

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026200.D
 Acq On : 31 Dec 2021 04:25
 Operator : JC/MD
 Sample : PB141758ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 21:35:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

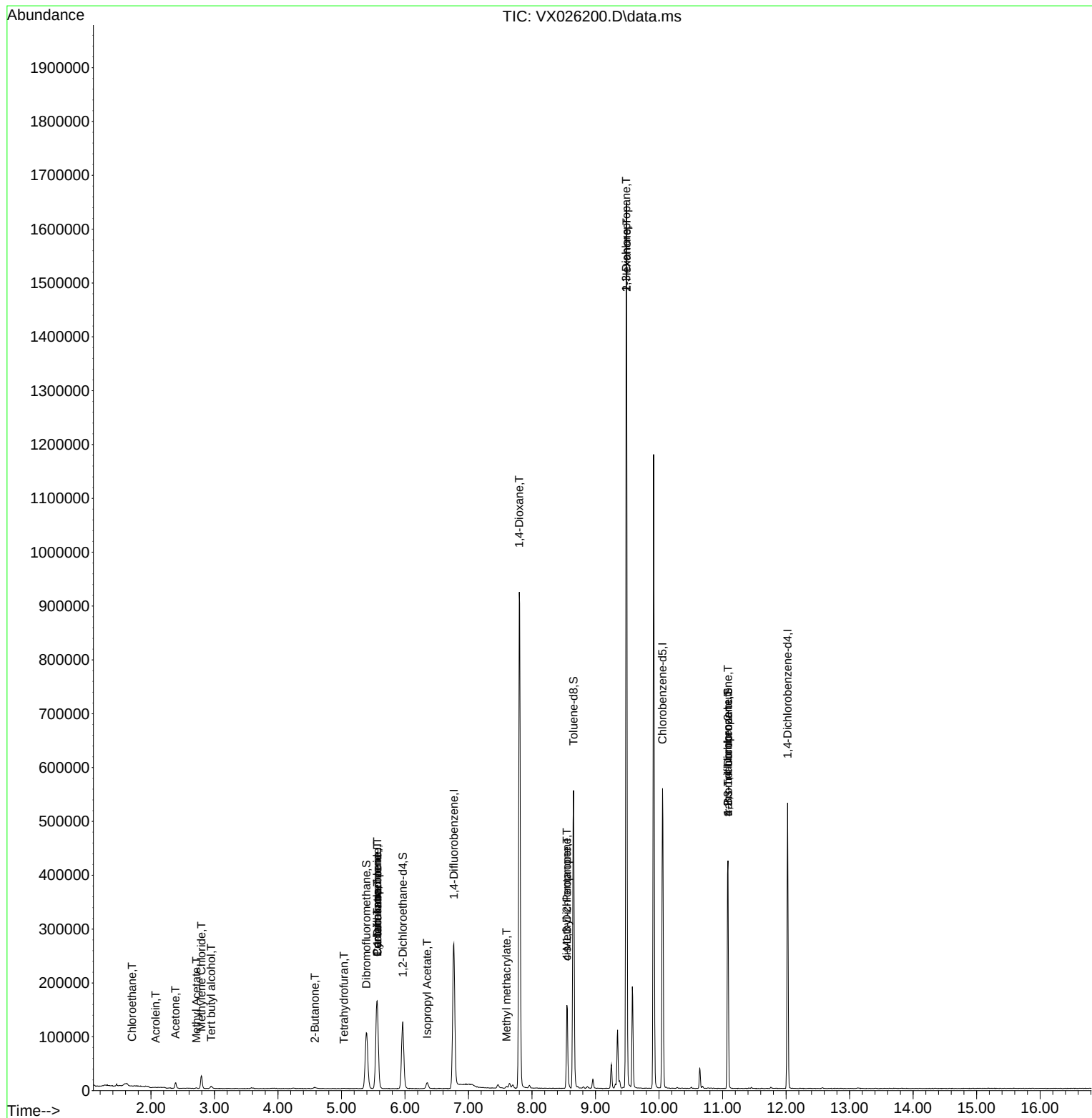
Internal Standards						
1) Pentafluorobenzene	5.562	168	147134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113905	53.512	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.020%	
35) Dibromofluoromethane	5.391	113	88437	53.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.080%	
50) Toluene-d8	8.653	98	312277	50.826	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	11.085	95	106325	48.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.220%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	336	0.252	ug/l #	42
11) Tert butyl alcohol	2.947	59	3018	7.099	ug/l #	73
13) Acrolein	2.075	56	44	0.289	ug/l #	14
16) Acetone	2.386	43	11872	10.294	ug/l	93
18) Methyl Acetate	2.715	43	2009	0.537	ug/l #	72
20) Methylene Chloride	2.794	84	9638	4.364	ug/l #	86
25) 2-Butanone	4.580	43	3404	2.119	ug/l #	88
29) Tetrahydrofuran	5.038	42	552	0.545	ug/l #	46
31) Cyclohexane	5.562	56	4072	1.343	ug/l #	50
36) 1,1-Dichloropropene	5.562	75	13128	4.928	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16267	5.489	ug/l #	16
43) Isopropyl Acetate	6.348	43	15372	3.053	ug/l	96
48) Methyl methacrylate	7.598	41	5035	2.085	ug/l #	12
49) 1,4-Dioxane	7.799	88	155	3.483	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	55493	17.712	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	22611	7.289	ug/l #	73
57) 1,3-Dichloropropane	9.482	76	13958	4.236	ug/l #	42
59) 2-Hexanone	9.488	43	209701	88.362	ug/l #	49
76) 1,2,3-Trichloropropane	11.085	75	59897	25.708	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59897	74.373	ug/l #	10

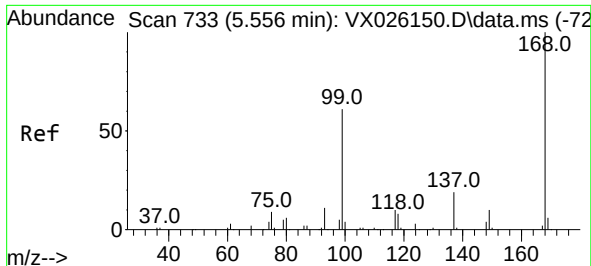
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
Data File : VX026200.D
Acq On : 31 Dec 2021 04:25
Operator : JC/MD
Sample : PB141758ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

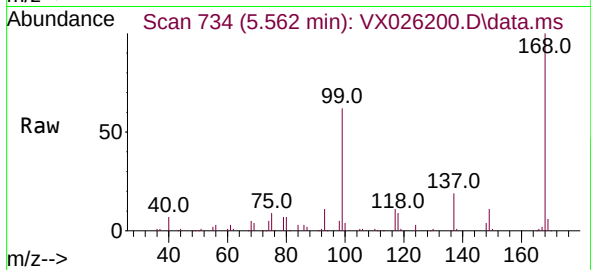
Quant Time: Dec 31 21:35:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



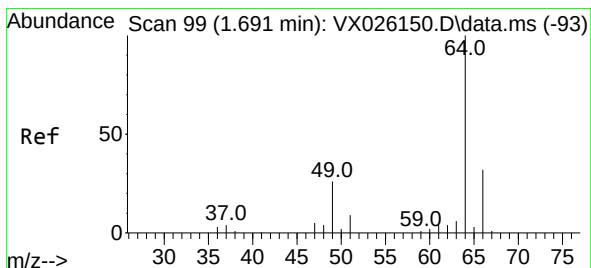
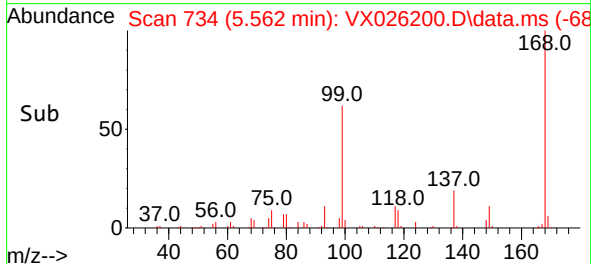
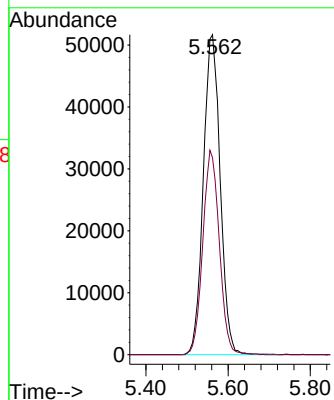


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

Instrument :
MSVOA_X
ClientSampleId :

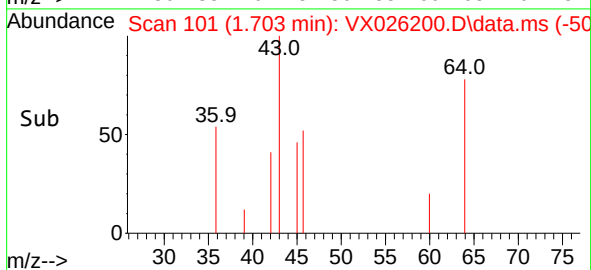
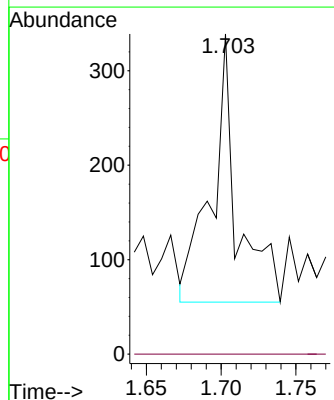
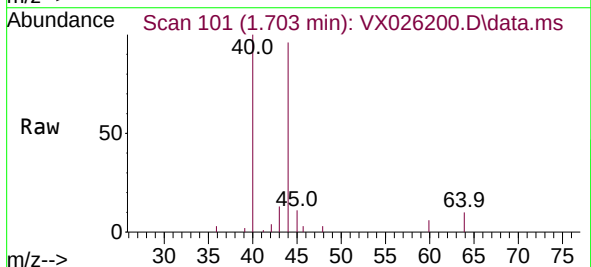


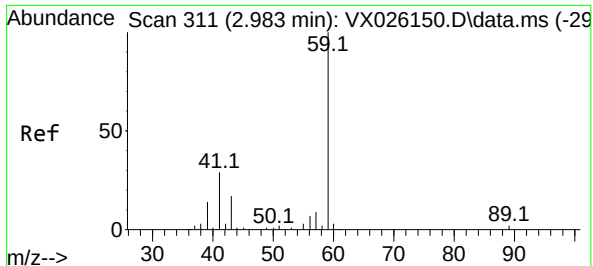
Tgt Ion:168 Resp: 147134
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.8



#6
Chloroethane
Concen: 0.252 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.012 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

Tgt Ion: 64 Resp: 336
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 7.099 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.036 min

Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

Instrument :

MSVOA_X

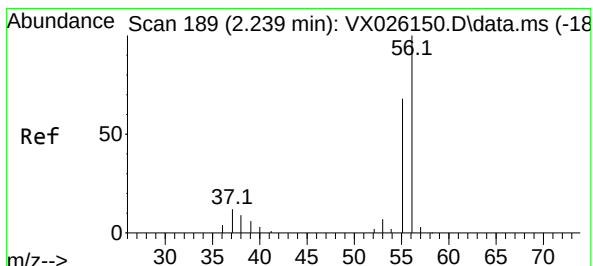
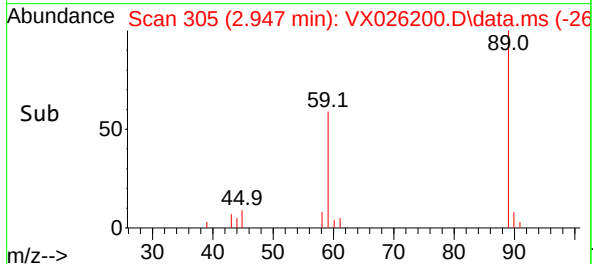
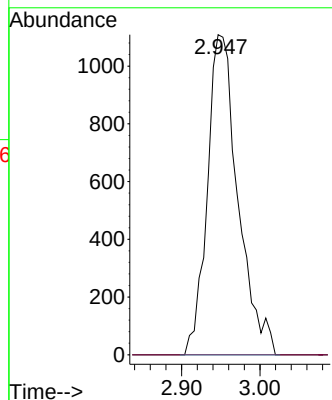
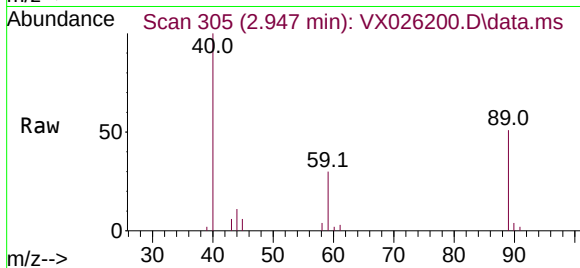
ClientSampleId :

Tgt Ion: 59 Resp: 3018

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 0.289 ug/l

RT: 2.075 min Scan# 162

Delta R.T. -0.164 min

Lab File: VX026200.D

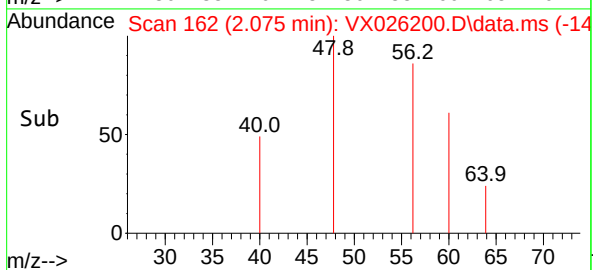
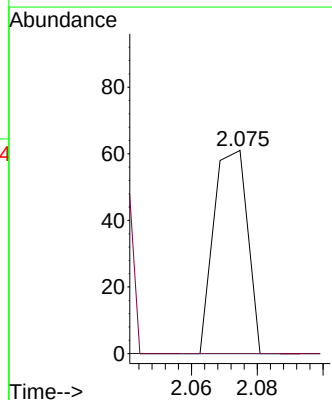
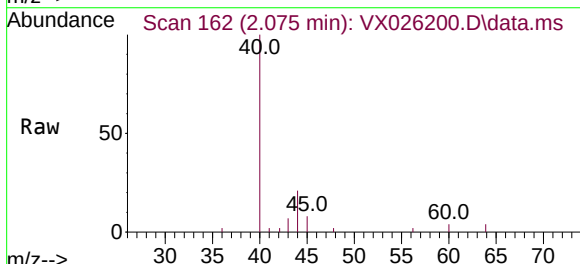
Acq: 31 Dec 2021 04:25

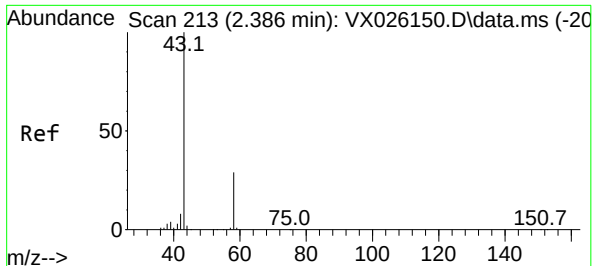
Tgt Ion: 56 Resp: 44

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#

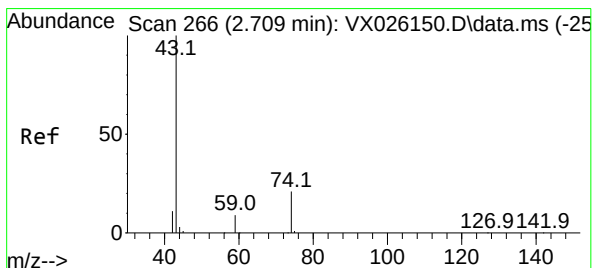
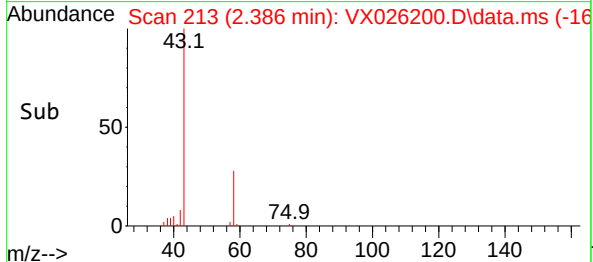
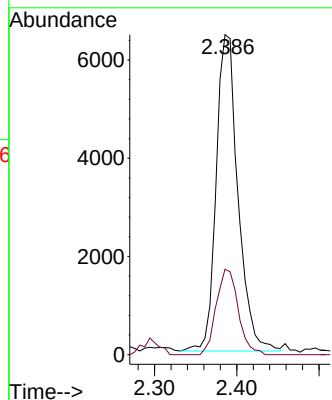
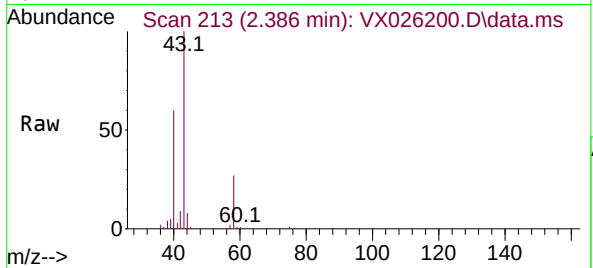




#16
Acetone
Concen: 10.294 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

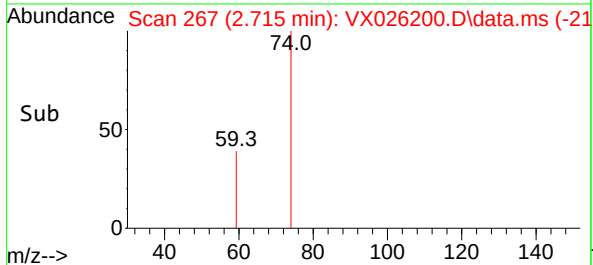
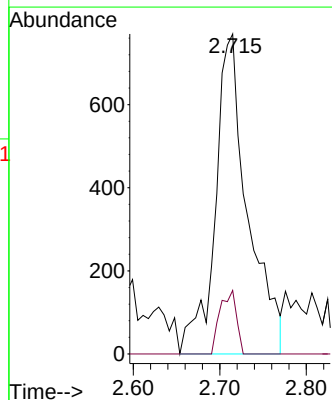
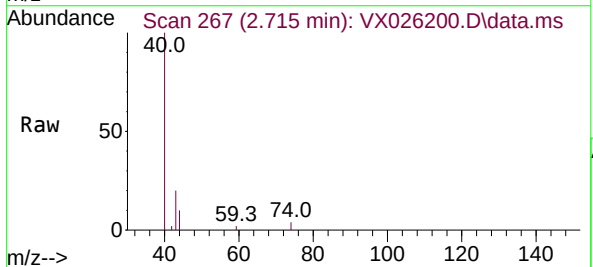
Instrument :
MSVOA_X
ClientSampleId :

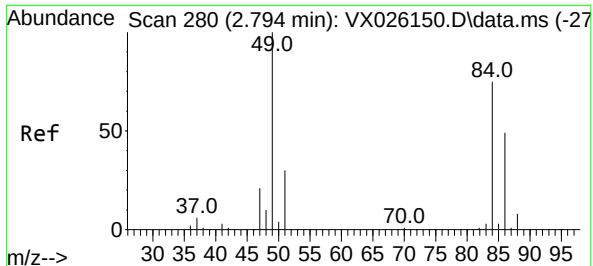
Tgt Ion: 43 Resp: 11872
Ion Ratio Lower Upper
43 100
58 27.0 24.8 37.2



#18
Methyl Acetate
Concen: 0.537 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

Tgt Ion: 43 Resp: 2009
Ion Ratio Lower Upper
43 100
74 10.1 19.1 28.7#





#20

Methylene Chloride

Concen: 4.364 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

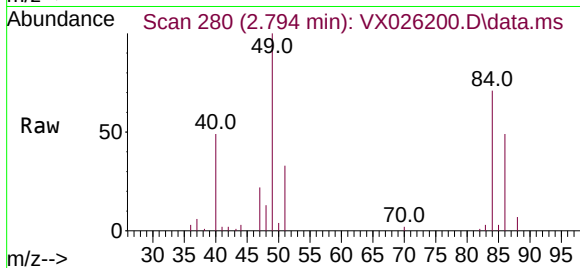
Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 9638

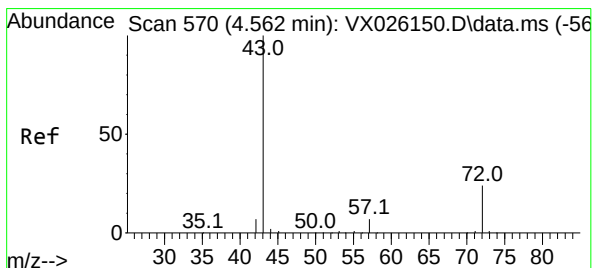
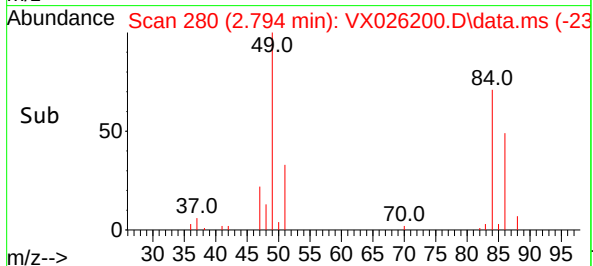
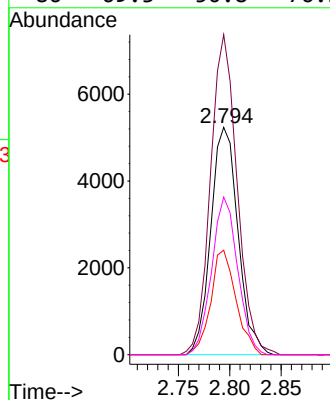
Ion Ratio Lower Upper

84 100

49 140.8 97.1 145.7

51 45.9 29.3 43.9#

86 69.3 50.8 76.2



#25

2-Butanone

Concen: 2.119 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX026200.D

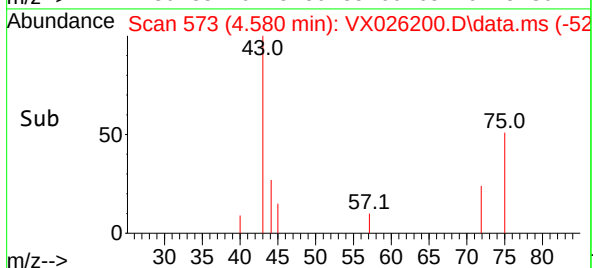
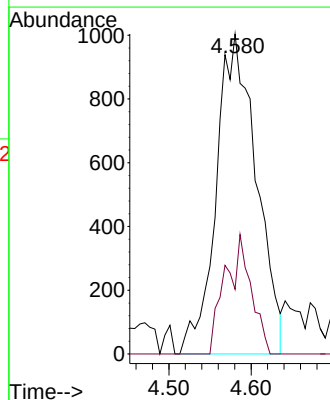
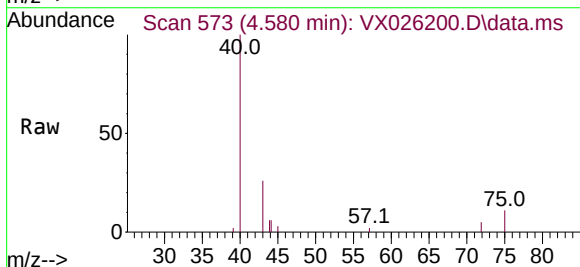
Acq: 31 Dec 2021 04:25

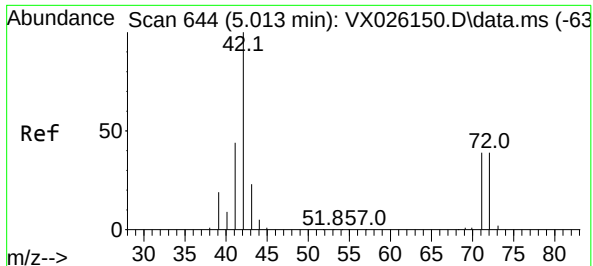
Tgt Ion: 43 Resp: 3404

Ion Ratio Lower Upper

43 100

72 20.2 21.0 31.4#





#29

Tetrahydrofuran

Concen: 0.545 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.025 min

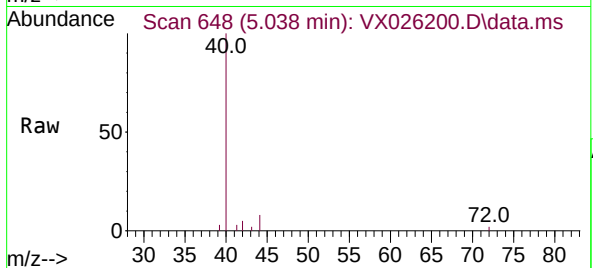
Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

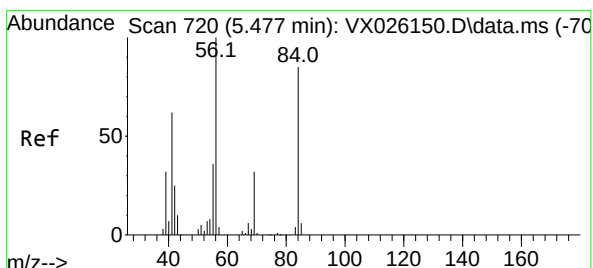
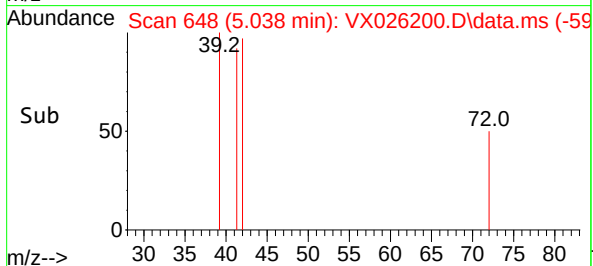
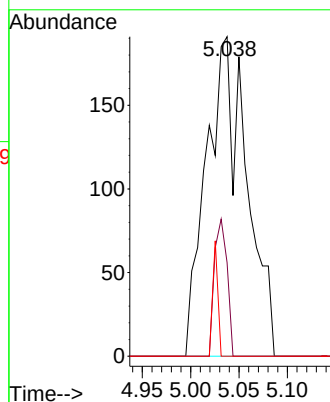
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	552
Ion	Ratio	Lower	Upper
42	100		
72	13.4	37.0	55.6#
71	4.5	34.1	51.1#



#31

Cyclohexane

Concen: 1.343 ug/l

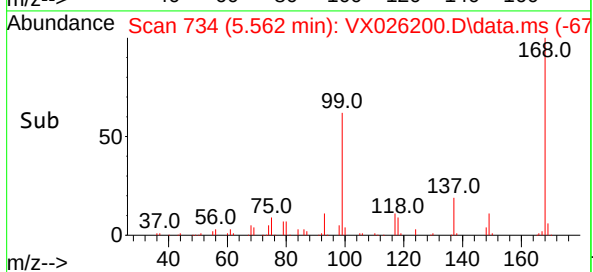
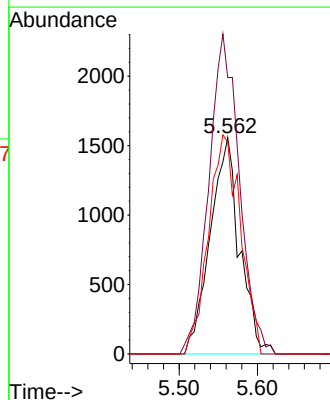
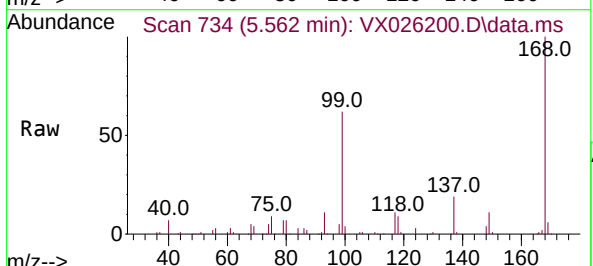
RT: 5.562 min Scan# 734

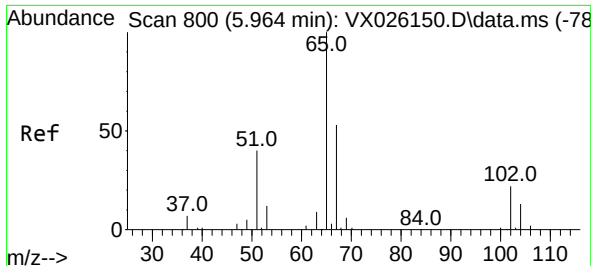
Delta R.T. 0.085 min

Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

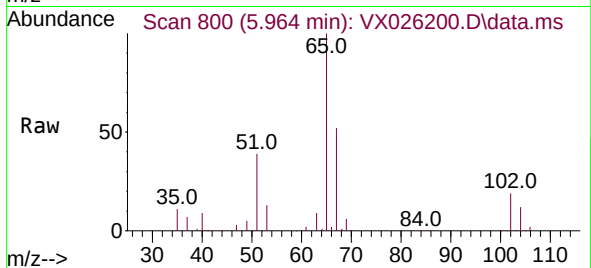
Tgt Ion:	56	Resp:	4072
Ion	Ratio	Lower	Upper
56	100		
69	127.7	23.9	35.9#
84	97.9	73.2	109.8



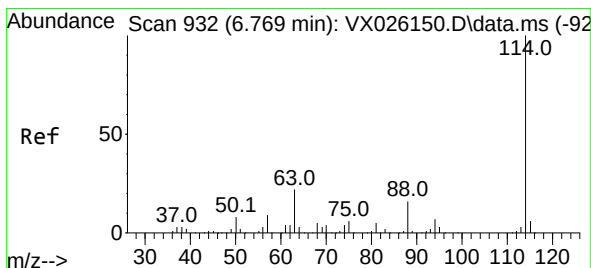
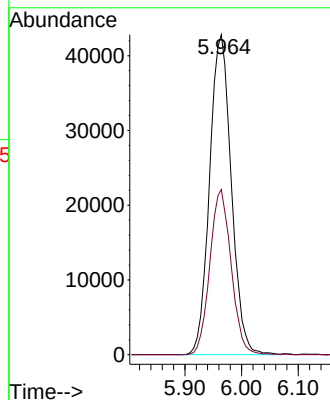
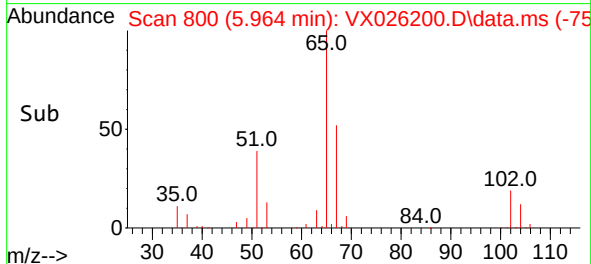


#33
 1,2-Dichloroethane-d4
 Concen: 53.512 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX026200.D
 Acq: 31 Dec 2021 04:25

Instrument :
 MSVOA_X
 ClientSampleId :

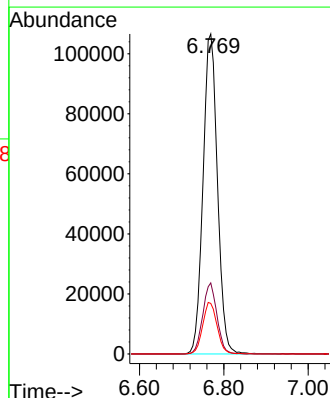
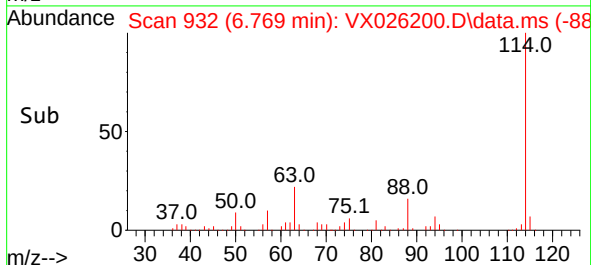
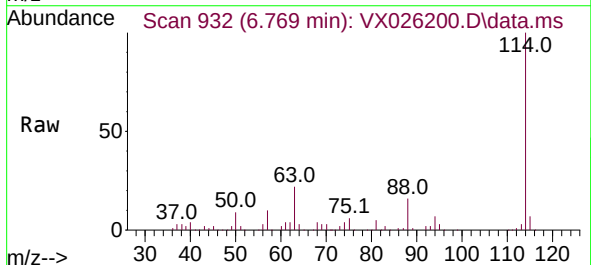


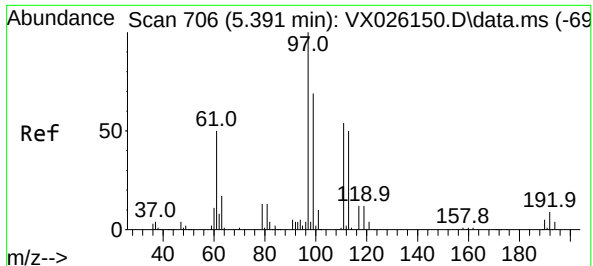
Tgt Ion: 65 Resp: 113905
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX026200.D
 Acq: 31 Dec 2021 04:25

Tgt Ion: 114 Resp: 254068
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 40.0
 88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.540 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

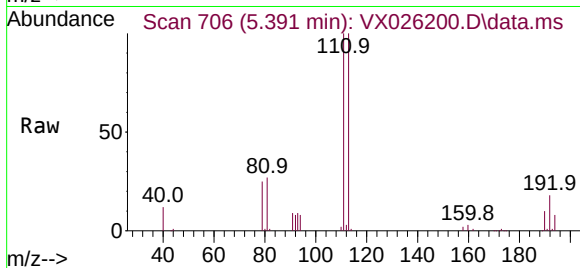
Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

Instrument :

MSVOA_X

ClientSampleId :



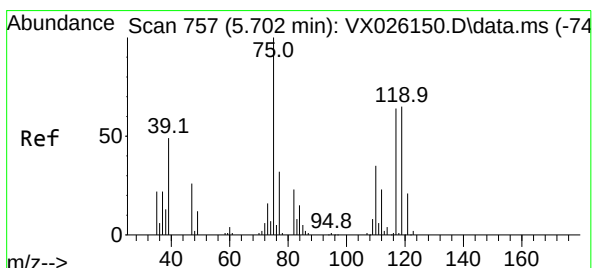
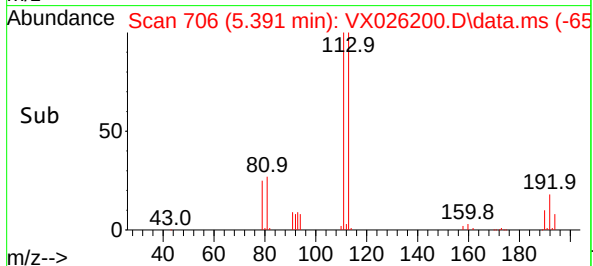
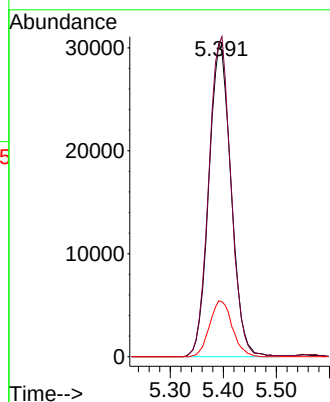
Tgt Ion:113 Resp: 88437

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

192 18.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.928 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

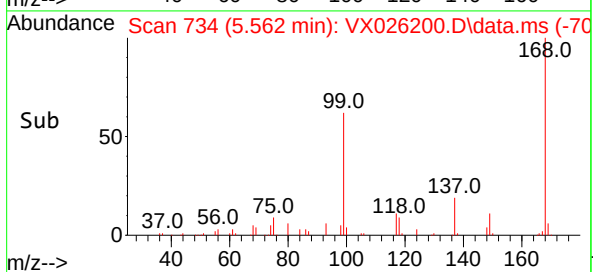
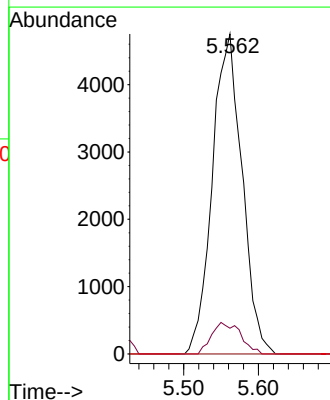
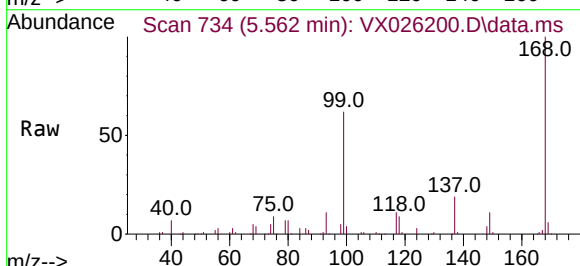
Tgt Ion: 75 Resp: 13128

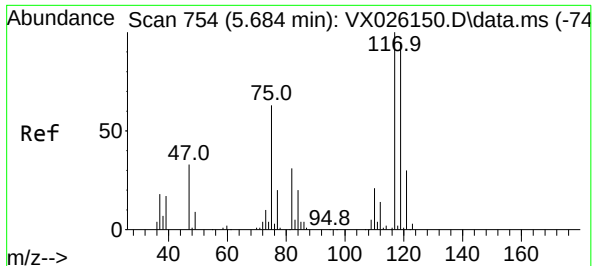
Ion Ratio Lower Upper

75 100

110 9.6 18.2 54.6#

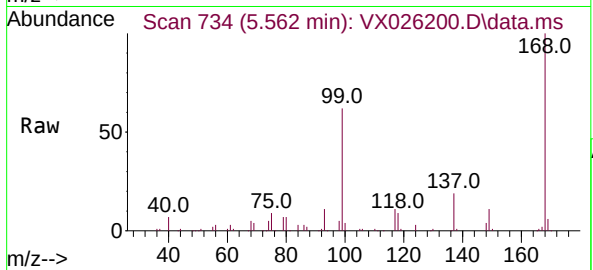
77 0.0 24.7 37.1#



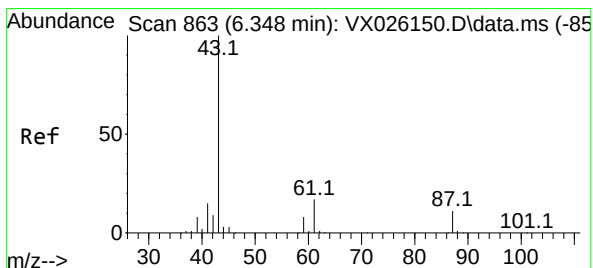
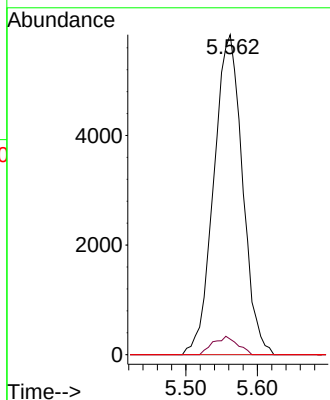
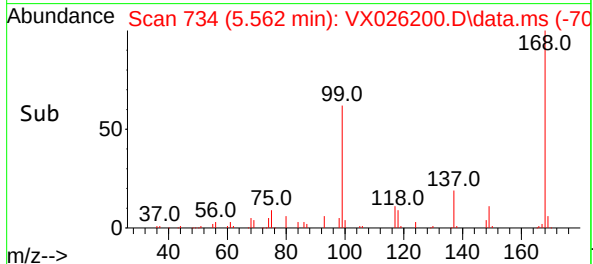


#38
Carbon Tetrachloride
Concen: 5.489 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

Instrument :
MSVOA_X
ClientSampleId :

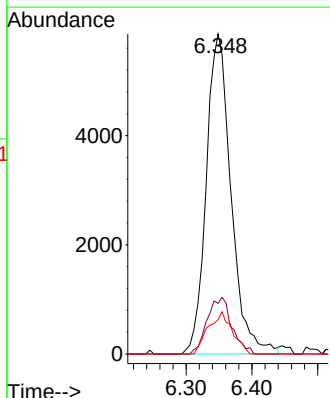
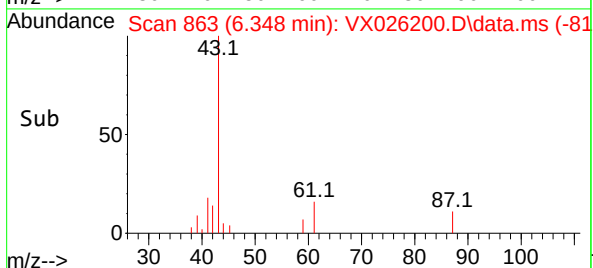
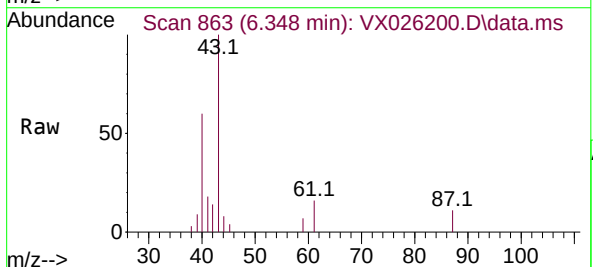


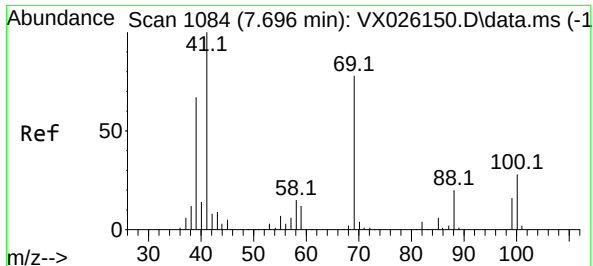
Tgt Ion:117 Resp: 16267
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.053 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

Tgt Ion: 43 Resp: 15372
Ion Ratio Lower Upper
43 100
61 17.5 15.7 23.5
87 12.8 11.2 16.8





#48

Methyl methacrylate

Concen: 2.085 ug/l

RT: 7.598 min Scan# 1101

Delta R.T. -0.098 min

Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

Instrument :

MSVOA_X

ClientSampleId :

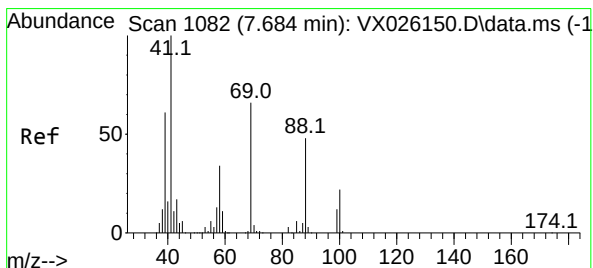
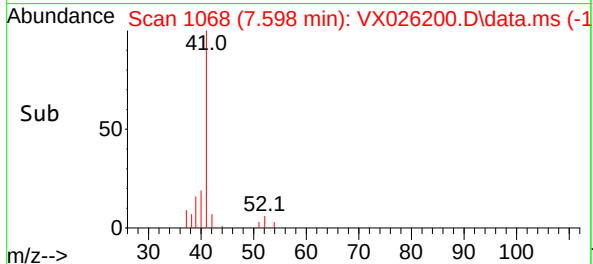
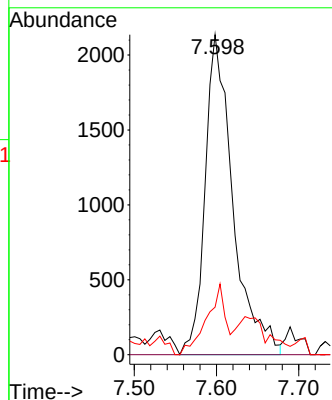
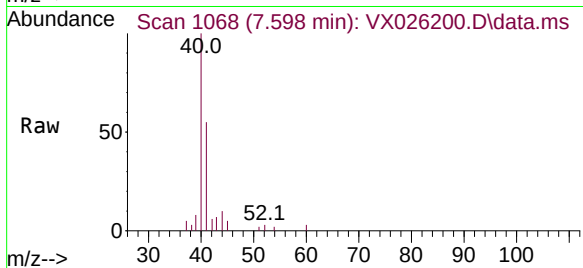
Tgt Ion: 41 Resp: 5035

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

39 0.0 50.2 75.2#



#49

1,4-Dioxane

Concen: 3.483 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.115 min

Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

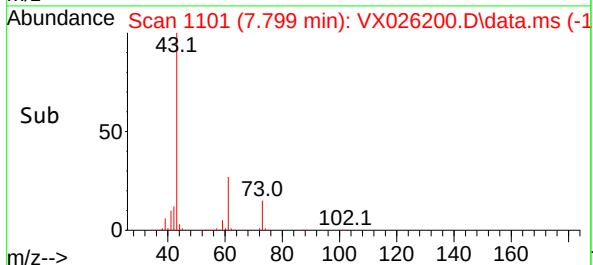
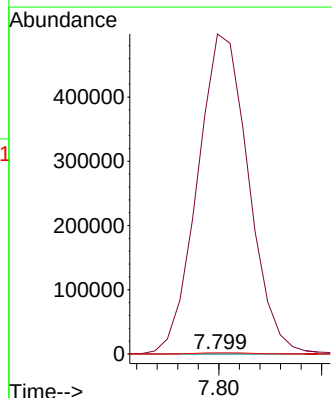
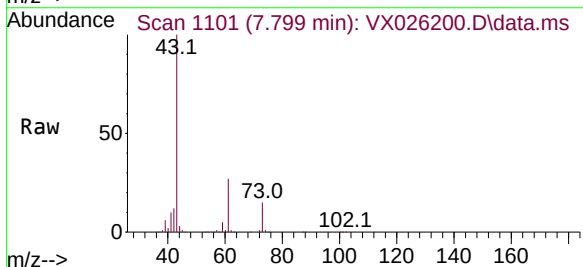
Tgt Ion: 88 Resp: 155

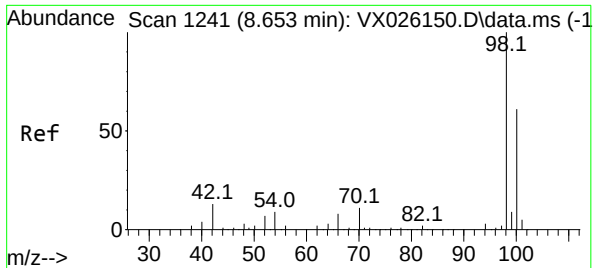
Ion Ratio Lower Upper

88 100

43 557412.3 25.3 37.9#

58 2211.0 51.8 77.6#

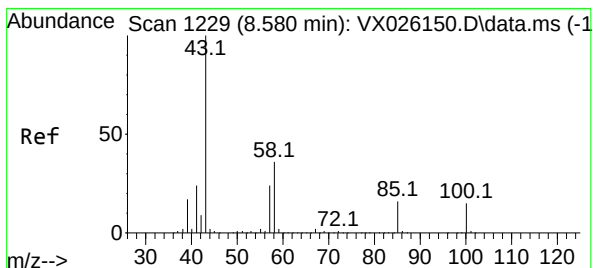
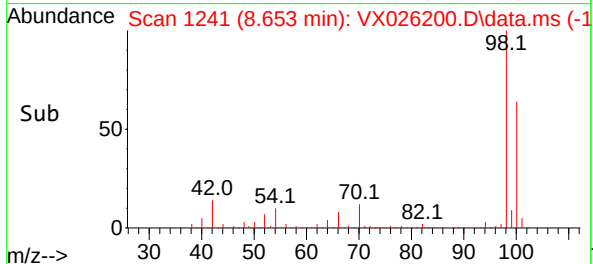
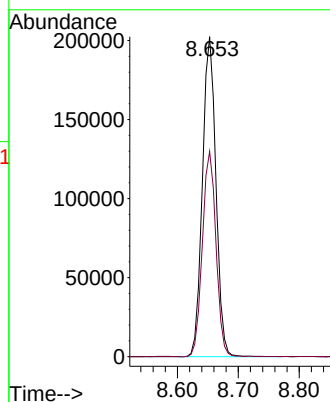
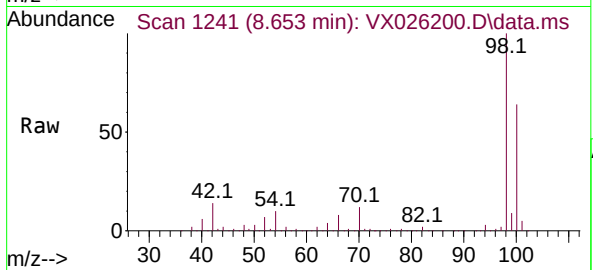




#50
Toluene-d8
Concen: 50.826 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

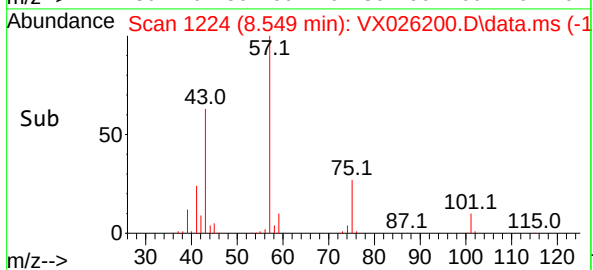
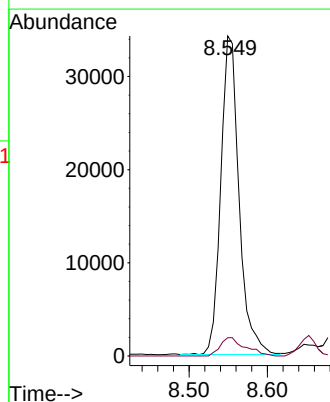
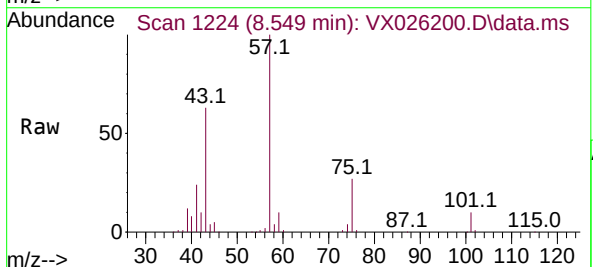
Instrument :
MSVOA_X
ClientSampleId :

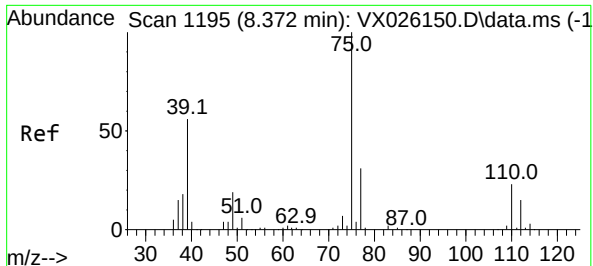
Tgt Ion: 98 Resp: 312277
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 17.712 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

Tgt Ion: 43 Resp: 55493
Ion Ratio Lower Upper
43 100
58 7.8 30.8 46.2#

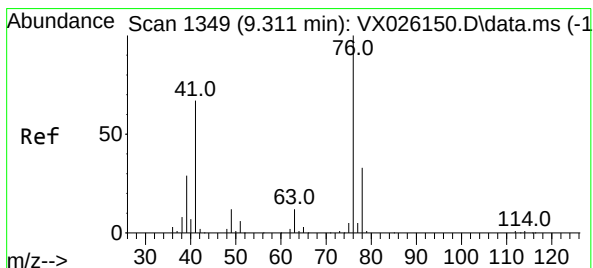
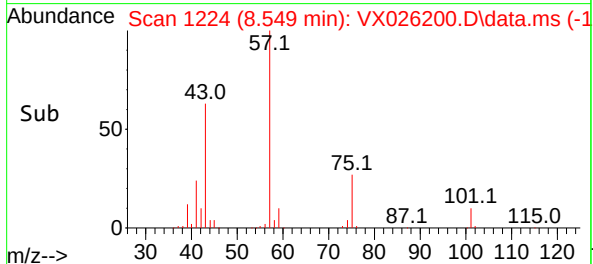
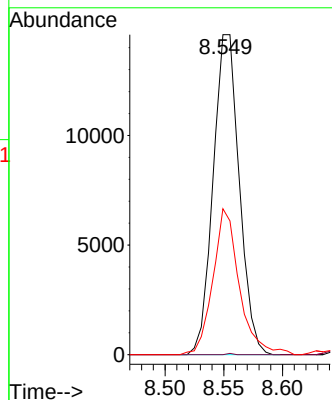
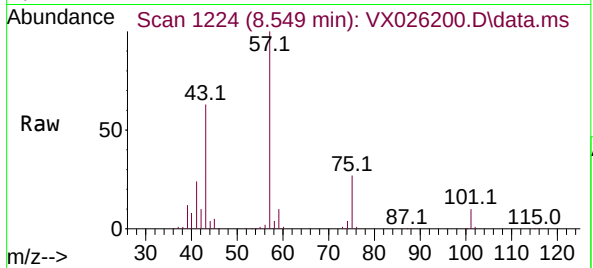




#54
 cis-1,3-Dichloropropene
 Concen: 7.289 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026200.D
 Acq: 31 Dec 2021 04:25

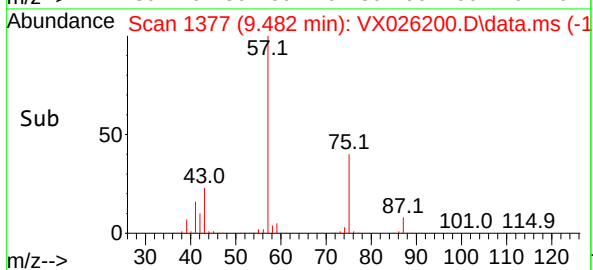
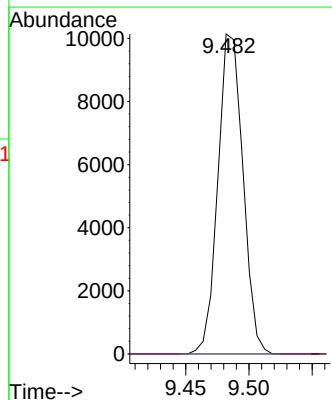
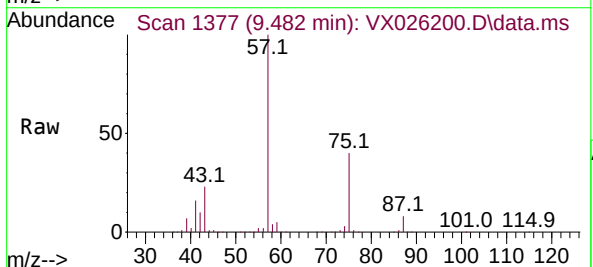
Instrument :
 MSVOA_X
 ClientSampleId :

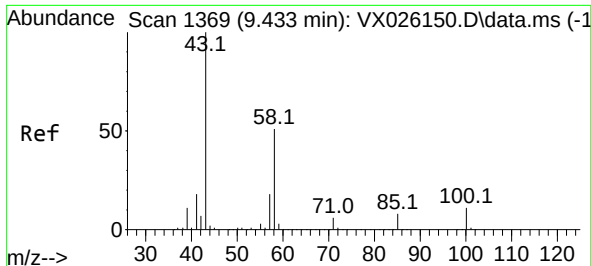
Tgt Ion: 75 Resp: 22611
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 45.6 41.4 62.0



#57
 1,3-Dichloropropane
 Concen: 4.236 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026200.D
 Acq: 31 Dec 2021 04:25

Tgt Ion: 76 Resp: 13958
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 88.362 ug/l

RT: 9.488 min Scan# 1

Delta R.T. 0.055 min

Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

Instrument :

MSVOA_X

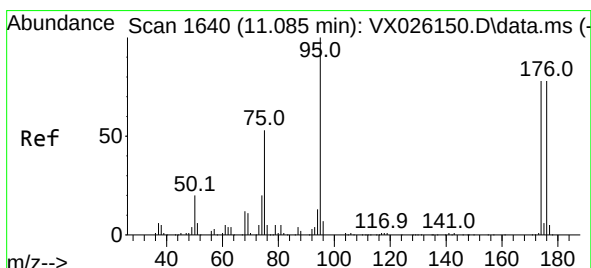
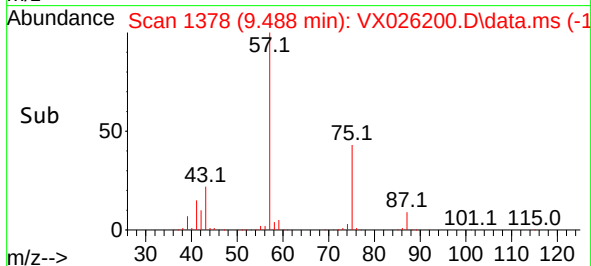
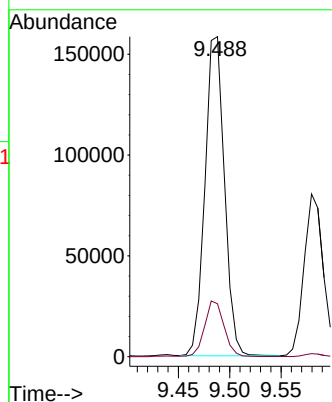
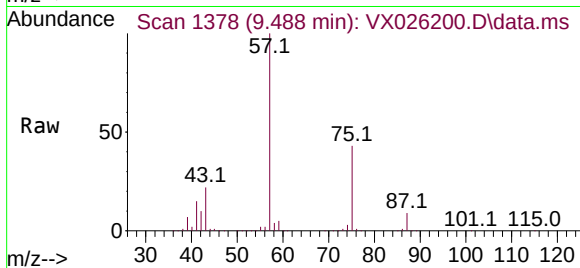
ClientSampleId :

Tgt Ion: 43 Resp: 209701

Ion Ratio Lower Upper

43 100

58 17.3 26.9 80.6#



#62

4-Bromofluorobenzene

Concen: 48.613 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

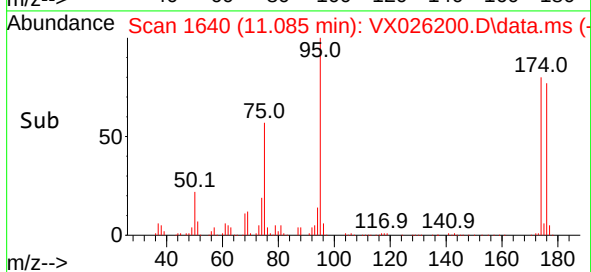
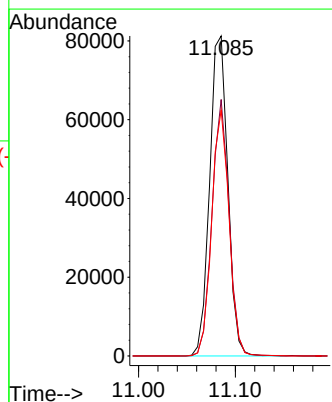
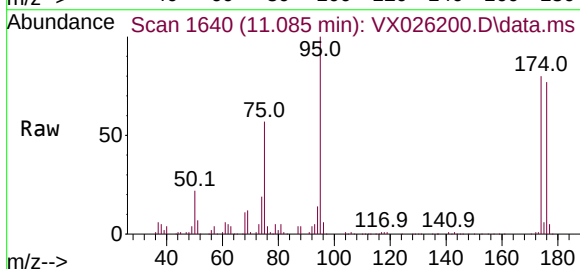
Tgt Ion: 95 Resp: 106325

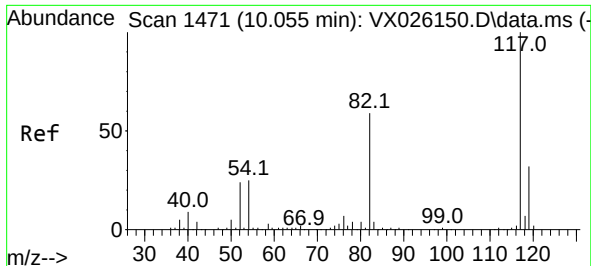
Ion Ratio Lower Upper

95 100

174 75.2 0.0 157.4

176 73.5 0.0 154.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

Instrument :

MSVOA_X

ClientSampleId :

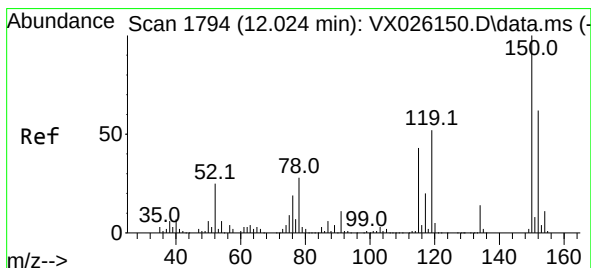
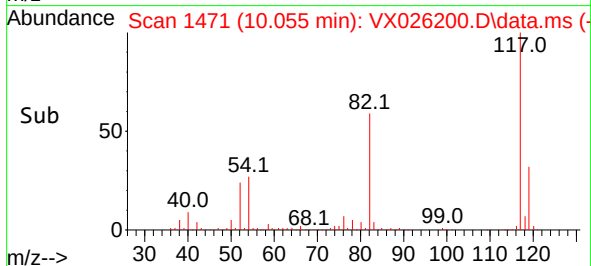
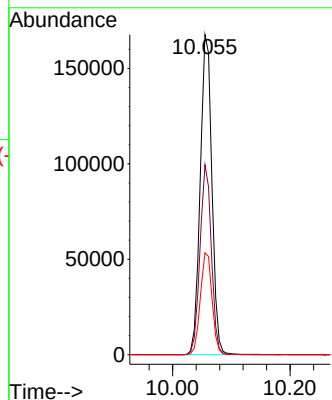
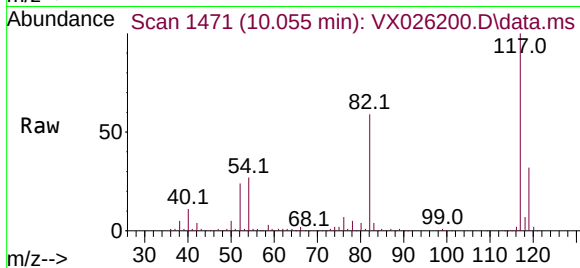
Tgt Ion:117 Resp: 231206

Ion Ratio Lower Upper

117 100

82 59.3 43.8 65.6

119 31.8 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

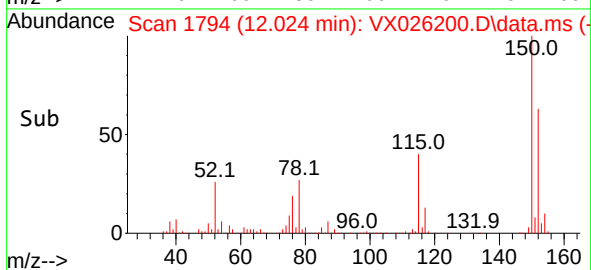
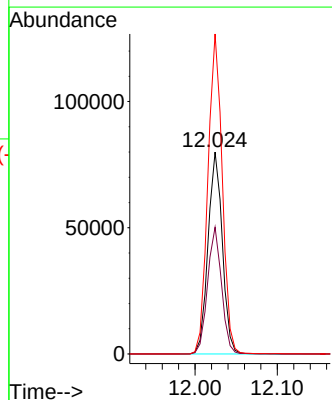
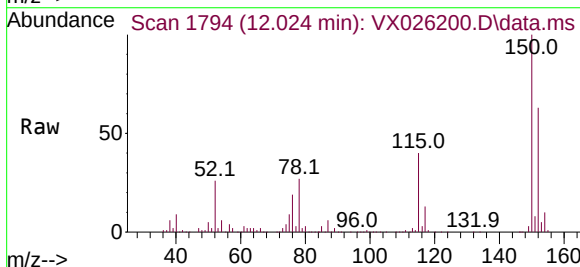
Tgt Ion:152 Resp: 96527

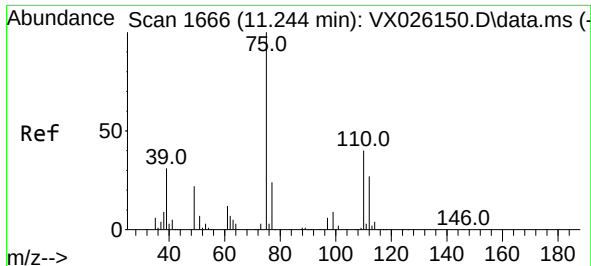
Ion Ratio Lower Upper

152 100

115 61.4 41.3 123.9

150 158.8 0.0 351.8

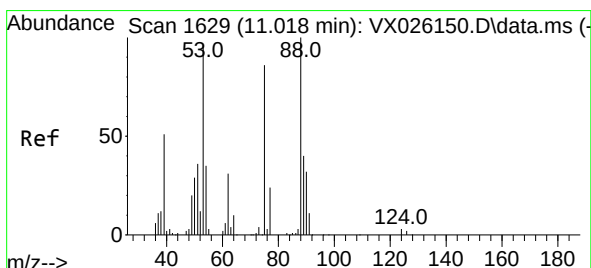
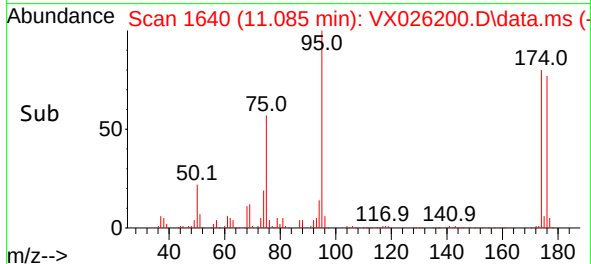
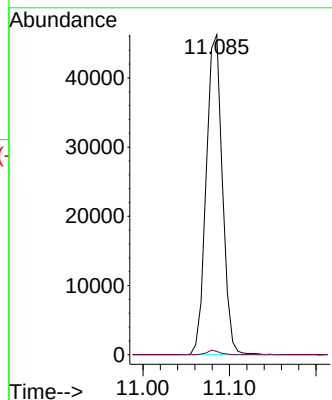
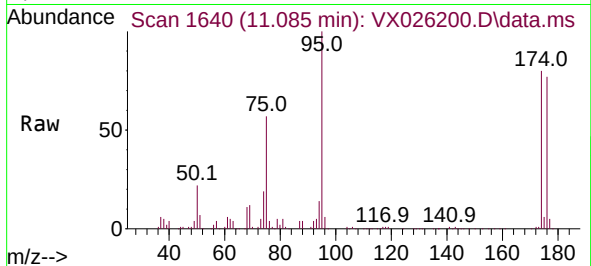




#76
1,2,3-Trichloropropane
Concen: 25.708 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 59897
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.373 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

Tgt Ion: 75 Resp: 59897
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

