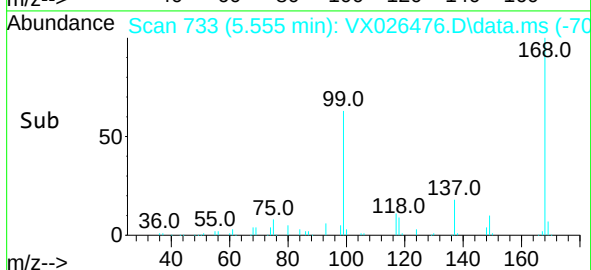
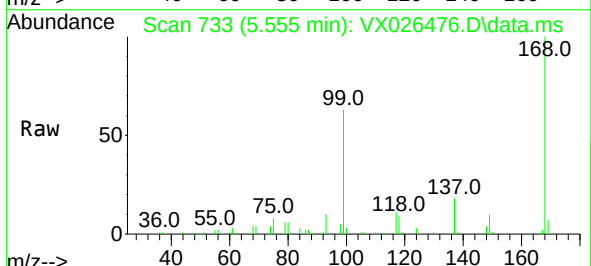
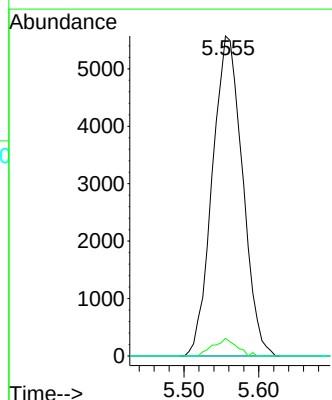
Tgt Ion: 117 Resp: 15644

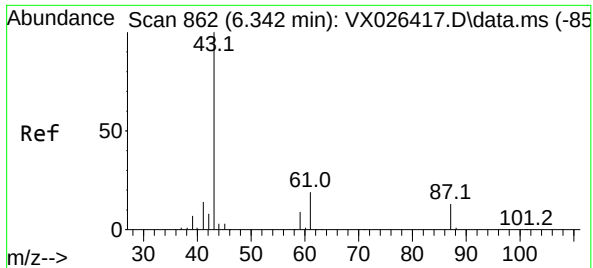
Ion Ratio Lower Upper

117 100

119 5.5 74.7 112.1#

121 0.0 25.4 38.0#





#43

Isopropyl Acetate

Concen: 3.033 ug/l

RT: 6.348 min Scan# 8

Delta R.T. 0.006 min

Lab File: VX026476.D

Acq: 15 Jan 2022 00:28

Instrument :

MSVOA_X

ClientSampleId :

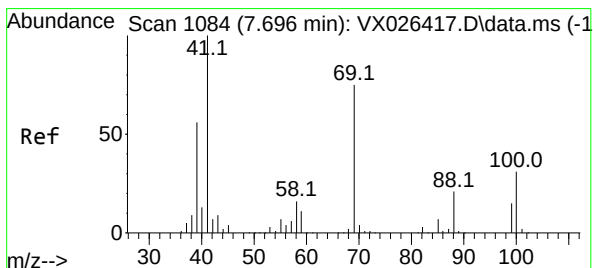
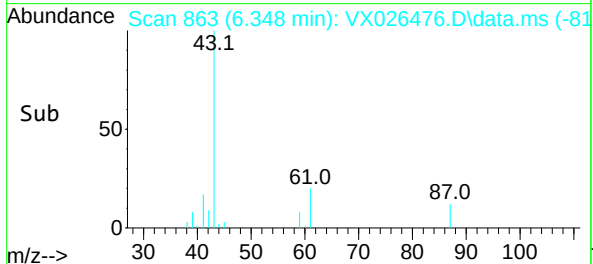
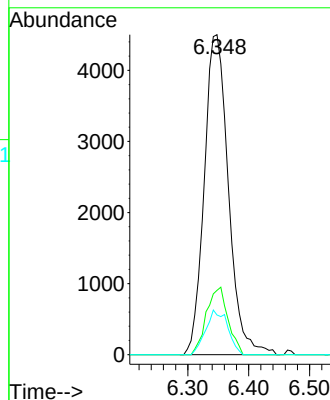
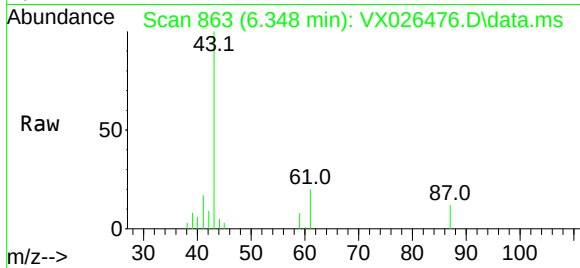
Tgt Ion: 43 Resp: 12426

Ion Ratio Lower Upper

43 100

61 18.7 15.4 23.0

87 12.7 10.2 15.2



#48

Methyl methacrylate

Concen: 31.535 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX026476.D

Acq: 15 Jan 2022 00:28

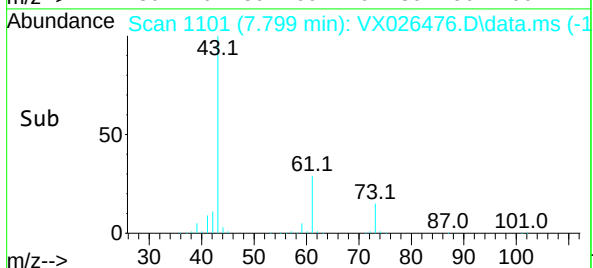
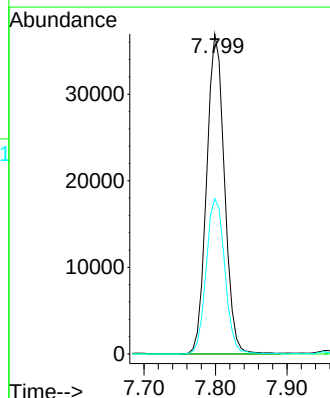
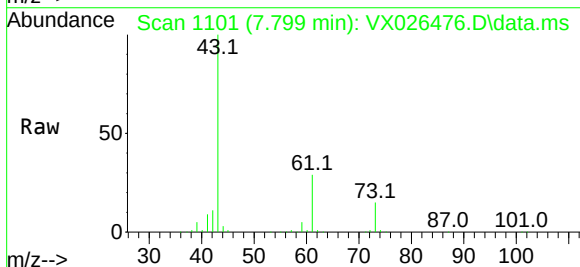
Tgt Ion: 41 Resp: 64017

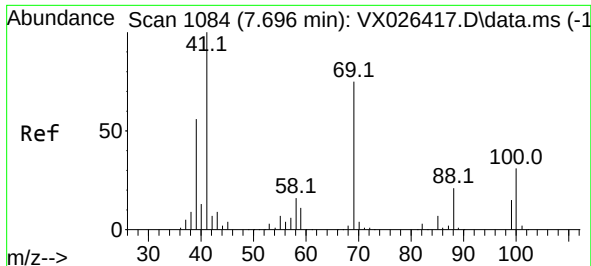
Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 50.7 45.4 68.0





#49

1,4-Dioxane

Concen: 1.321 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.097 min

Lab File: VX026476.D

Acq: 15 Jan 2022 00:28

Instrument :

MSVOA_X

ClientSampleId :

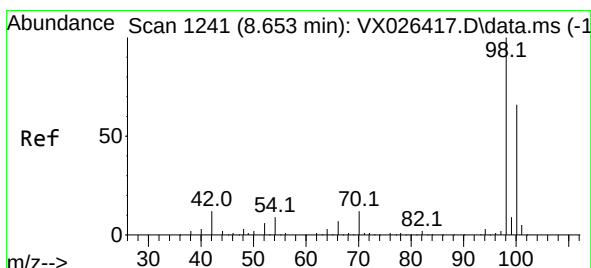
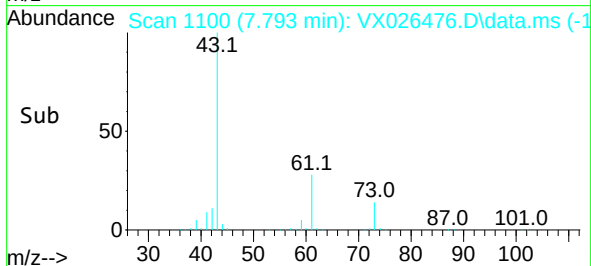
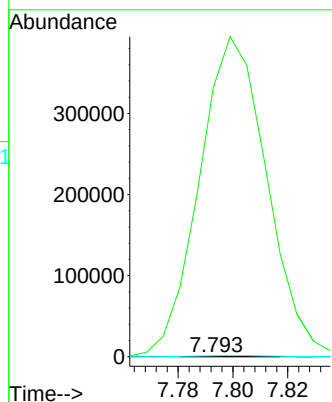
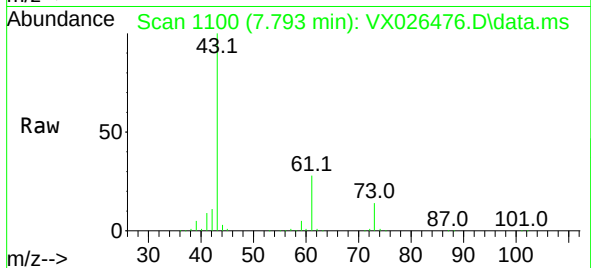
Tgt Ion: 88 Resp: 44

Ion Ratio Lower Upper

88 100

43 1550909.1 29.9 44.9#

58 6200.0 57.8 86.6#



#50

Toluene-d8

Concen: 50.094 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026476.D

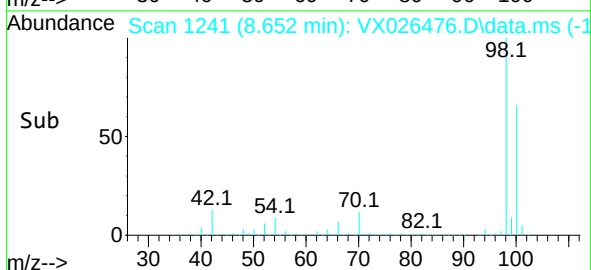
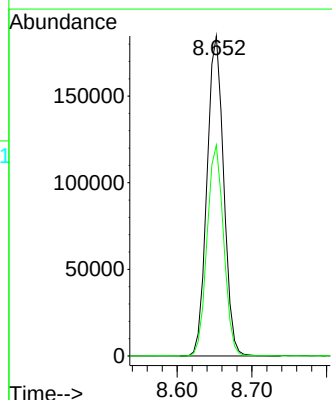
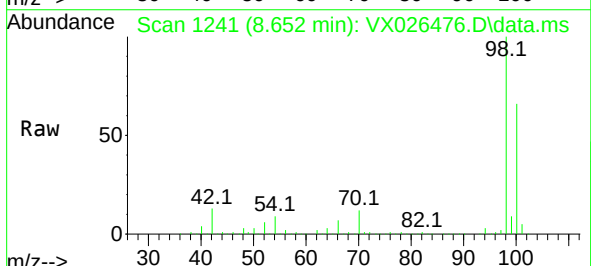
Acq: 15 Jan 2022 00:28

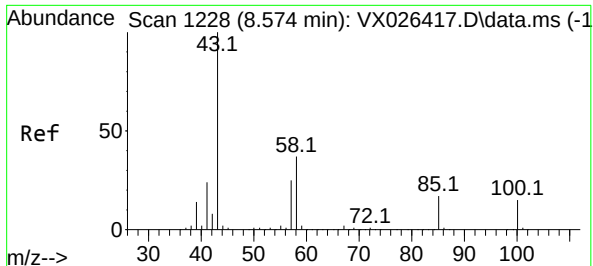
Tgt Ion: 98 Resp: 286655

Ion Ratio Lower Upper

98 100

100 65.7 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 17.877 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX026476.D

Acq: 15 Jan 2022 00:28

Instrument :

MSVOA_X

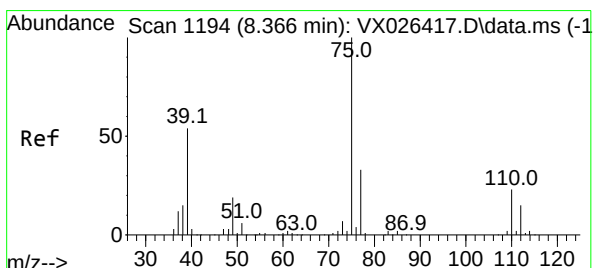
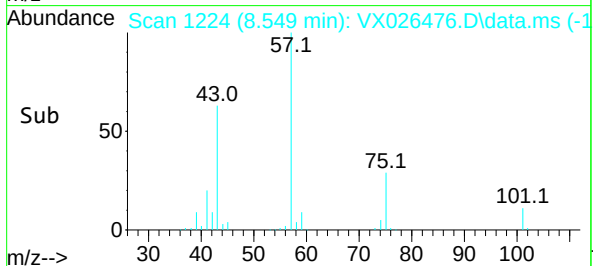
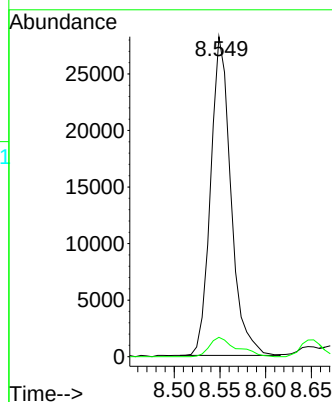
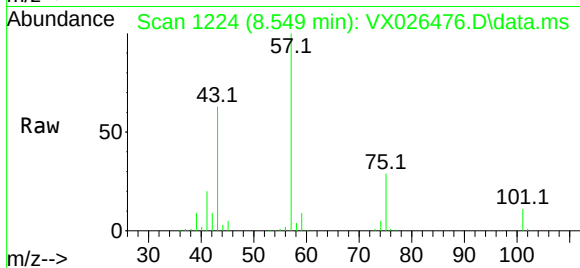
ClientSampleId :

Tgt Ion: 43 Resp: 43434

Ion Ratio Lower Upper

43 100

58 8.1 30.5 45.7#



#54

cis-1,3-Dichloropropene

Concen: 7.205 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX026476.D

Acq: 15 Jan 2022 00:28

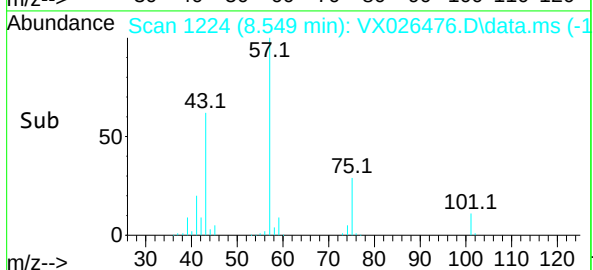
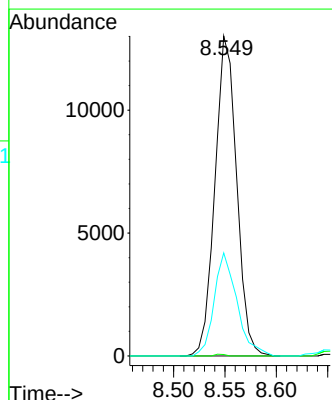
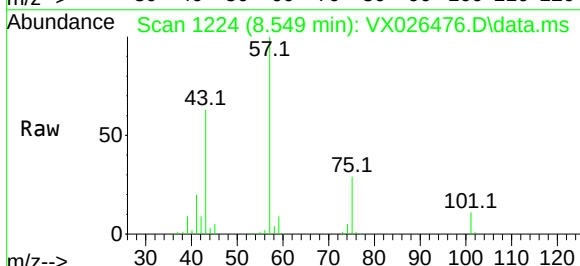
Tgt Ion: 75 Resp: 19063

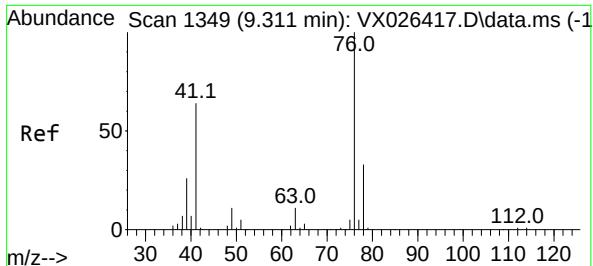
Ion Ratio Lower Upper

75 100

77 0.4 26.2 39.2#

39 32.2 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 3.844 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.170 min

Lab File: VX026476.D

Acq: 15 Jan 2022 00:28

Instrument :

MSVOA_X

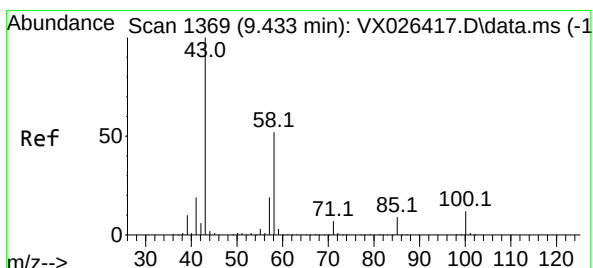
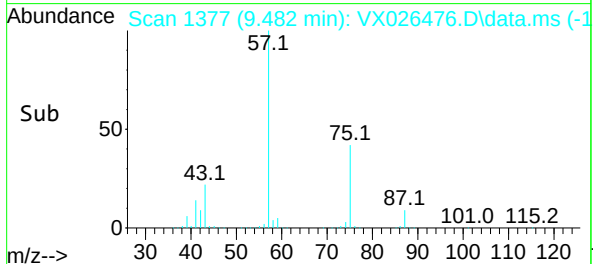
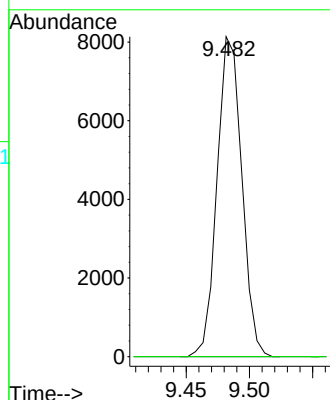
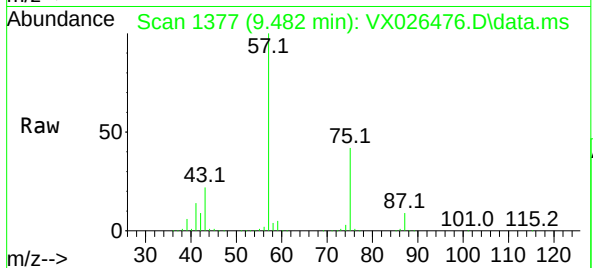
ClientSampleId :

Tgt Ion: 76 Resp: 11051

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 87.043 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.048 min

Lab File: VX026476.D

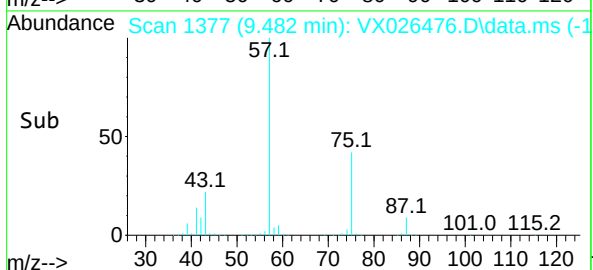
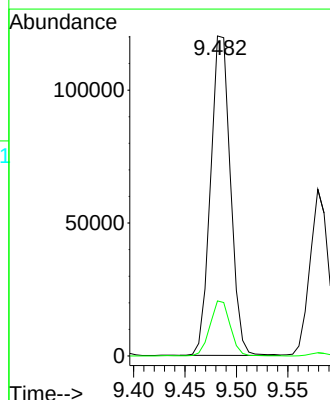
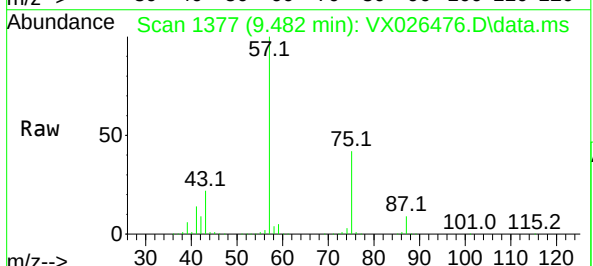
Acq: 15 Jan 2022 00:28

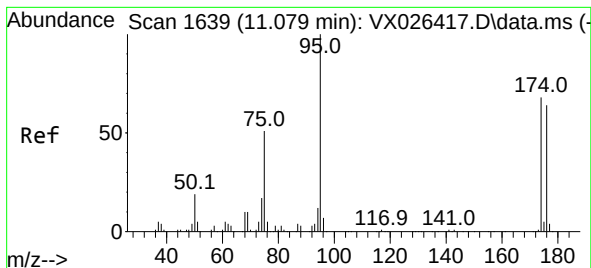
Tgt Ion: 43 Resp: 161864

Ion Ratio Lower Upper

43 100

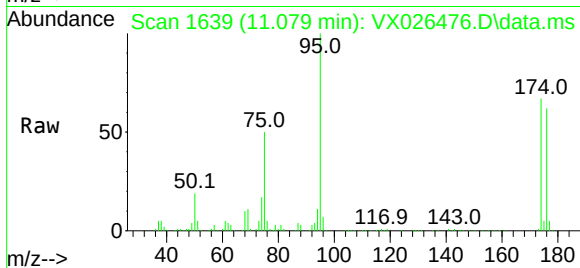
58 17.5 26.4 79.2#



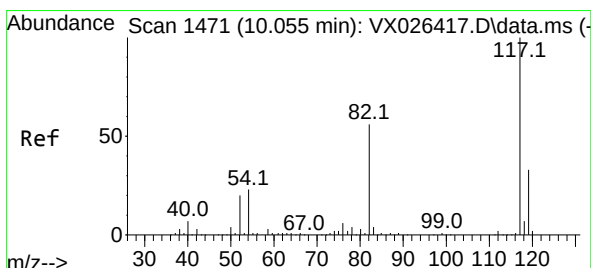
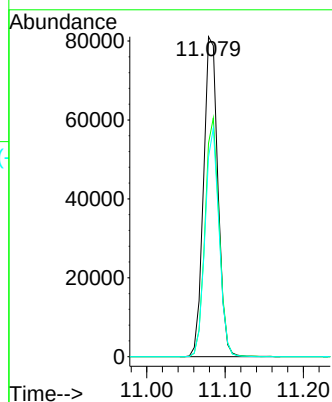
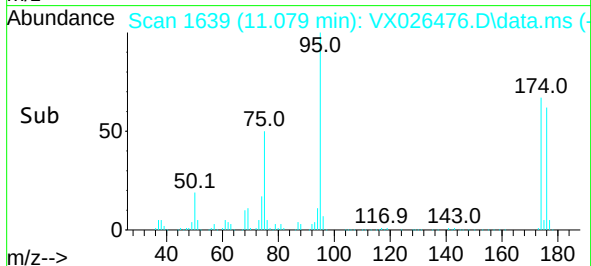


#62
4-Bromofluorobenzene
Concen: 51.018 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28

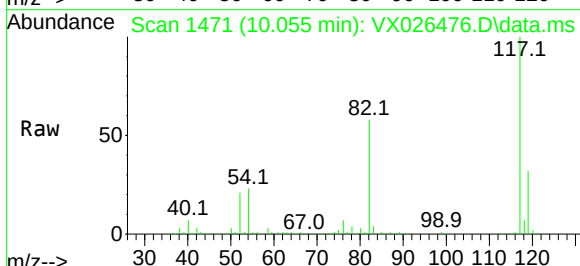
Instrument :
MSVOA_X
ClientSampleId :



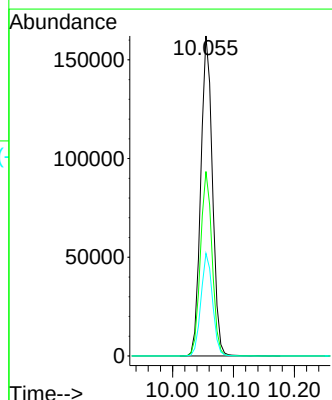
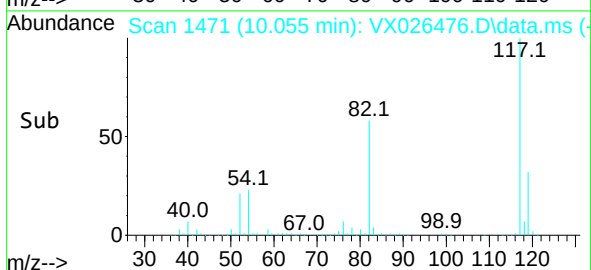
Tgt Ion: 95 Resp: 103710
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.6
176 69.3 0.0 141.4

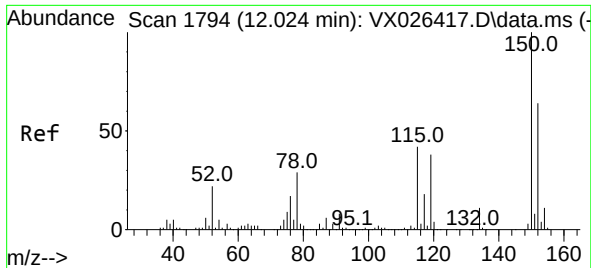


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026476.D
Acq: 15 Jan 2022 00:28



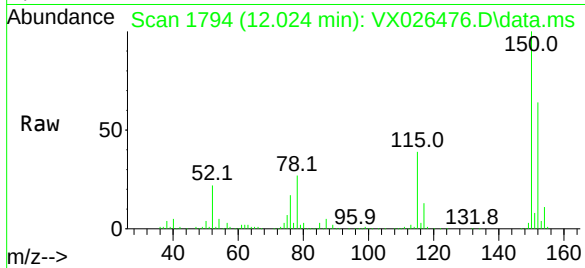
Tgt Ion: 117 Resp: 215508
Ion Ratio Lower Upper
117 100
82 57.7 45.2 67.8
119 32.1 26.2 39.2



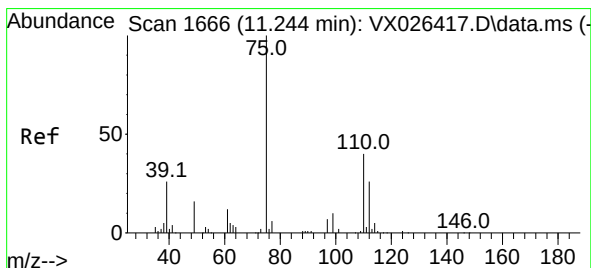
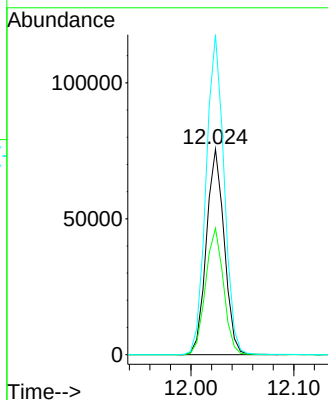
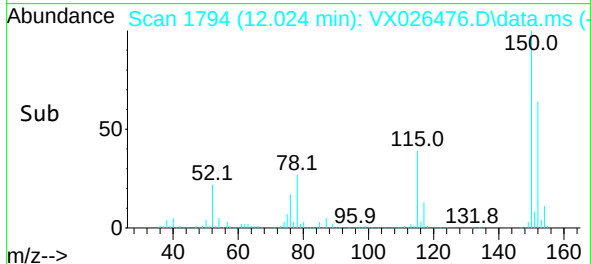


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026476.D
 Acq: 15 Jan 2022 00:28

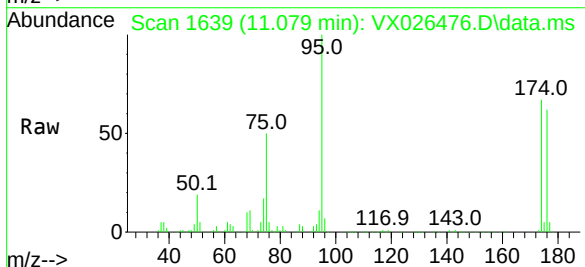
Instrument :
 MSVOA_X
 ClientSampleId :



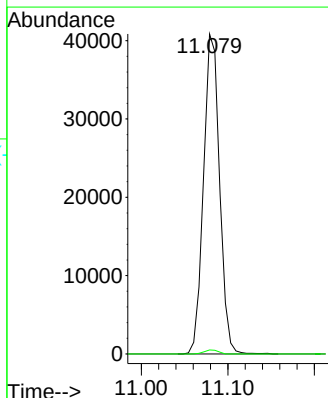
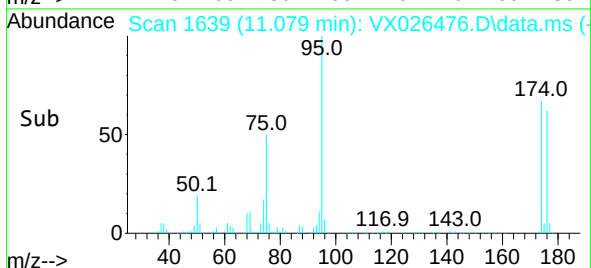
Tgt Ion:152 Resp: 91534
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.2 132.6
 150 157.2 0.0 348.2

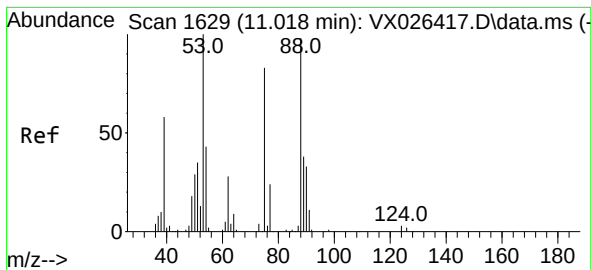


#76
 1,2,3-Trichloropropane
 Concen: 26.087 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026476.D
 Acq: 15 Jan 2022 00:28



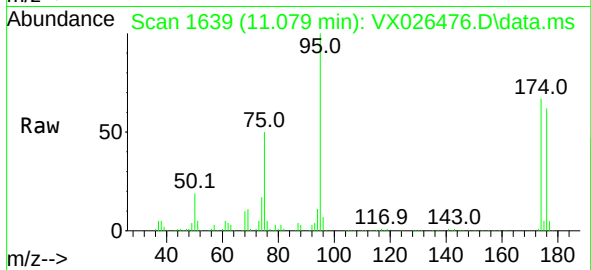
Tgt Ion: 75 Resp: 52575
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.078 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026476.D
 Acq: 15 Jan 2022 00:28

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52575
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

