

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026472.D
 Acq On : 14 Jan 2022 22:55
 Operator : JC/MD
 Sample : N1112-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

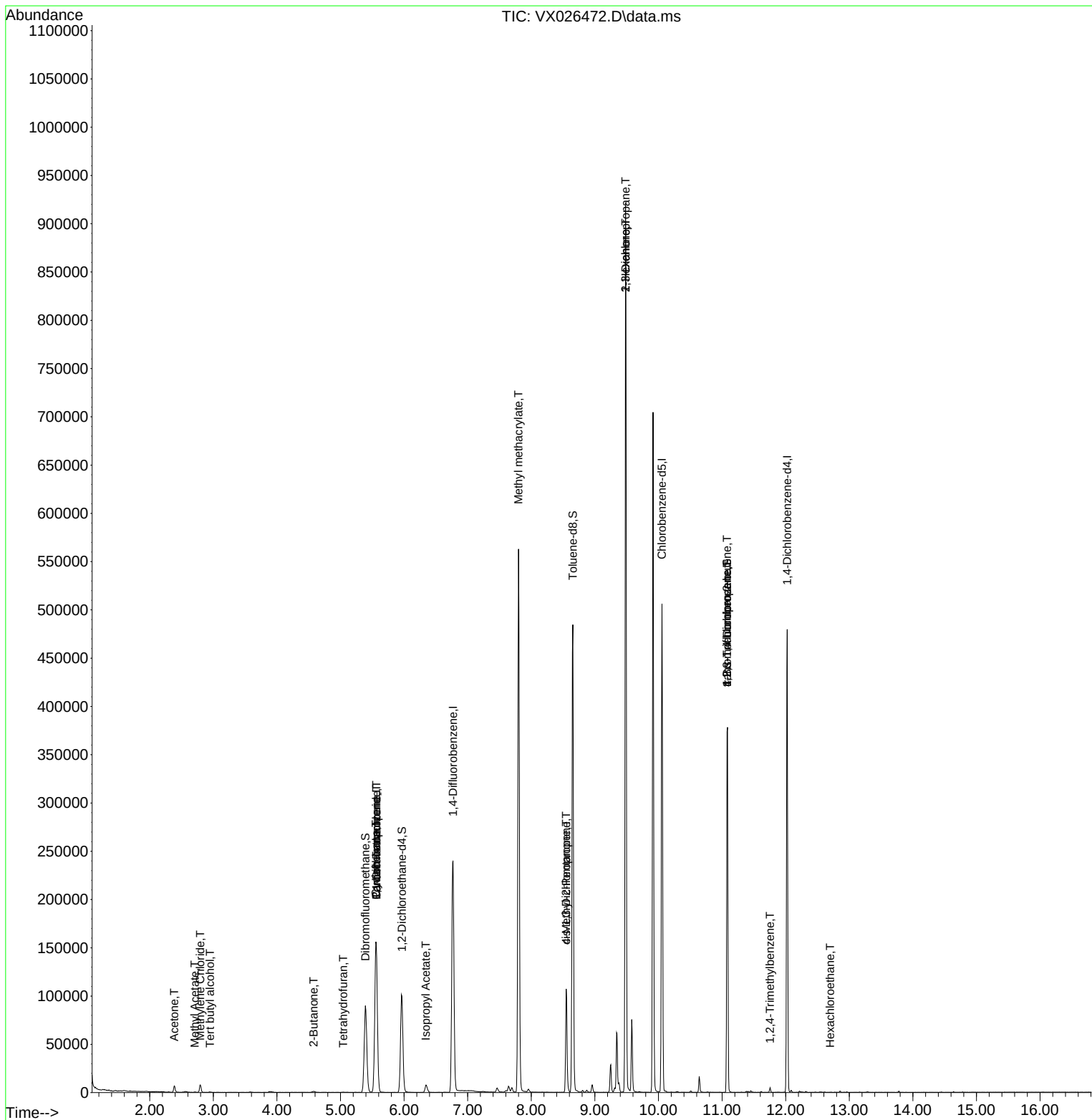
Quant Time: Jan 17 00:42:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

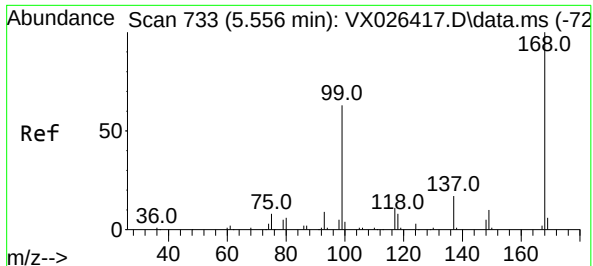
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	145518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100086	49.236	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.480%
35) Dibromofluoromethane	5.391	113	77450	49.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	8.653	98	283082	50.070	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.140%
62) 4-Bromofluorobenzene	11.079	95	105810	52.684	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	320	1.132	ug/l #	75
16) Acetone	2.386	43	7384	7.123	ug/l	98
18) Methyl Acetate	2.709	43	813	0.394	ug/l #	59
20) Methylene Chloride	2.794	84	3453	2.016	ug/l	95
25) 2-Butanone	4.574	43	1609	1.194	ug/l	93
29) Tetrahydrofuran	5.044	42	288	0.360	ug/l #	45
31) Cyclohexane	5.556	56	3078	1.027	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12079	4.877	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15379	6.037	ug/l #	17
43) Isopropyl Acetate	6.342	43	10835	2.677	ug/l	99
48) Methyl methacrylate	7.799	41	47577	23.721	ug/l #	45
51) 4-Methyl-2-Pentanone	8.549	43	38142	15.889	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	16876	6.456	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	8029	2.827	ug/l #	43
59) 2-Hexanone	9.482	43	113941	62.016	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	53923	25.437	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	53923	77.231	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	2159	0.332	ug/l	99
90) Hexachloroethane	12.701	117	168	2.323	ug/l #	14

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

Quant Time: Jan 17 00:42:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
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QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

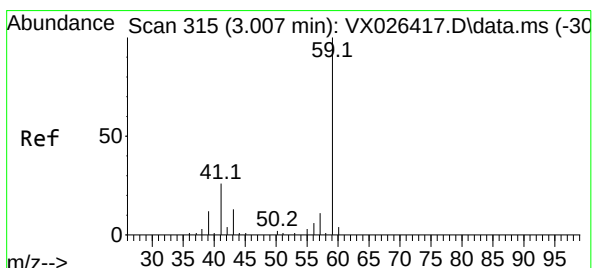
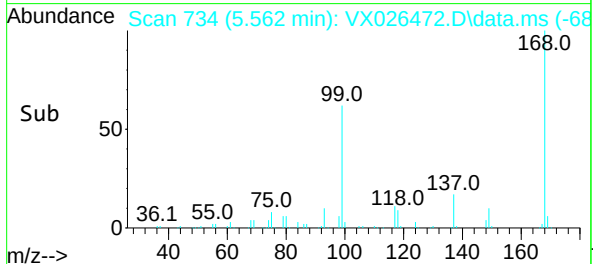
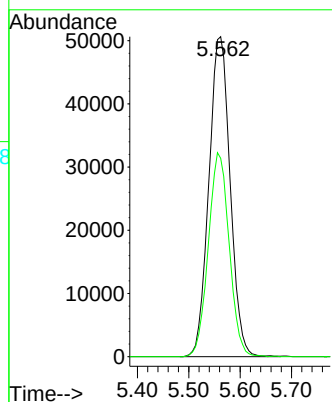
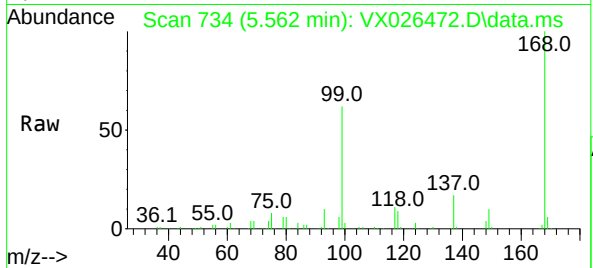




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

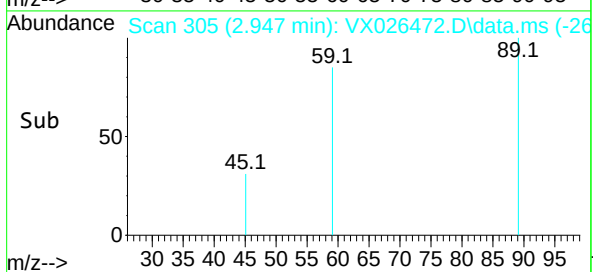
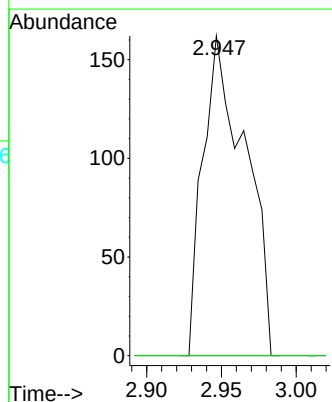
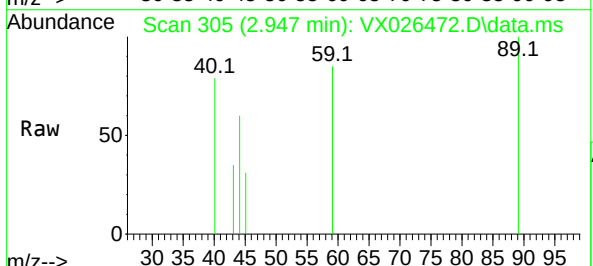
Instrument :
MSVOA_X
ClientSampleId :

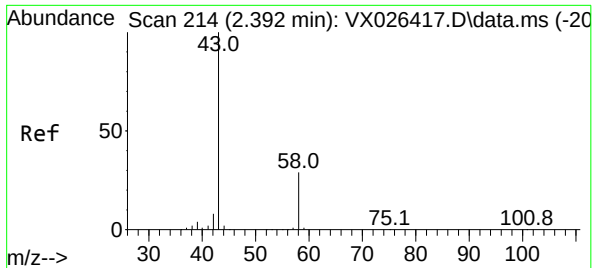
Tgt Ion:168 Resp: 145518
Ion Ratio Lower Upper
168 100
99 62.0 50.3 75.5



#11
Tert butyl alcohol
Concen: 1.132 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

Tgt Ion: 59 Resp: 320
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

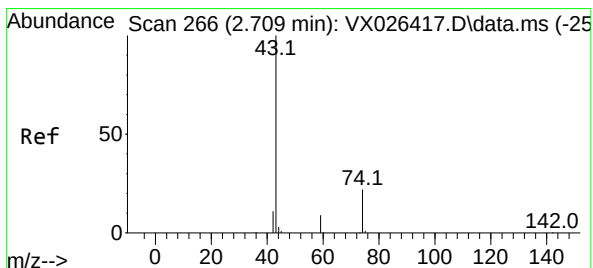
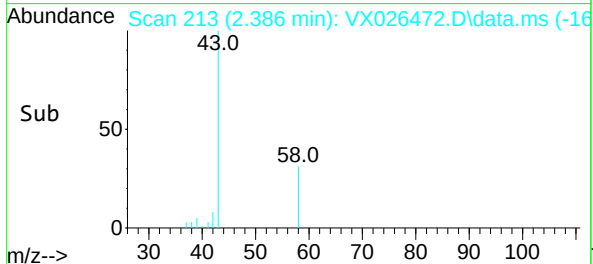
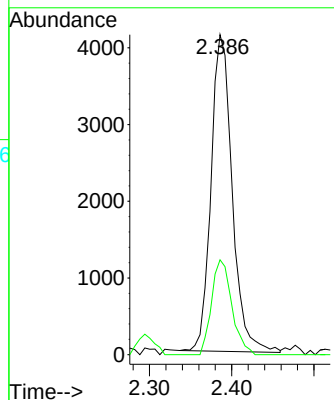
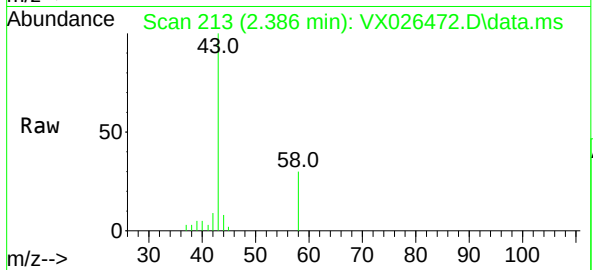




#16
Acetone
Concen: 7.123 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

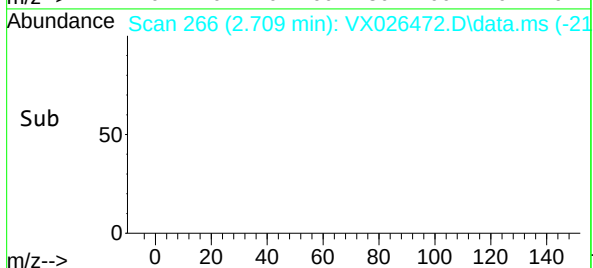
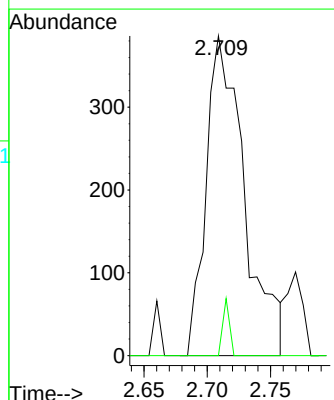
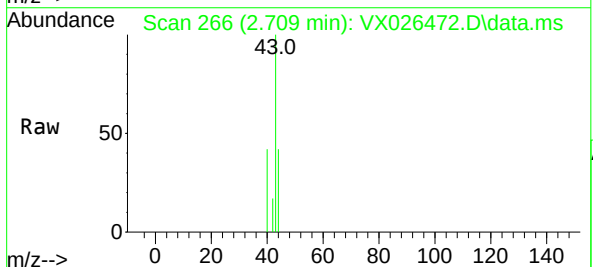
Instrument :
MSVOA_X
ClientSampleId :

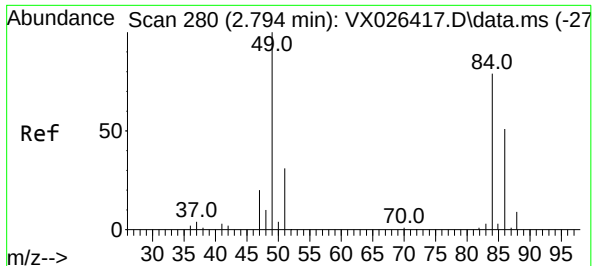
Tgt Ion: 43 Resp: 7384
Ion Ratio Lower Upper
43 100
58 30.0 23.0 34.6



#18
Methyl Acetate
Concen: 0.394 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
74 3.1 18.3 27.5#





#20

Methylene Chloride

Concen: 2.016 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

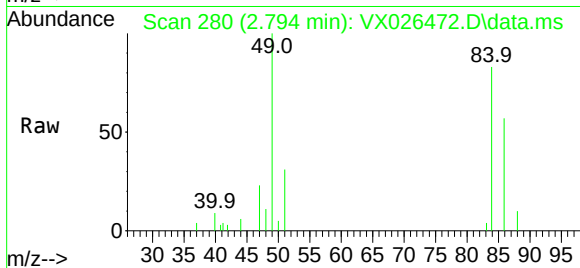
Lab File: VX026472.D

Acq: 14 Jan 2022 22:55

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 3453

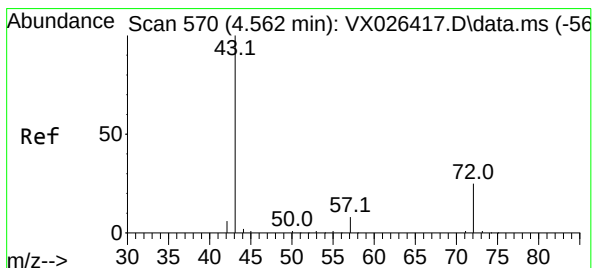
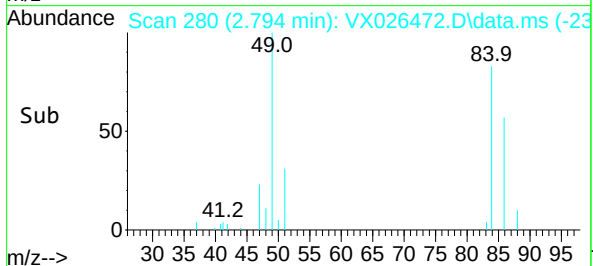
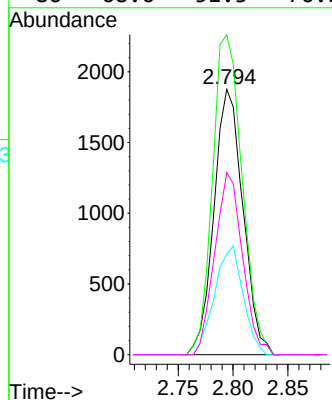
Ion Ratio Lower Upper

84 100

49 120.6 101.5 152.3

51 37.8 31.2 46.8

86 68.6 51.3 76.9



#25

2-Butanone

Concen: 1.194 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX026472.D

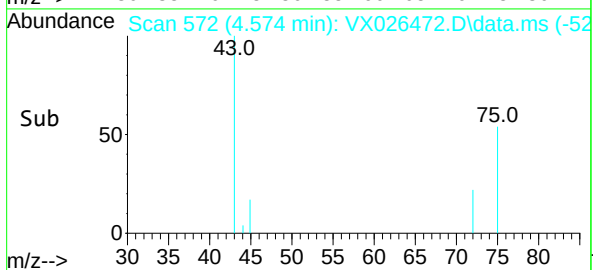
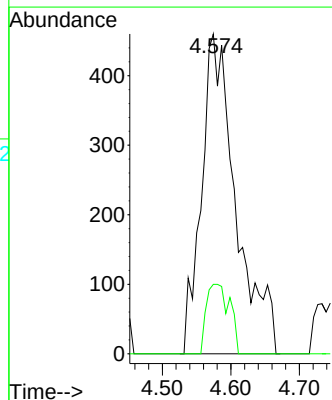
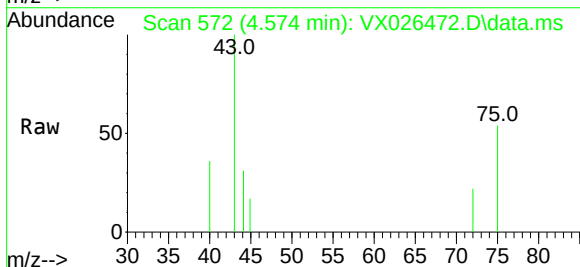
Acq: 14 Jan 2022 22:55

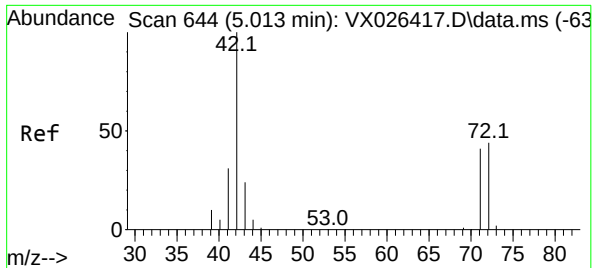
Tgt Ion: 43 Resp: 1609

Ion Ratio Lower Upper

43 100

72 21.7 20.4 30.6





#29

Tetrahydrofuran

Concen: 0.360 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX026472.D

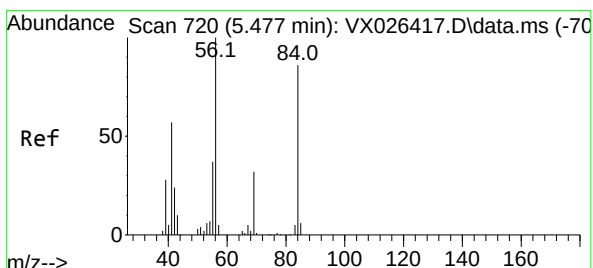
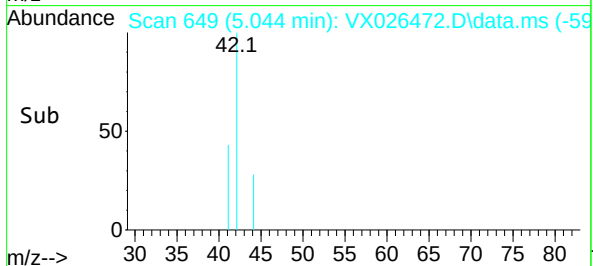
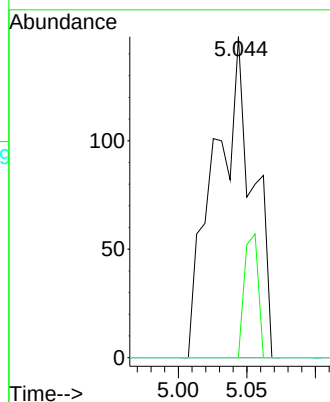
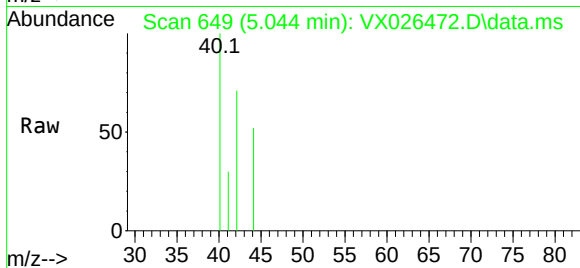
Acq: 14 Jan 2022 22:55

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 42	Resp: 288
Ion Ratio	Lower Upper
42	100
72	13.9 34.6 52.0#
71	0.0 31.8 47.8#



#31

Cyclohexane

Concen: 1.027 ug/l

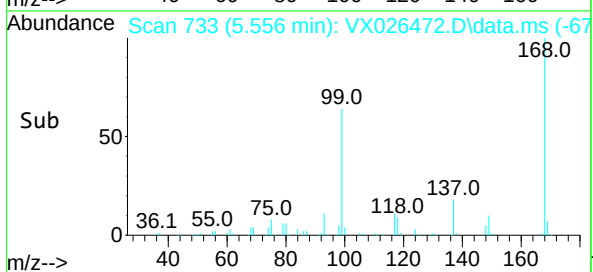
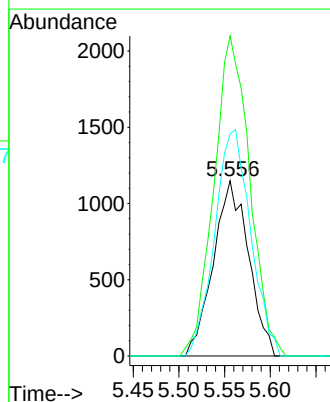
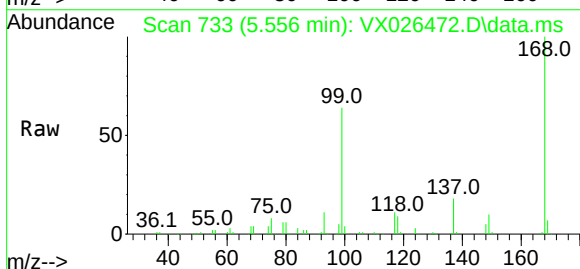
RT: 5.556 min Scan# 733

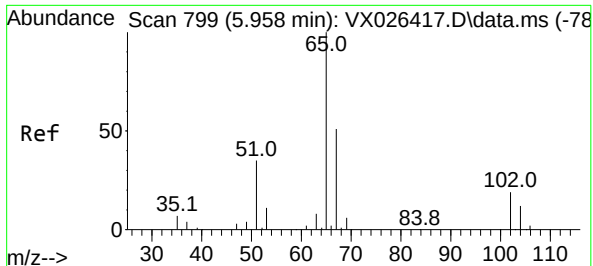
Delta R.T. 0.079 min

Lab File: VX026472.D

Acq: 14 Jan 2022 22:55

Tgt Ion: 56	Resp: 3078
Ion Ratio	Lower Upper
56	100
69	182.7 25.8 38.6#
84	126.9 68.9 103.3#

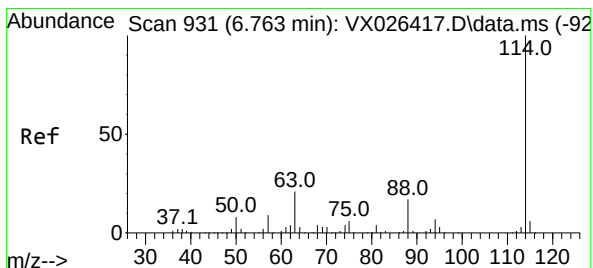
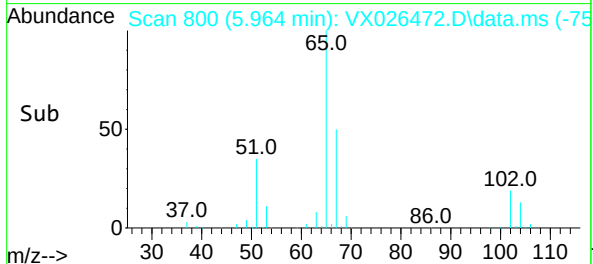
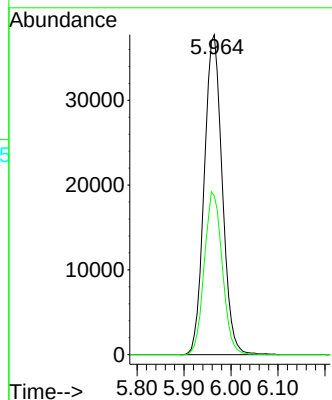
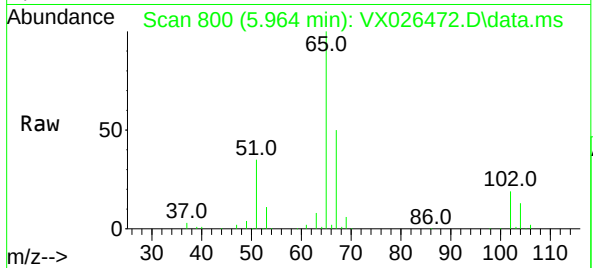




#33
 1,2-Dichloroethane-d4
 Concen: 49.236 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX026472.D
 Acq: 14 Jan 2022 22:55

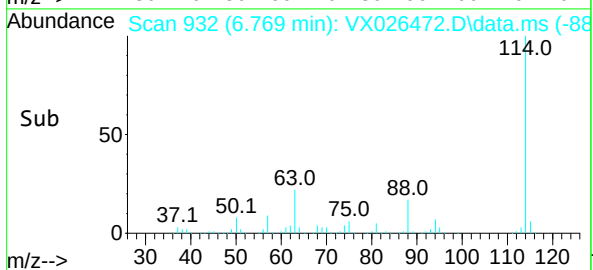
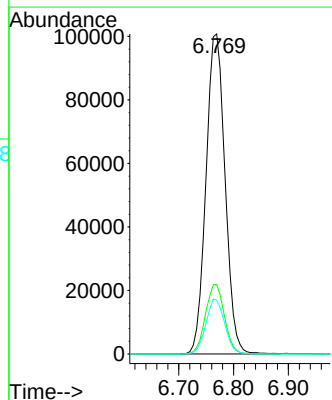
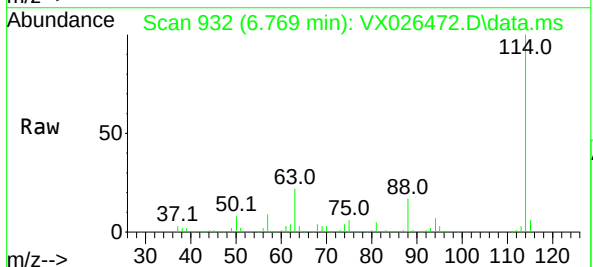
Instrument :
 MSVOA_X
 ClientSampleId :

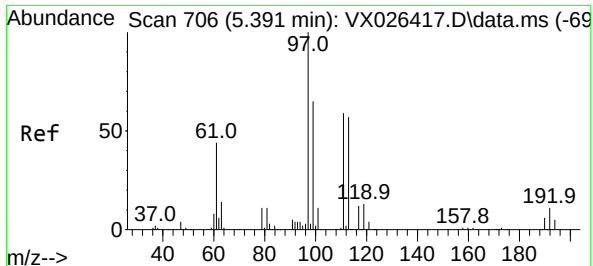
Tgt Ion: 65 Resp: 100086
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX026472.D
 Acq: 14 Jan 2022 22:55

Tgt Ion: 114 Resp: 242953
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.365 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

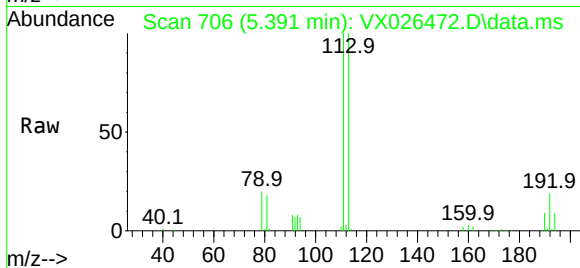
Lab File: VX026472.D

Acq: 14 Jan 2022 22:55

Instrument :

MSVOA_X

ClientSampleId :



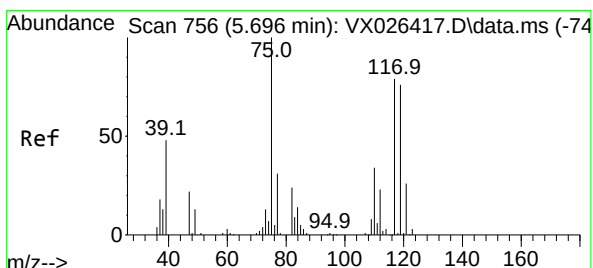
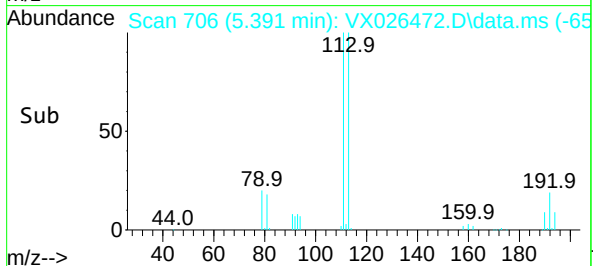
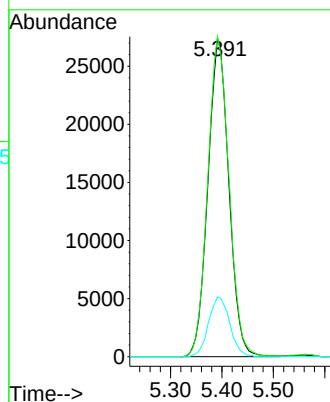
Tgt Ion:113 Resp: 77450

Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

192 19.0 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.877 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX026472.D

Acq: 14 Jan 2022 22:55

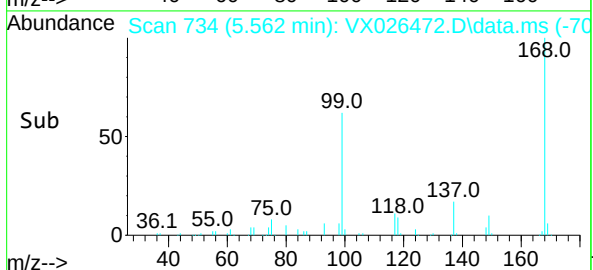
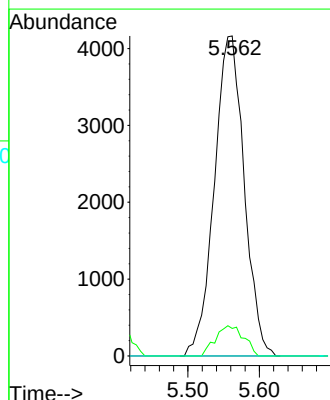
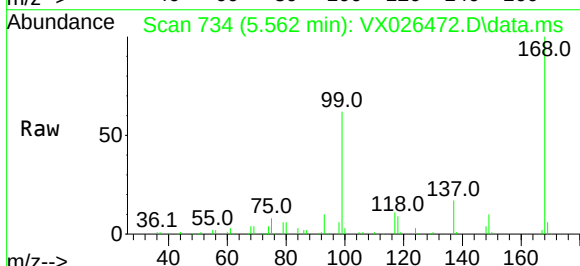
Tgt Ion: 75 Resp: 12079

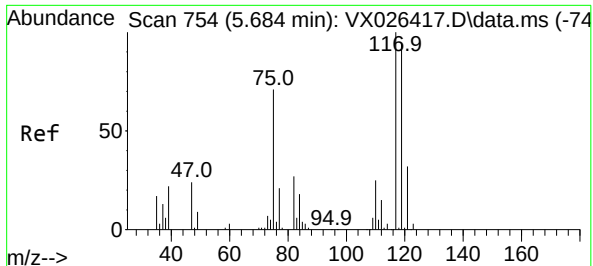
Ion Ratio Lower Upper

75 100

110 8.9 17.2 51.6#

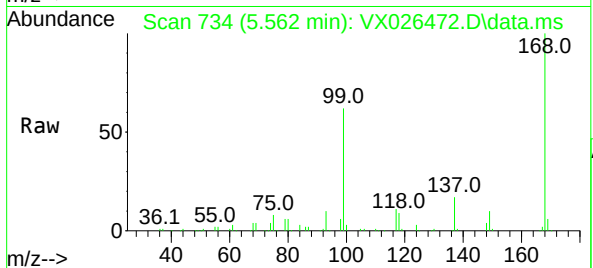
77 0.0 24.6 36.8#



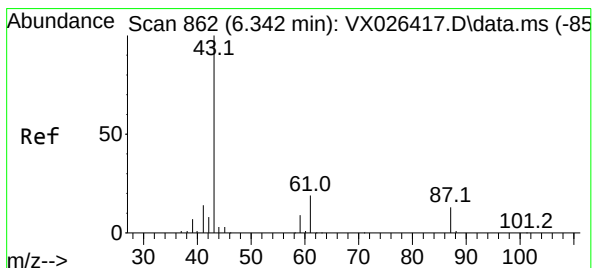
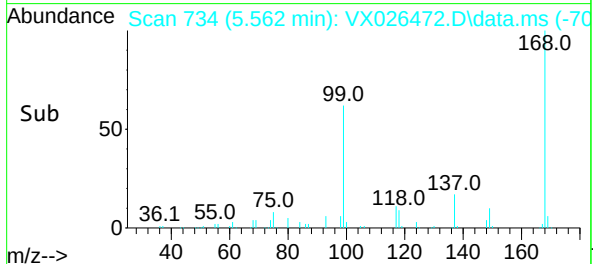
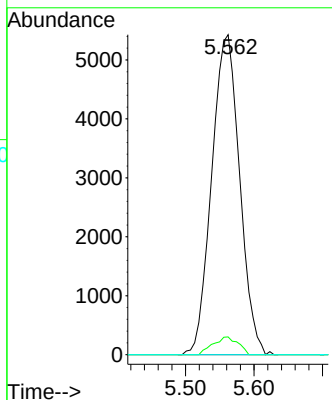


#38
Carbon Tetrachloride
Concen: 6.037 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

Instrument :
MSVOA_X
ClientSampleId :

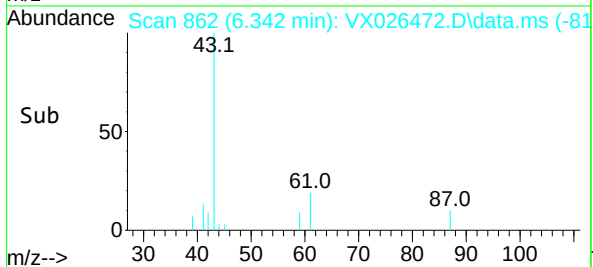
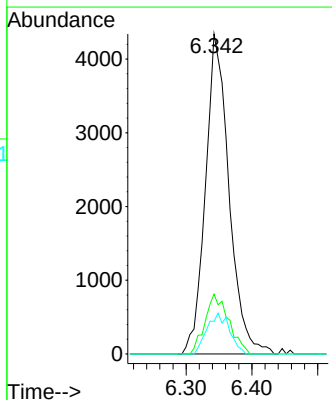
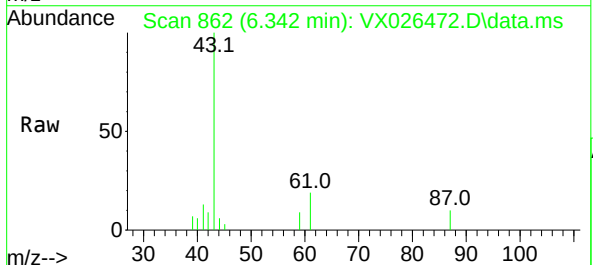


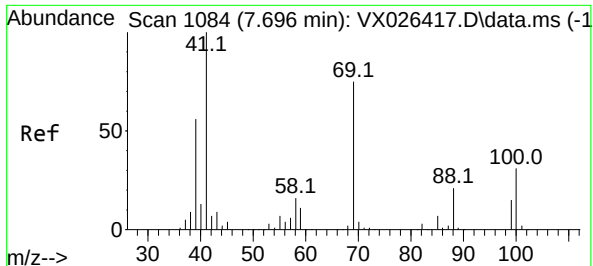
Tgt Ion:117 Resp: 15379
Ion Ratio Lower Upper
117 100
119 5.5 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 2.677 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

Tgt Ion: 43 Resp: 10835
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 12.2 10.2 15.2





#48

Methyl methacrylate

Concen: 23.721 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026472.D

Acq: 14 Jan 2022 22:55

Instrument :

MSVOA_X

ClientSampleId :

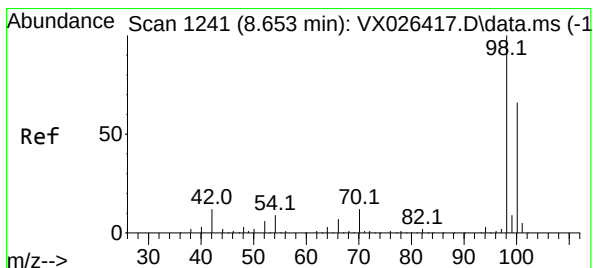
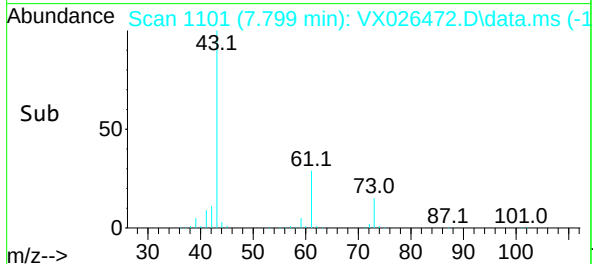
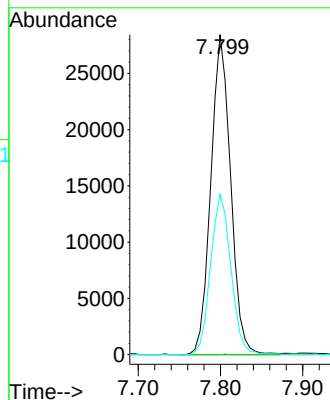
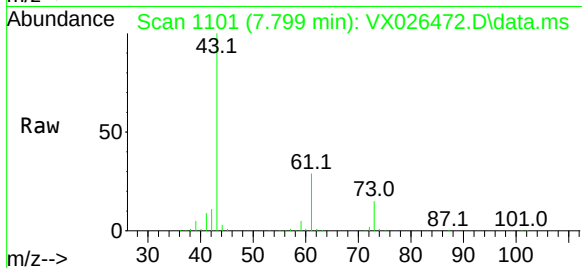
Tgt Ion: 41 Resp: 47577

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 51.5 45.4 68.0



#50

Toluene-d8

Concen: 50.070 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026472.D

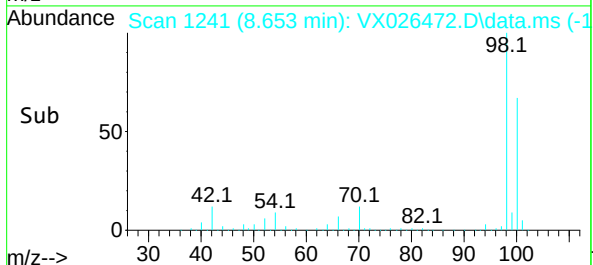
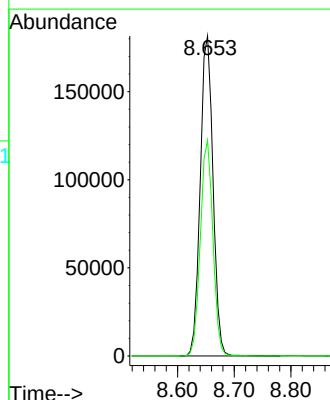
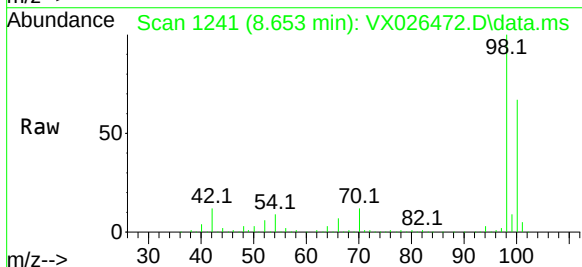
Acq: 14 Jan 2022 22:55

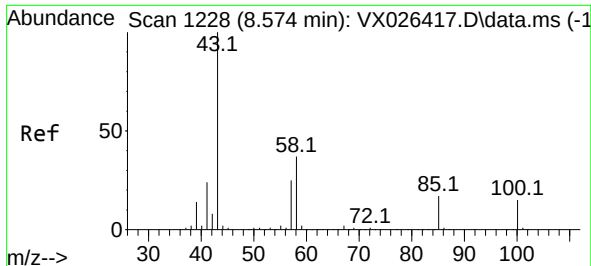
Tgt Ion: 98 Resp: 283082

Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8

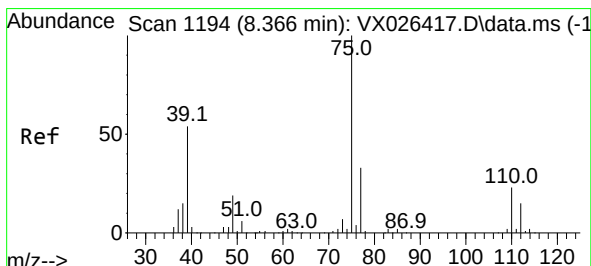
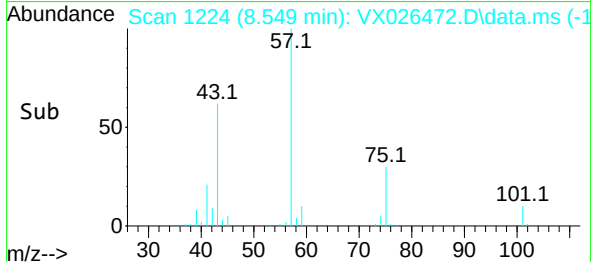
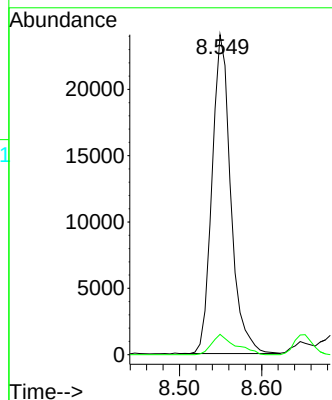
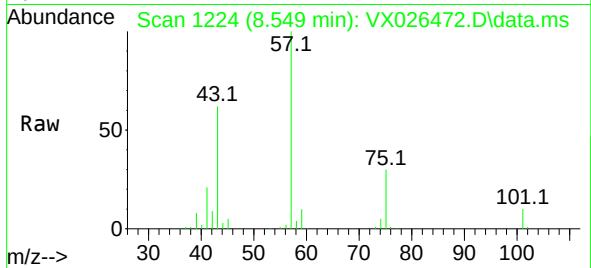




#51
4-Methyl-2-Pentanone
Concen: 15.889 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

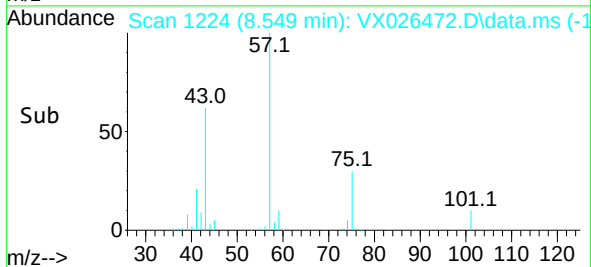
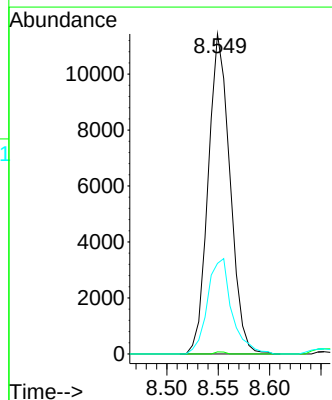
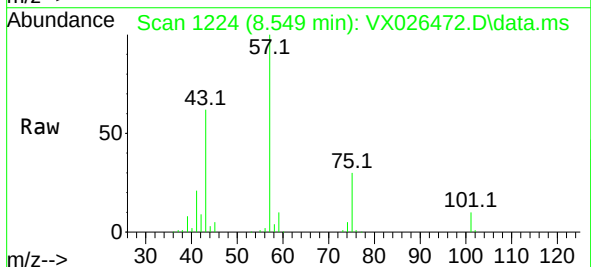
Instrument :
MSVOA_X
ClientSampleId :

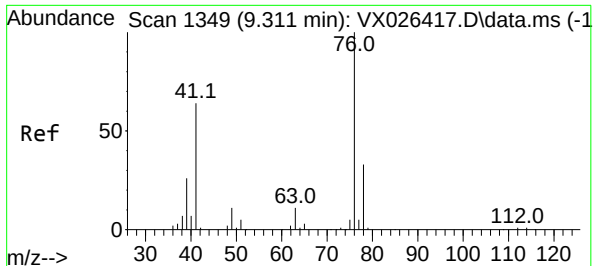
Tgt Ion: 43 Resp: 38142
Ion Ratio Lower Upper
43 100
58 7.9 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 6.456 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

Tgt Ion: 75 Resp: 16876
Ion Ratio Lower Upper
75 100
77 0.7 26.2 39.2#
39 28.3 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 2.827 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026472.D

Acq: 14 Jan 2022 22:55

Instrument :

MSVOA_X

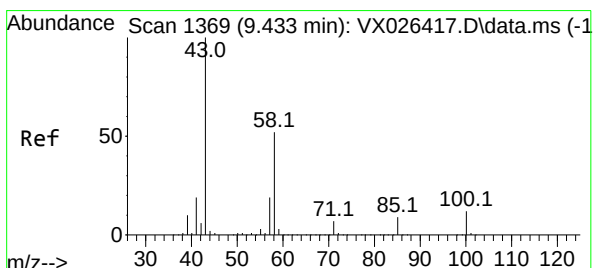
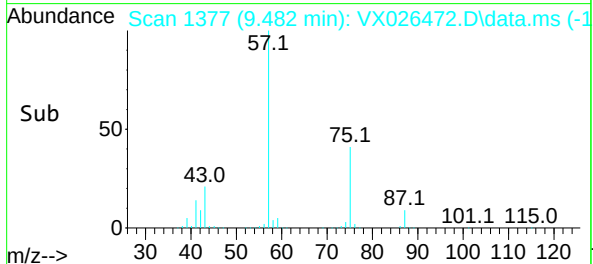
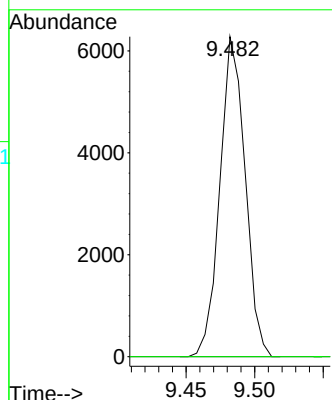
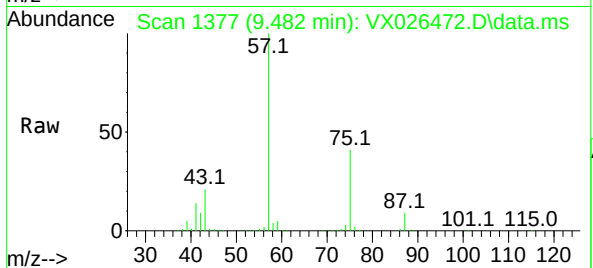
ClientSampleId :

Tgt Ion: 76 Resp: 8029

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 62.016 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026472.D

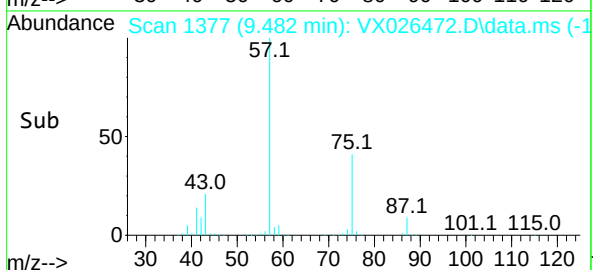
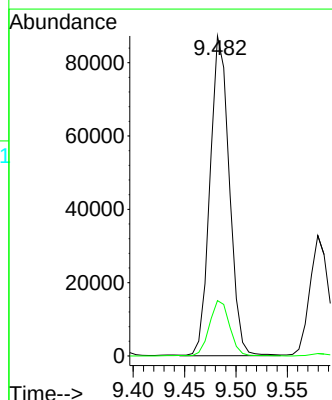
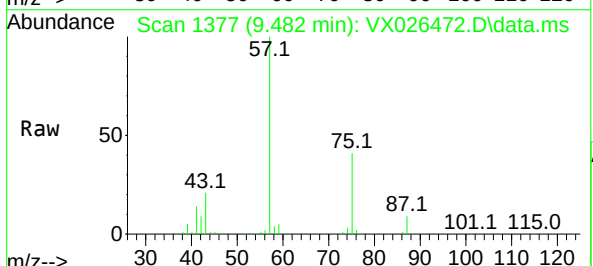
Acq: 14 Jan 2022 22:55

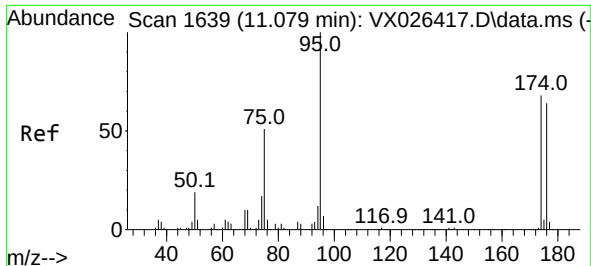
Tgt Ion: 43 Resp: 113941

Ion Ratio Lower Upper

43 100

58 18.2 26.4 79.2#

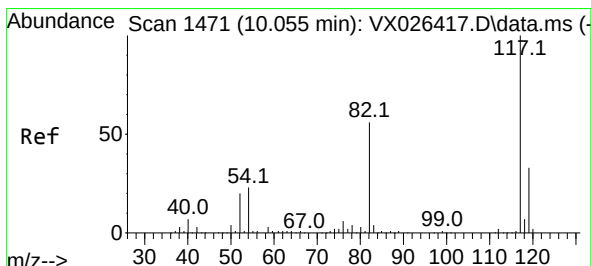
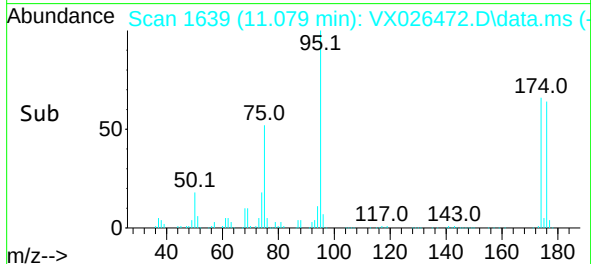
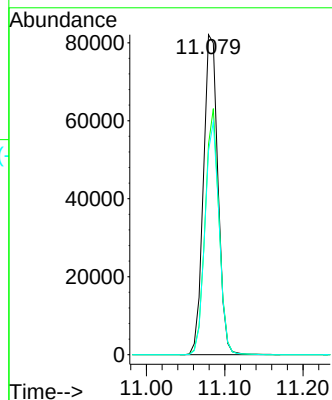
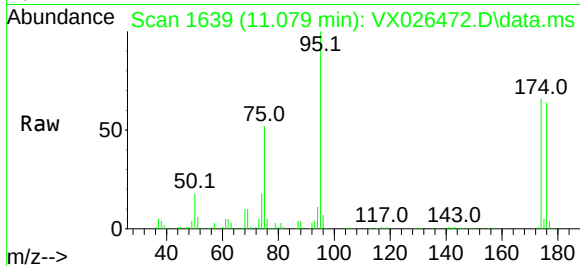




#62
4-Bromofluorobenzene
Concen: 52.684 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

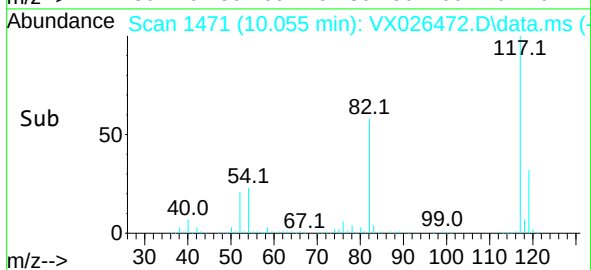
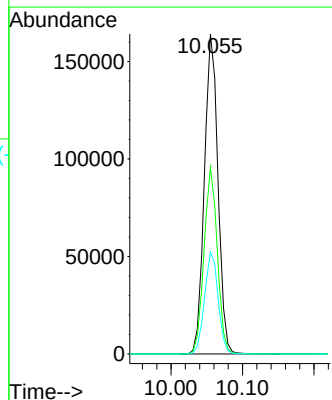
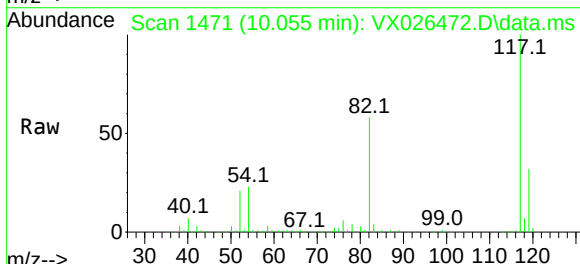
Instrument :
MSVOA_X
ClientSampleId :

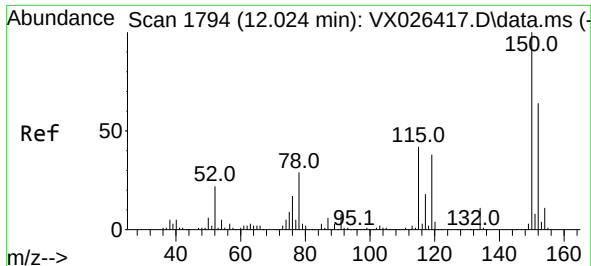
Tgt Ion: 95 Resp: 105810
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.6
176 70.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

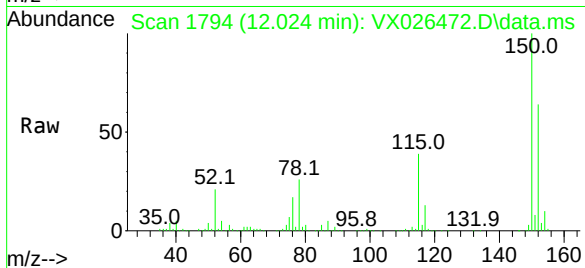
Tgt Ion: 117 Resp: 216568
Ion Ratio Lower Upper
117 100
82 58.2 45.2 67.8
119 31.8 26.2 39.2



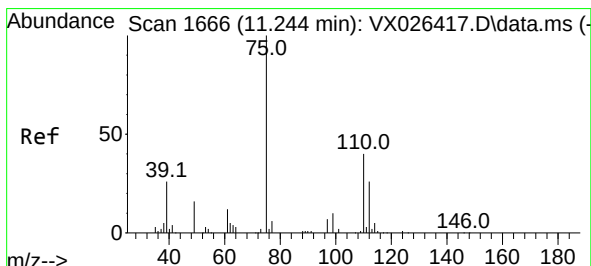
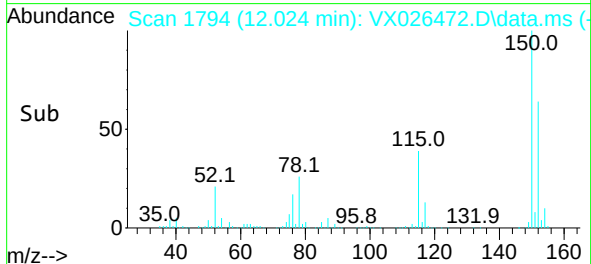
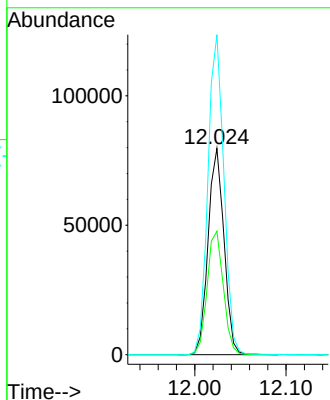


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX026472.D
 Acq: 14 Jan 2022 22:55

Instrument :
 MSVOA_X
 ClientSampleId :

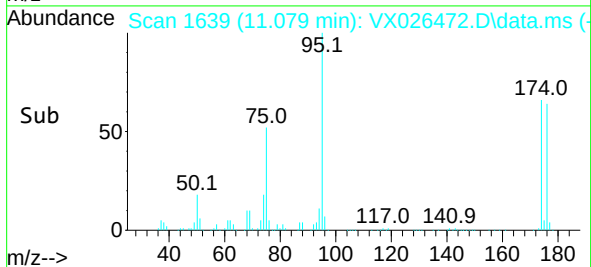
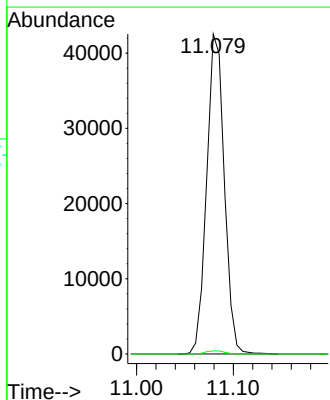
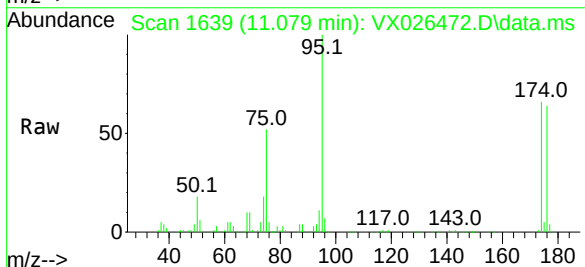


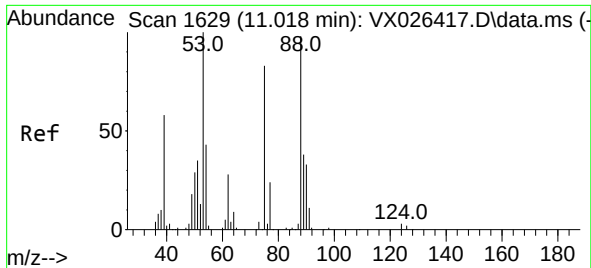
Tgt Ion:152 Resp: 96280
 Ion Ratio Lower Upper
 152 100
 115 61.0 44.2 132.6
 150 155.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.437 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026472.D
 Acq: 14 Jan 2022 22:55

Tgt Ion: 75 Resp: 53923
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#

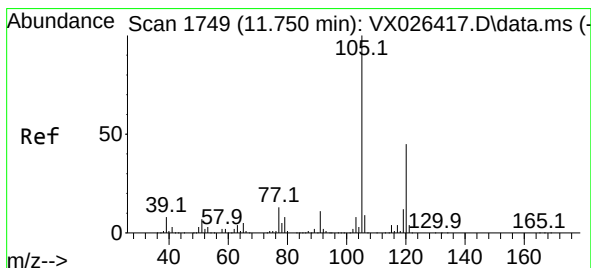
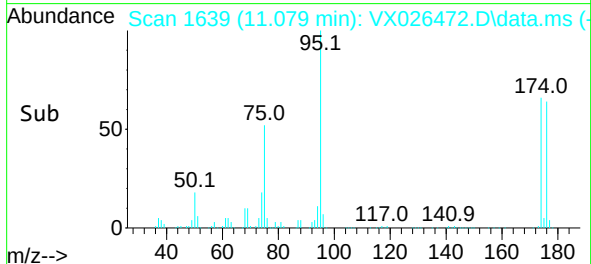
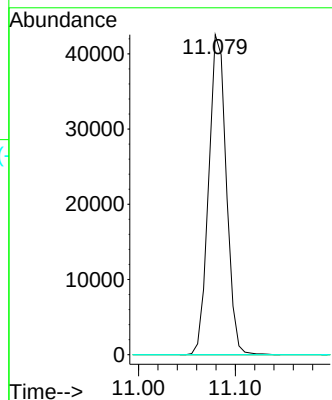
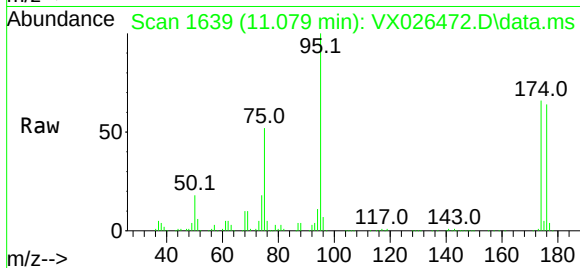




#81
trans-1,4-Dichloro-2-butene
Concen: 77.231 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

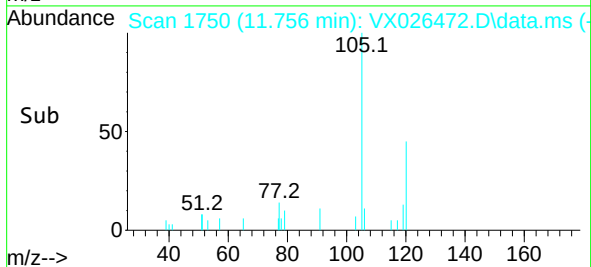
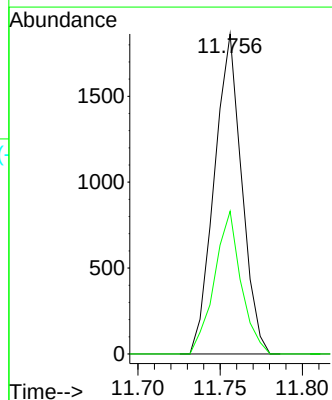
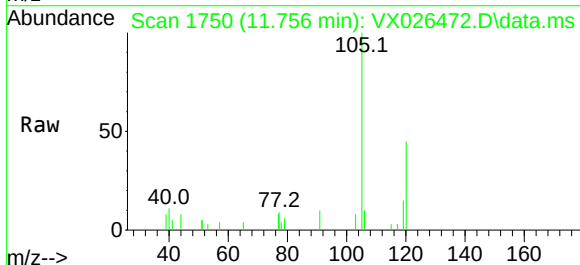
Instrument :
MSVOA_X
ClientSampleId :

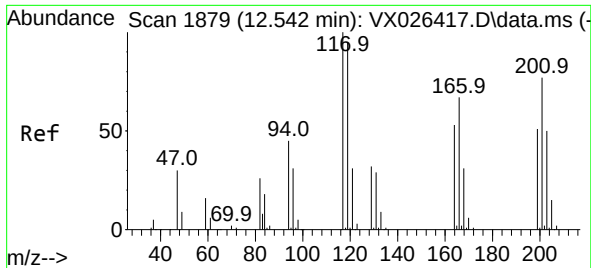
Tgt Ion: 75 Resp: 53923
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.332 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026472.D
Acq: 14 Jan 2022 22:55

Tgt Ion: 105 Resp: 2159
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.5





#90

Hexachloroethane

Concen: 2.323 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.159 min

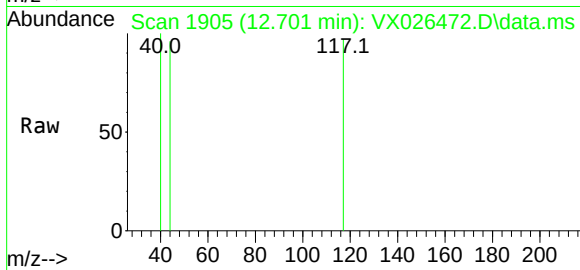
Lab File: VX026472.D

Acq: 14 Jan 2022 22:55

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:117 Resp: 168

Ion Ratio Lower Upper

117 100

201 0.0 35.6 106.8#

