

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022773.D
 Acq On : 18 Jun 2021 17:45
 Operator : JC/MD
 Sample : M2753-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210616

Quant Time: Jun 19 01:46:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

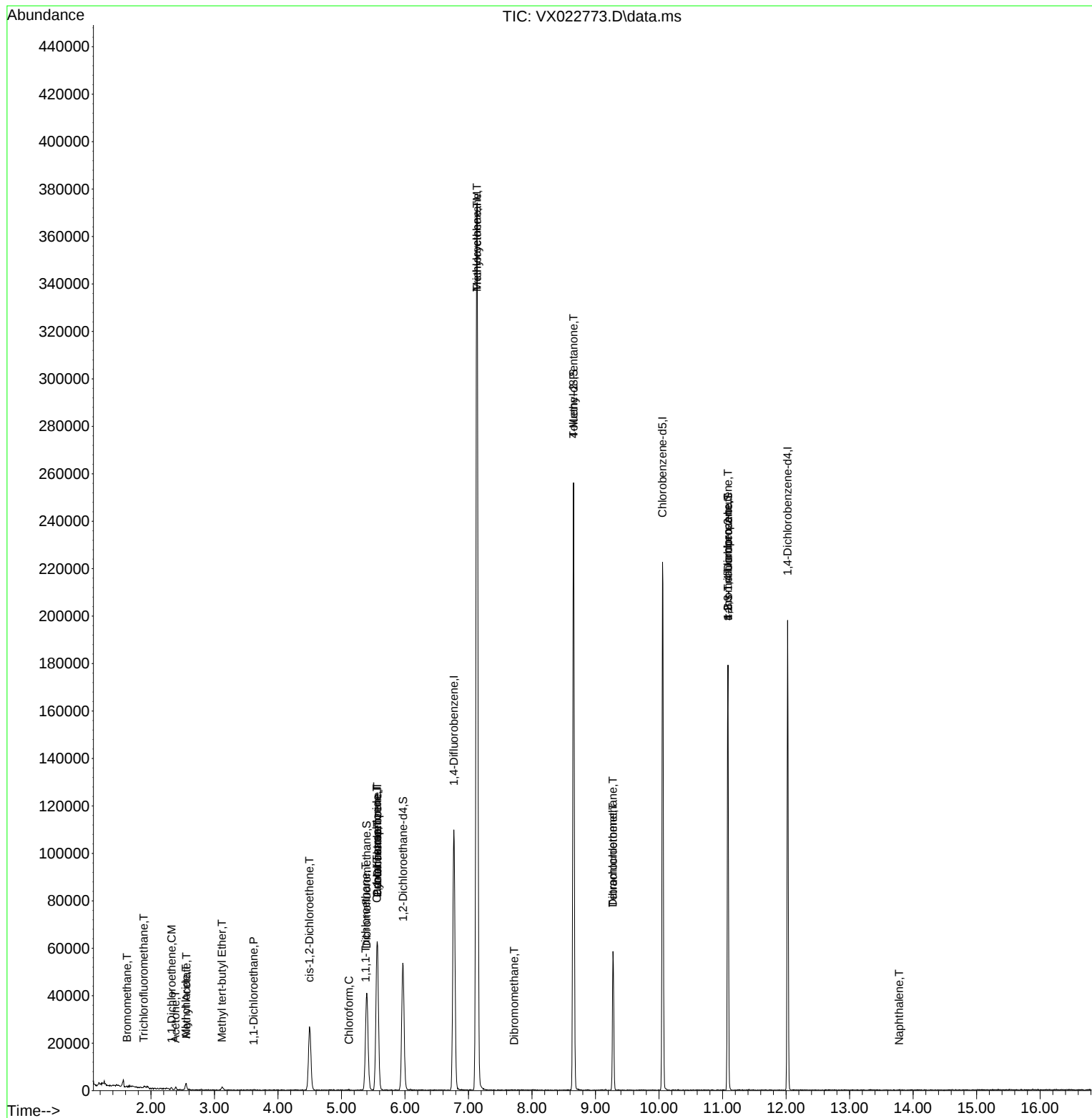
Internal Standards						
1) Pentafluorobenzene	5.562	168	52231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	107116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	51040	54.335	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.660%	
35) Dibromofluoromethane	5.397	113	35459	51.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.760%	
50) Toluene-d8	8.653	98	141843	52.649	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	11.085	95	46577	45.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.420%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	101	0.255	ug/l	# 2
7) Trichlorofluoromethane	1.886	101	256	0.244	ug/l	# 17
12) 1,1-Dichloroethene	2.325	96	315	0.497	ug/l	# 47
14) Allyl chloride	2.550	41	286	0.233	ug/l	# 1
16) Acetone	2.386	43	1093	2.599	ug/l	# 82
18) Methyl Acetate	2.556	43	1019	0.805	ug/l	# 47
19) Methyl tert-butyl Ether	3.117	73	1375	0.625	ug/l	93
20) Methylene Chloride	2.794	84	110	Below Cal	#	81
24) 1,1-Dichloroethane	3.617	63	409	0.291	ug/l	# 81
27) cis-1,2-Dichloroethene	4.495	96	15927	18.604	ug/l	95
30) Chloroform	5.117	83	295	0.210	ug/l	98
31) Cyclohexane	5.562	56	1620	1.430	ug/l	# 36
32) 1,1,1-Trichloroethane	5.379	97	66	0.961	ug/l	# 24
36) 1,1-Dichloropropene	5.562	75	5525	5.177	ug/l	# 43
38) Carbon Tetrachloride	5.556	117	6115	6.698	ug/l	# 18
39) Methylcyclohexane	7.135	83	1773	1.592	ug/l	# 1
44) Trichloroethene	7.135	130	130175	174.640	ug/l	94
46) Dibromomethane	7.720	93	22	1.383	ug/l	# 2
51) 4-Methyl-2-Pentanone	8.653	43	729	0.536	ug/l	# 1
60) Dibromochloromethane	9.275	129	10103	15.083	ug/l	# 11
64) Tetrachloroethene	9.275	164	9204	15.462	ug/l	# 85
76) 1,2,3-Trichloropropane	11.085	75	26505	28.957	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26505	71.961	ug/l	# 12
95) Naphthalene	13.780	128	29	1.484	ug/l	# 69

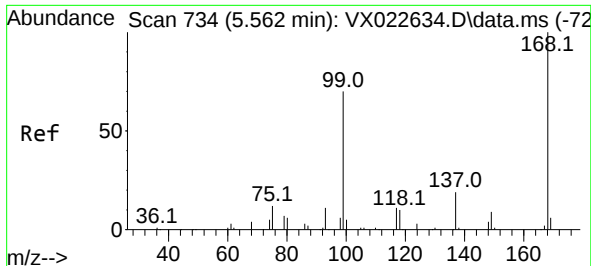
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616

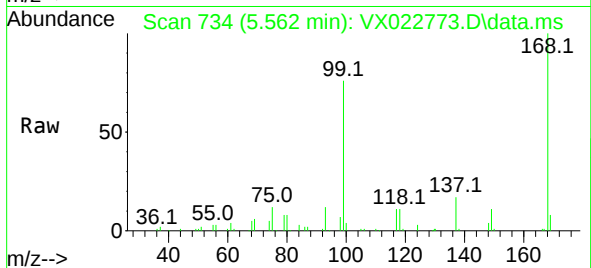
Quant Time: Jun 19 01:46:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



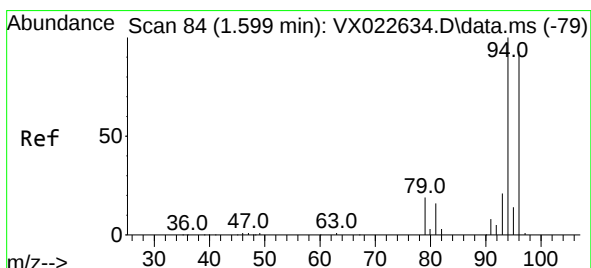
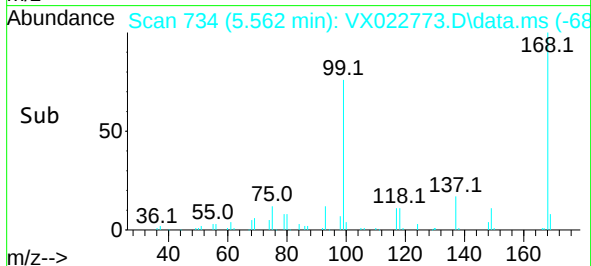
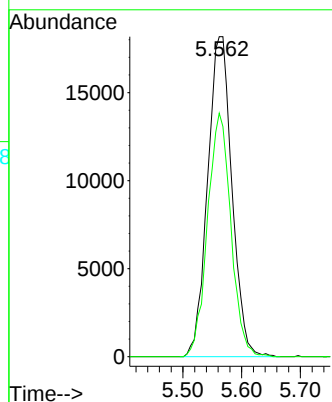


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616

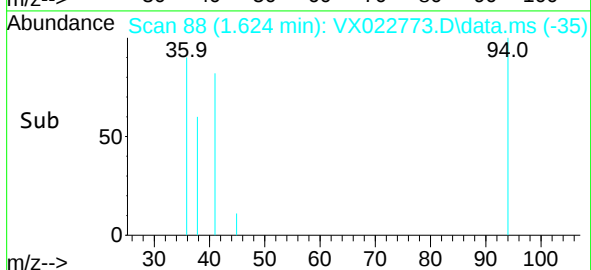
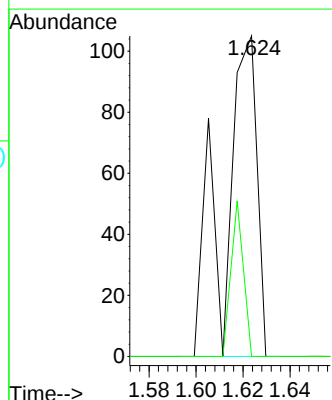
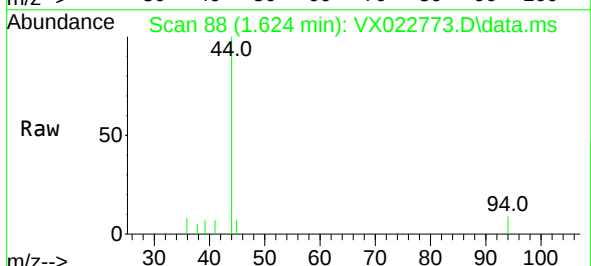


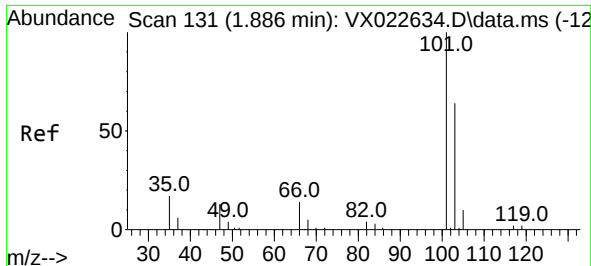
Tgt Ion:168 Resp: 52231
Ion Ratio Lower Upper
168 100
99 76.1 45.8 68.6#



#5
Bromomethane
Concen: 0.255 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Tgt Ion: 94 Resp: 101
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

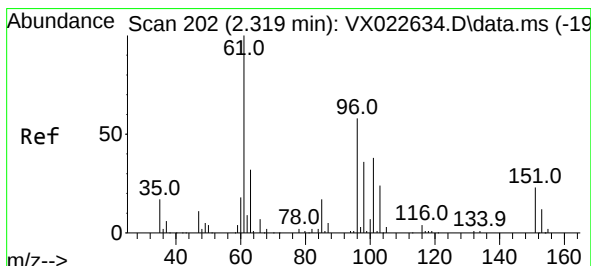
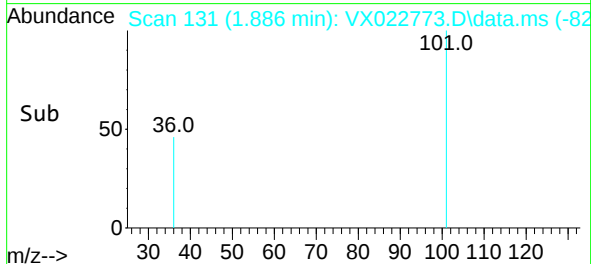
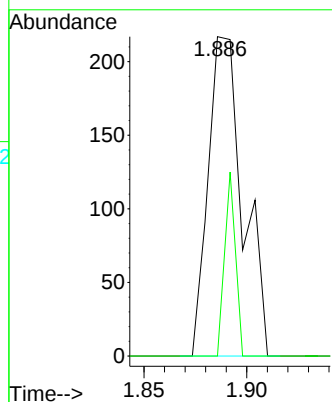
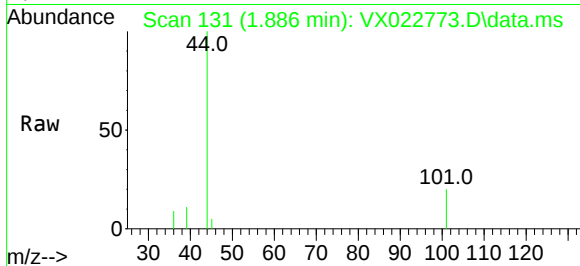




#7
 Trichlorofluoromethane
 Concen: 0.244 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX022773.D
 Acq: 18 Jun 2021 17:45

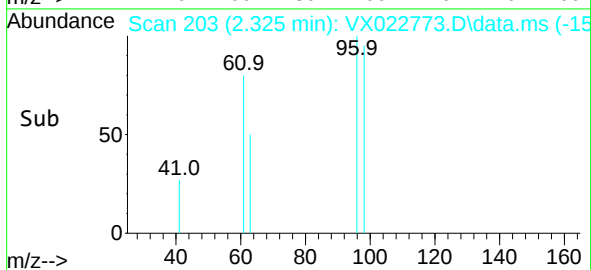
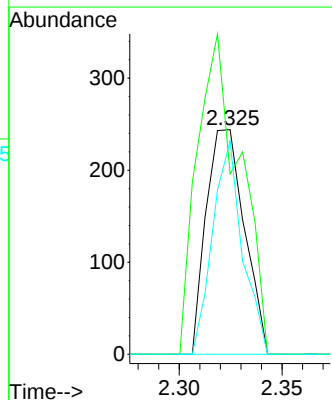
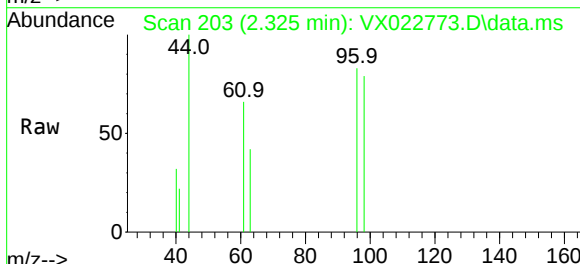
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210616

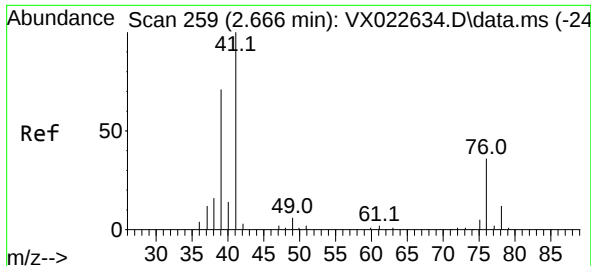
Tgt Ion:101 Resp: 256
 Ion Ratio Lower Upper
 101 100
 103 0.0 53.2 79.8#



#12
 1,1-Dichloroethene
 Concen: 0.497 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX022773.D
 Acq: 18 Jun 2021 17:45

Tgt Ion: 96 Resp: 315
 Ion Ratio Lower Upper
 96 100
 61 80.3 124.6 187.0#
 98 95.1 50.6 76.0#

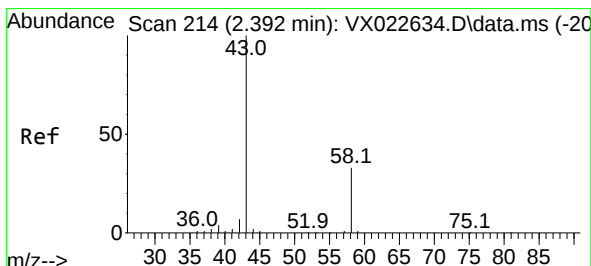
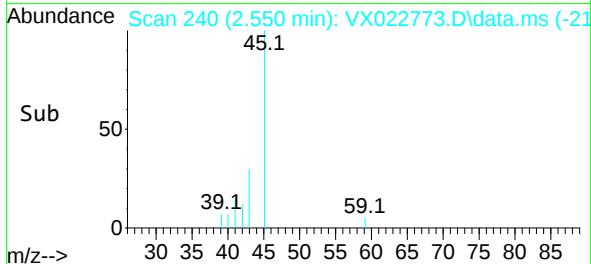
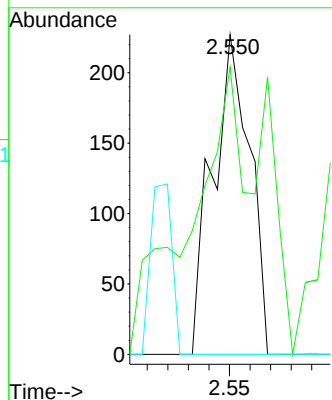
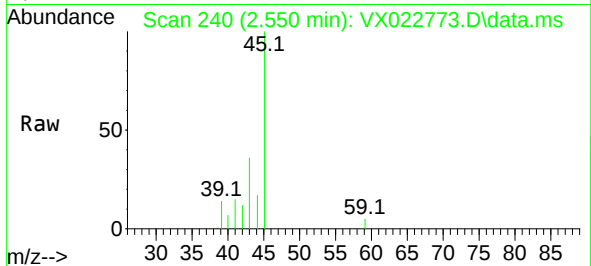




#14
 Allyl chloride
 Concen: 0.233 ug/l
 RT: 2.550 min Scan# 240
 Delta R.T. -0.116 min
 Lab File: VX022773.D
 Acq: 18 Jun 2021 17:45

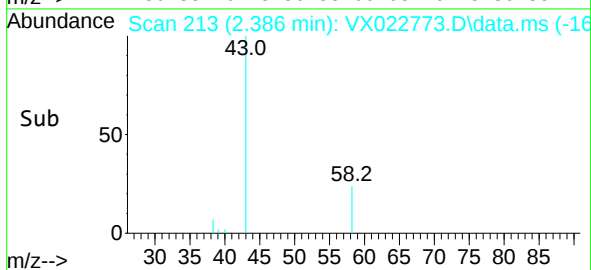
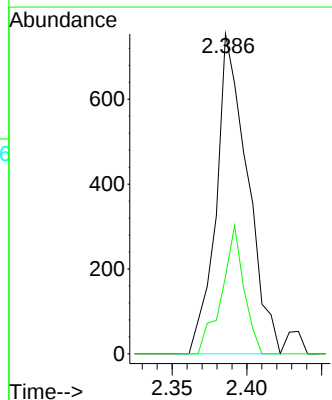
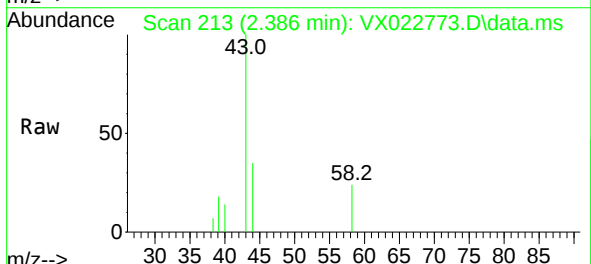
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210616

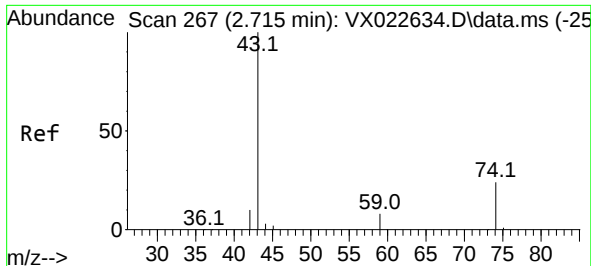
Tgt Ion: 41	Resp: 286
Ion Ratio	Lower Upper
41 100	
39 173.4	51.6 77.4#
76 0.0	30.5 45.7#



#16
 Acetone
 Concen: 2.599 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX022773.D
 Acq: 18 Jun 2021 17:45

Tgt Ion: 43	Resp: 1093
Ion Ratio	Lower Upper
43 100	
58 24.1	27.8 41.8#

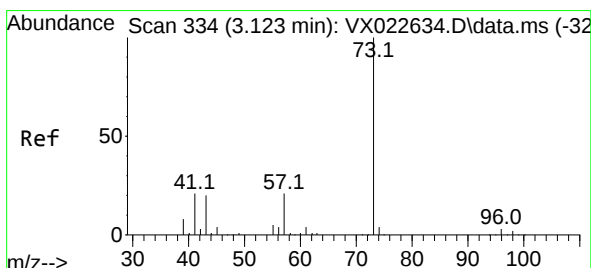
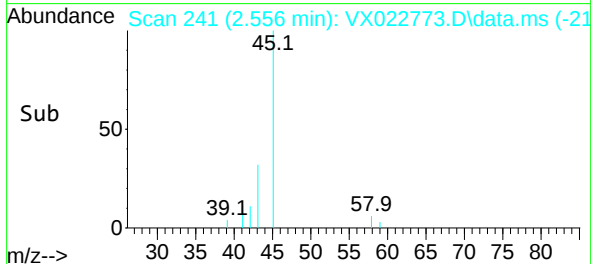
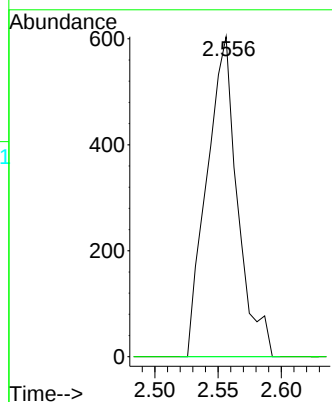
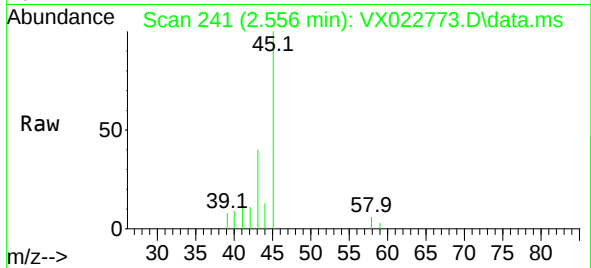




#18
Methyl Acetate
Concen: 0.805 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.153 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

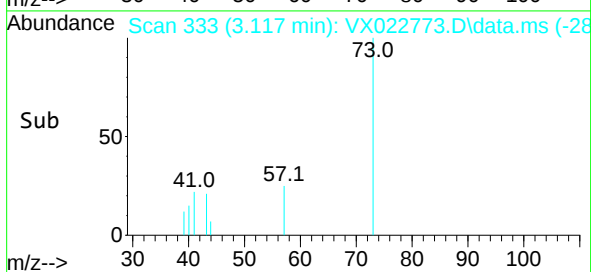
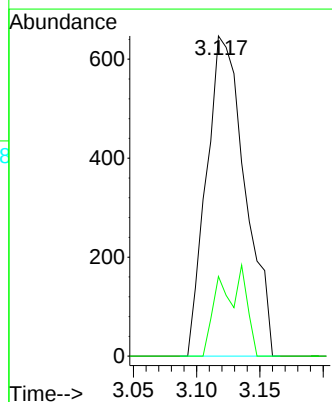
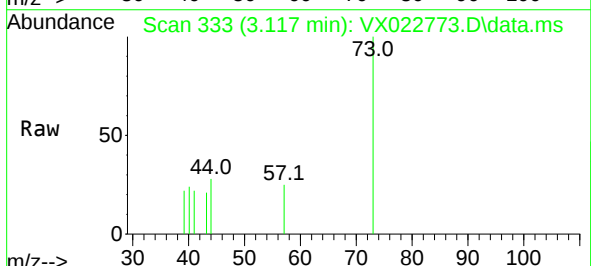
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616

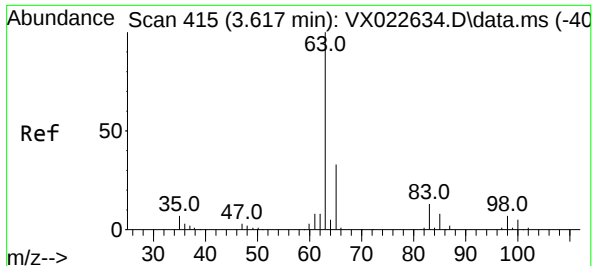
Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 0.625 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Tgt Ion: 73 Resp: 1375
Ion Ratio Lower Upper
73 100
57 24.9 17.1 25.7

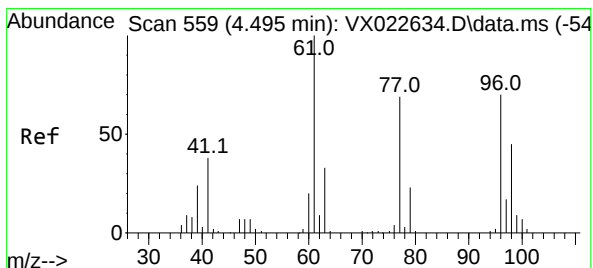
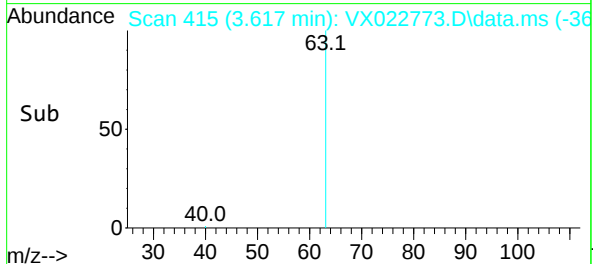
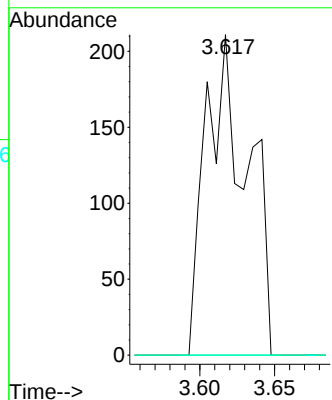
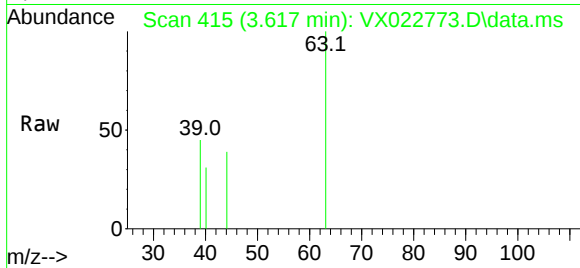




#24
1,1-Dichloroethane
Concen: 0.291 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

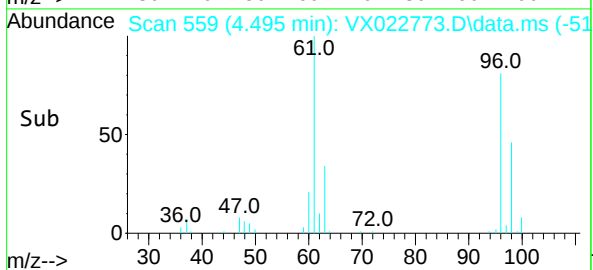
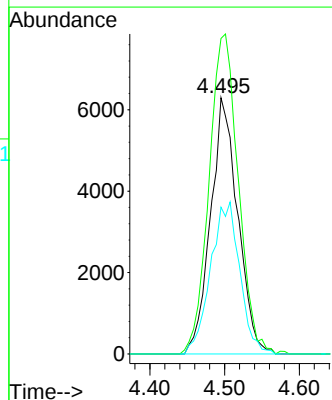
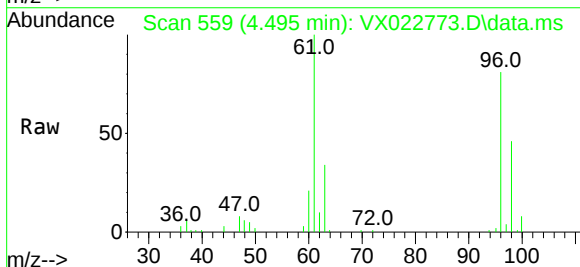
Instrument :
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ClientSampleId :
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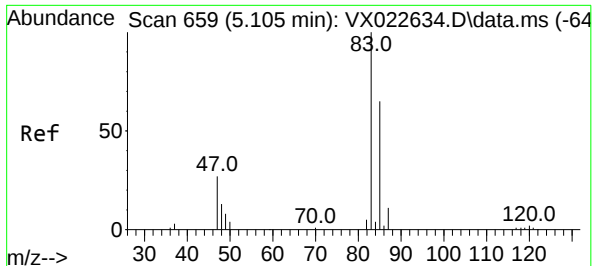
Tgt Ion: 63 Resp: 409
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 18.604 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Tgt Ion: 96 Resp: 15927
Ion Ratio Lower Upper
96 100
61 134.4 0.0 285.6
98 63.6 0.0 129.6





#30

Chloroform

Concen: 0.210 ug/l

RT: 5.117 min Scan# 661

Delta R.T. 0.012 min

Lab File: VX022773.D

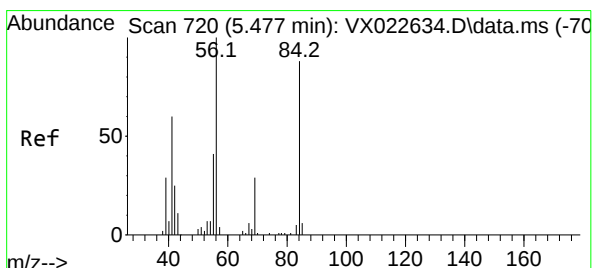
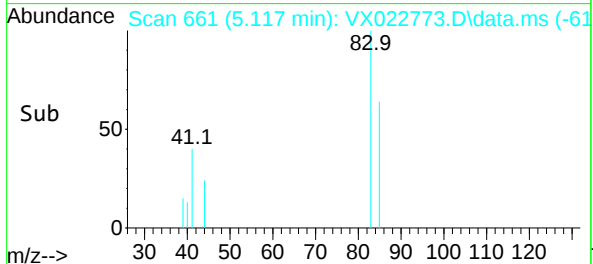
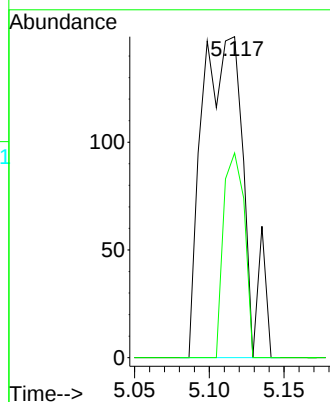
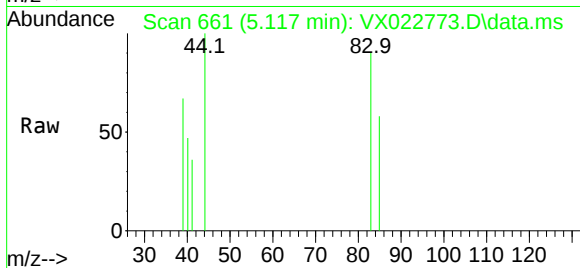
Acq: 18 Jun 2021 17:45

Tgt Ion: 83 Resp: 295

Ion Ratio Lower Upper

83 100

85 63.8 52.0 78.0



#31

Cyclohexane

Concen: 1.430 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX022773.D

Acq: 18 Jun 2021 17:45

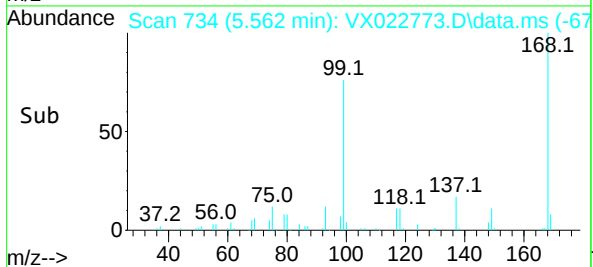
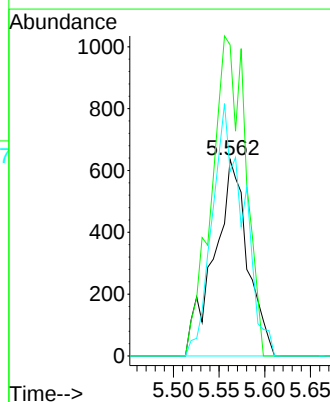
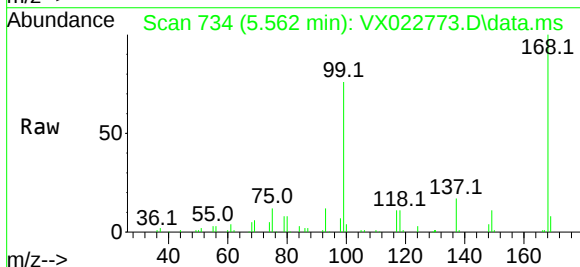
Tgt Ion: 56 Resp: 1620

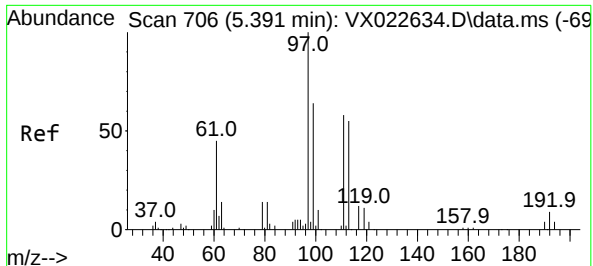
Ion Ratio Lower Upper

56 100

69 158.4 25.3 37.9#

84 94.0 71.4 107.0



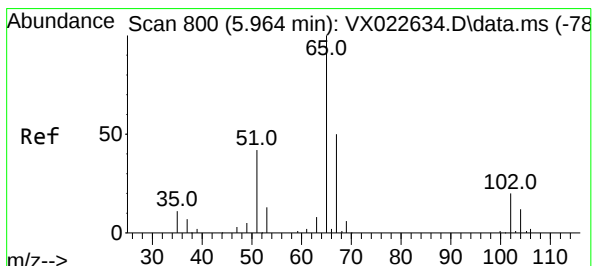
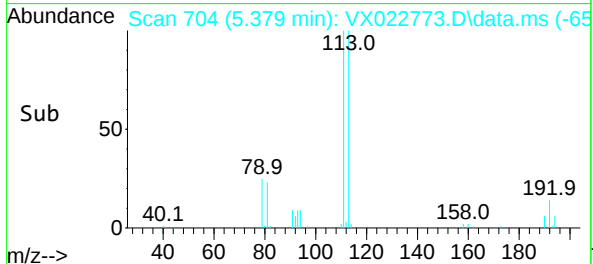
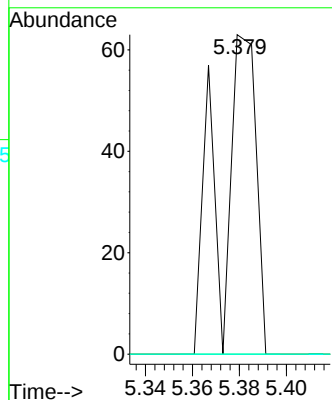
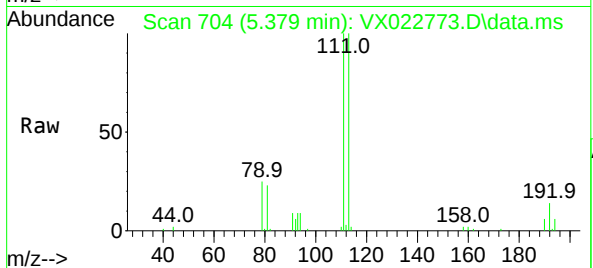


#32

1,1,1-Trichloroethane
Concen: 0.961 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616

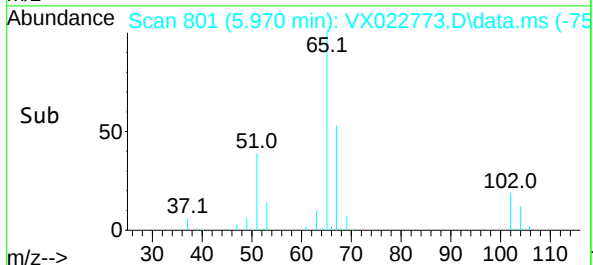
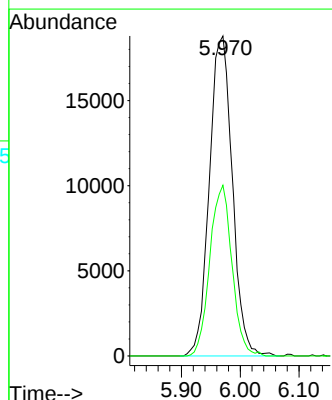
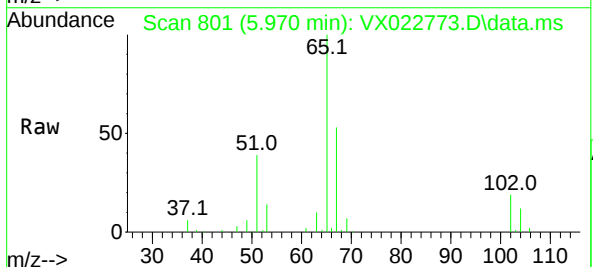
Tgt Ion: 97 Resp: 66
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 0.0 34.2 51.4#

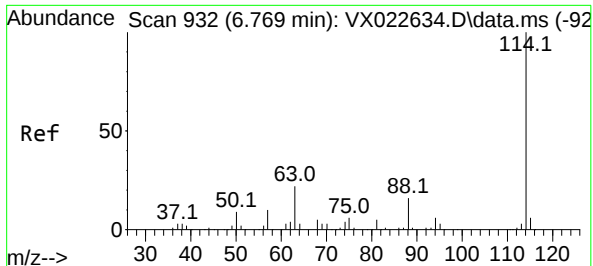


#33

1,2-Dichloroethane-d4
Concen: 54.335 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Tgt Ion: 65 Resp: 51040
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

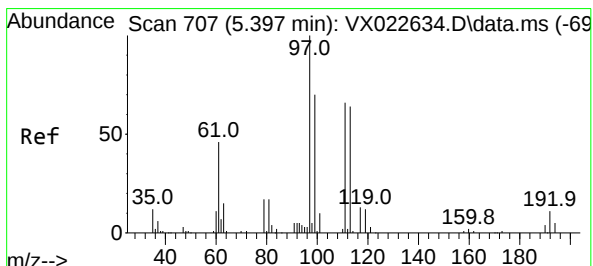
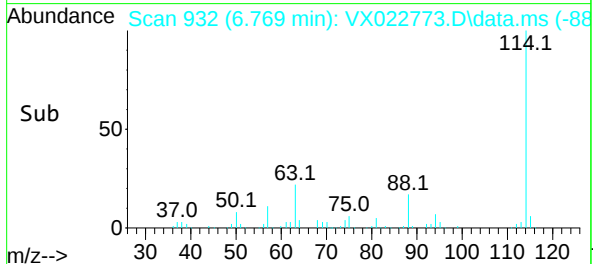
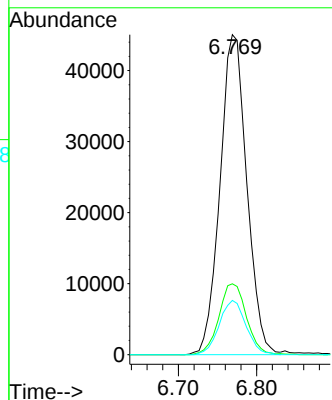
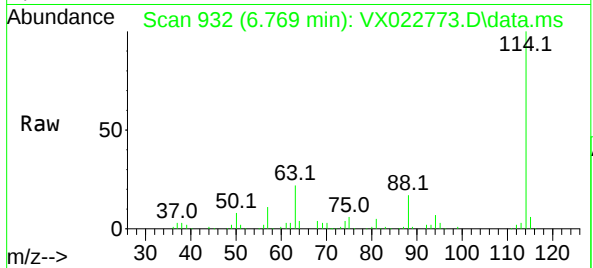




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

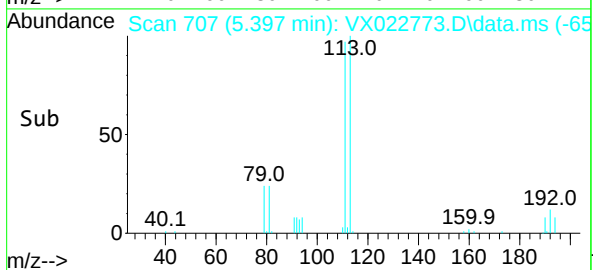
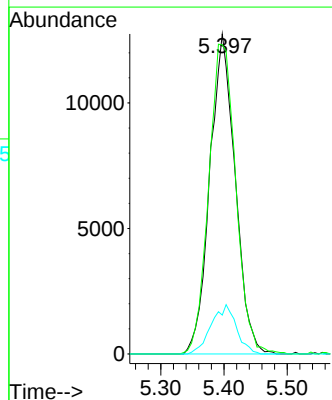
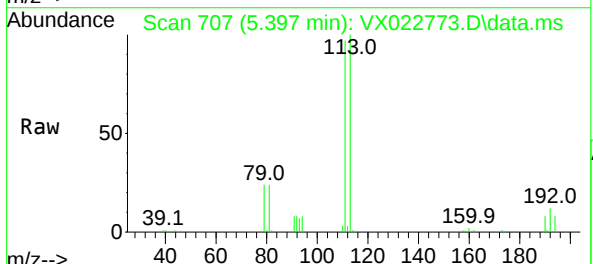
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616

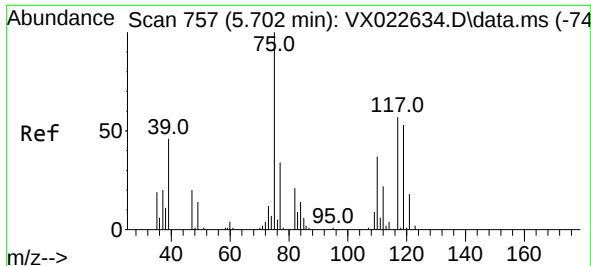
Tgt Ion:114 Resp: 107116
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.884 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

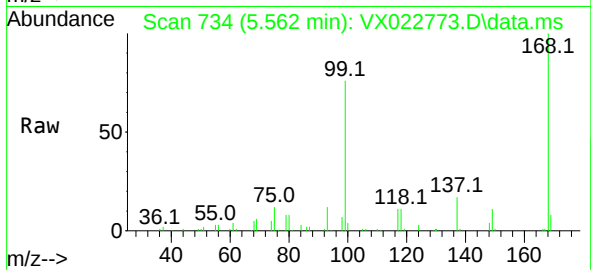
Tgt Ion:113 Resp: 35459
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 15.3 16.7 25.1#



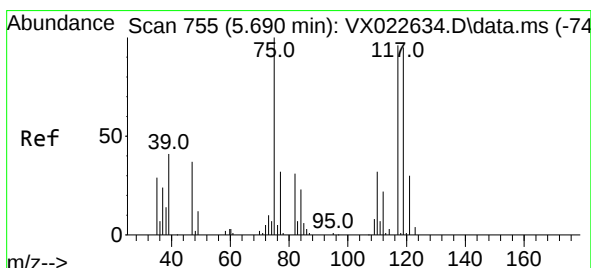
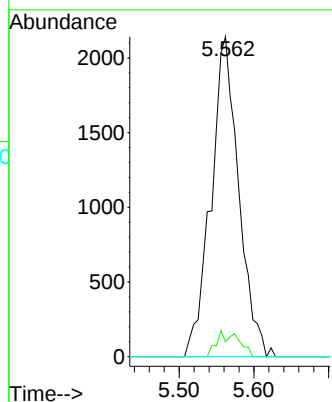
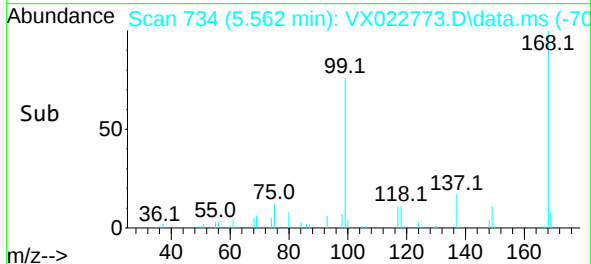


#36
1,1-Dichloropropene
Concen: 5.177 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

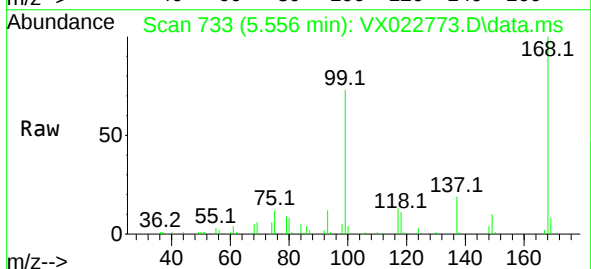
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616



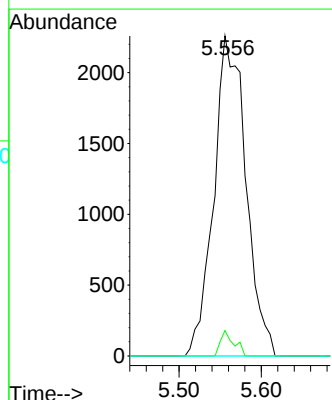
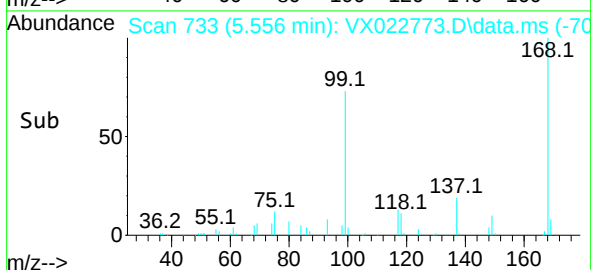
Tgt Ion: 75 Resp: 5525
Ion Ratio Lower Upper
75 100
110 2.8 18.1 54.4#
77 0.0 25.3 37.9#

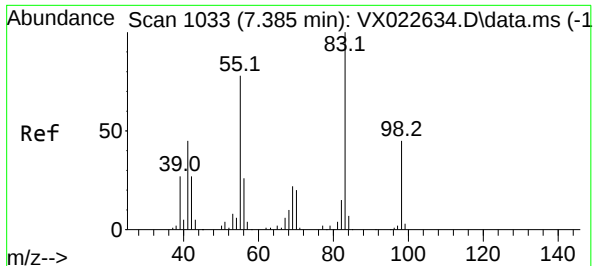


#38
Carbon Tetrachloride
Concen: 6.698 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45



Tgt Ion: 117 Resp: 6115
Ion Ratio Lower Upper
117 100
119 7.9 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.592 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX022773.D

Acq: 18 Jun 2021 17:45

Tgt Ion: 83 Resp: 1773

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

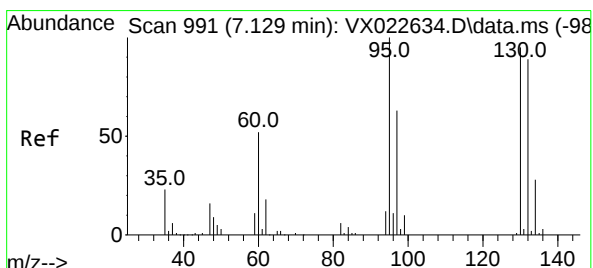
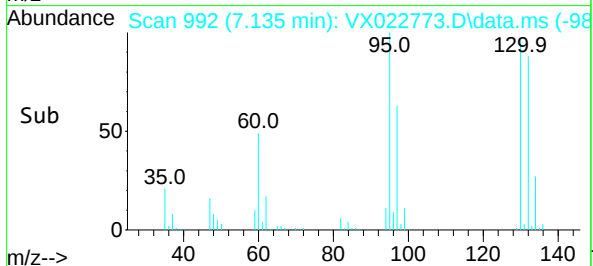
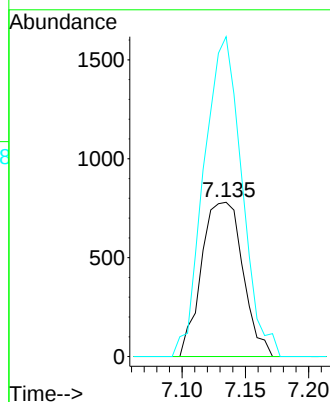
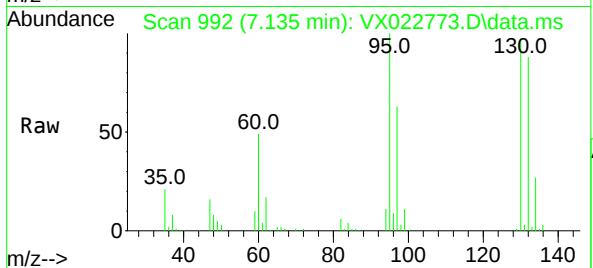
98 207.3 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20210616



#44

Trichloroethene

Concen: 174.640 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022773.D

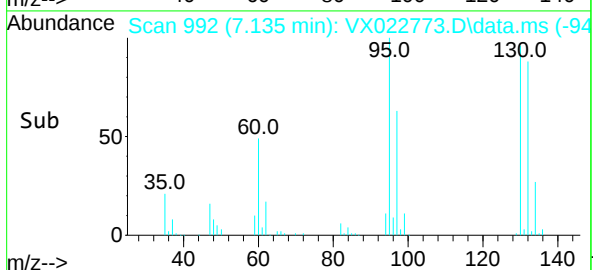
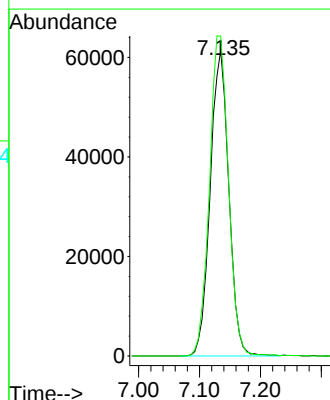
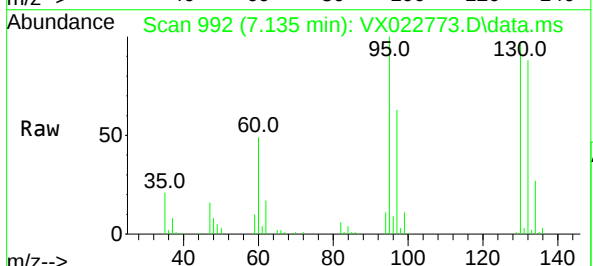
Acq: 18 Jun 2021 17:45

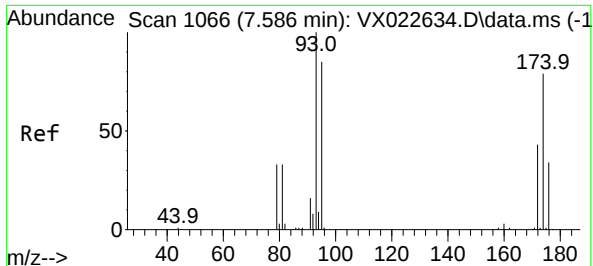
Tgt Ion:130 Resp: 130175

Ion Ratio Lower Upper

130 100

95 104.6 0.0 198.0

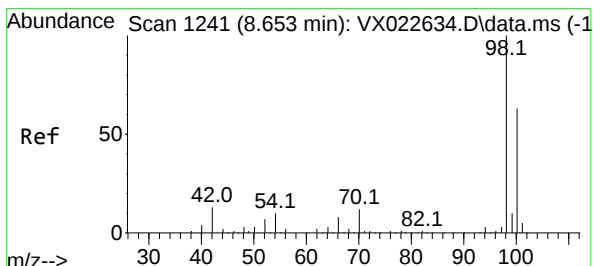
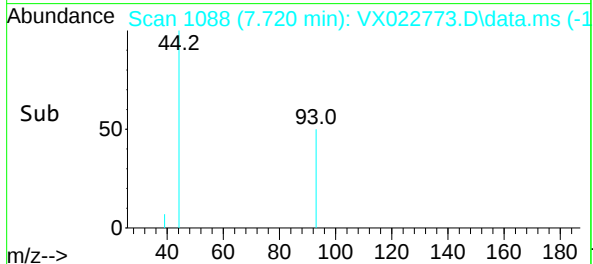
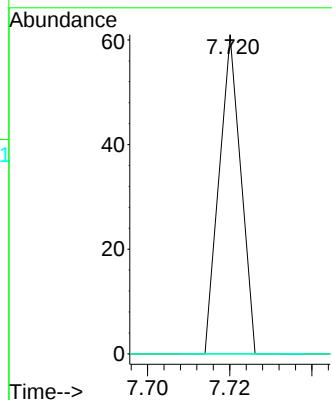
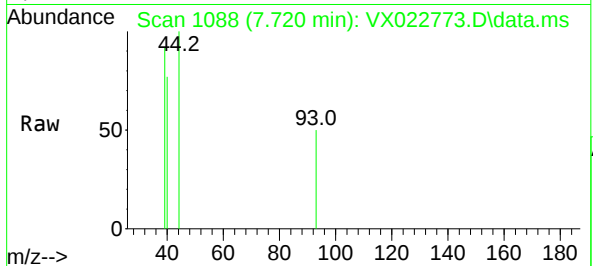




#46
Dibromomethane
Concen: 1.383 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.134 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

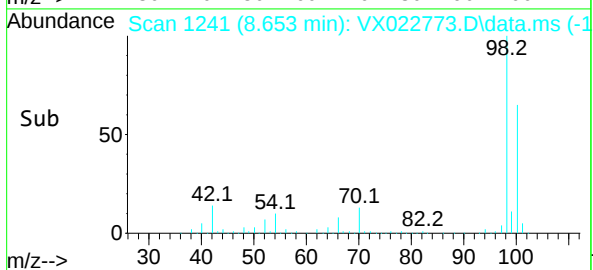
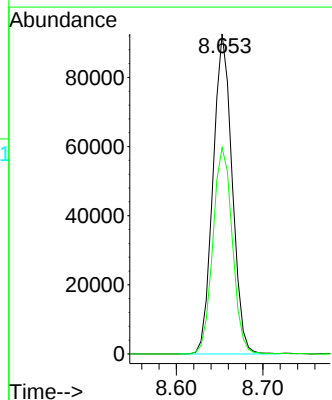
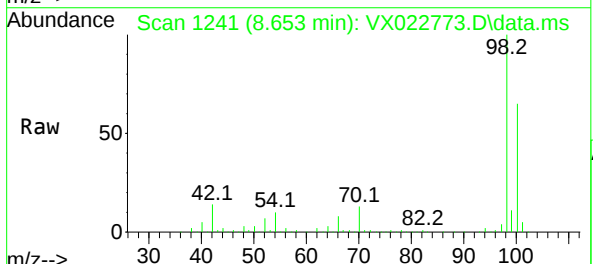
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616

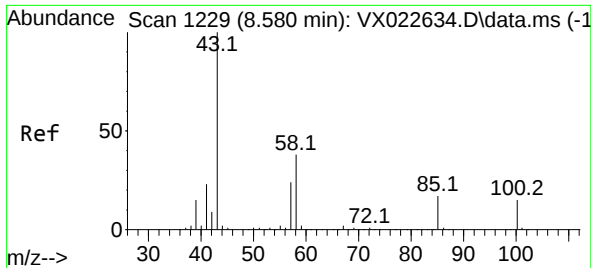
Tgt Ion: 93 Resp: 22
Ion Ratio Lower Upper
93 100
95 0.0 66.8 100.2#
174 0.0 83.1 124.7#



#50
Toluene-d8
Concen: 52.649 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Tgt Ion: 98 Resp: 141843
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

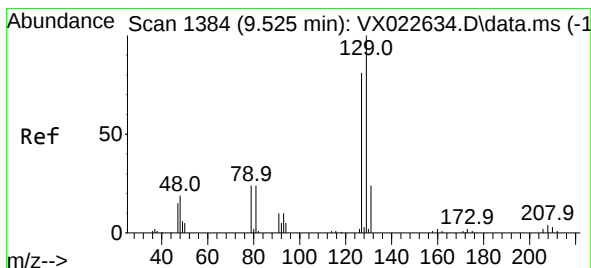
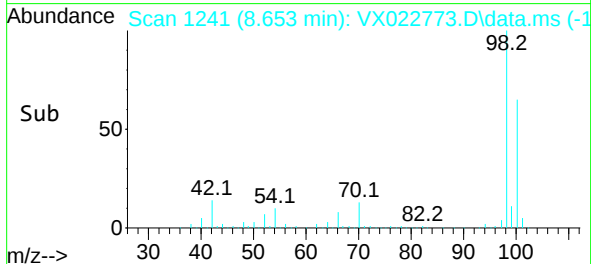
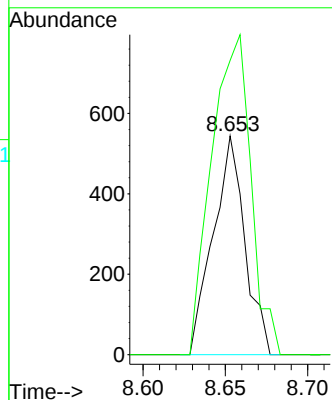
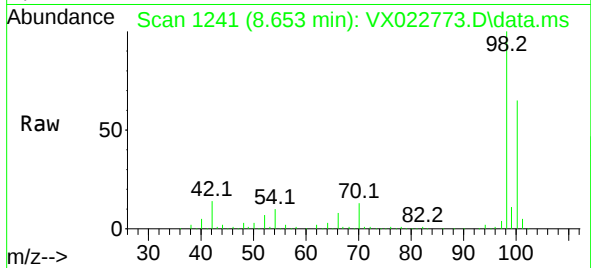




#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

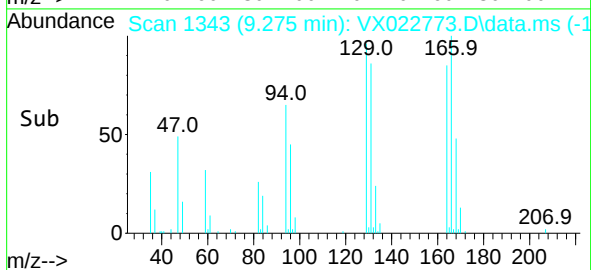
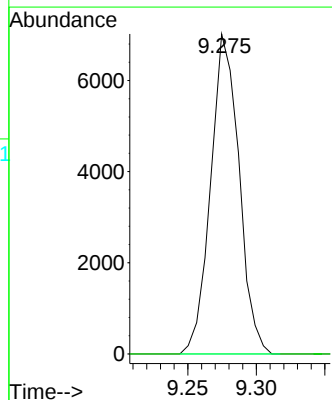
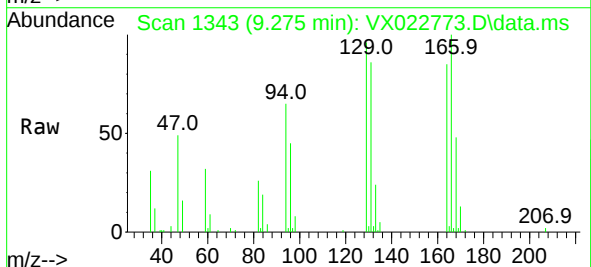
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616

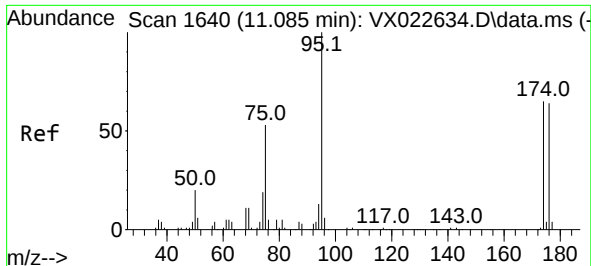
Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 181.2 35.4 53.0#



#60
Dibromochloromethane
Concen: 15.083 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Tgt Ion: 129 Resp: 10103
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

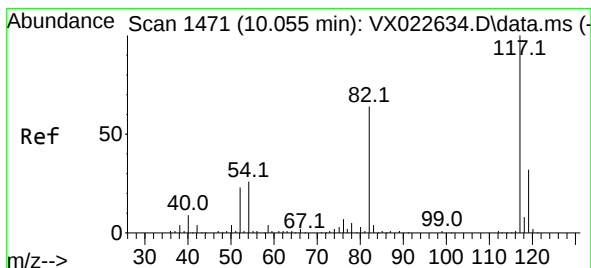
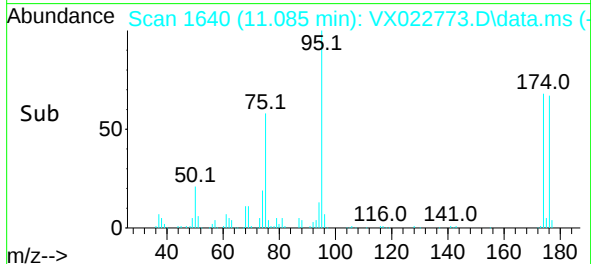
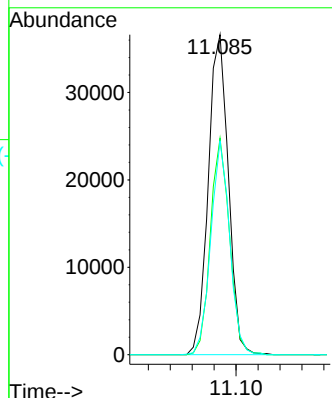
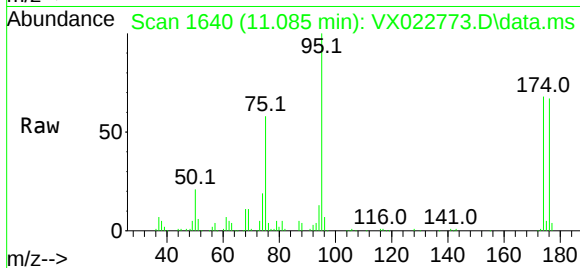




#62
4-Bromofluorobenzene
Concen: 45.712 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

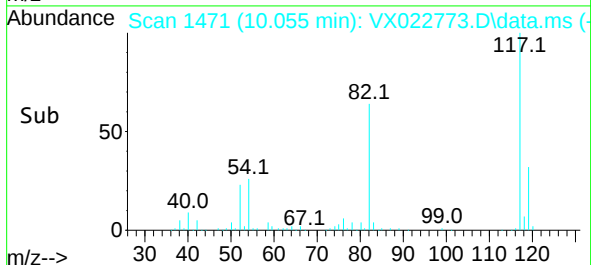
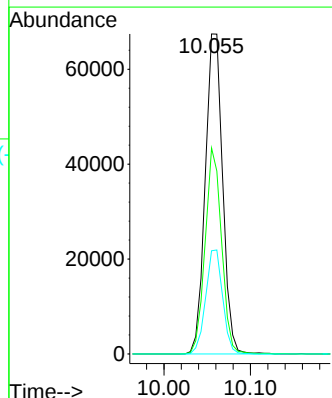
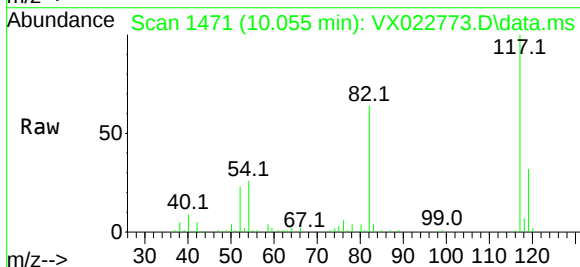
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616

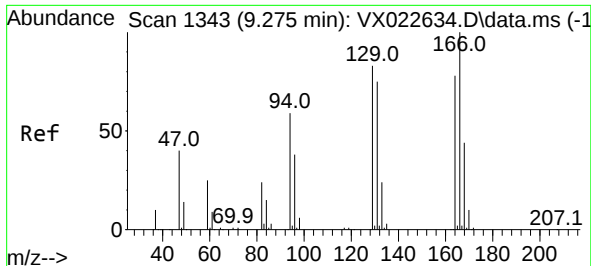
Tgt Ion: 95 Resp: 46577
Ion Ratio Lower Upper
95 100
174 64.3 0.0 154.6
176 62.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

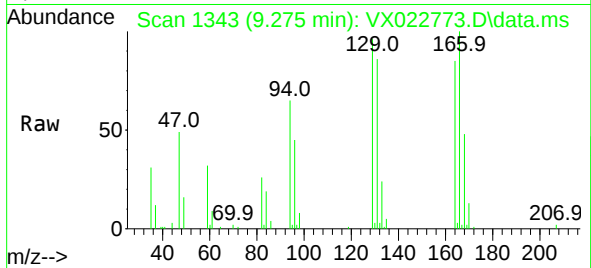
Tgt Ion: 117 Resp: 94131
Ion Ratio Lower Upper
117 100
82 64.3 47.4 71.2
119 32.2 26.6 39.8



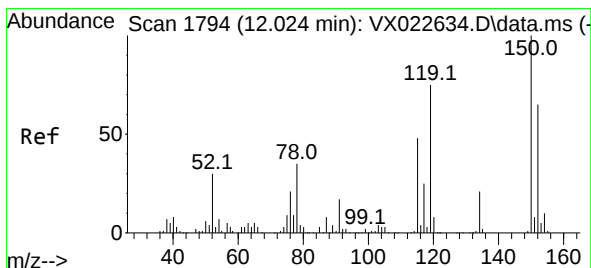
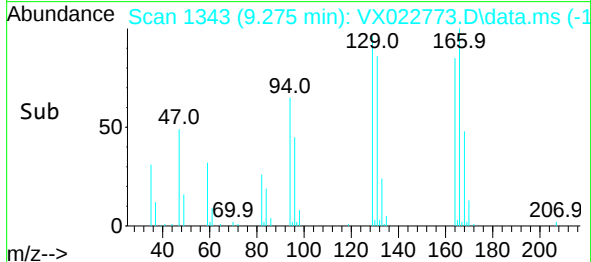
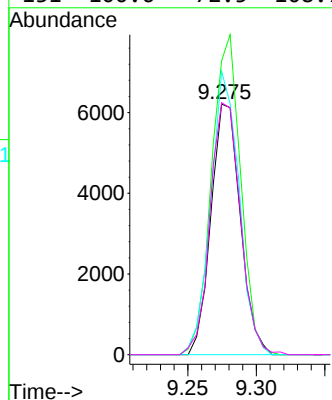


#64
Tetrachloroethene
Concen: 15.462 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616

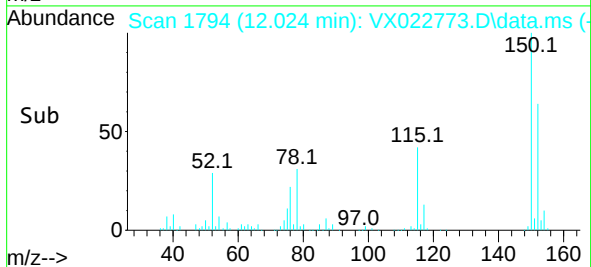
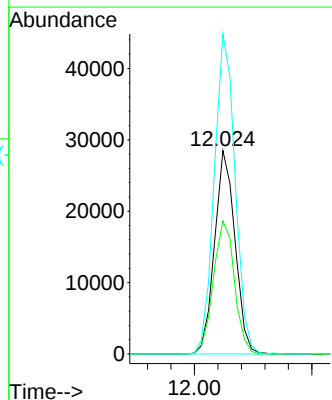
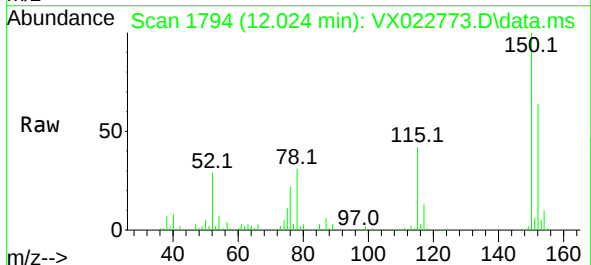


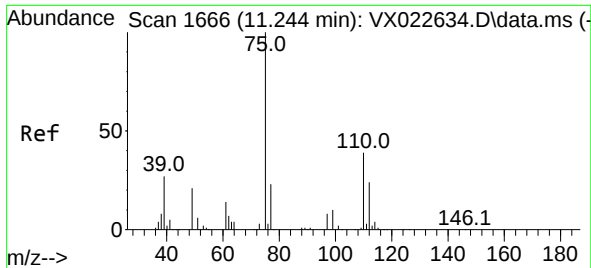
Tgt Ion:	164	Resp:	9204
Ion	Ratio	Lower	Upper
164	100		
166	117.4	103.4	155.2
129	113.0	70.8	106.2#
131	100.6	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Tgt Ion:	152	Resp:	34522
Ion	Ratio	Lower	Upper
152	100		
115	67.3	41.1	123.3
150	159.9	0.0	349.0

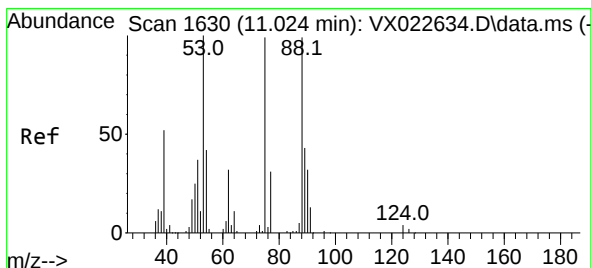
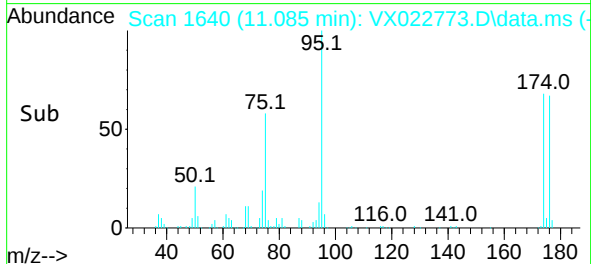
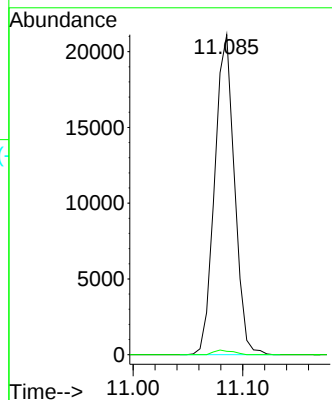
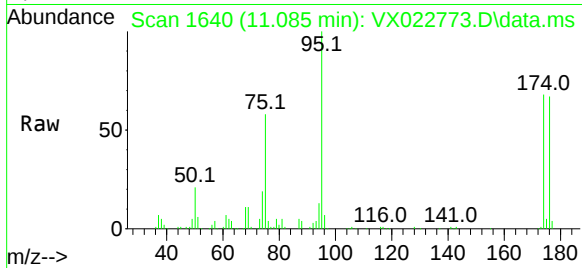




#76
1,2,3-Trichloropropane
Concen: 28.957 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

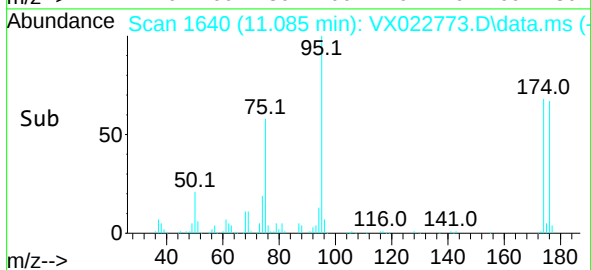
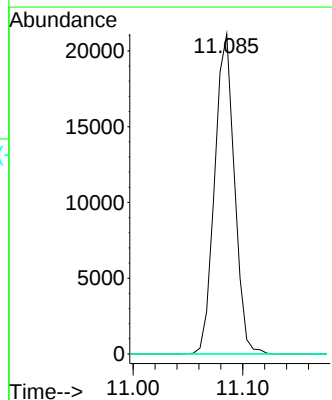
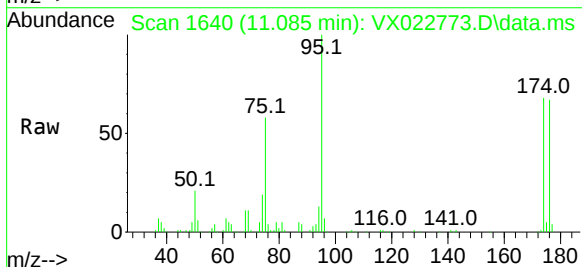
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616

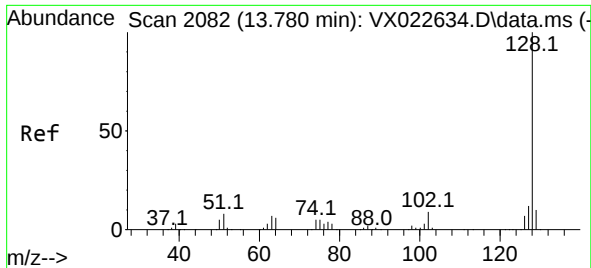
Tgt Ion: 75 Resp: 26505
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.961 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Tgt Ion: 75 Resp: 26505
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.484 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022773.D
Acq: 18 Jun 2021 17:45

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210616

Tgt Ion:128 Resp: 29
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

