

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027590.D
 Acq On : 21 Mar 2022 16:49
 Operator : JC/MD
 Sample : N1998-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 22 05:47:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

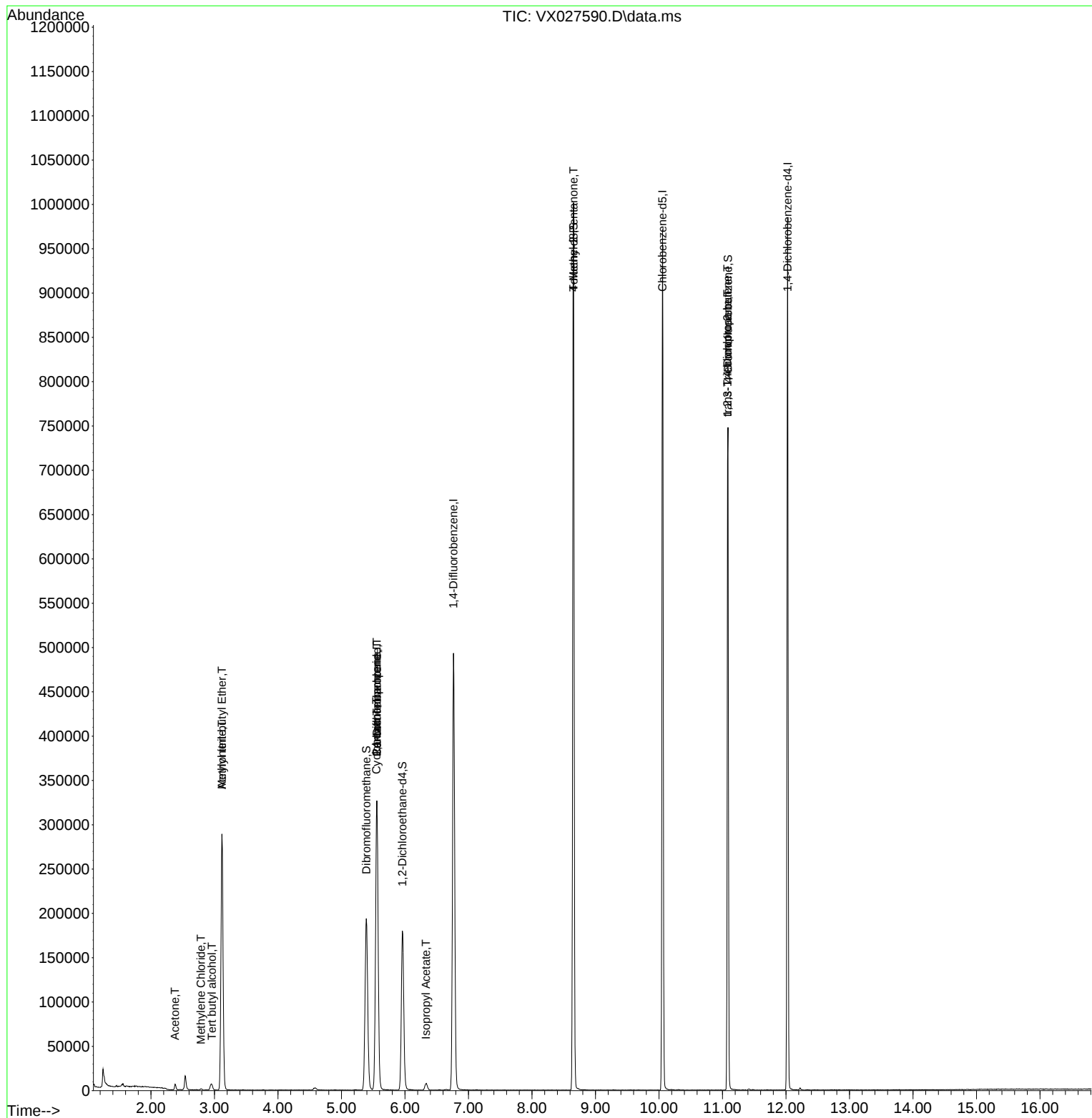
Internal Standards						
1) Pentafluorobenzene	5.556	168	340017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	548585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	483531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173667	41.461	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	82.920%
35) Dibromofluoromethane	5.391	113	174378	49.406	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.820%
50) Toluene-d8	8.653	98	625140	46.806	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.620%
62) 4-Bromofluorobenzene	11.085	95	211429	43.069	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.140%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	511	Below Cal		90
11) Tert butyl alcohol	2.959	59	5863	7.345 ug/l #		72
15) Acrylonitrile	3.117	53	3322	1.830 ug/l #		27
16) Acetone	2.380	43	6336	3.711 ug/l		96
19) Methyl tert-butyl Ether	3.117	73	335224	31.469 ug/l		99
20) Methylene Chloride	2.788	84	776	0.211 ug/l #		88
31) Cyclohexane	5.550	56	4785	0.920 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	20966	4.347 ug/l #		50
38) Carbon Tetrachloride	5.556	117	31641	5.734 ug/l #		15
43) Isopropyl Acetate	6.330	43	2412	0.312 ug/l #		5
51) 4-Methyl-2-Pentanone	8.653	43	1961	0.397 ug/l #		1
58) 2-Chloroethyl Vinyl ether	8.177	63	23	Below Cal #		45
76) 1,2,3-Trichloropropane	11.079	75	94725	21.001 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	94725	63.781 ug/l #		15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
Data File : VX027590.D
Acq On : 21 Mar 2022 16:49
Operator : JC/MD
Sample : N1998-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 22 05:47:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX027590.D

Acq: 21 Mar 2022 16:49

Instrument :

MSVOA_X

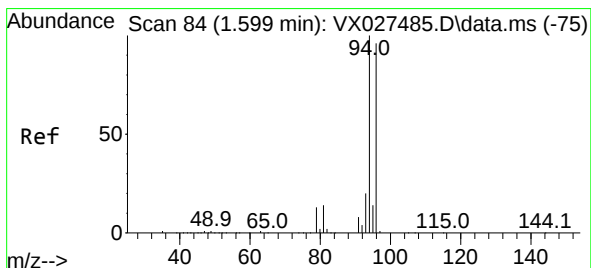
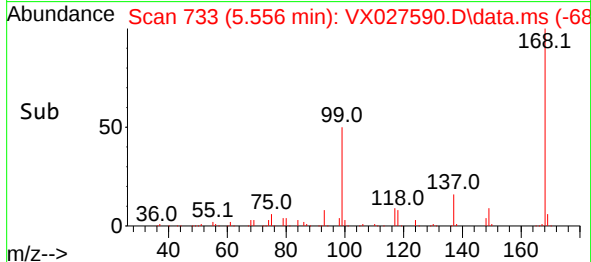
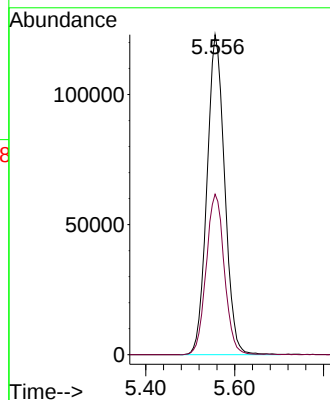
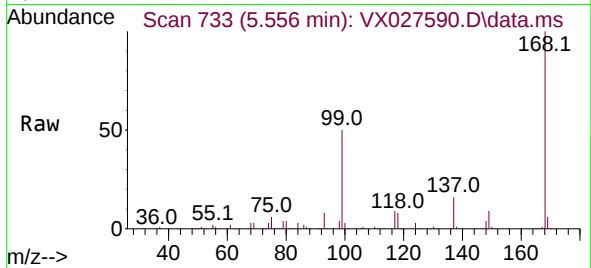
ClientSampleId :

Tgt Ion:168 Resp: 340017

Ion Ratio Lower Upper

168 100

99 50.1 41.7 62.5



#5

Bromomethane

Concen: Below Cal

RT: 1.612 min Scan# 86

Delta R.T. 0.013 min

Lab File: VX027590.D

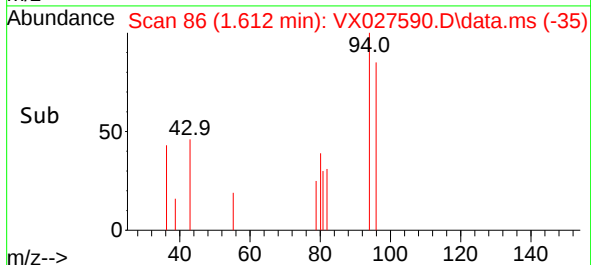
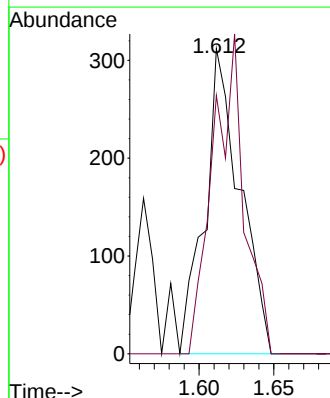
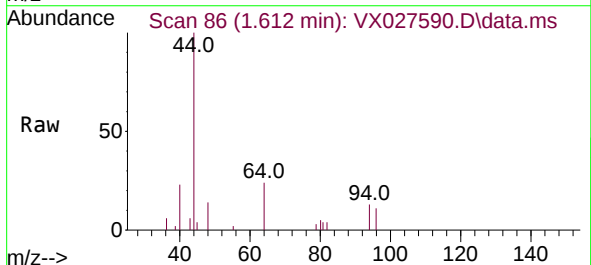
Acq: 21 Mar 2022 16:49

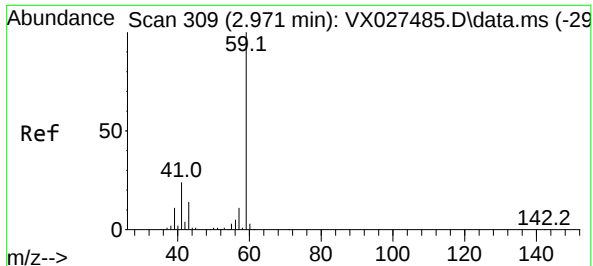
Tgt Ion: 94 Resp: 511

Ion Ratio Lower Upper

94 100

96 84.6 75.3 112.9





#11

Tert butyl alcohol

Concen: 7.345 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX027590.D

Acq: 21 Mar 2022 16:49

Instrument :

MSVOA_X

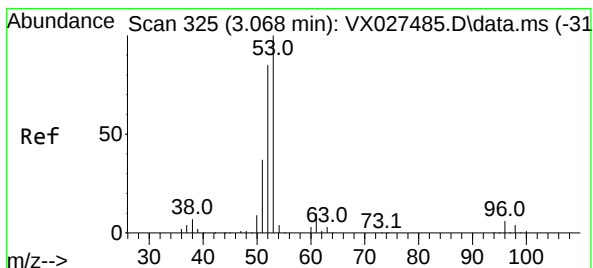
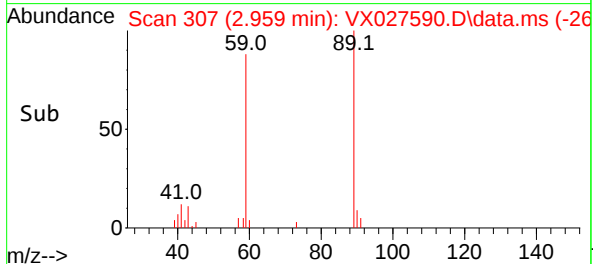
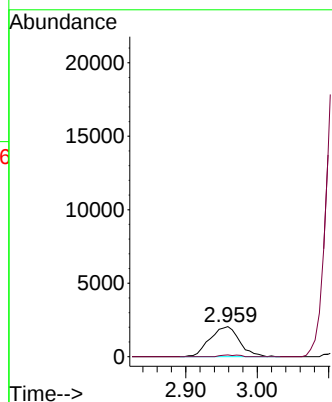
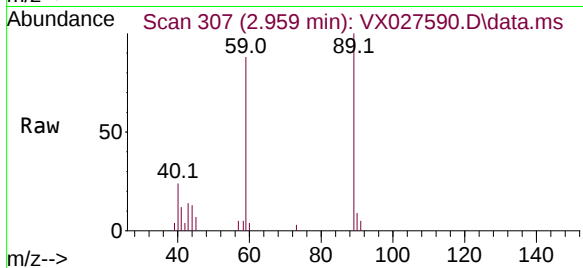
ClientSampleId :

Tgt Ion: 59 Resp: 5863

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#15

Acrylonitrile

Concen: 1.830 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.049 min

Lab File: VX027590.D

Acq: 21 Mar 2022 16:49

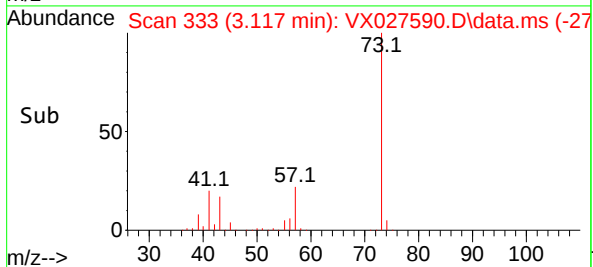
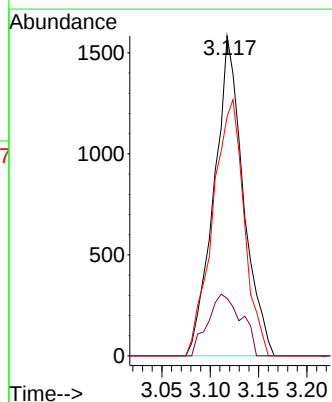
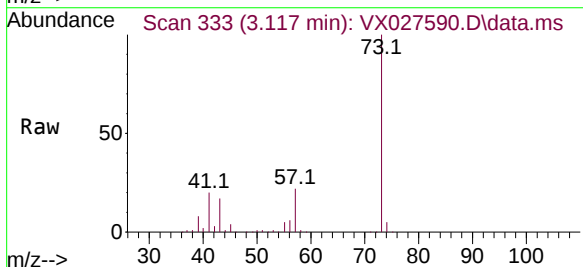
Tgt Ion: 53 Resp: 3322

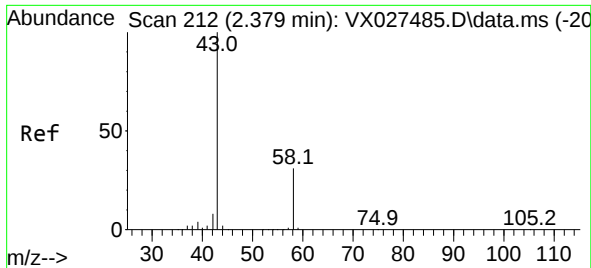
Ion Ratio Lower Upper

53 100

52 22.2 65.7 98.5#

51 86.1 28.4 42.6#

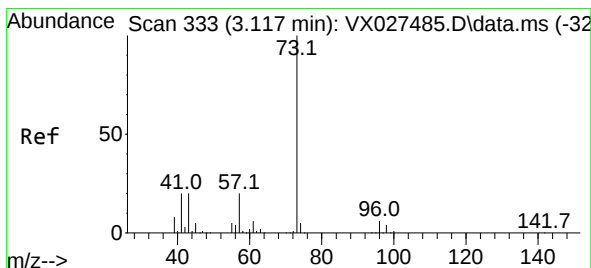
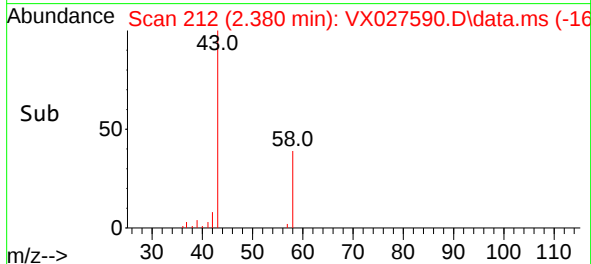
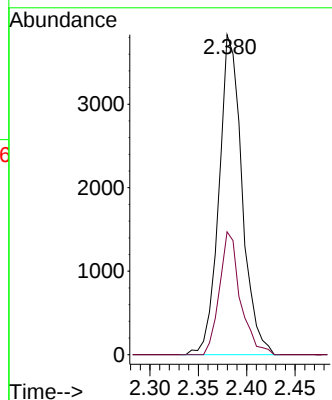
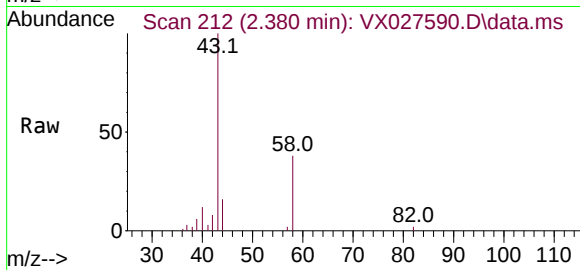




#16
Acetone
Concen: 3.711 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

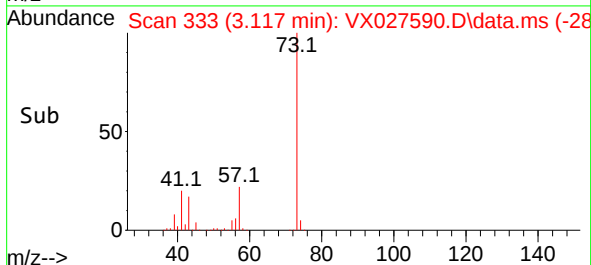
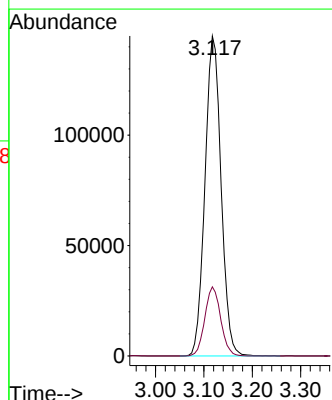
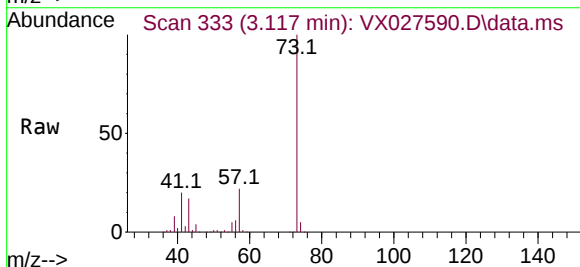
Instrument :
MSVOA_X
ClientSampleId :

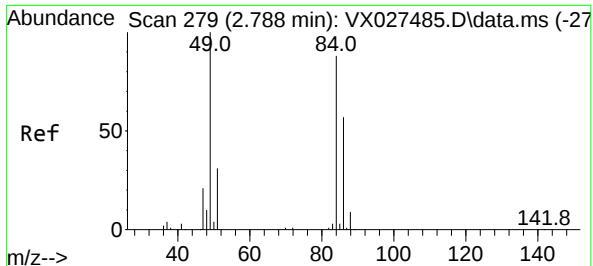
Tgt Ion: 43 Resp: 6336
Ion Ratio Lower Upper
43 100
58 38.4 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 31.469 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

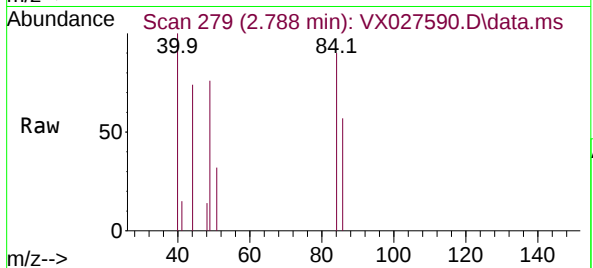
Tgt Ion: 73 Resp: 335224
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2





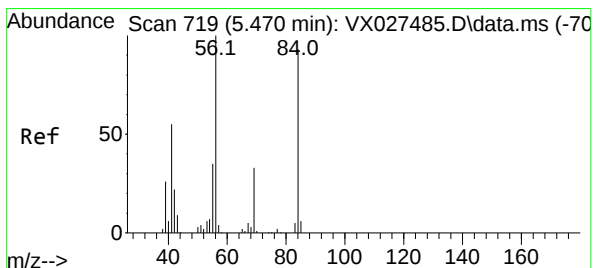
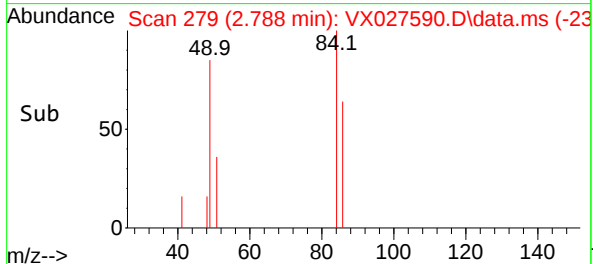
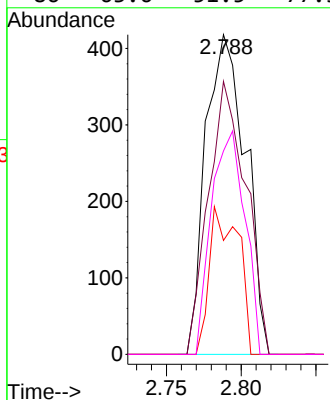
#20
Methylene Chloride
Concen: 0.211 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 776

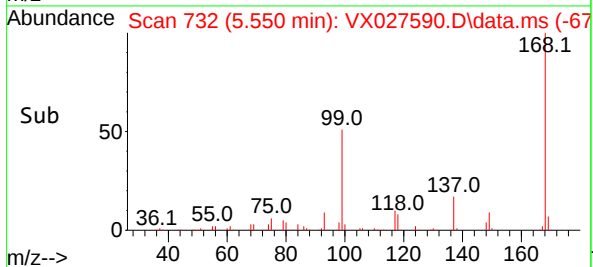
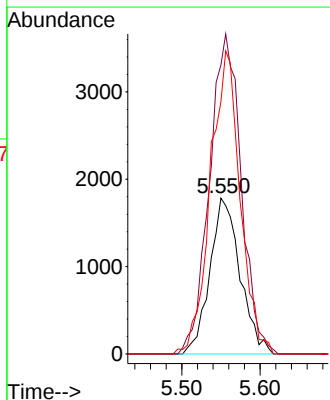
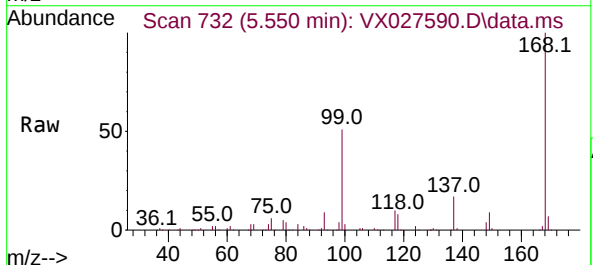
Ion	Ratio	Lower	Upper
84	100		
49	85.4	85.5	128.3#
51	35.6	26.6	39.8
86	63.6	51.5	77.3

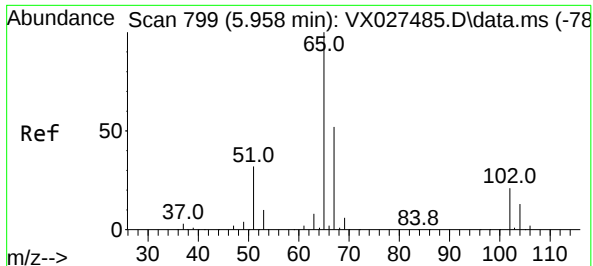


#31
Cyclohexane
Concen: 0.920 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

Tgt Ion: 56 Resp: 4785

Ion	Ratio	Lower	Upper
56	100		
69	185.4	26.7	40.1#
84	162.0	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 41.461 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027590.D

Acq: 21 Mar 2022 16:49

Instrument :

MSVOA_X

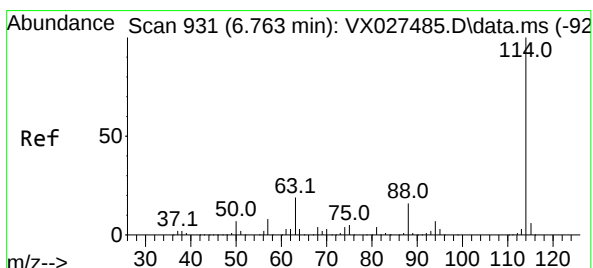
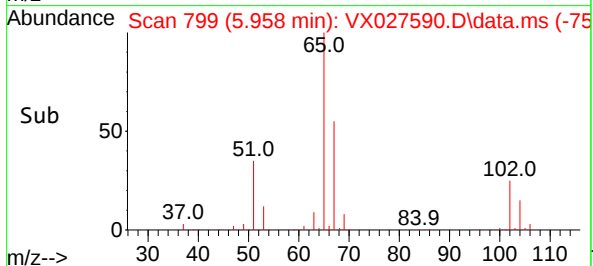
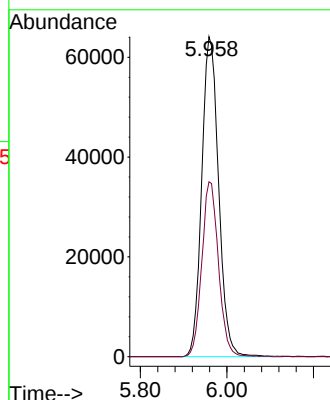
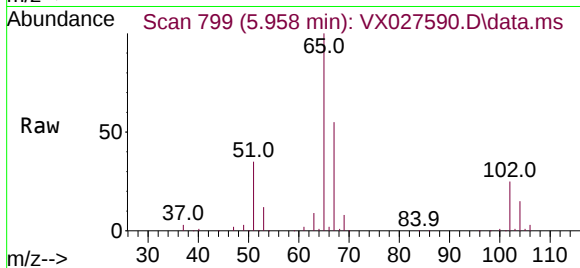
ClientSampleId :

Tgt Ion: 65 Resp: 173667

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027590.D

Acq: 21 Mar 2022 16:49

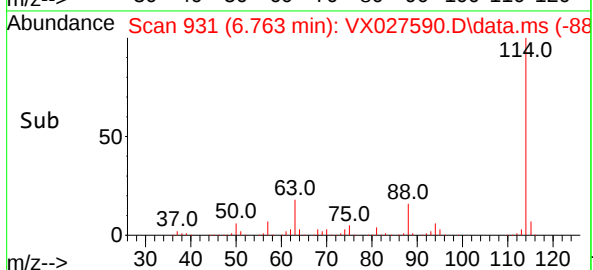
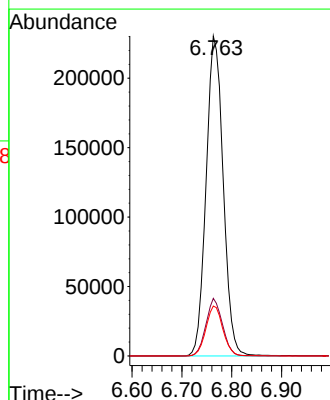
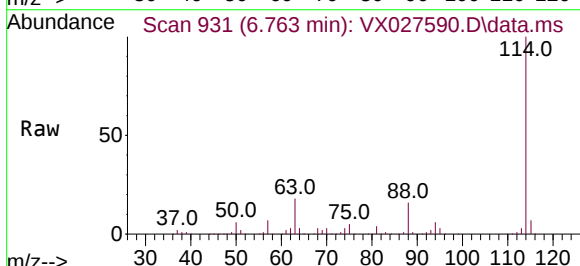
Tgt Ion: 114 Resp: 548585

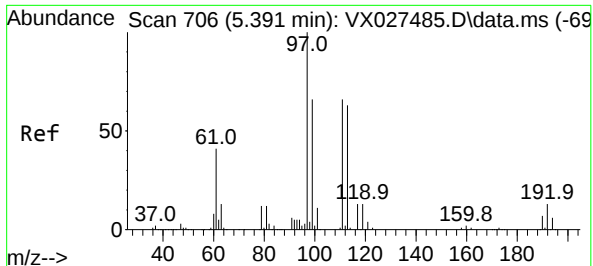
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.406 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

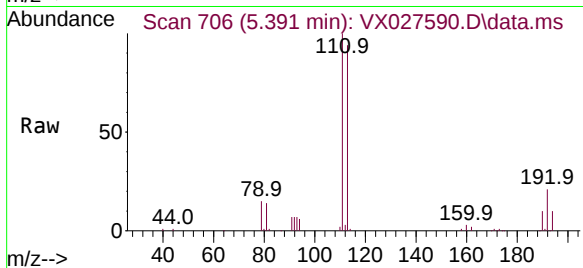
Lab File: VX027590.D

Acq: 21 Mar 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :



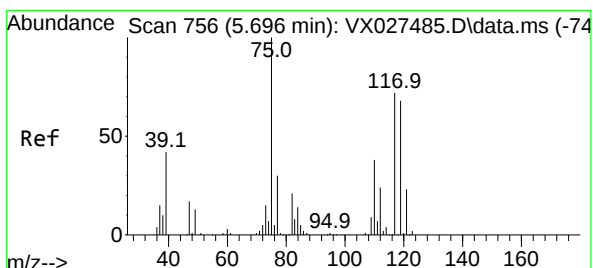
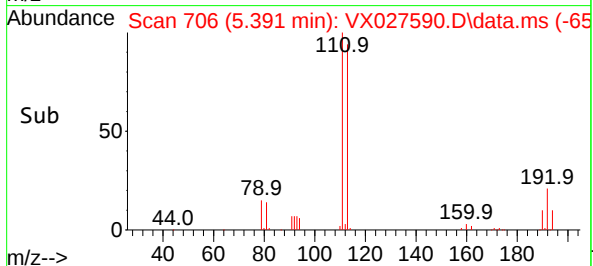
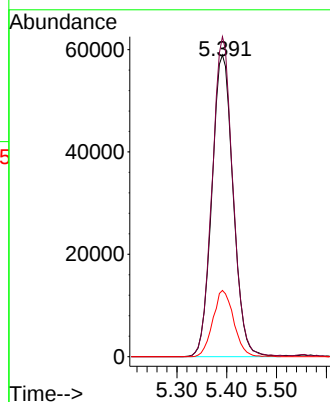
Tgt Ion:113 Resp: 174378

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 21.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.347 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027590.D

Acq: 21 Mar 2022 16:49

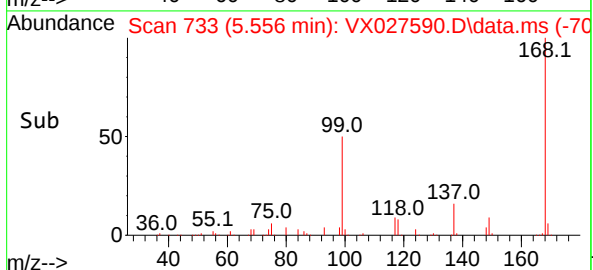
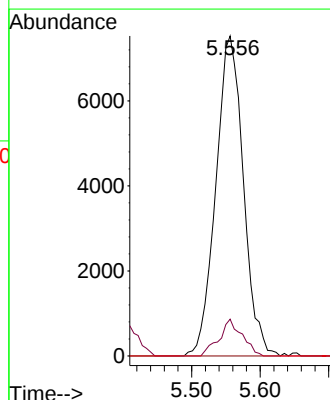
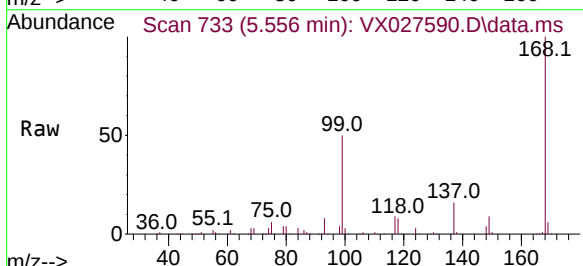
Tgt Ion: 75 Resp: 20966

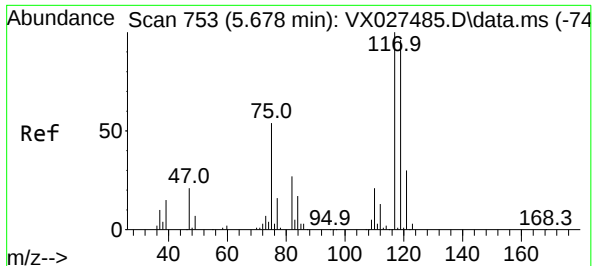
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

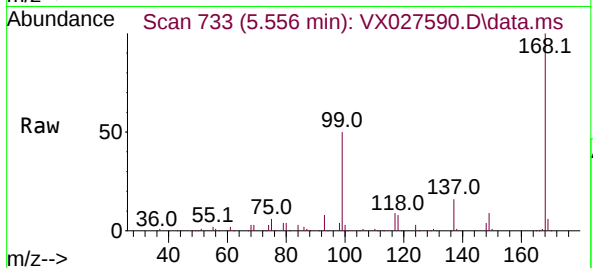
77 0.0 24.8 37.2#



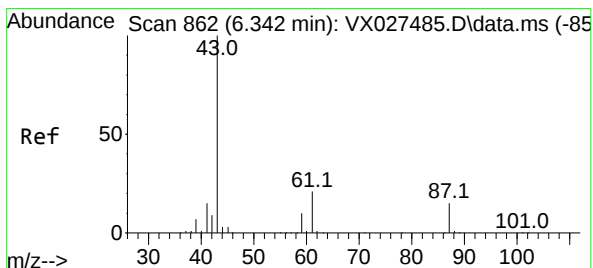
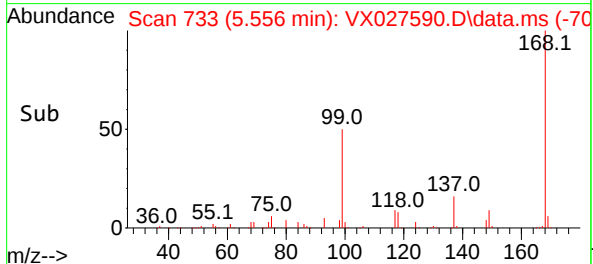
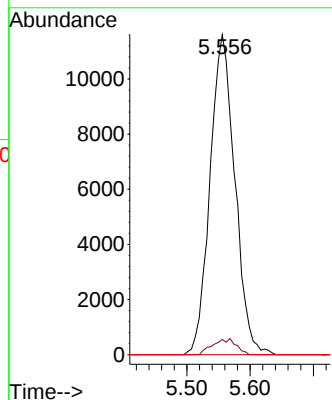


#38
Carbon Tetrachloride
Concen: 5.734 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :

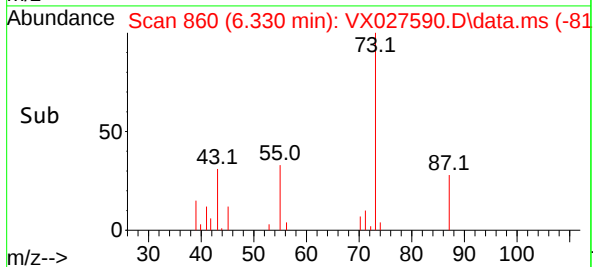
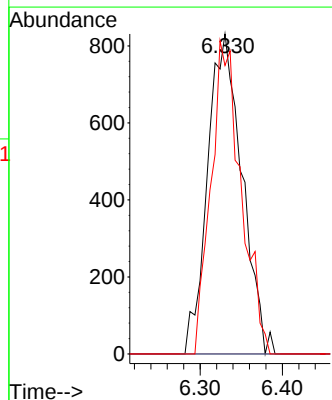
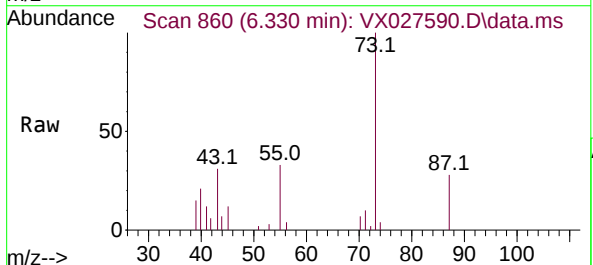


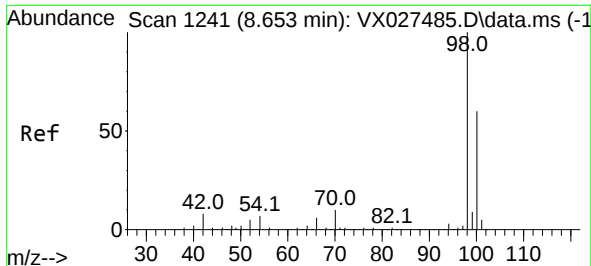
Tgt Ion:117 Resp: 31641
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.312 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

Tgt Ion: 43 Resp: 2412
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 86.0 13.0 19.6#

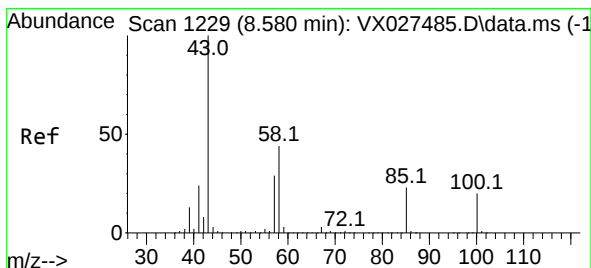
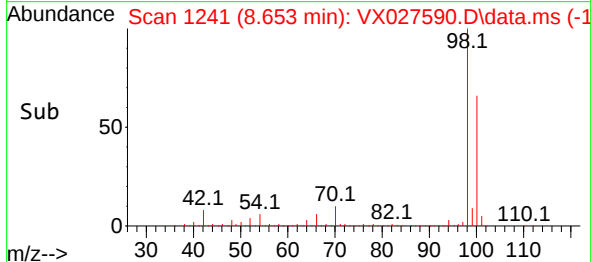
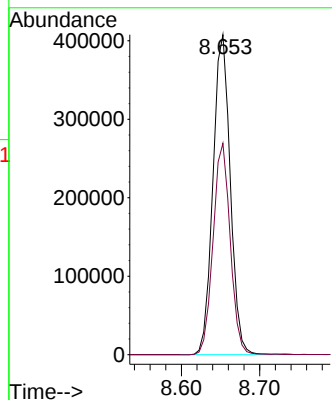
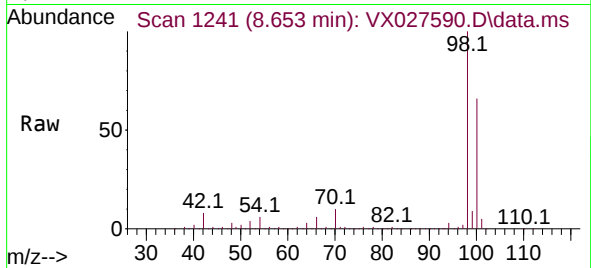




#50
Toluene-d8
Concen: 46.806 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

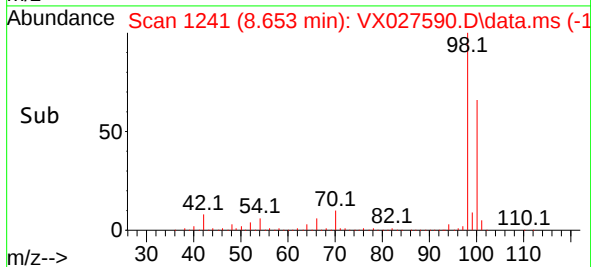
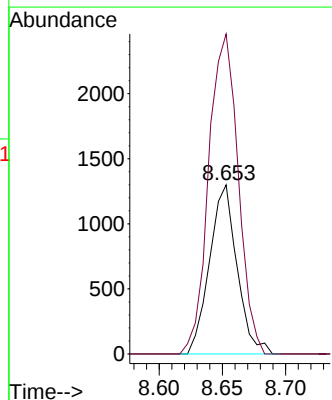
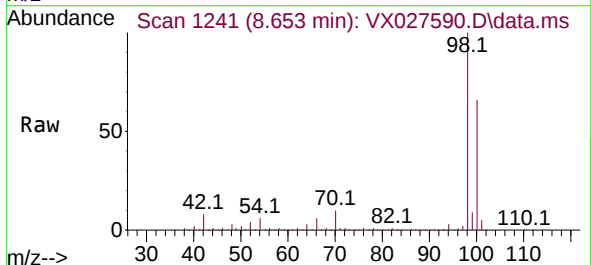
Instrument :
MSVOA_X
ClientSampleId :

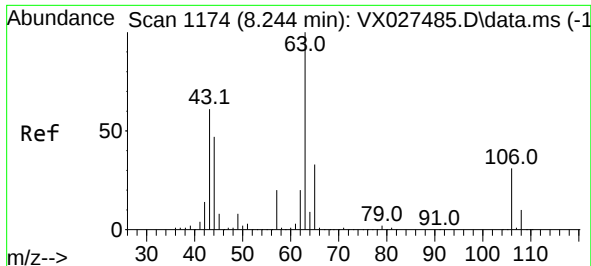
Tgt Ion: 98 Resp: 625140
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.397 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

Tgt Ion: 43 Resp: 1961
Ion Ratio Lower Upper
43 100
58 203.2 36.1 54.1#

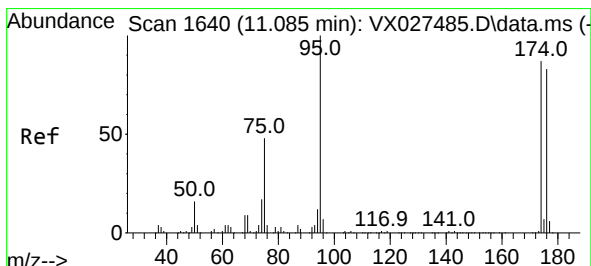
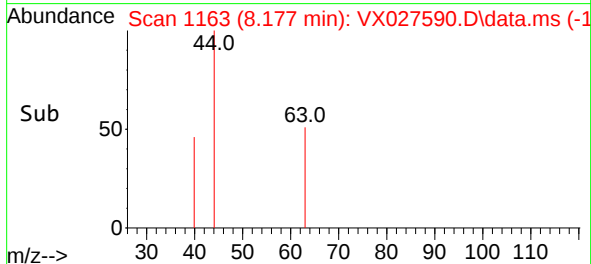
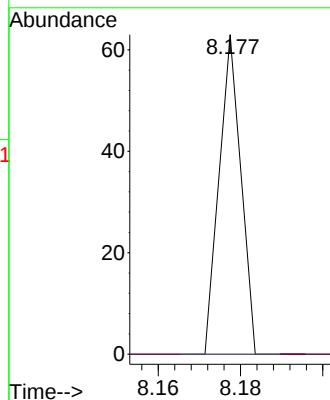
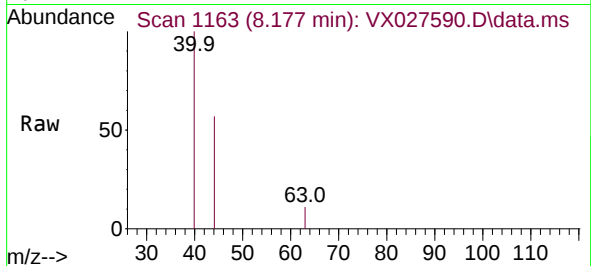




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.177 min Scan# 1174
Delta R.T. -0.067 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

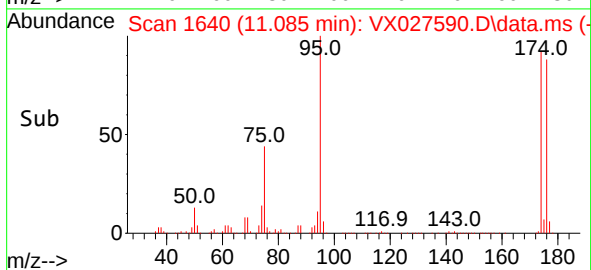
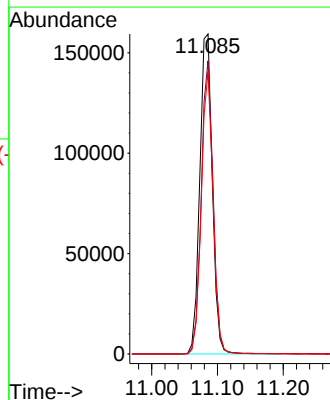
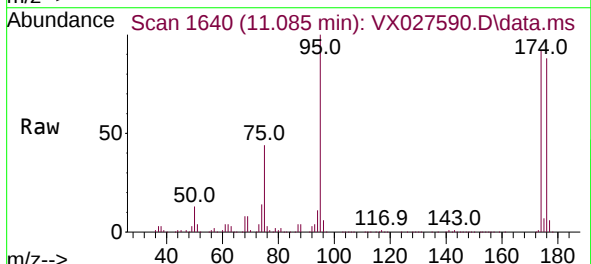
Instrument :
MSVOA_X
ClientSampleId :

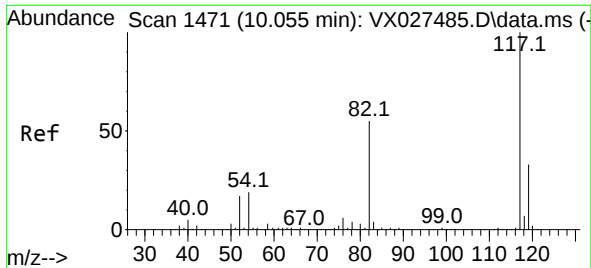
Tgt Ion: 63 Resp: 23
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 43.069 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

Tgt Ion: 95 Resp: 211429
Ion Ratio Lower Upper
95 100
174 87.0 0.0 163.0
176 82.9 0.0 155.0

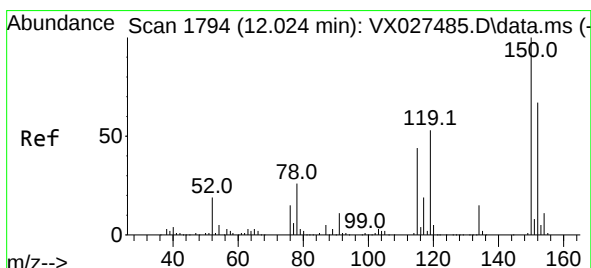
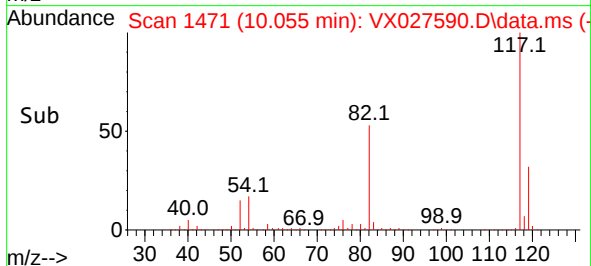
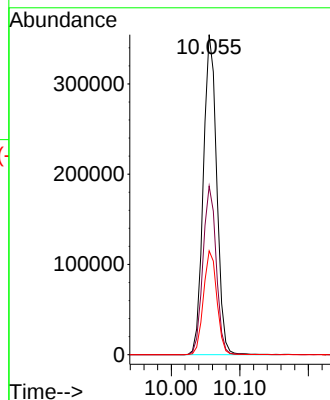
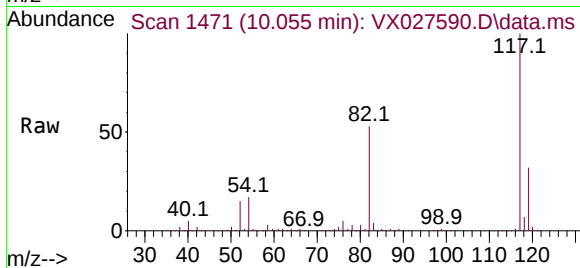




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

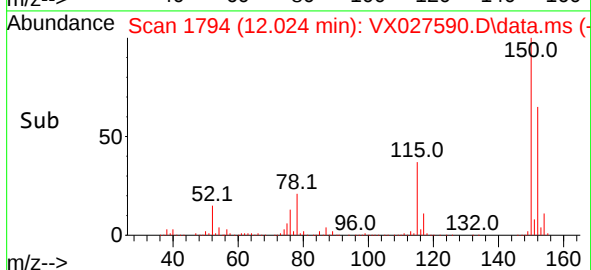
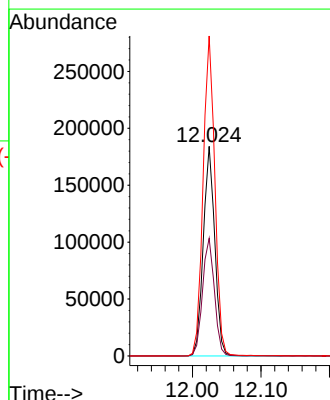
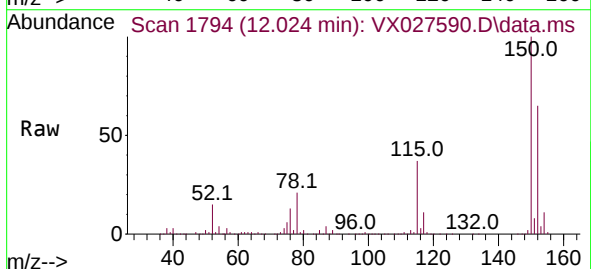
Instrument :
MSVOA_X
ClientSampleId :

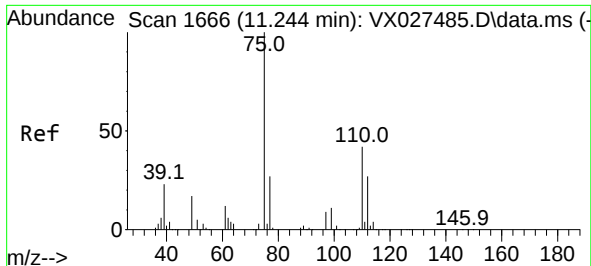
Tgt Ion:117 Resp: 483531
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

Tgt Ion:152 Resp: 215641
Ion Ratio Lower Upper
152 100
115 58.0 37.5 112.7
150 155.6 0.0 338.2

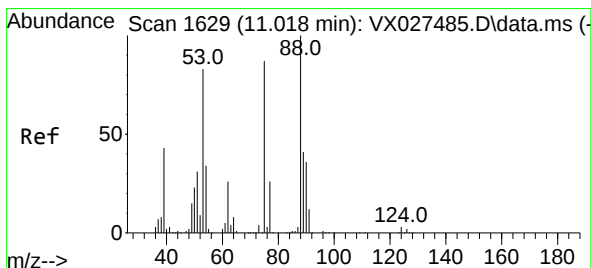
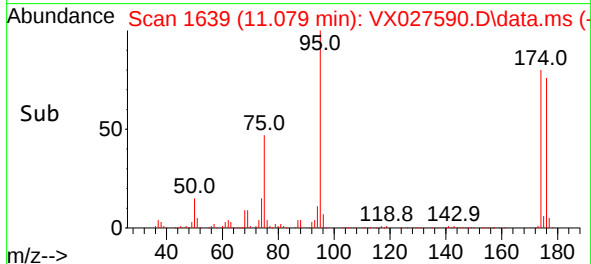
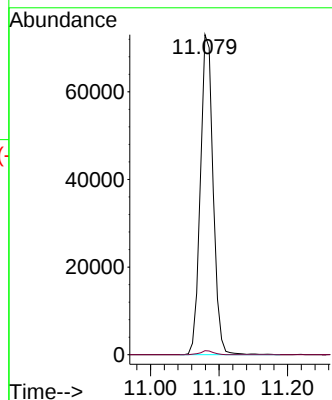
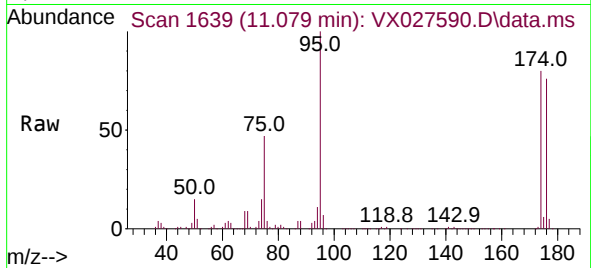




#76
1,2,3-Trichloropropane
Concen: 21.001 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 94725
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027590.D
Acq: 21 Mar 2022 16:49

Tgt Ion: 75 Resp: 94725
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

