

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025895.D
 Acq On : 17 Dec 2021 19:02
 Operator : JC/MD
 Sample : M5051-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

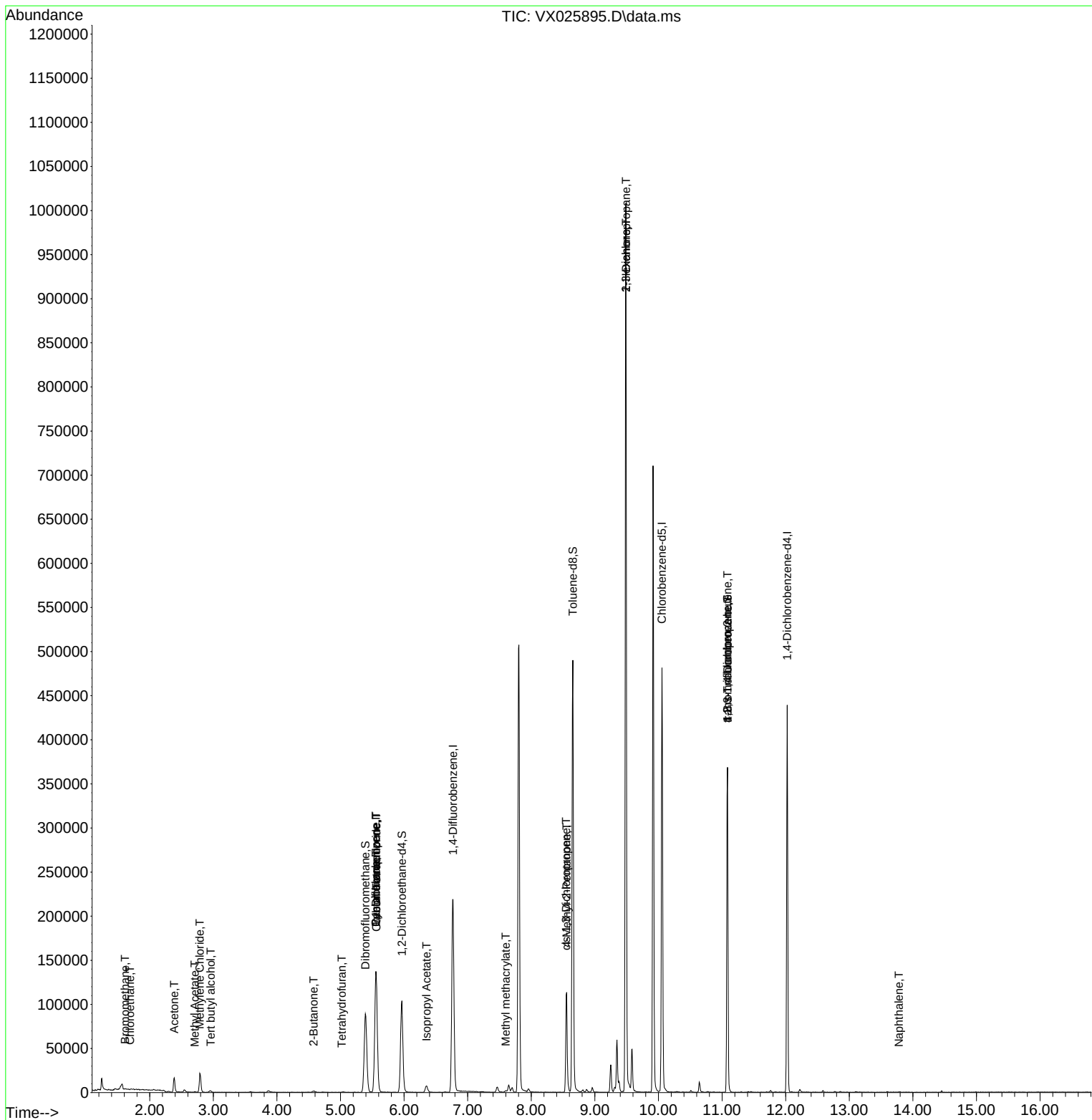
Quant Time: Dec 19 02:34:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

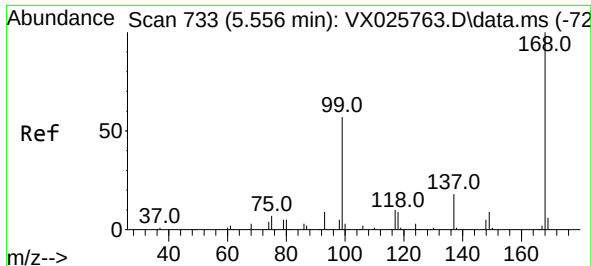
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	122617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96326	54.599	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.200%
35) Dibromofluoromethane	5.391	113	76501	49.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	8.653	98	289947	51.480	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.960%
62) 4-Bromofluorobenzene	11.085	95	99557	46.533	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.060%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	496	0.457	ug/l	95
6) Chloroethane	1.691	64	307	0.279	ug/l #	42
11) Tert butyl alcohol	2.959	59	1310	3.702	ug/l #	73
16) Acetone	2.386	43	17334	1.904	ug/l	99
18) Methyl Acetate	2.709	43	959	0.357	ug/l #	63
20) Methylene Chloride	2.788	84	8801	3.587	ug/l	94
25) 2-Butanone	4.574	43	2317	1.953	ug/l	92
29) Tetrahydrofuran	5.019	42	215	0.285	ug/l #	32
31) Cyclohexane	5.556	56	3201	1.492	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	10881	5.191	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13406	5.496	ug/l #	17
43) Isopropyl Acetate	6.354	43	10133	2.700	ug/l	97
48) Methyl methacrylate	7.598	41	3358	1.900	ug/l #	12
51) 4-Methyl-2-Pentanone	8.555	43	41314	16.819	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	18063	7.161	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	8738	3.118	ug/l #	42
59) 2-Hexanone	9.488	43	120855	64.936	ug/l #	52
76) 1,2,3-Trichloropropane	11.085	75	51204	26.253	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51204	81.390	ug/l #	10
95) Naphthalene	13.780	128	326	2.465	ug/l #	69

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

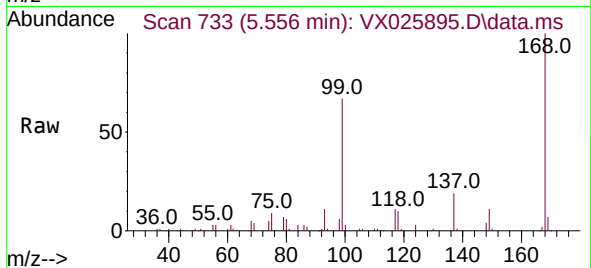
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
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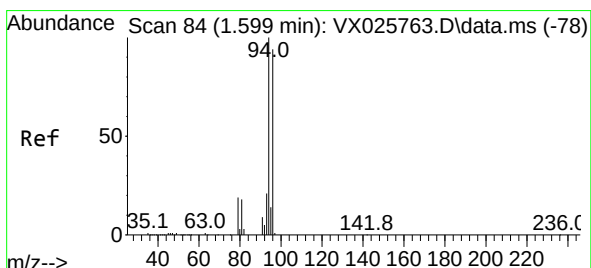
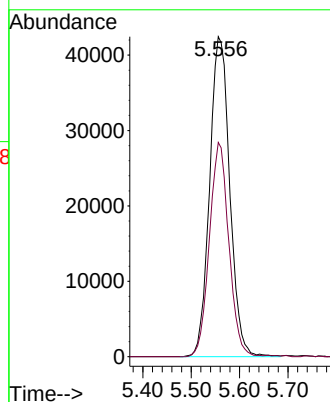
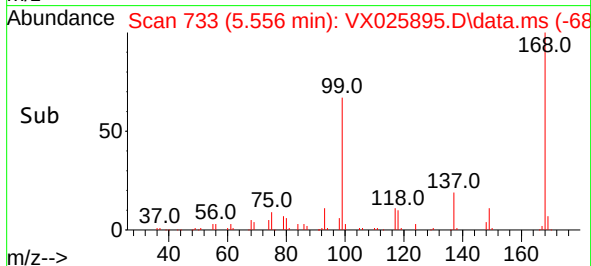


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

Instrument :
MSVOA_X
ClientSampleId :

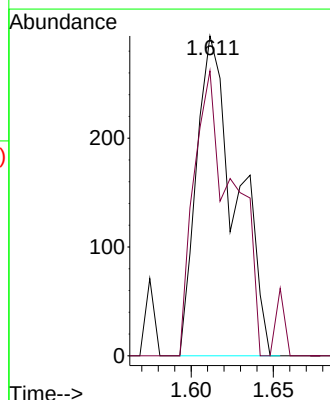
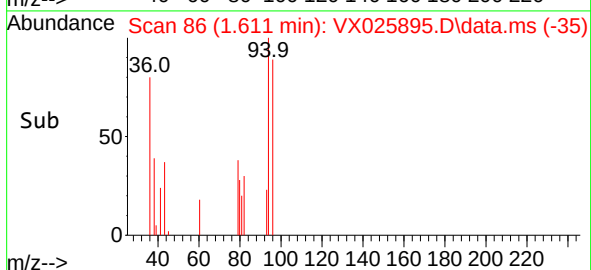
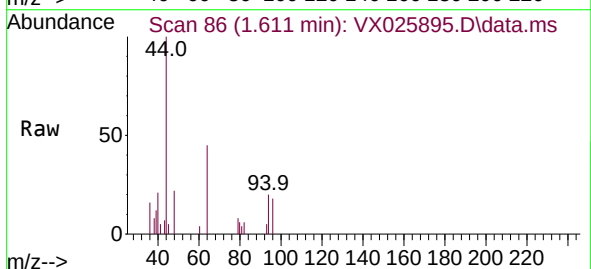


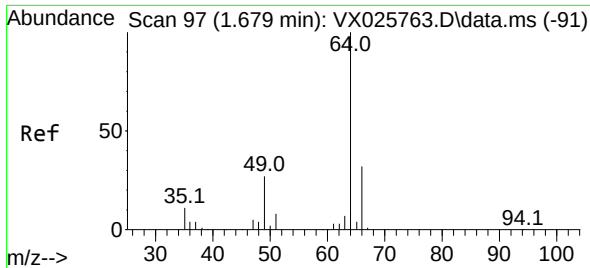
Tgt Ion:168 Resp: 122617
Ion Ratio Lower Upper
168 100
99 67.0 45.8 68.8



#5
Bromomethane
Concen: 0.457 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 89.1 75.0 112.4

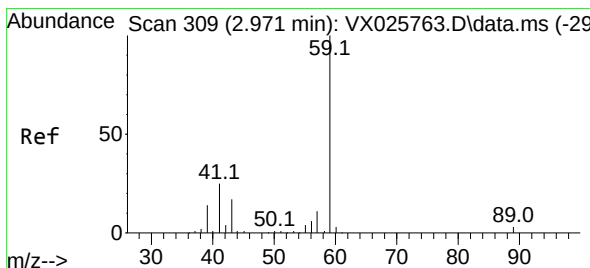
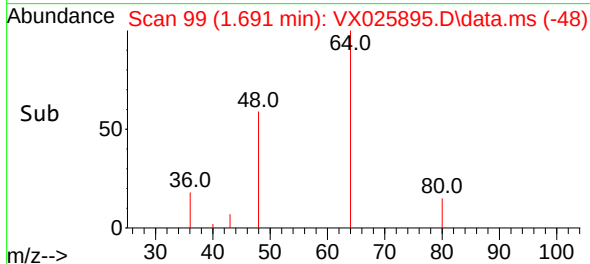
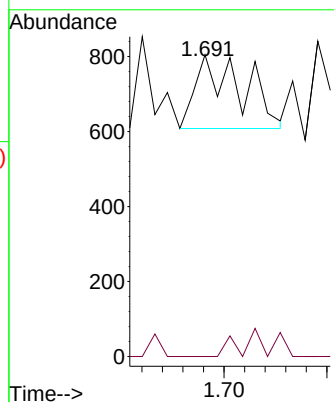
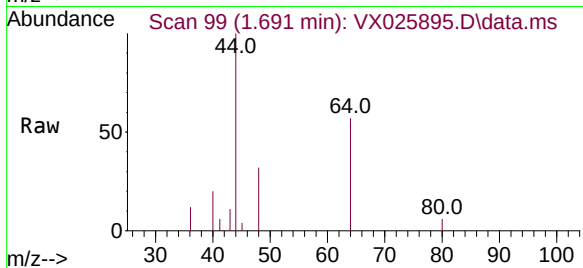




#6
Chloroethane
Concen: 0.279 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

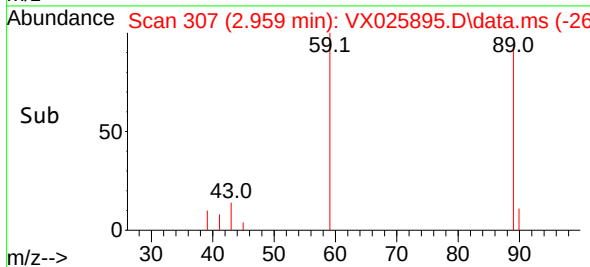
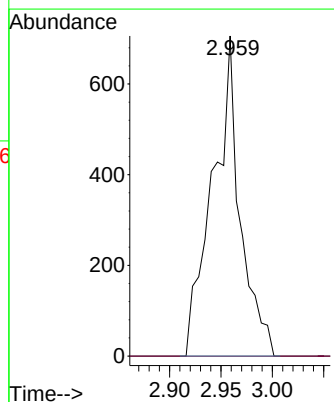
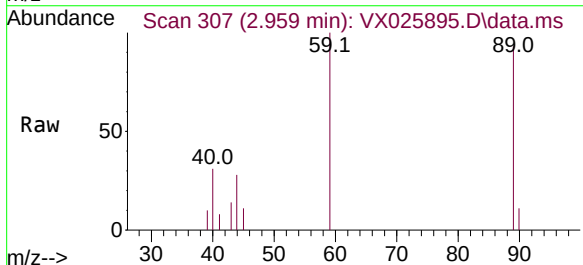
Instrument :
MSVOA_X
ClientSampleId :

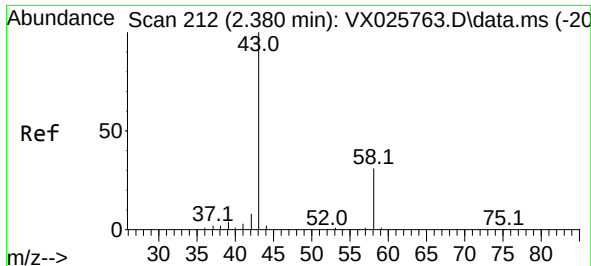
Tgt Ion: 64 Resp: 307
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 3.702 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

Tgt Ion: 59 Resp: 1310
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 1.904 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX025895.D

Acq: 17 Dec 2021 19:02

Instrument :

MSVOA_X

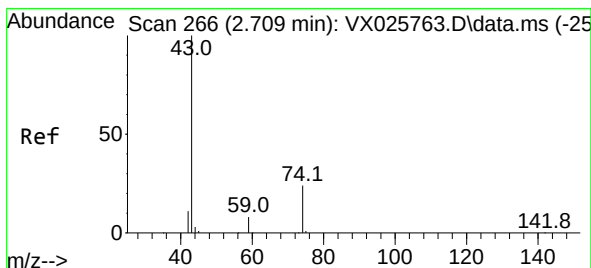
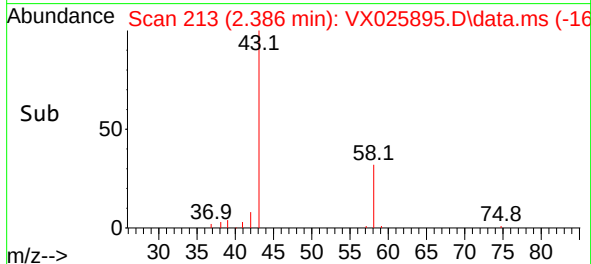
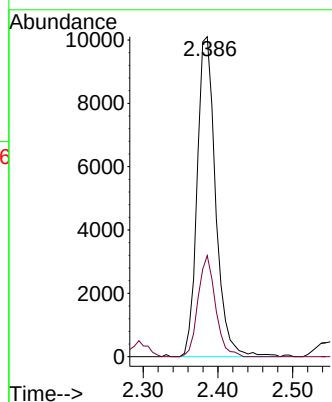
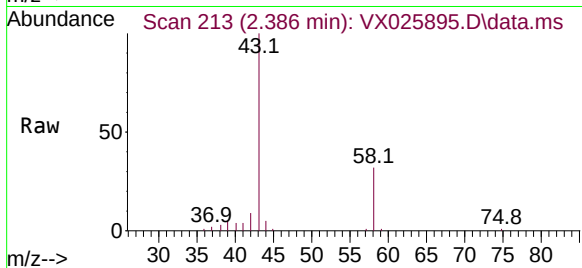
ClientSampleId :

Tgt Ion: 43 Resp: 17334

Ion Ratio Lower Upper

43 100

58 31.6 24.8 37.2



#18

Methyl Acetate

Concen: 0.357 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX025895.D

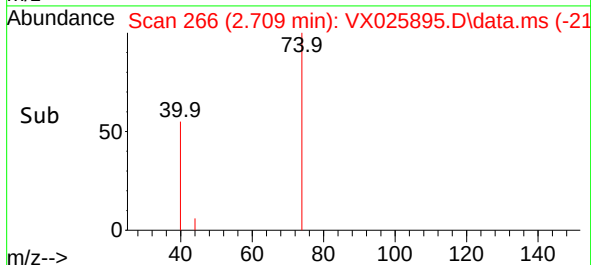
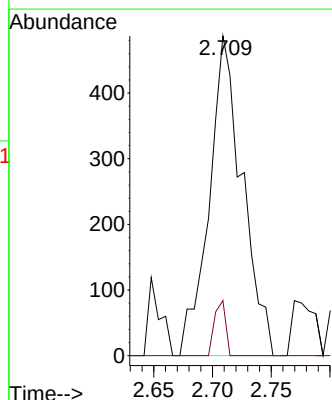
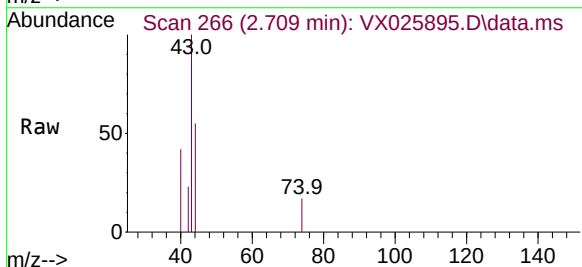
Acq: 17 Dec 2021 19:02

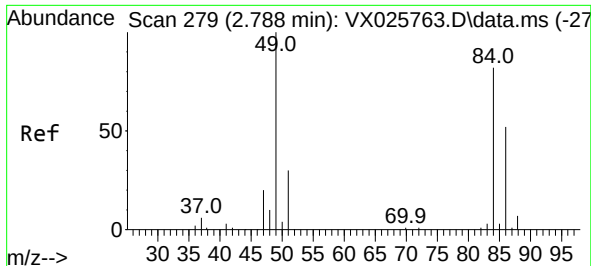
Tgt Ion: 43 Resp: 959

Ion Ratio Lower Upper

43 100

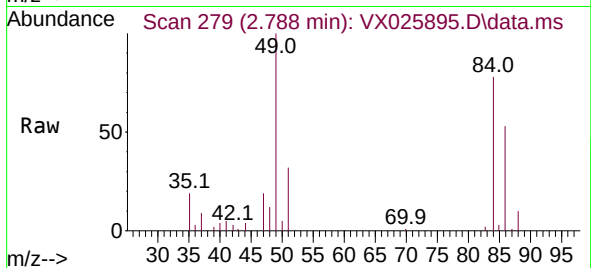
74 5.7 19.1 28.7#



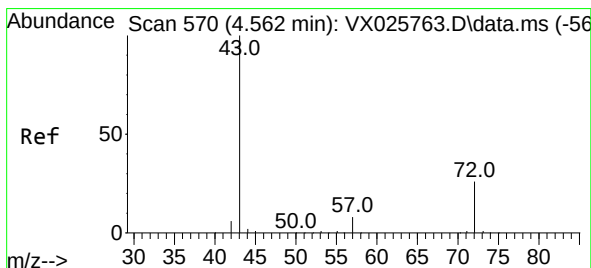
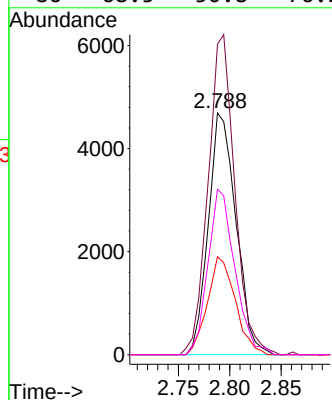


#20
Methylene Chloride
Concen: 3.587 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

Instrument :
MSVOA_X
ClientSampleId :

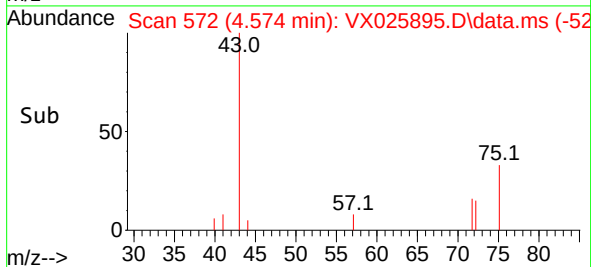
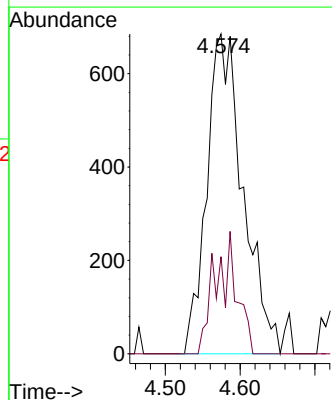
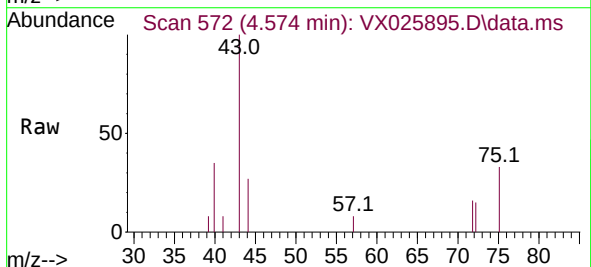


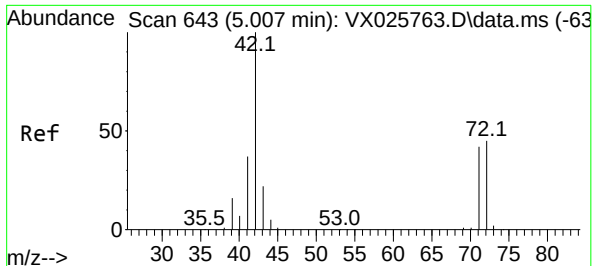
Tgt Ion: 84	Resp: 8801
Ion Ratio	Lower Upper
84 100	
49 128.5	97.1 145.7
51 40.5	29.3 43.9
86 68.5	50.8 76.2



#25
2-Butanone
Concen: 1.953 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

Tgt Ion: 43	Resp: 2317		
Ion Ratio	Lower	Upper	
43 100			
72 30.4	21.0	31.4	





#29

Tetrahydrofuran

Concen: 0.285 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX025895.D

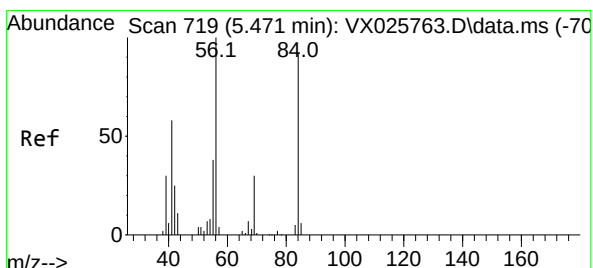
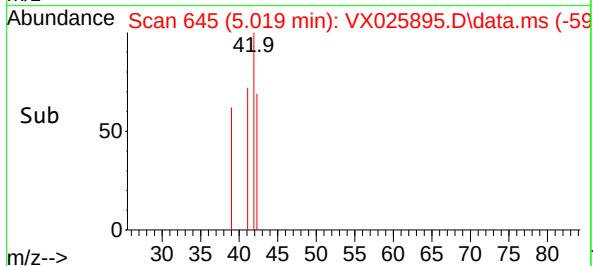
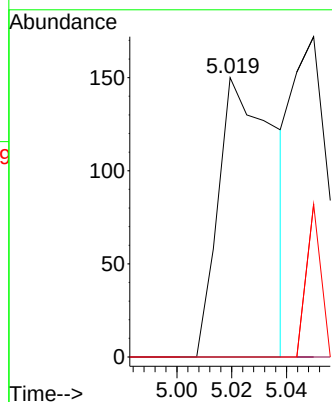
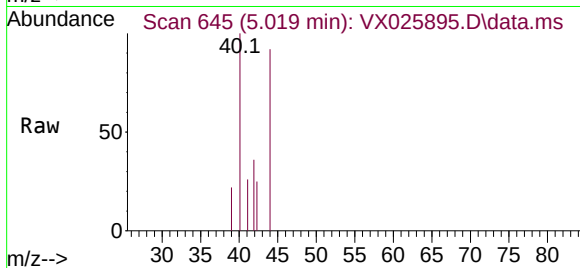
Acq: 17 Dec 2021 19:02

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	215
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.6#
71	0.0	34.1	51.1#



#31

Cyclohexane

Concen: 1.492 ug/l

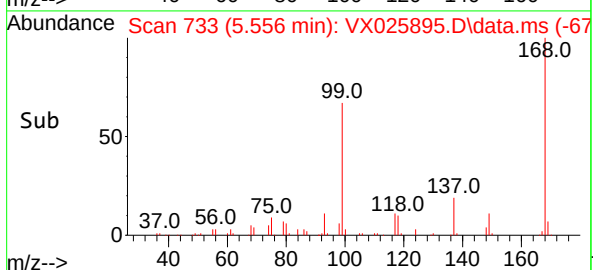
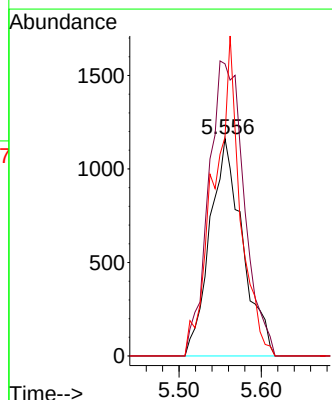
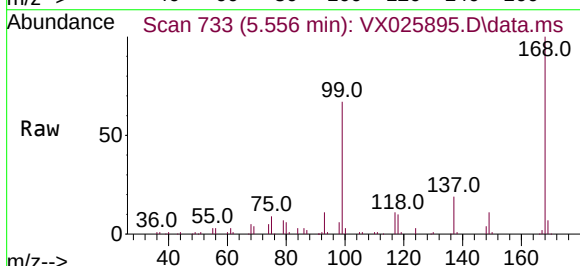
RT: 5.556 min Scan# 733

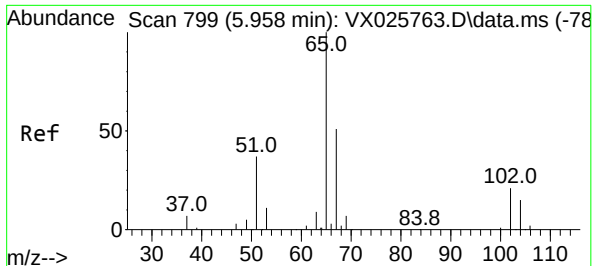
Delta R.T. 0.085 min

Lab File: VX025895.D

Acq: 17 Dec 2021 19:02

Tgt Ion:	56	Resp:	3201
Ion	Ratio	Lower	Upper
56	100		
69	134.3	23.9	35.9#
84	100.6	73.2	109.8





#33

1,2-Dichloroethane-d4

Concen: 54.599 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025895.D

Acq: 17 Dec 2021 19:02

Instrument :

MSVOA_X

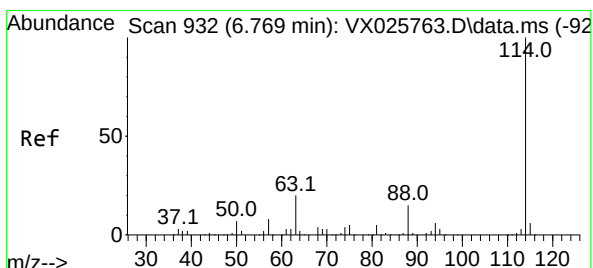
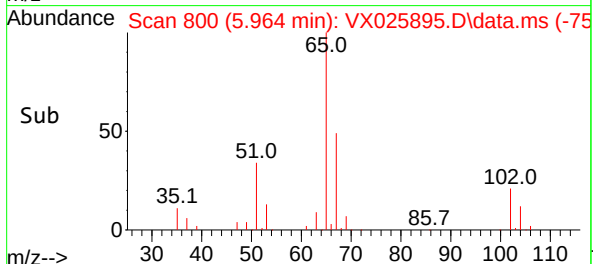
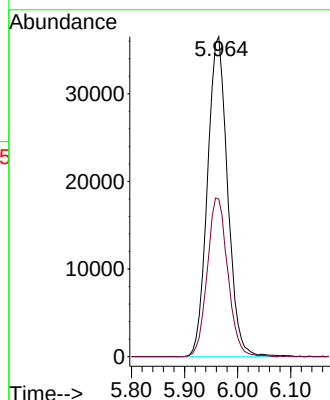
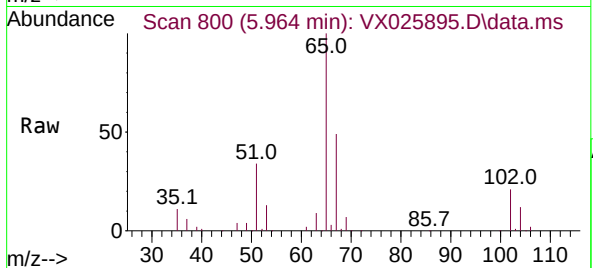
ClientSampleId :

Tgt Ion: 65 Resp: 96326

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: VX025895.D

Acq: 17 Dec 2021 19:02

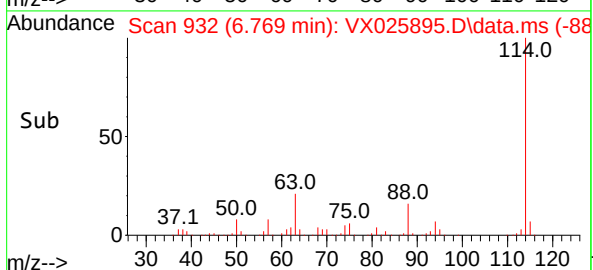
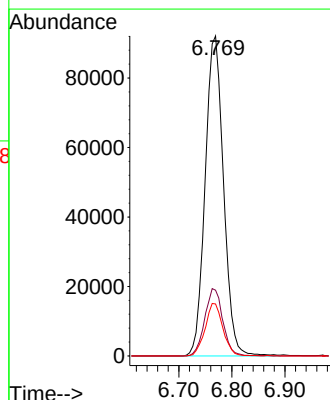
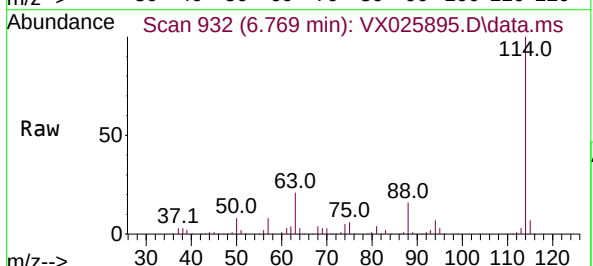
Tgt Ion: 114 Resp: 221652

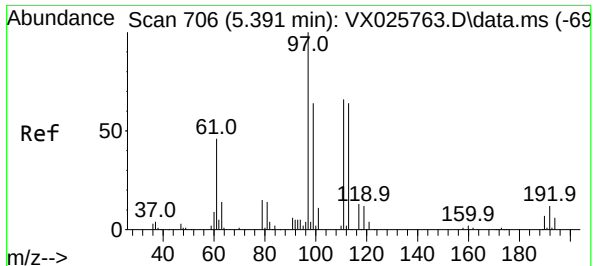
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.489 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

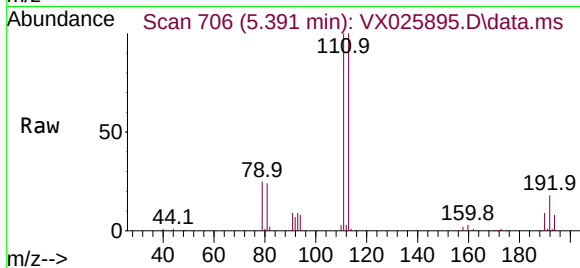
Lab File: VX025895.D

Acq: 17 Dec 2021 19:02

Instrument :

MSVOA_X

ClientSampleId :



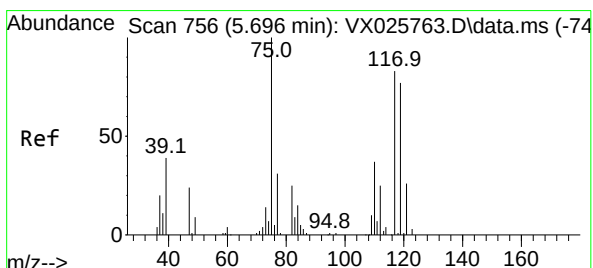
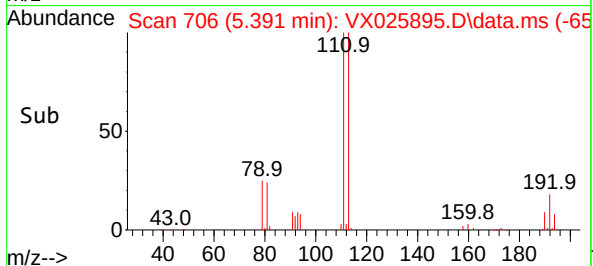
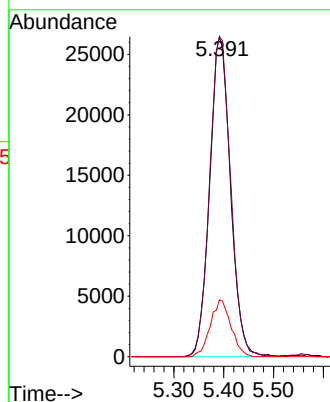
Tgt Ion:113 Resp: 76501

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

192 17.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 5.191 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX025895.D

Acq: 17 Dec 2021 19:02

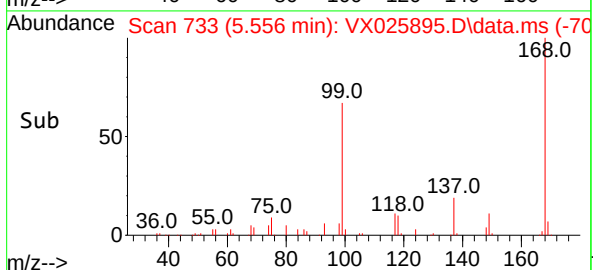
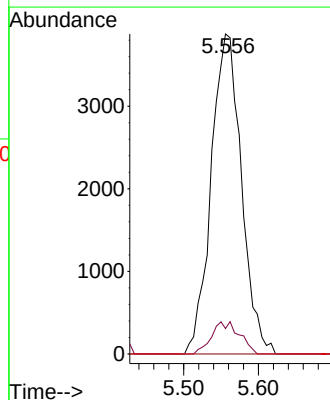
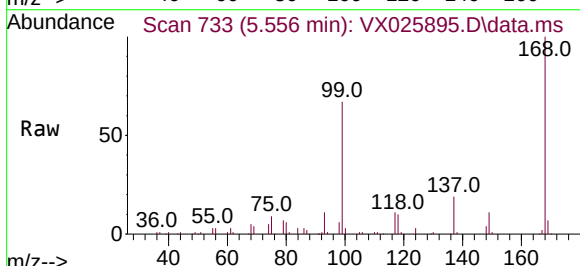
Tgt Ion: 75 Resp: 10881

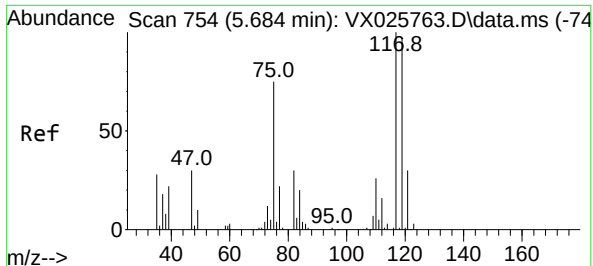
Ion Ratio Lower Upper

75 100

110 9.3 18.2 54.6#

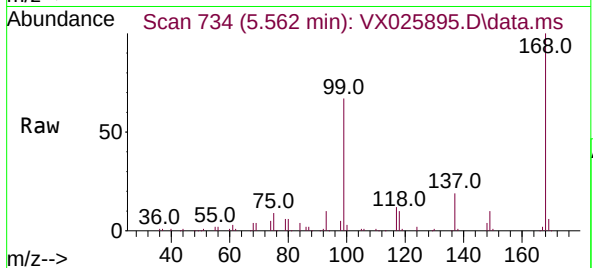
77 0.0 24.7 37.1#



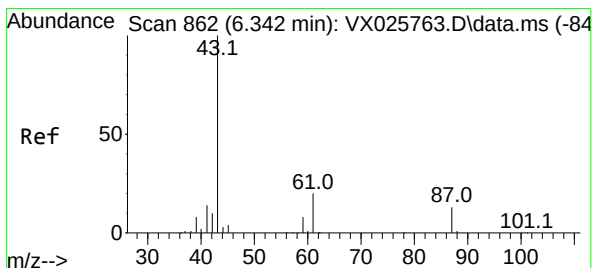
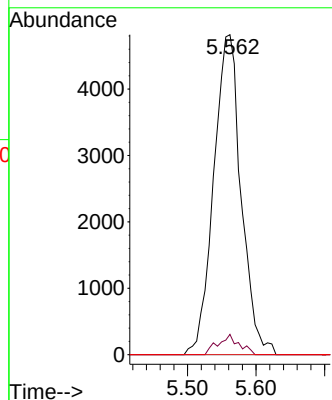
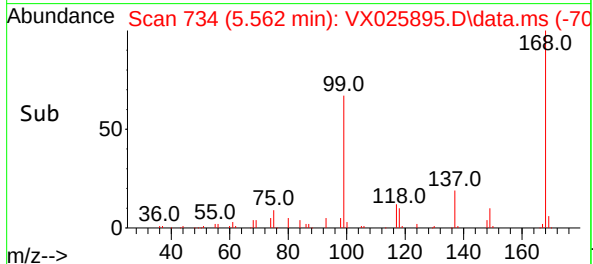


#38
Carbon Tetrachloride
Concen: 5.496 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

Instrument :
MSVOA_X
ClientSampleId :

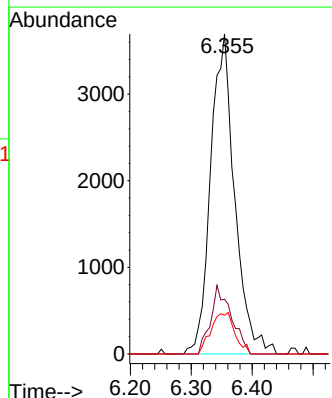
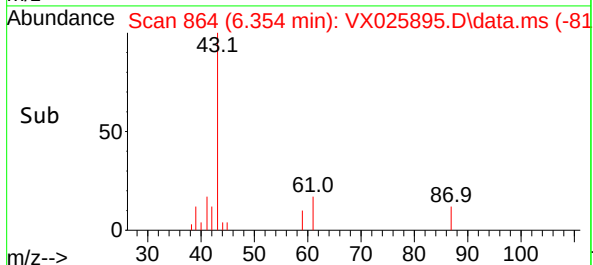
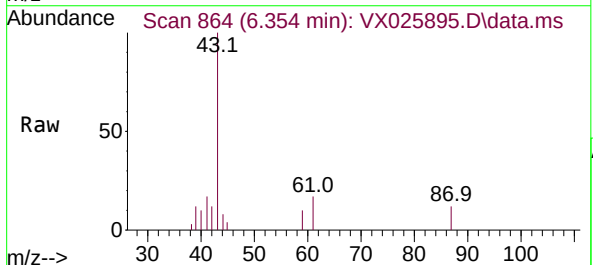


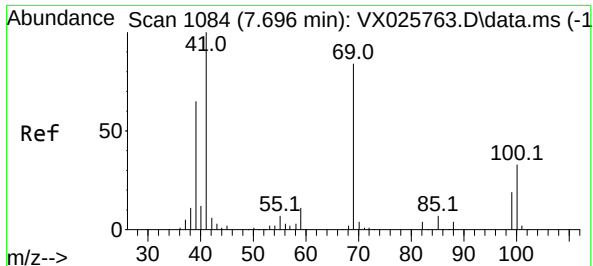
Tgt Ion:117 Resp: 13406
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 2.700 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

Tgt Ion: 43 Resp: 10133
Ion Ratio Lower Upper
43 100
61 18.3 15.7 23.5
87 12.7 11.2 16.8





#48

Methyl methacrylate

Concen: 1.900 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX025895.D

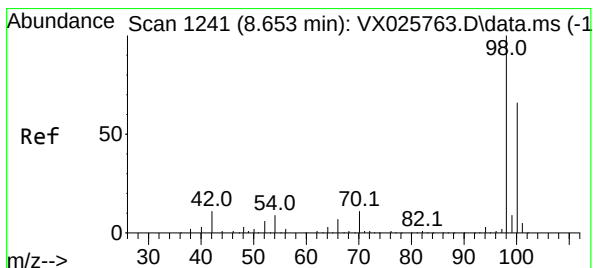
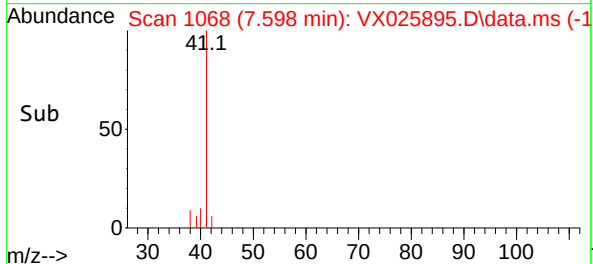
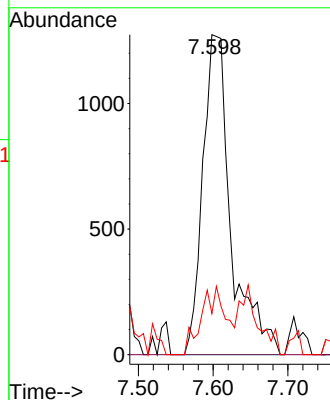
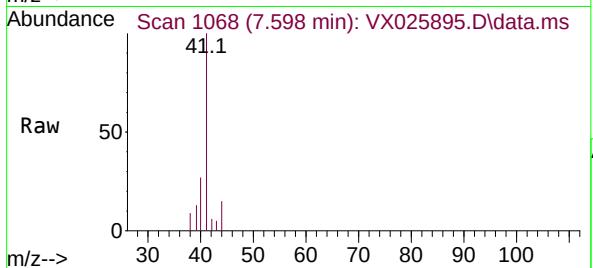
Acq: 17 Dec 2021 19:02

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41	Resp: 3358
Ion Ratio	Lower Upper
41	100
69	0.0 67.3 100.9#
39	0.0 50.2 75.2#



#50

Toluene-d8

Concen: 51.480 ug/l

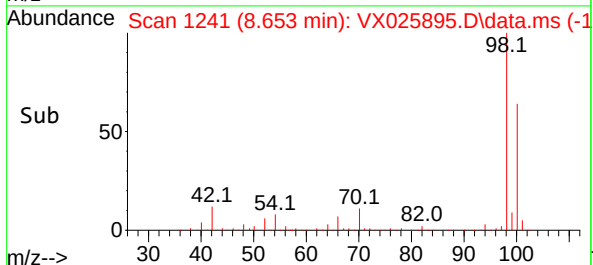
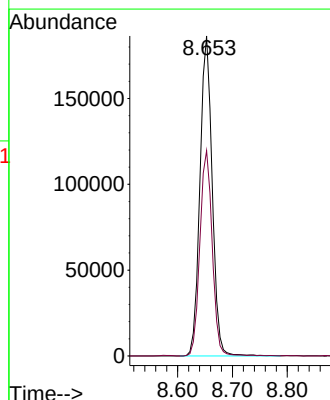
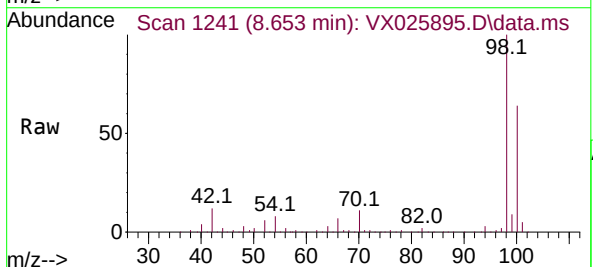
RT: 8.653 min Scan# 1241

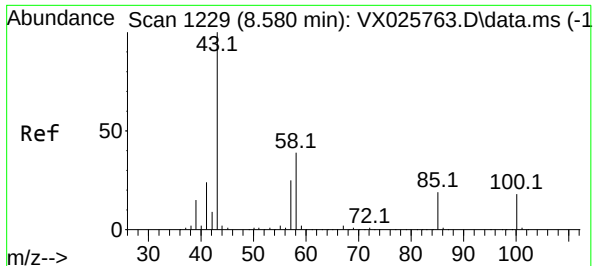
Delta R.T. -0.000 min

Lab File: VX025895.D

Acq: 17 Dec 2021 19:02

Tgt Ion: 98	Resp: 289947
Ion Ratio	Lower Upper
98	100
100	64.8 52.6 78.8

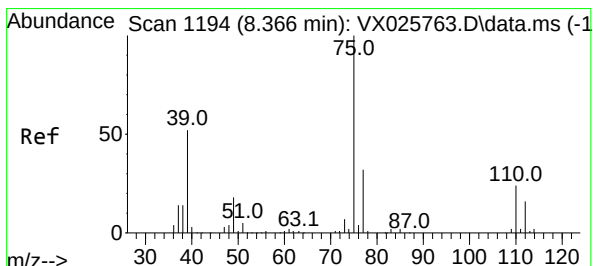
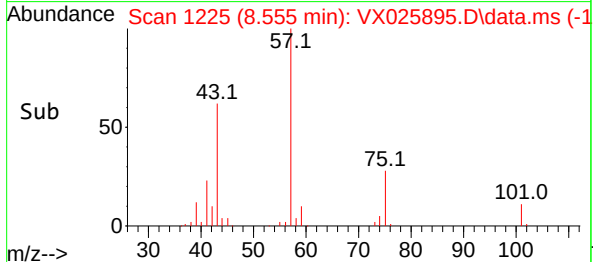
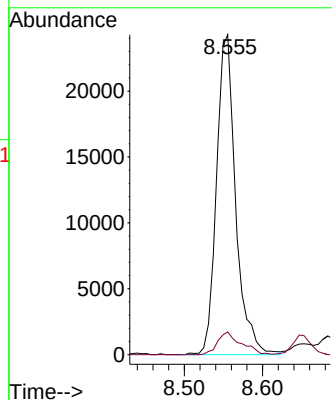
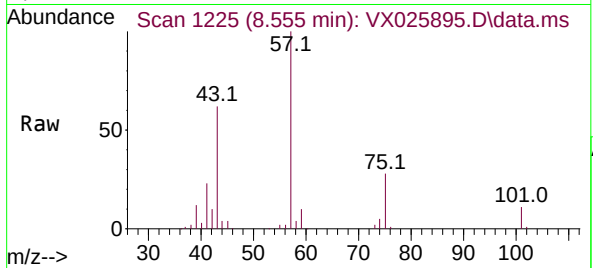




#51
4-Methyl-2-Pentanone
Concen: 16.819 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

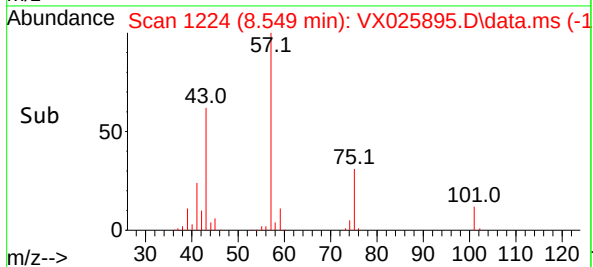
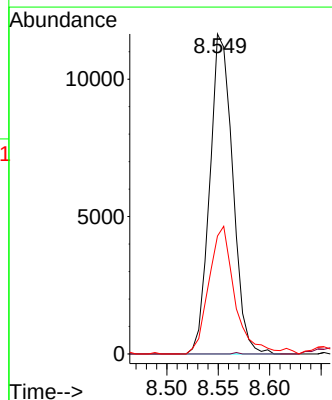
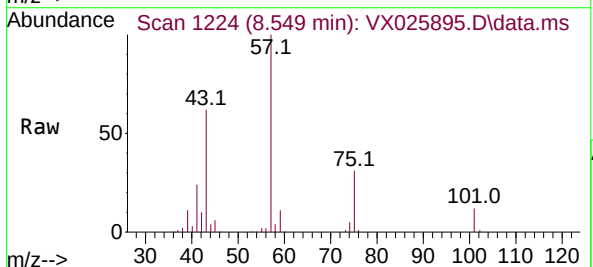
Instrument :
MSVOA_X
ClientSampleId :

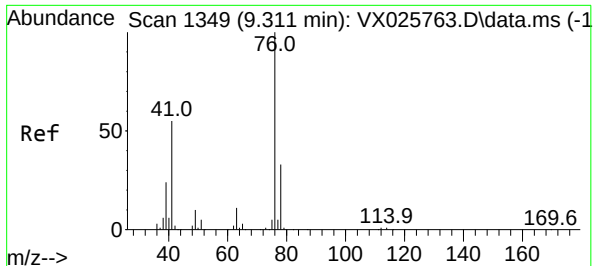
Tgt Ion: 43 Resp: 41314
Ion Ratio Lower Upper
43 100
58 8.8 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 7.161 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

Tgt Ion: 75 Resp: 18063
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 36.9 41.4 62.0#





#57

1,3-Dichloropropane

Concen: 3.118 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX025895.D

Acq: 17 Dec 2021 19:02

Instrument :

MSVOA_X

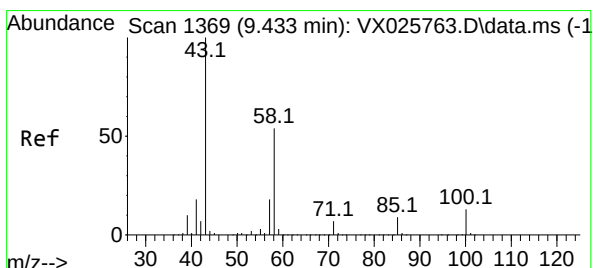
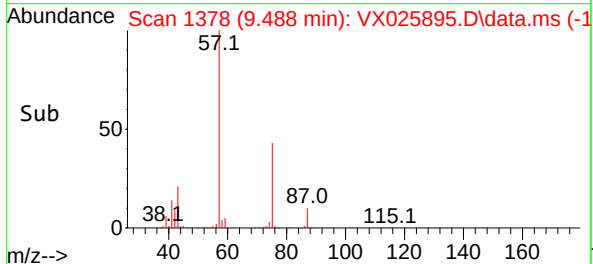
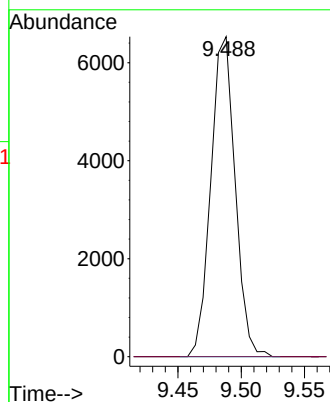
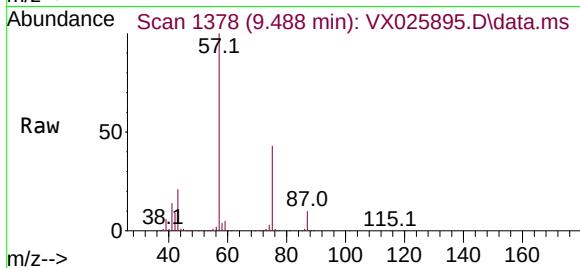
ClientSampleId :

Tgt Ion: 76 Resp: 8738

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 64.936 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX025895.D

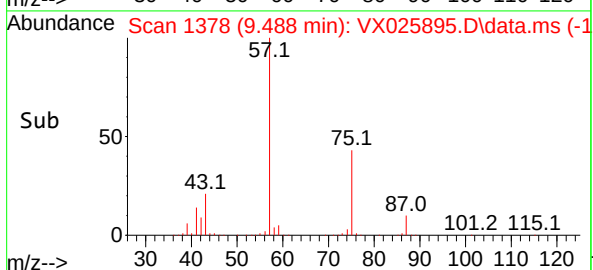
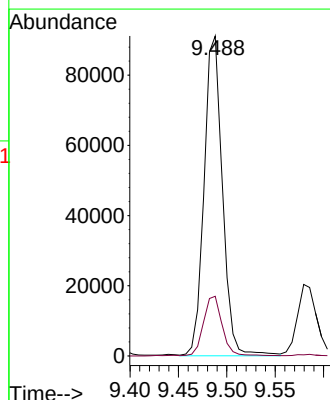
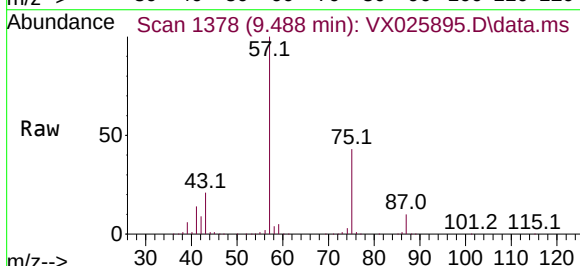
Acq: 17 Dec 2021 19:02

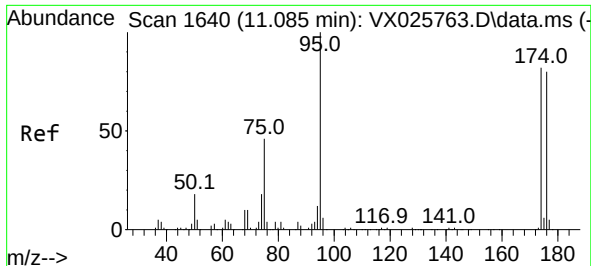
Tgt Ion: 43 Resp: 120855

Ion Ratio Lower Upper

43 100

58 19.3 26.9 80.6#

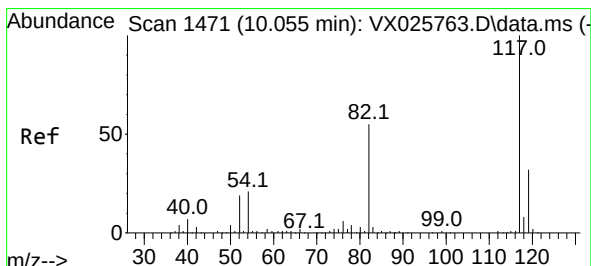
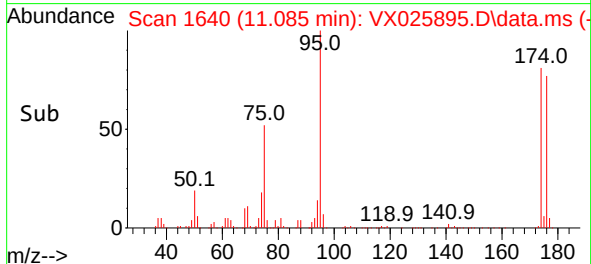
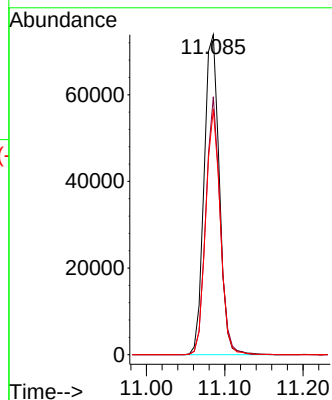
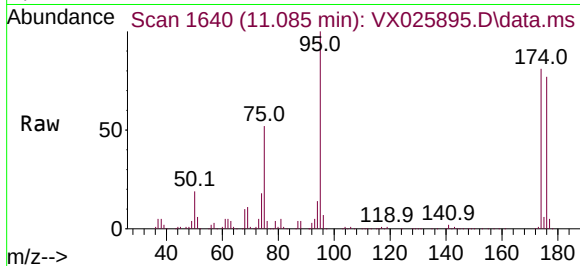




#62
4-Bromofluorobenzene
Concen: 46.533 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

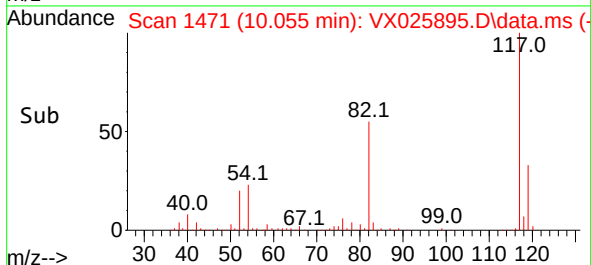
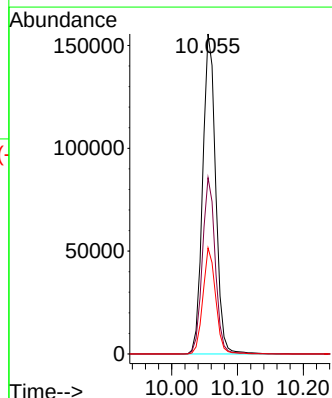
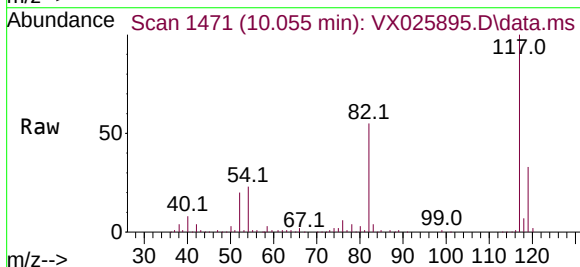
Instrument :
MSVOA_X
ClientSampleId :

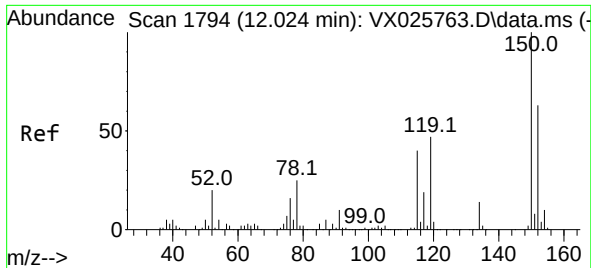
Tgt Ion: 95 Resp: 99557
Ion Ratio Lower Upper
95 100
174 75.7 0.0 157.4
176 73.4 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

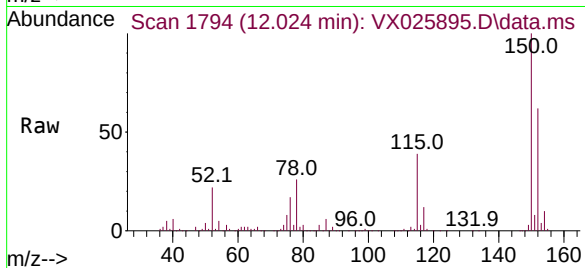
Tgt Ion: 117 Resp: 213834
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.6
119 33.2 25.2 37.8



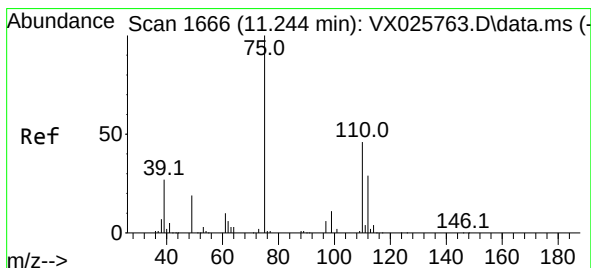
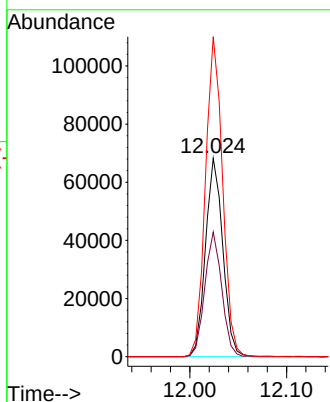
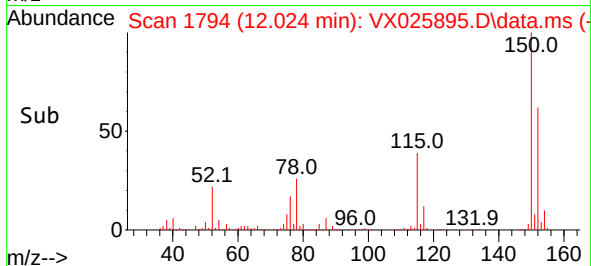


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025895.D
 Acq: 17 Dec 2021 19:02

Instrument :
 MSVOA_X
 ClientSampleId :

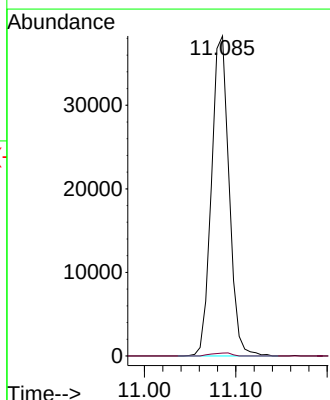
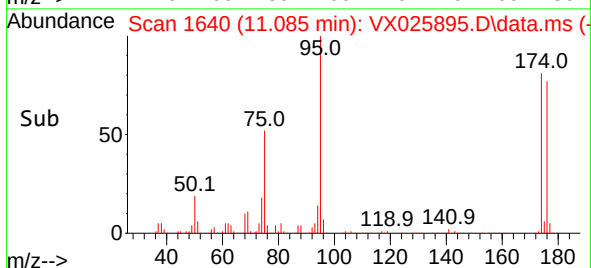
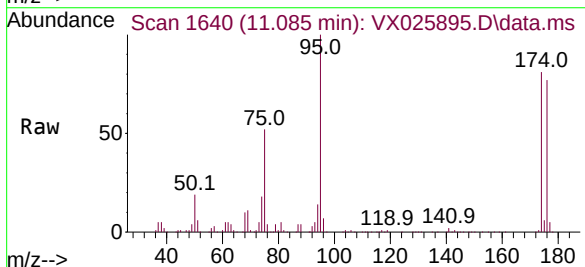


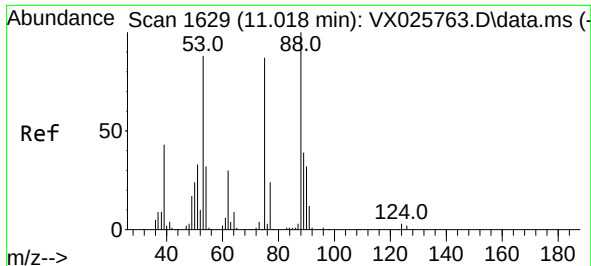
Tgt Ion:152 Resp: 85128
 Ion Ratio Lower Upper
 152 100
 115 61.6 41.3 123.9
 150 159.3 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.253 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX025895.D
 Acq: 17 Dec 2021 19:02

Tgt Ion: 75 Resp: 51204
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.0 57.0#

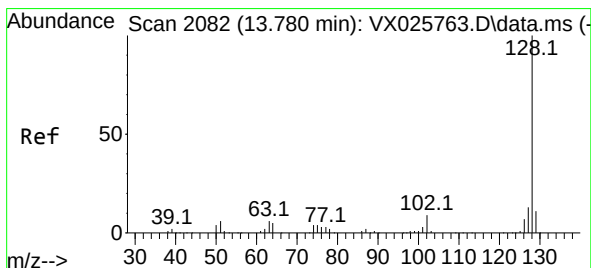
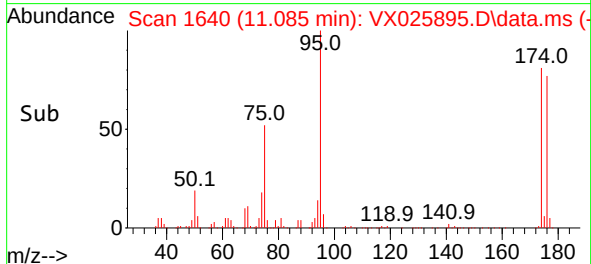
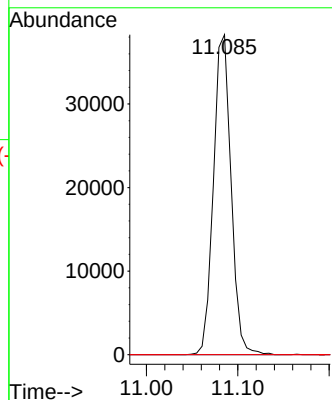
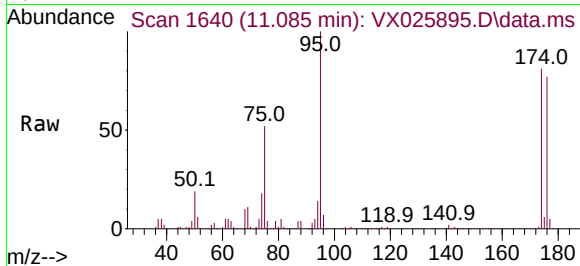




#81
trans-1,4-Dichloro-2-butene
Concen: 81.390 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 51204
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#95
Naphthalene
Concen: 2.465 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025895.D
Acq: 17 Dec 2021 19:02

Tgt Ion: 128 Resp: 326
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

