

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026463.D
 Acq On : 14 Jan 2022 19:26
 Operator : JC/MD
 Sample : PB142010ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 00:41:31 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

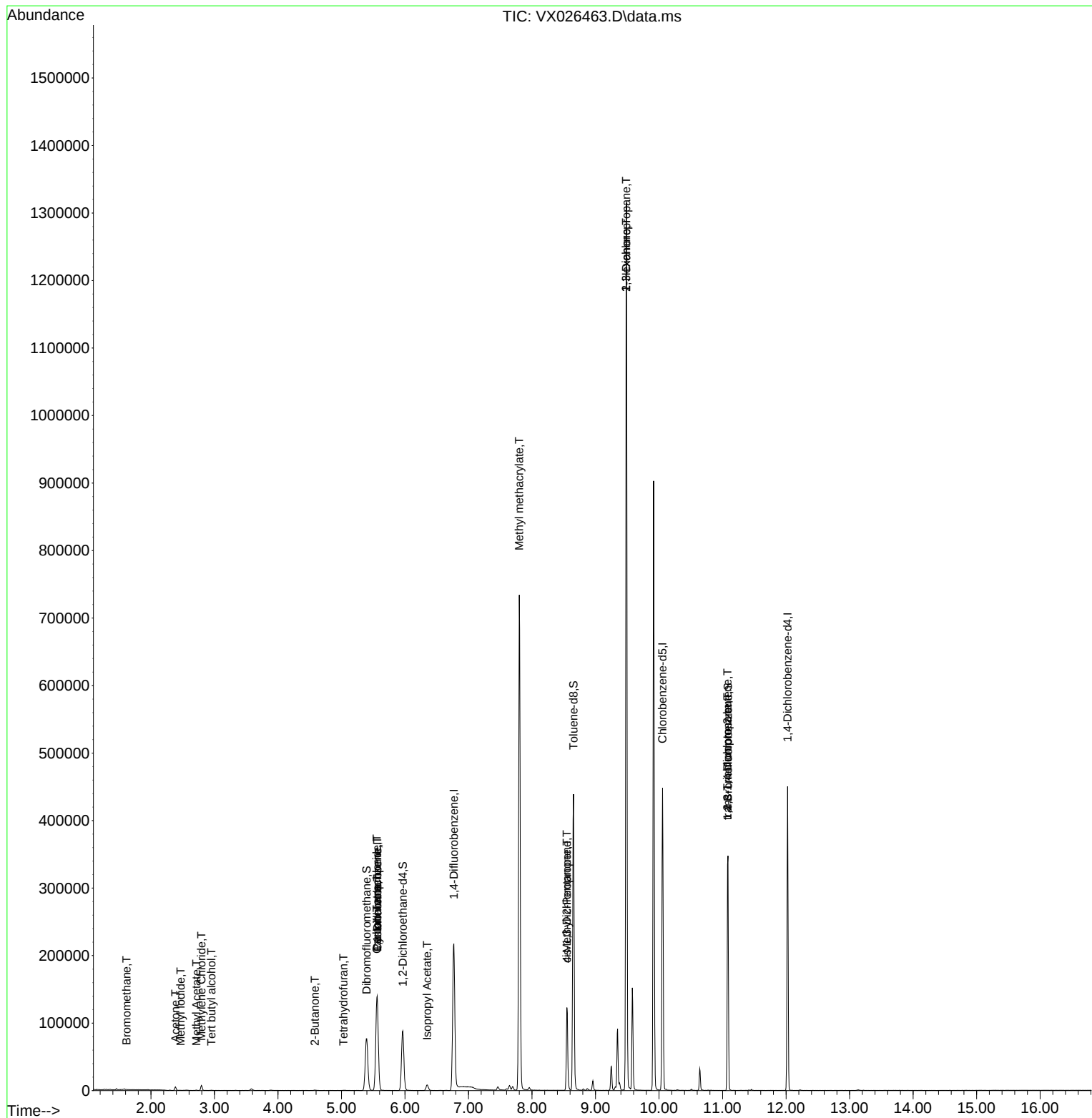
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	128069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	89034	49.767	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.540%
35) Dibromofluoromethane	5.397	113	68803	49.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.653	98	253062	50.476	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.960%
62) 4-Bromofluorobenzene	11.085	95	96170	53.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.000%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	155	0.231	ug/l	81
10) Methyl Iodide	2.465	142	278	4.613	ug/l #	59
11) Tert butyl alcohol	2.953	59	165	0.663	ug/l #	75
16) Acetone	2.386	43	5780	6.335	ug/l	92
18) Methyl Acetate	2.715	43	794	0.438	ug/l #	87
20) Methylene Chloride	2.794	84	3102	2.058	ug/l	98
25) 2-Butanone	4.580	43	1116	0.941	ug/l #	85
29) Tetrahydrofuran	5.031	42	209	0.297	ug/l #	34
31) Cyclohexane	5.562	56	2699	1.023	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	10027	4.565	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13743	6.083	ug/l #	17
43) Isopropyl Acetate	6.348	43	11755	3.275	ug/l	98
48) Methyl methacrylate	7.799	41	63963	35.963	ug/l #	45
51) 4-Methyl-2-Pentanone	8.549	43	43934	20.639	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19285	8.319	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	11256	4.469	ug/l #	43
59) 2-Hexanone	9.482	43	167000	102.501	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	48301	25.417	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48301	77.174	ug/l #	4

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

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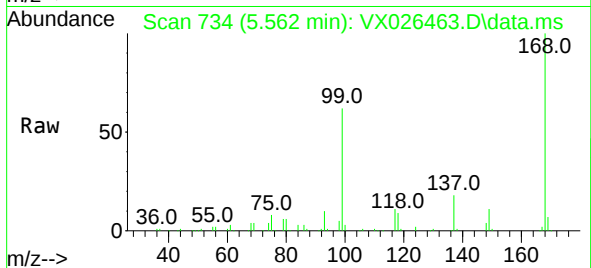
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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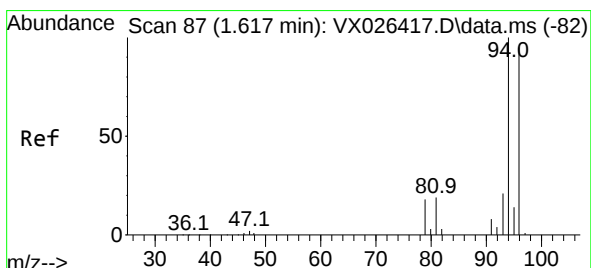
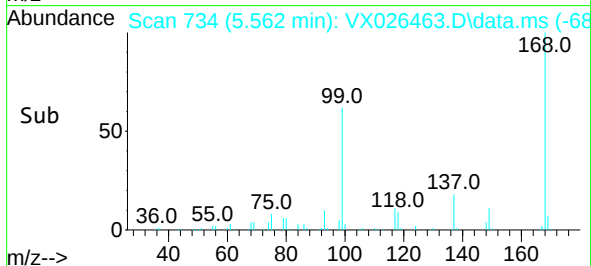
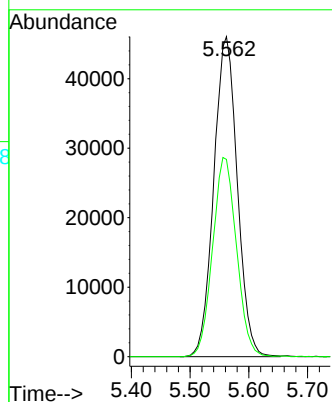


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :

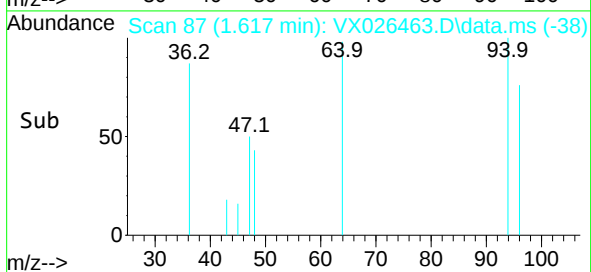
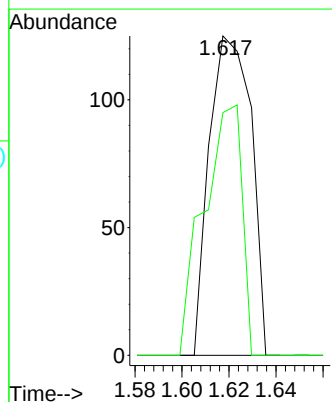
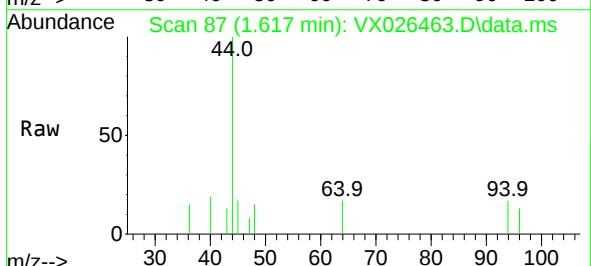


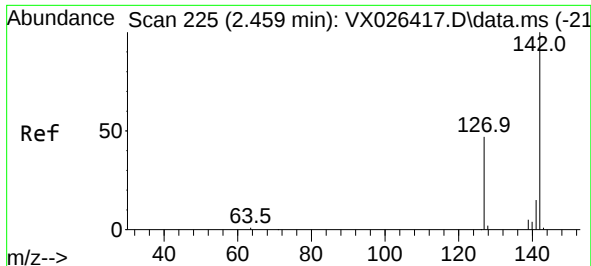
Tgt Ion:168 Resp: 128069
Ion Ratio Lower Upper
168 100
99 61.7 50.3 75.5



#5
Bromomethane
Concen: 0.231 ug/l
RT: 1.617 min Scan# 87
Delta R.T. -0.000 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

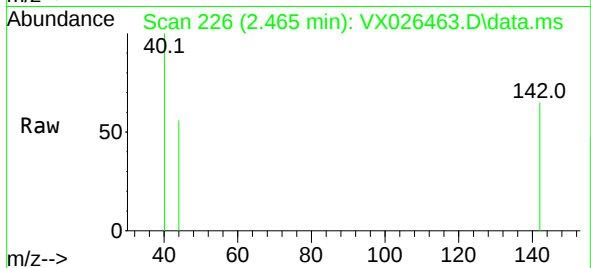
Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 76.0 75.9 113.9



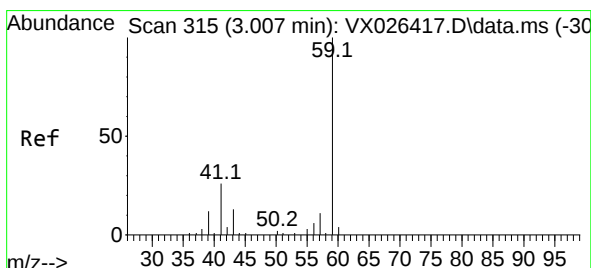
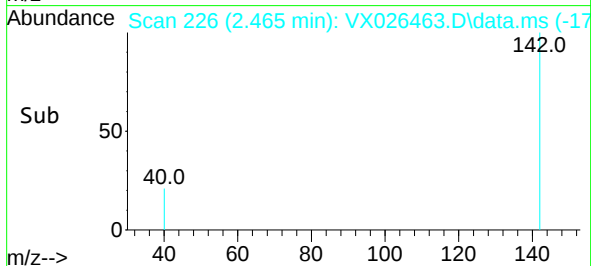
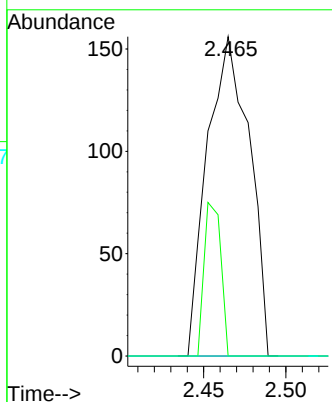


#10
Methyl Iodide
Concen: 4.613 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :

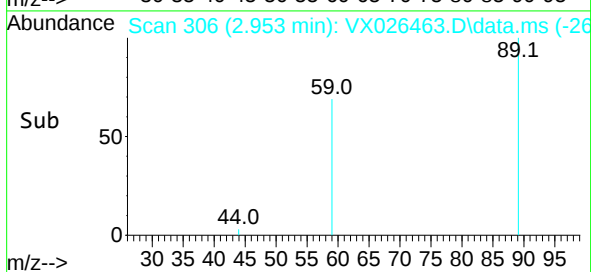
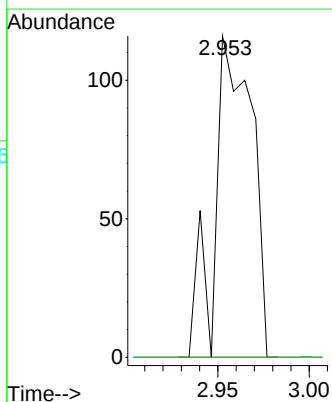
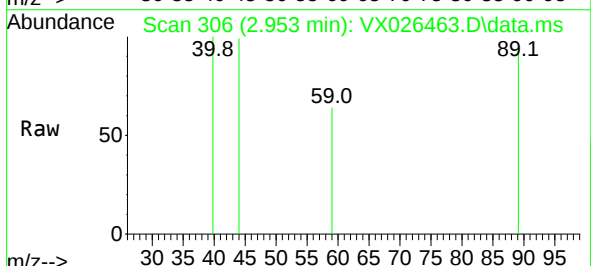


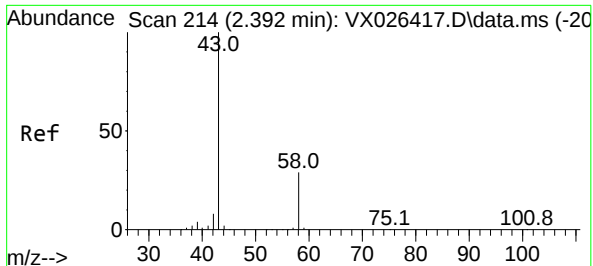
Tgt Ion:142 Resp: 278
Ion Ratio Lower Upper
142 100
127 19.1 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.663 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

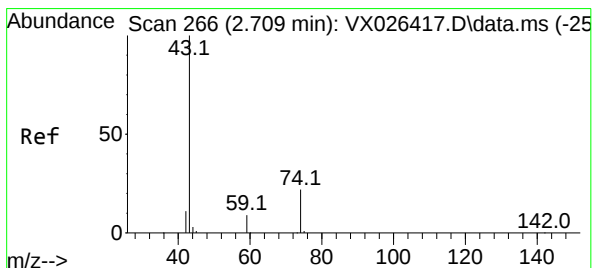
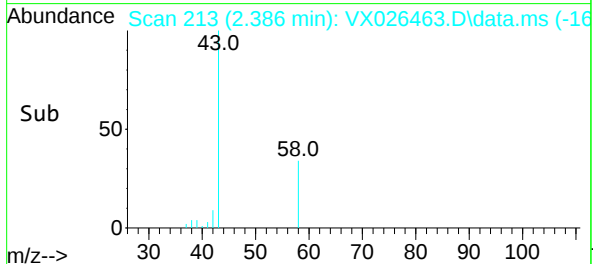
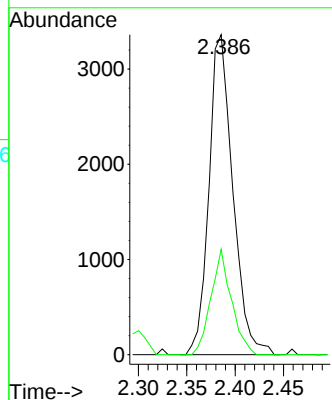
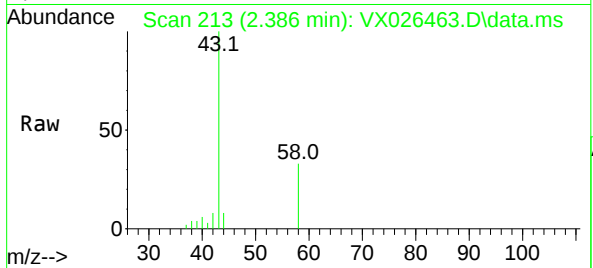




#16
Acetone
Concen: 6.335 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

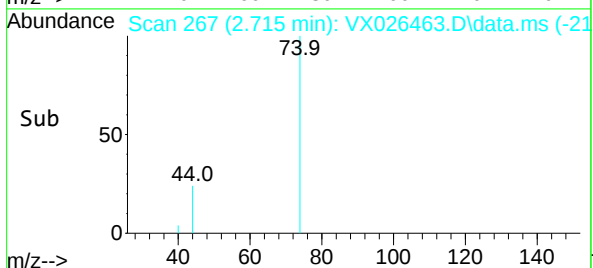
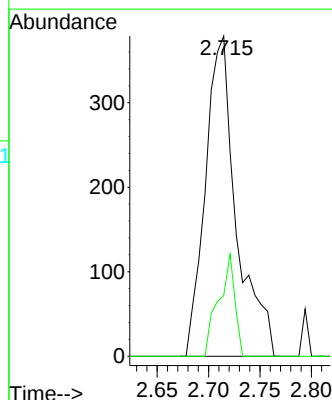
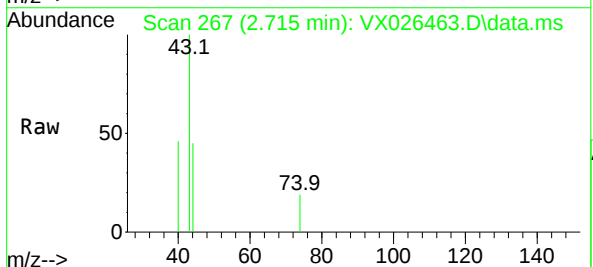
Instrument :
MSVOA_X
ClientSampleId :

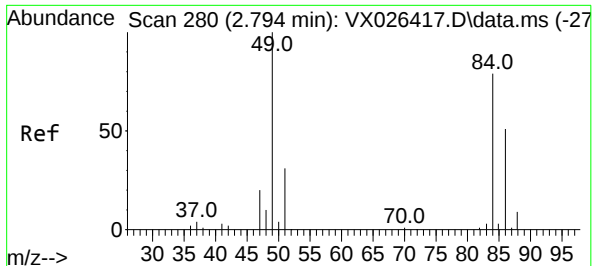
Tgt Ion: 43 Resp: 5780
Ion Ratio Lower Upper
43 100
58 33.0 23.0 34.6



#18
Methyl Acetate
Concen: 0.438 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
74 16.6 18.3 27.5#





#20

Methylene Chloride

Concen: 2.058 ug/l

RT: 2.794 min Scan# 21

Delta R.T. -0.000 min

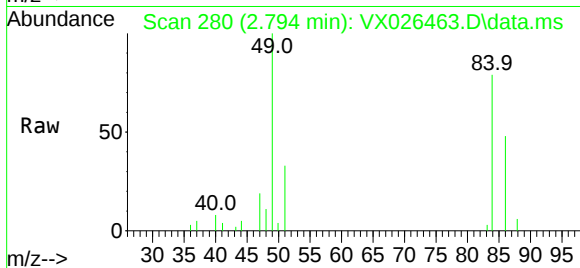
Lab File: VX026463.D

Acq: 14 Jan 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 3102

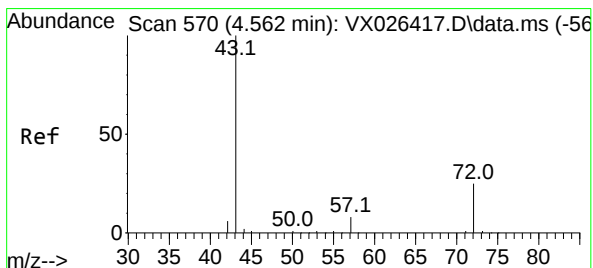
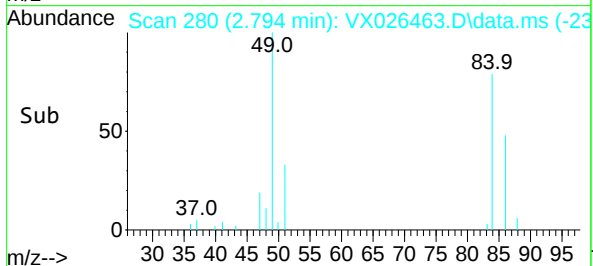
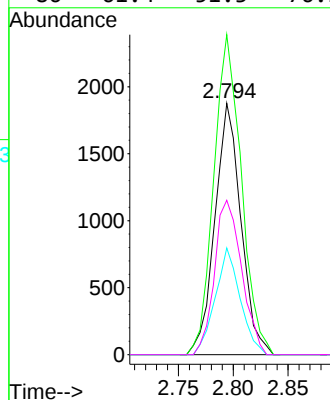
Ion Ratio Lower Upper

84 100

49 127.3 101.5 152.3

51 42.4 31.2 46.8

86 61.4 51.3 76.9



#25

2-Butanone

Concen: 0.941 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX026463.D

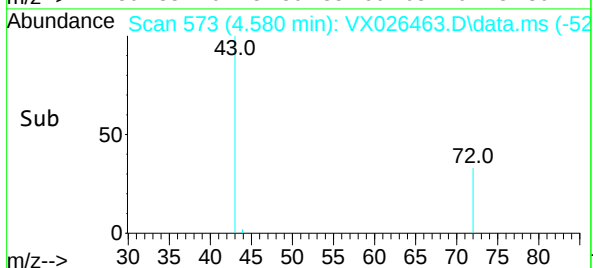
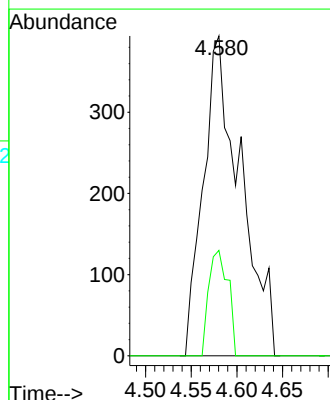
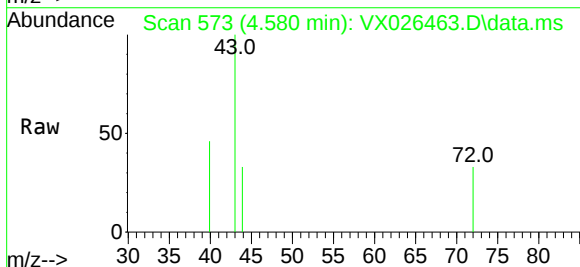
Acq: 14 Jan 2022 19:26

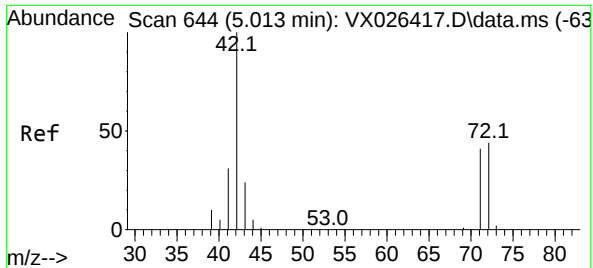
Tgt Ion: 43 Resp: 1116

Ion Ratio Lower Upper

43 100

72 33.0 20.4 30.6#





#29

Tetrahydrofuran

Concen: 0.297 ug/l

RT: 5.031 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX026463.D

Acq: 14 Jan 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

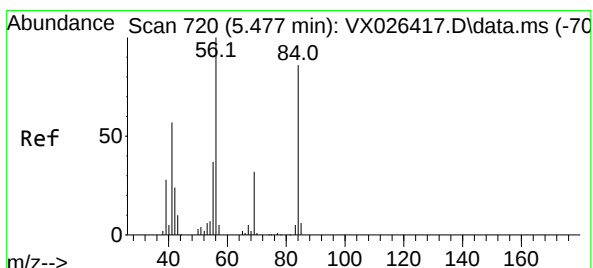
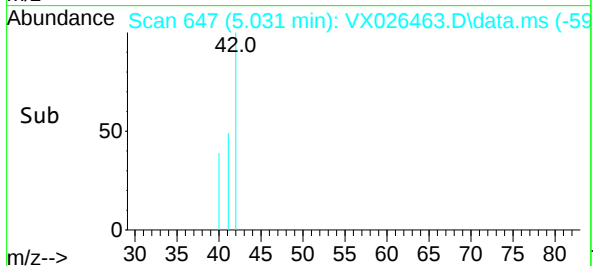
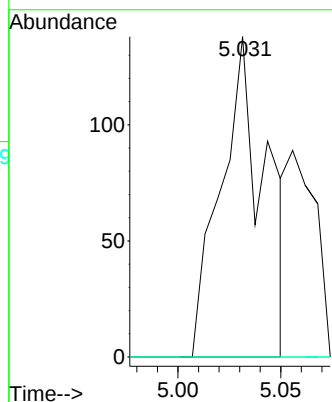
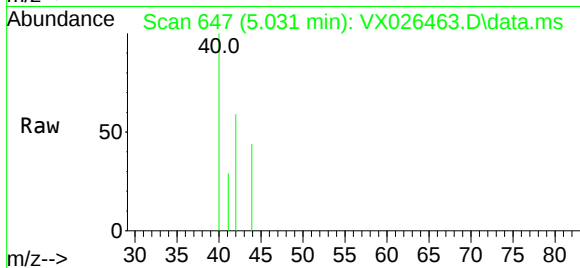
Tgt Ion: 42 Resp: 209

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#



#31

Cyclohexane

Concen: 1.023 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX026463.D

Acq: 14 Jan 2022 19:26

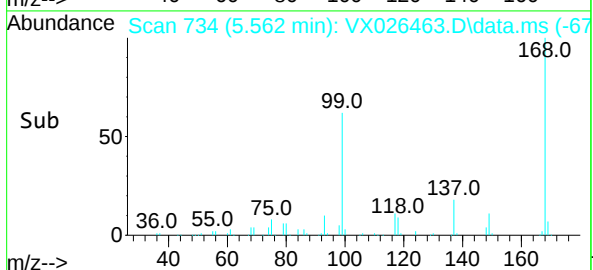
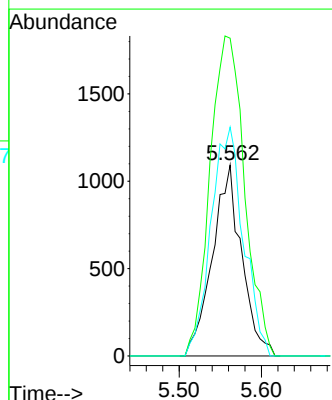
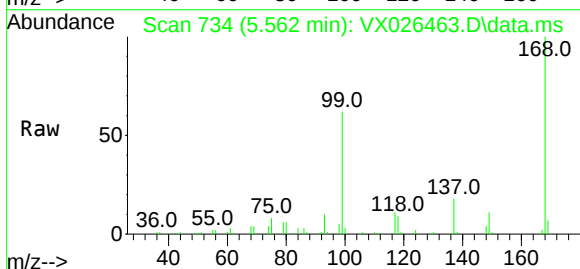
Tgt Ion: 56 Resp: 2699

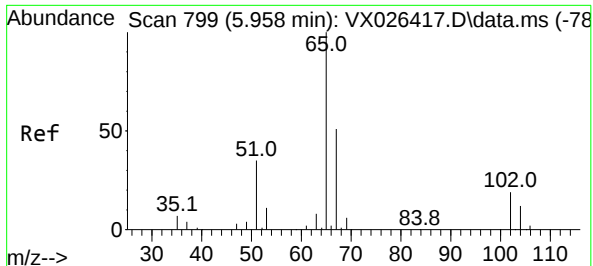
Ion Ratio Lower Upper

56 100

69 166.4 25.8 38.6#

84 119.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.767 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026463.D

Acq: 14 Jan 2022 19:26

Instrument :

MSVOA_X

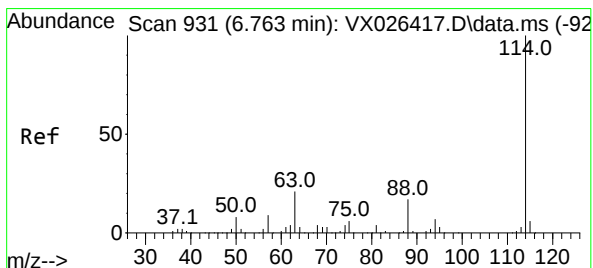
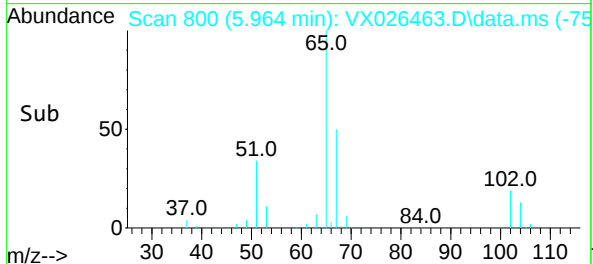
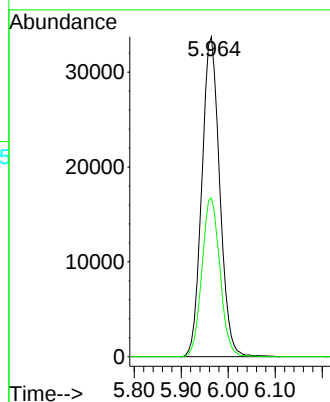
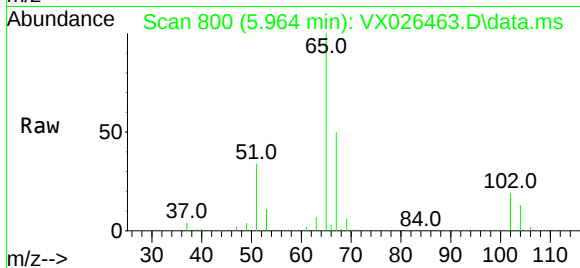
ClientSampleId :

Tgt Ion: 65 Resp: 89034

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026463.D

Acq: 14 Jan 2022 19:26

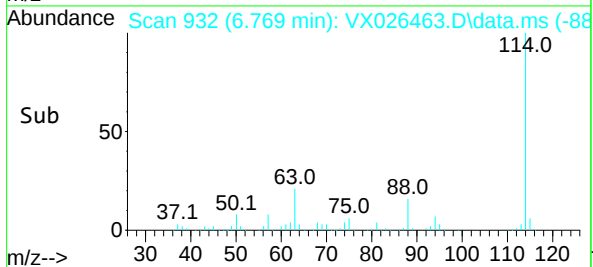
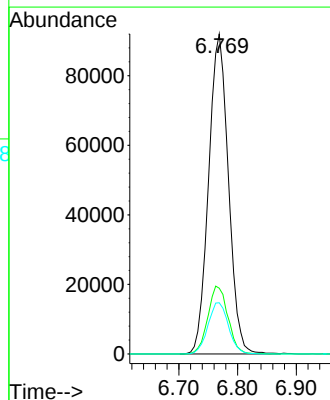
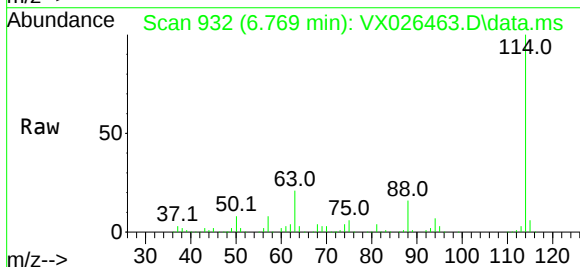
Tgt Ion: 114 Resp: 215444

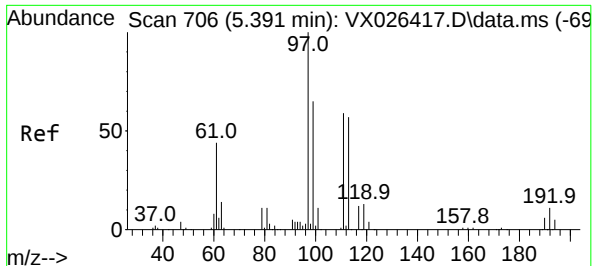
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.453 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

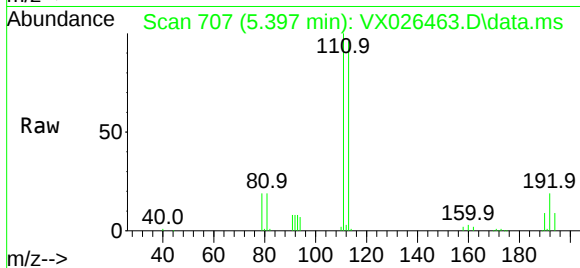
Lab File: VX026463.D

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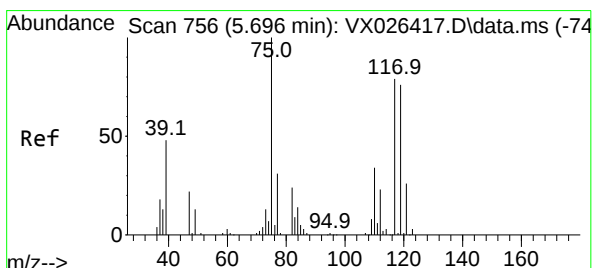
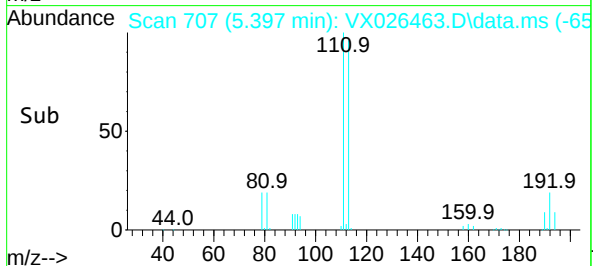
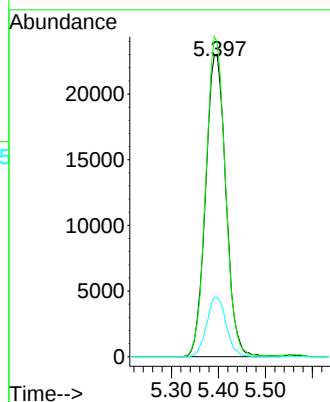
Tgt Ion:113 Resp: 68803

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

192 19.0 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.565 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX026463.D

Acq: 14 Jan 2022 19:26

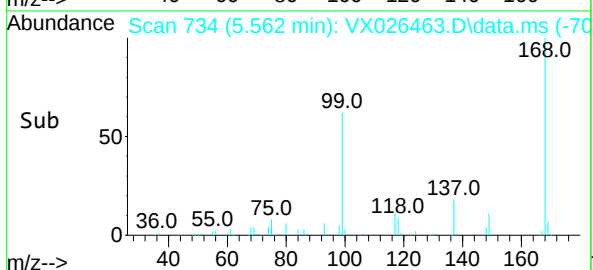
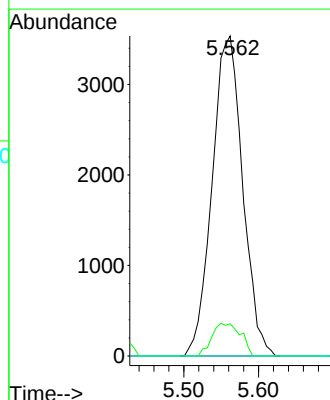
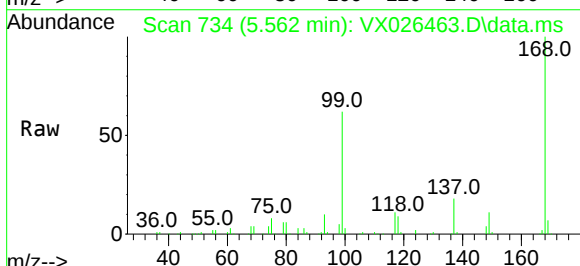
Tgt Ion: 75 Resp: 10027

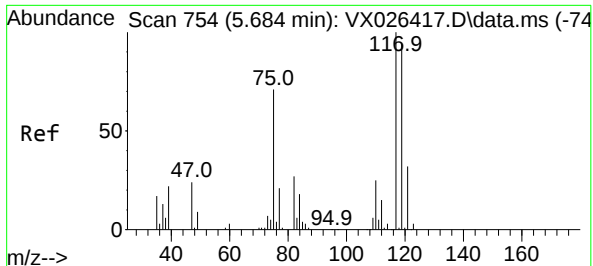
Ion Ratio Lower Upper

75 100

110 9.6 17.2 51.6#

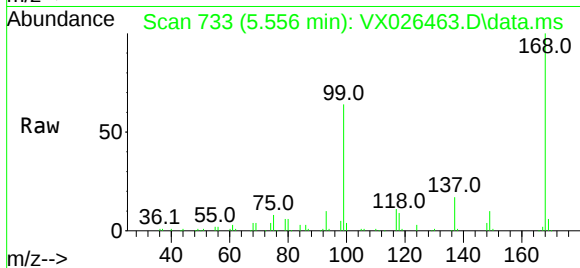
77 0.0 24.6 36.8#



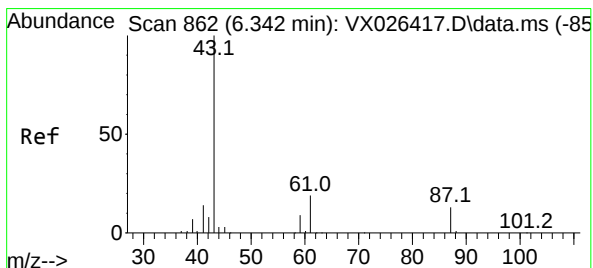
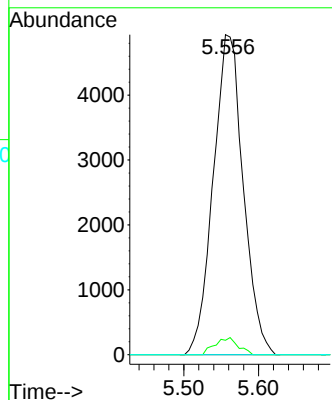
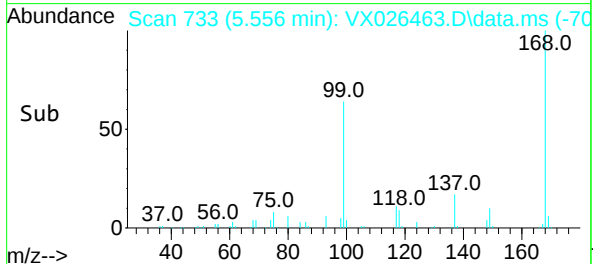


#38
Carbon Tetrachloride
Concen: 6.083 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :

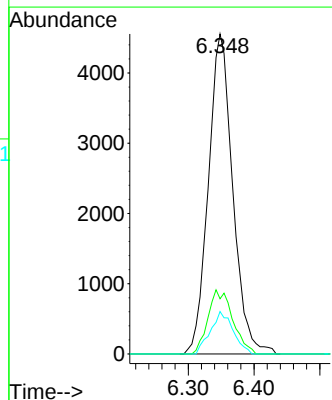
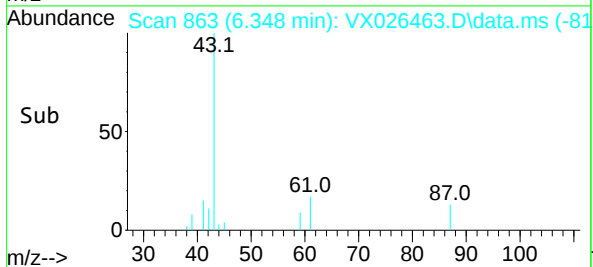
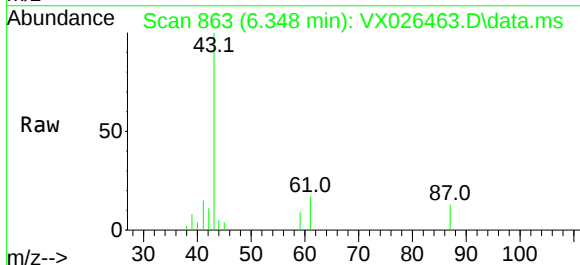


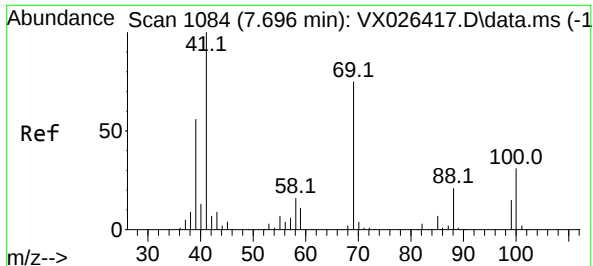
Tgt Ion:117 Resp: 13743
Ion Ratio Lower Upper
117 100
119 4.5 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.275 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

Tgt Ion: 43 Resp: 11755
Ion Ratio Lower Upper
43 100
61 20.3 15.4 23.0
87 12.3 10.2 15.2





#48

Methyl methacrylate

Concen: 35.963 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026463.D

Acq: 14 Jan 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

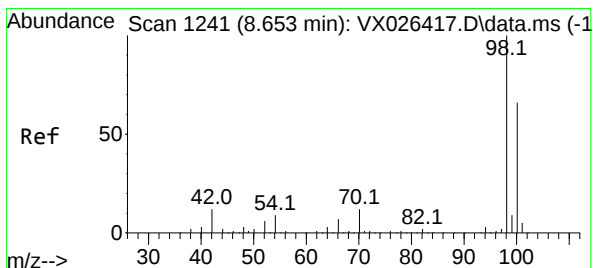
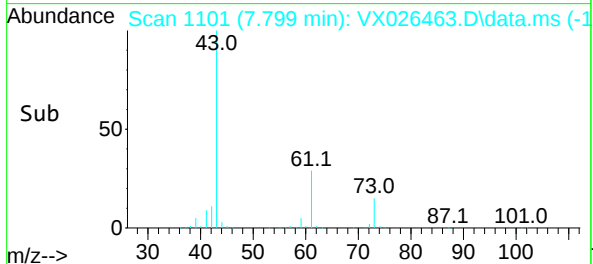
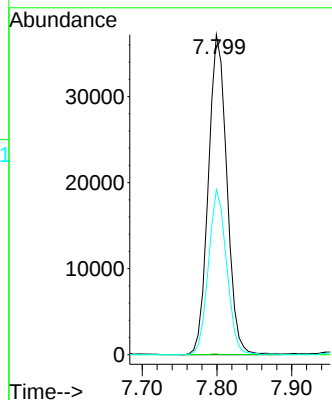
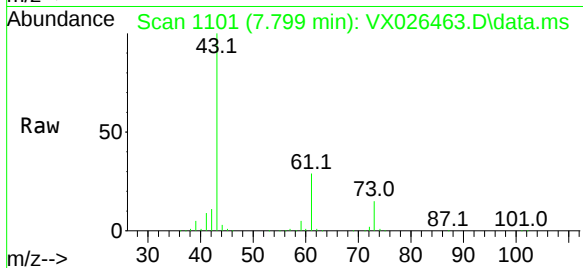
Tgt Ion: 41 Resp: 63963

Ion Ratio Lower Upper

41 100

69 0.1 62.2 93.4#

39 50.6 45.4 68.0



#50

Toluene-d8

Concen: 50.476 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026463.D

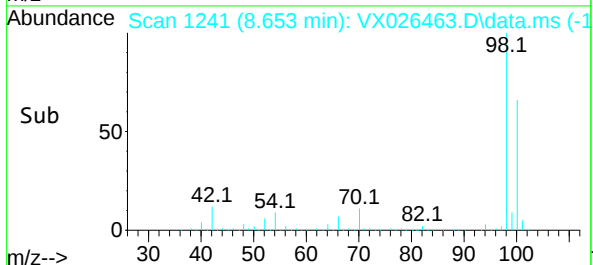
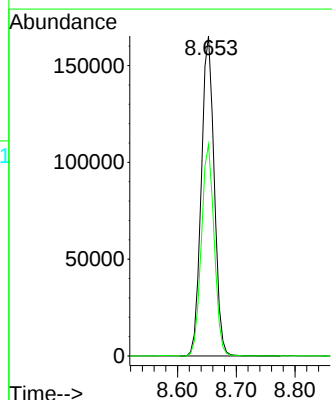
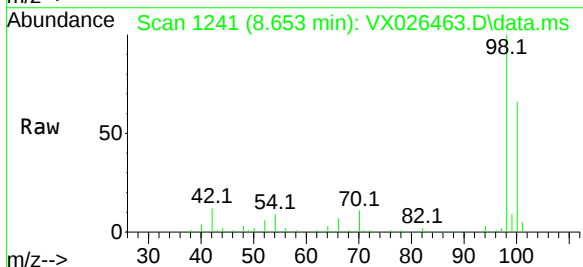
Acq: 14 Jan 2022 19:26

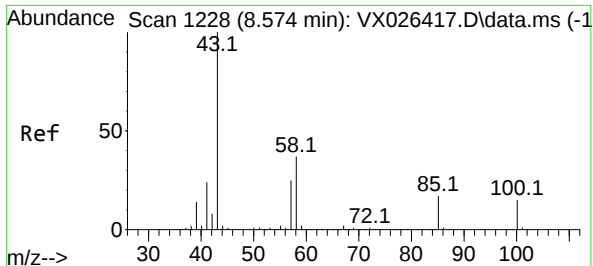
Tgt Ion: 98 Resp: 253062

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8

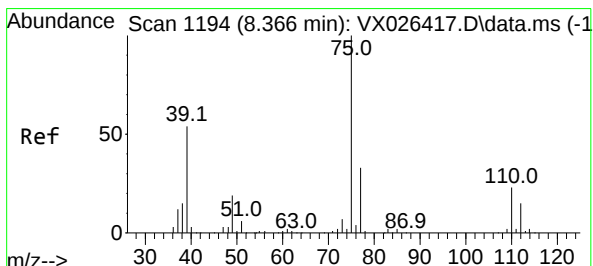
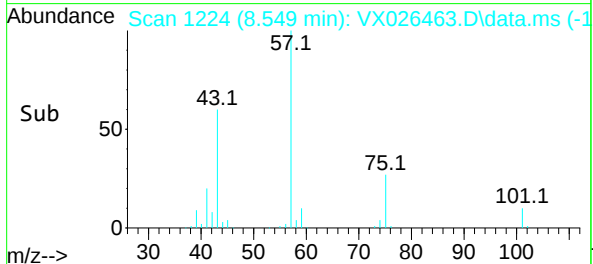
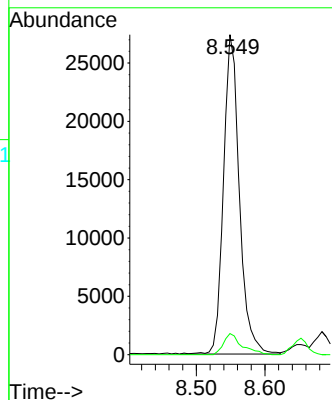
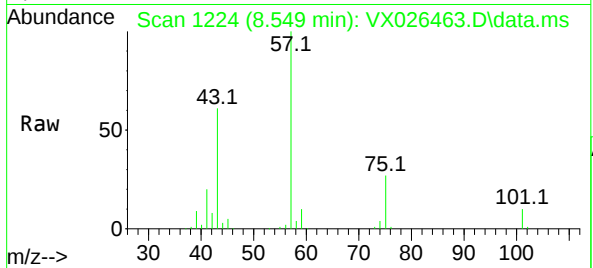




#51
4-Methyl-2-Pentanone
Concen: 20.639 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

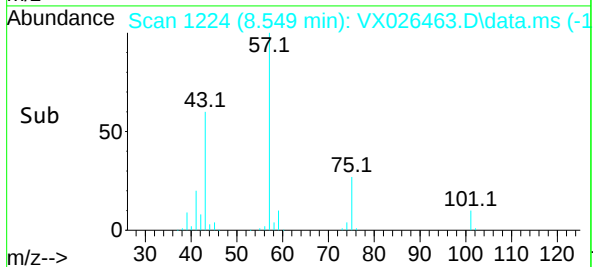
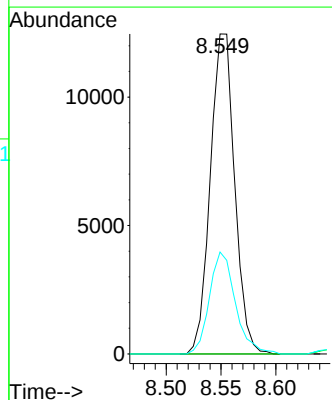
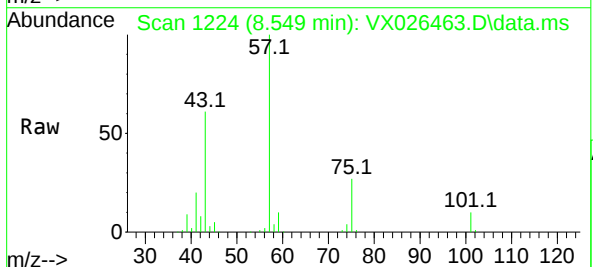
Instrument :
MSVOA_X
ClientSampleId :

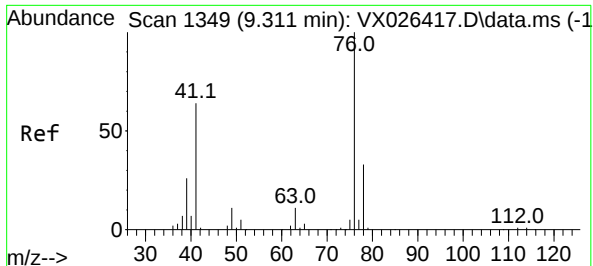
Tgt Ion: 43 Resp: 43934
Ion Ratio Lower Upper
43 100
58 7.6 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.319 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

Tgt Ion: 75 Resp: 19285
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 31.8 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.469 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026463.D

Acq: 14 Jan 2022 19:26

Instrument :

MSVOA_X

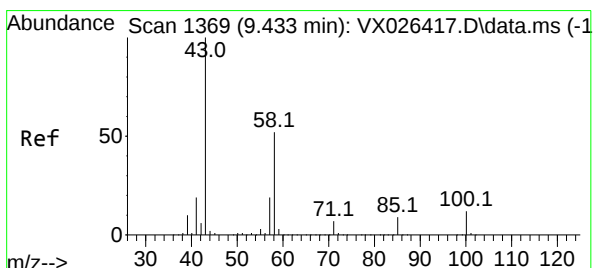
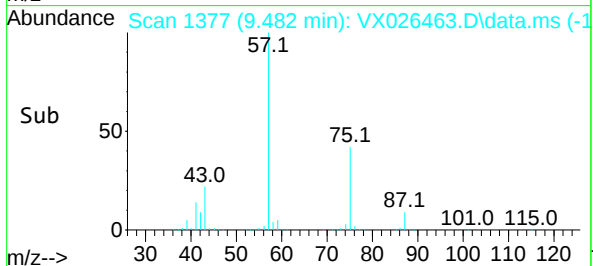
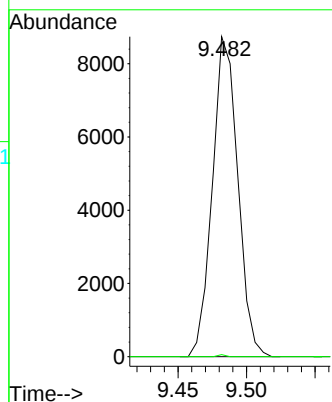
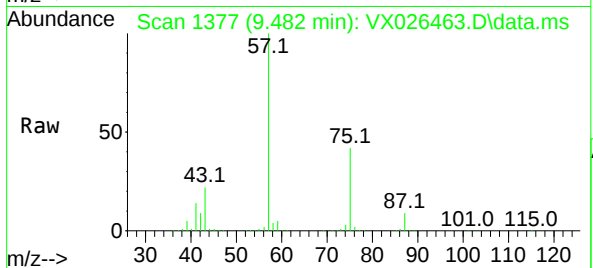
ClientSampleId :

Tgt Ion: 76 Resp: 11256

Ion Ratio Lower Upper

76 100

78 0.2 25.7 38.5#



#59

2-Hexanone

Concen: 102.501 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026463.D

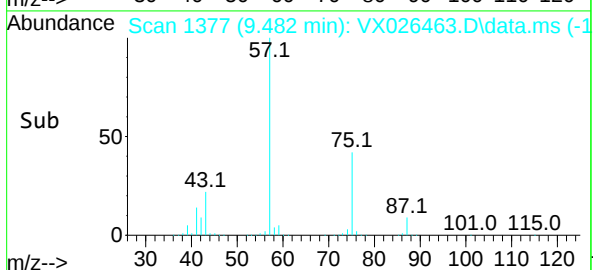
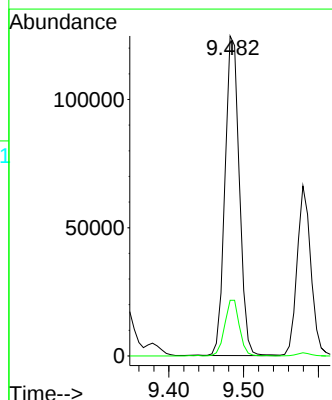
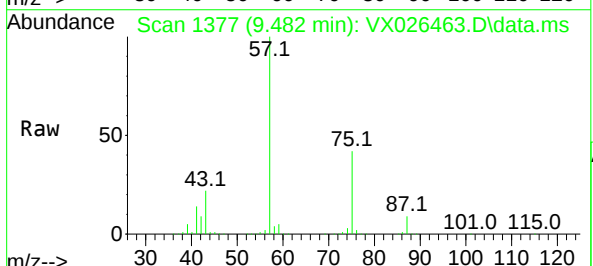
Acq: 14 Jan 2022 19:26

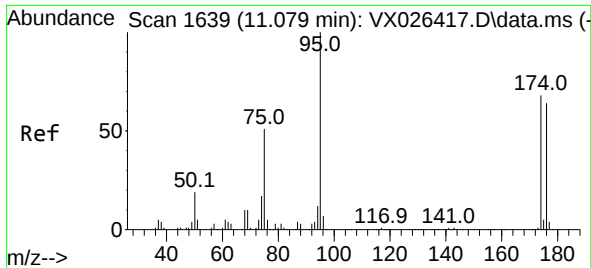
Tgt Ion: 43 Resp: 167000

Ion Ratio Lower Upper

43 100

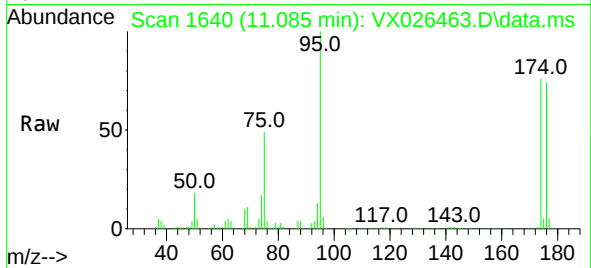
58 17.9 26.4 79.2#



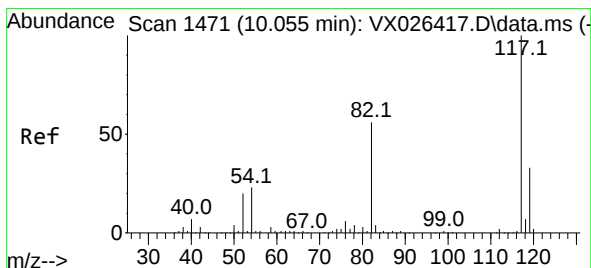
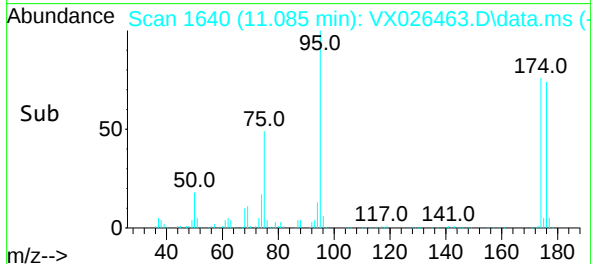
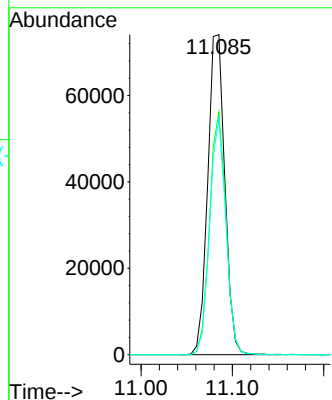


#62
4-Bromofluorobenzene
Concen: 53.998 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :

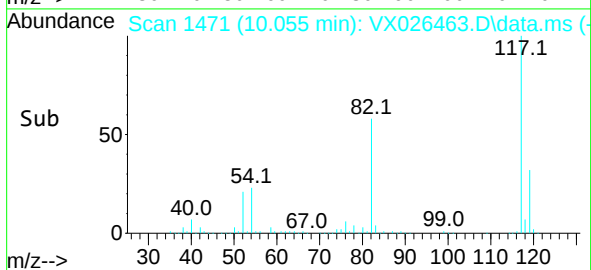
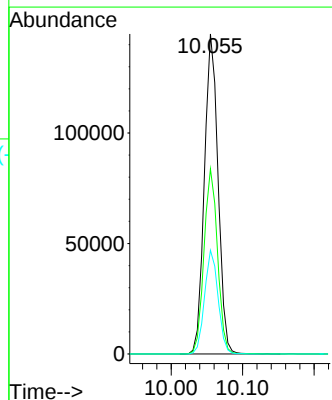
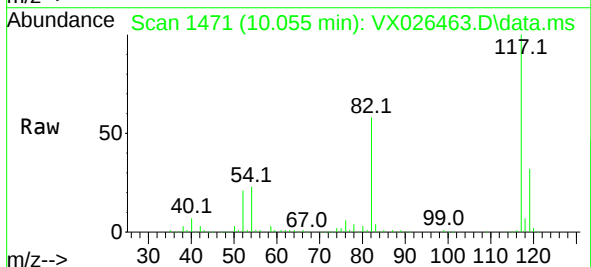


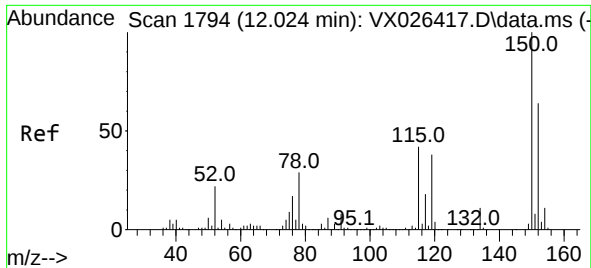
Tgt Ion: 95 Resp: 96170
Ion Ratio Lower Upper
95 100
174 72.9 0.0 148.6
176 69.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026463.D
Acq: 14 Jan 2022 19:26

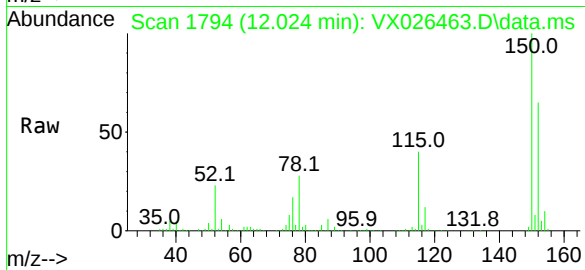
Tgt Ion: 117 Resp: 192366
Ion Ratio Lower Upper
117 100
82 57.8 45.2 67.8
119 32.4 26.2 39.2



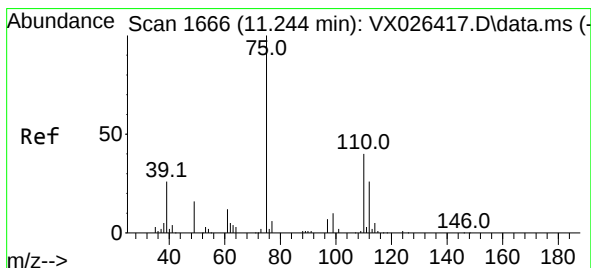
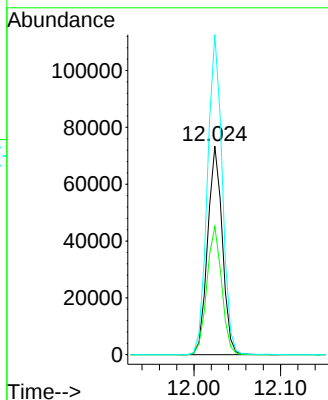
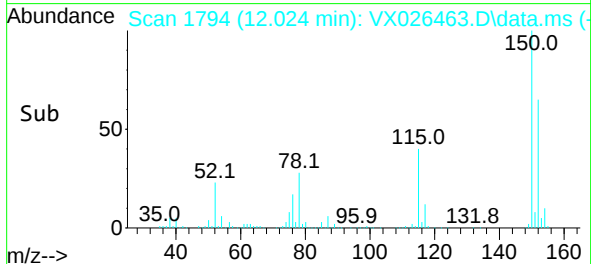


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026463.D
 Acq: 14 Jan 2022 19:26

Instrument :
 MSVOA_X
 ClientSampleId :

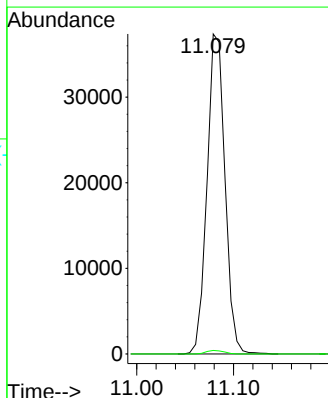
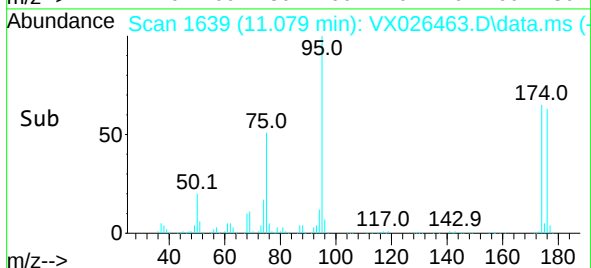
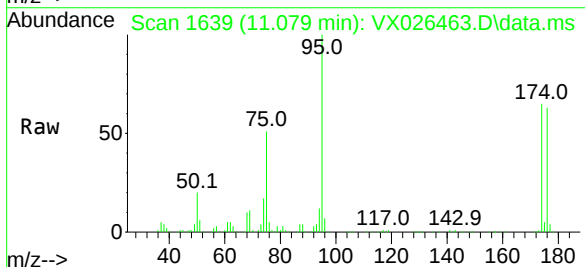


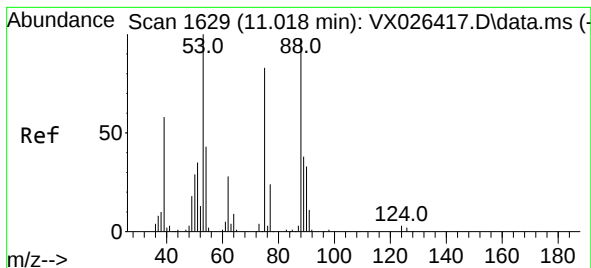
Tgt Ion:152 Resp: 86310
 Ion Ratio Lower Upper
 152 100
 115 61.9 44.2 132.6
 150 154.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.417 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026463.D
 Acq: 14 Jan 2022 19:26

Tgt Ion: 75 Resp: 48301
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.174 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026463.D
 Acq: 14 Jan 2022 19:26

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 48301
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

