

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030792.D
 Acq On : 26 Aug 2022 00:15
 Operator : JC/MD
 Sample : N4245-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220816

Quant Time: Aug 26 02:43:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

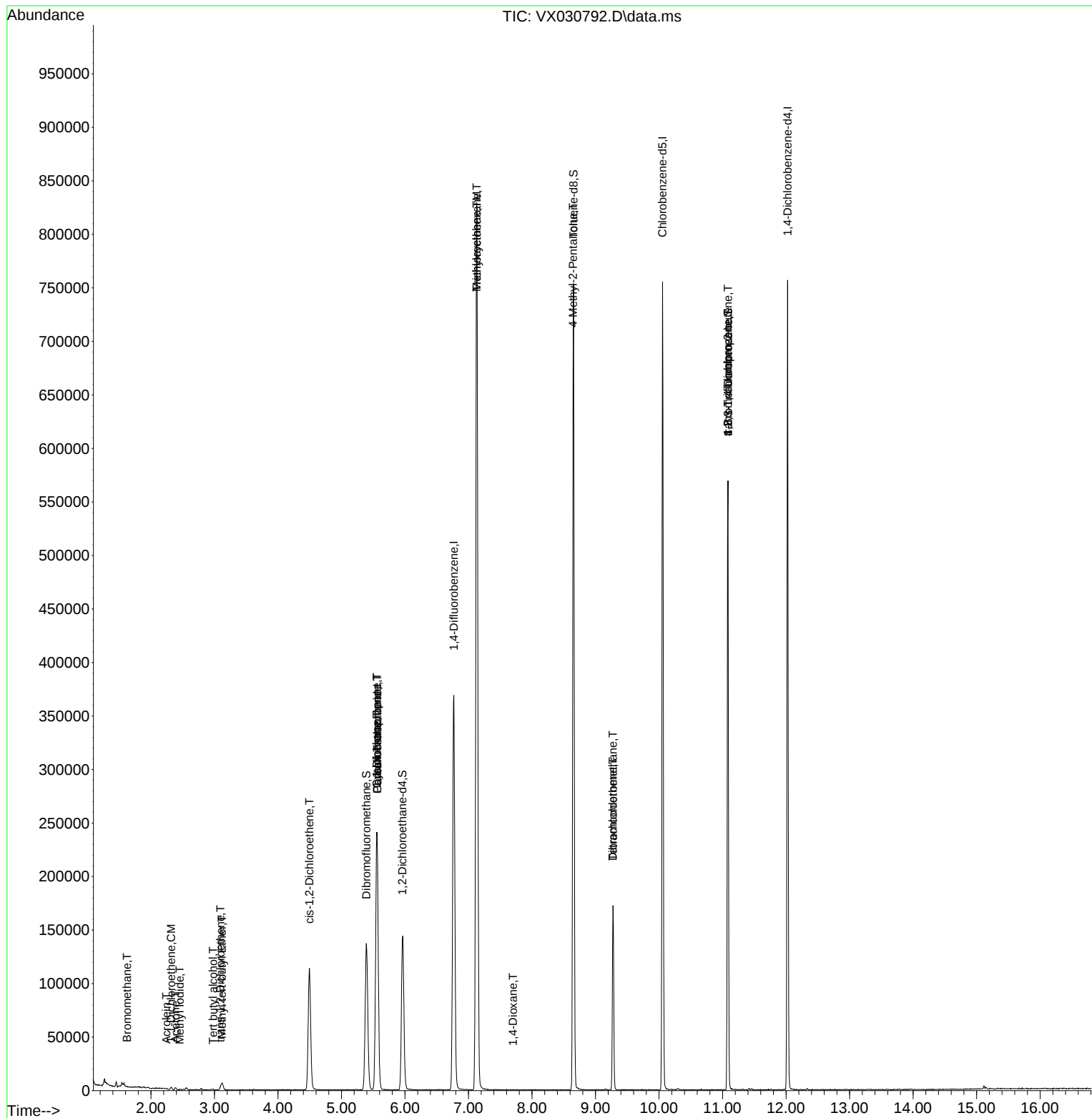
Internal Standards						
1) Pentafluorobenzene	5.562	168	233420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	387179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138794	50.551	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.100%			
35) Dibromofluoromethane	5.391	113	120660	50.707	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	8.653	98	457705	55.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.400%			
62) 4-Bromofluorobenzene	11.085	95	154311	49.986	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.980%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	367	Below Cal	#	69
4) Vinyl Chloride	1.374	62	27	Below Cal	#	43
5) Bromomethane	1.624	94	460	0.423	ug/l #	65
6) Chloroethane	1.709	64	72	Below Cal	#	41
10) Methyl Iodide	2.453	142	314	4.182	ug/l #	87
11) Tert butyl alcohol	2.977	59	687	1.153	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	839	0.397	ug/l	92
13) Acrolein	2.239	56	25	10.098	ug/l #	14
16) Acetone	2.386	43	1611	1.270	ug/l #	79
17) Carbon Disulfide	2.508	76	705	Below Cal	#	74
19) Methyl tert-butyl Ether	3.117	73	6909	0.943	ug/l	96
20) Methylene Chloride	2.788	84	357	Below Cal	#	75
21) trans-1,2-Dichloroethene	3.093	96	680	0.299	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	74319	26.467	ug/l	92
31) Cyclohexane	5.556	56	4764	1.357	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17774	5.485	ug/l #	48
38) Carbon Tetrachloride	5.562	117	24337	7.120	ug/l #	19
39) Methylcyclohexane	7.129	83	4061	1.047	ug/l #	1
44) Trichloroethene	7.129	130	327638	116.981	ug/l	94
49) 1,4-Dioxane	7.702	88	49	0.689	ug/l #	25
51) 4-Methyl-2-Pentanone	8.647	43	1648	0.423	ug/l #	1
60) Dibromochloromethane	9.275	129	32780	11.690	ug/l #	11
64) Tetrachloroethene	9.275	164	33259	12.099	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	74949	21.874	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	74949	70.574	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
Data File : VX030792.D
Acq On : 26 Aug 2022 00:15
Operator : JC/MD
Sample : N4245-07RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

Quant Time: Aug 26 02:43:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

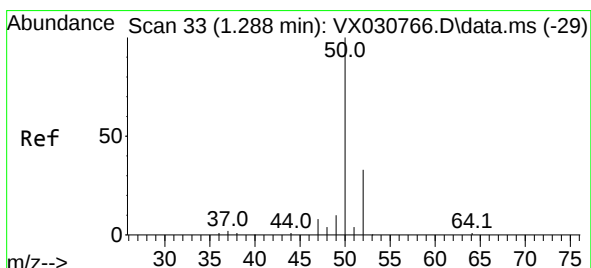
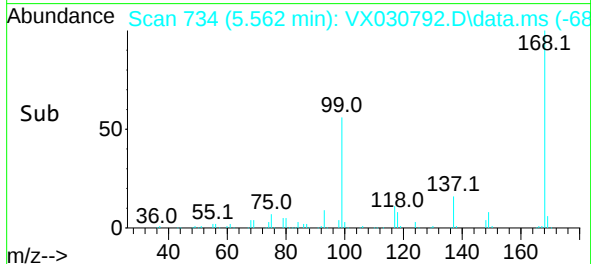
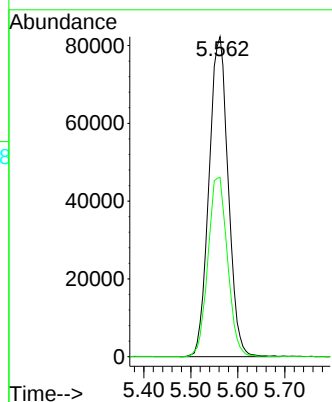
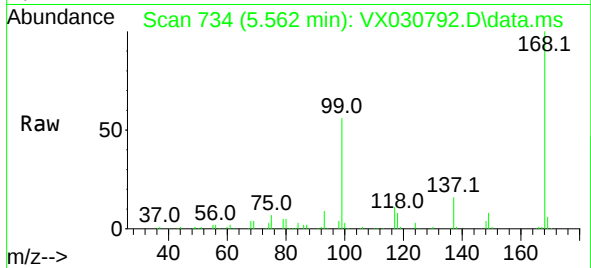




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

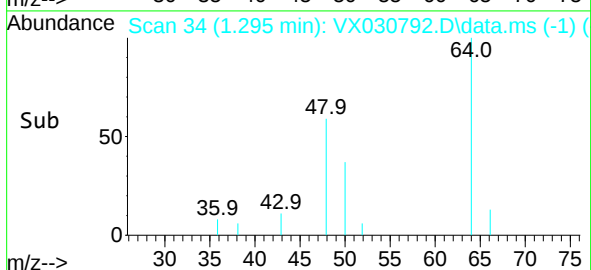
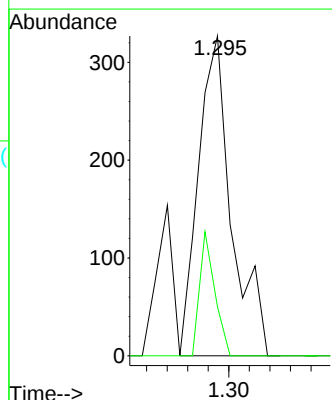
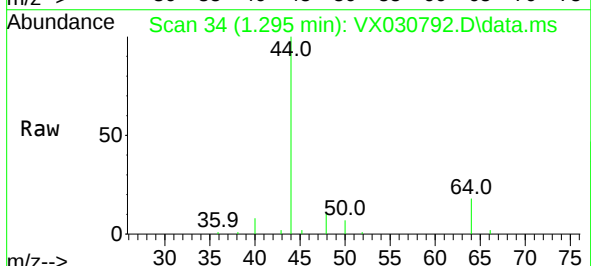
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

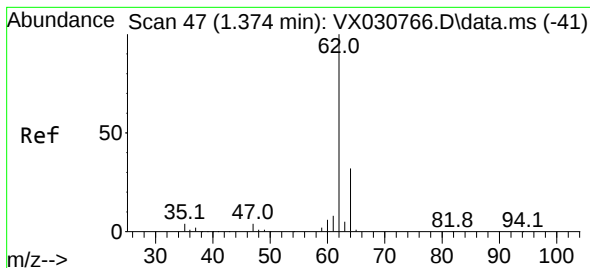
Tgt Ion:168 Resp: 233420
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 15.3 26.3 39.5#

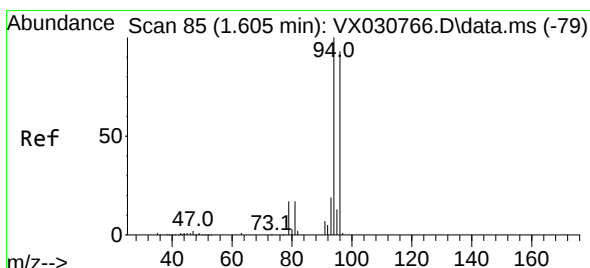
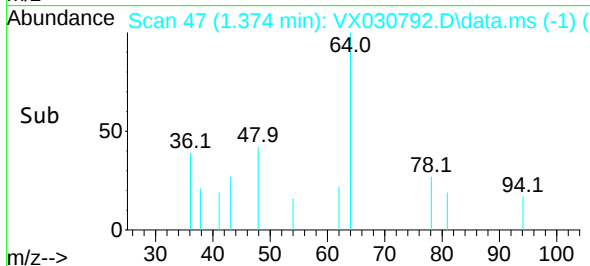
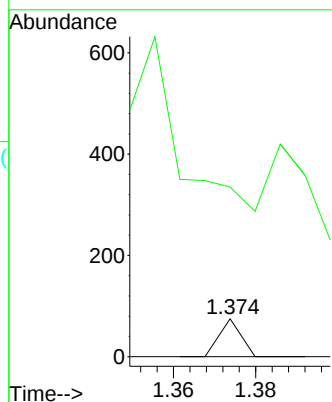
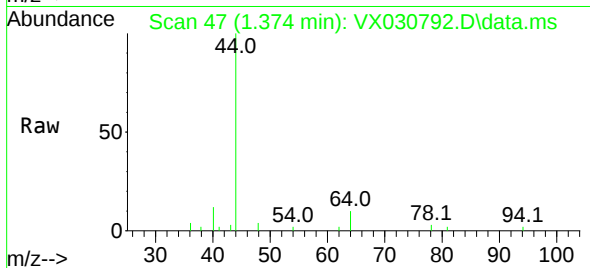




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030792.D
 Acq: 26 Aug 2022 00:15

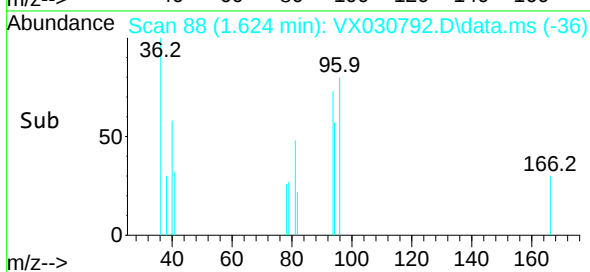
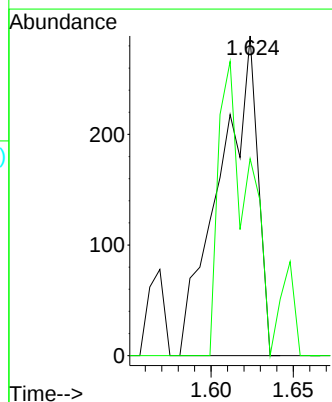
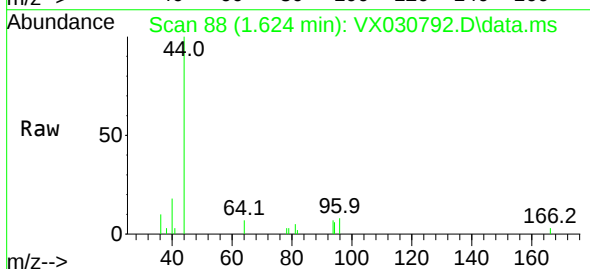
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220816

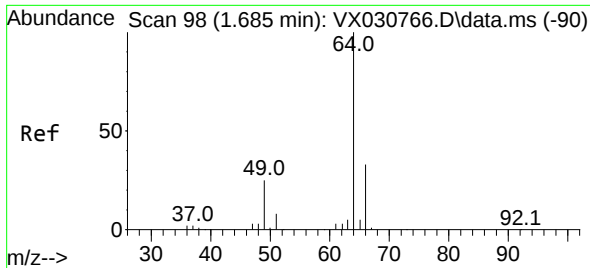
Tgt Ion: 62 Resp: 27
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.2 37.8#



#5
 Bromomethane
 Concen: 0.423 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.018 min
 Lab File: VX030792.D
 Acq: 26 Aug 2022 00:15

Tgt Ion: 94 Resp: 460
 Ion Ratio Lower Upper
 94 100
 96 61.6 76.9 115.3#

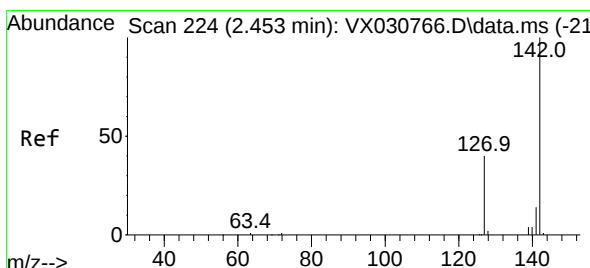
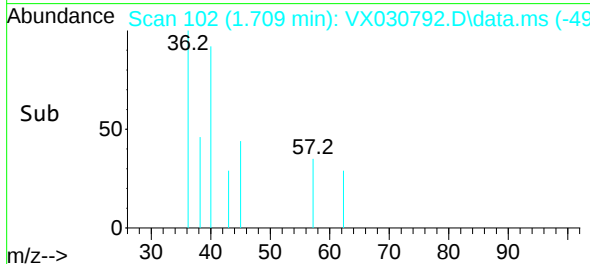
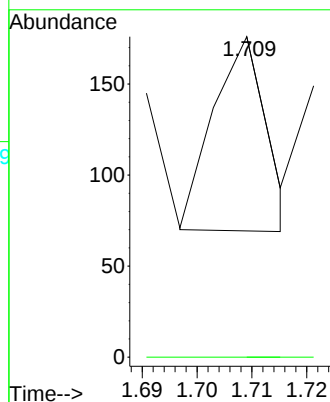
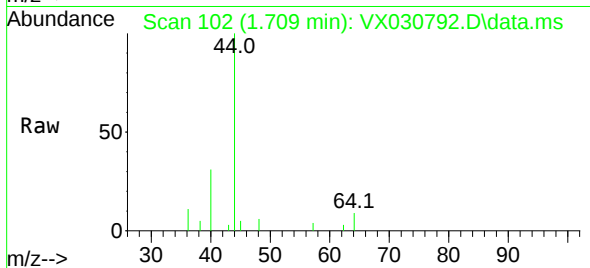




#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 10
Delta R.T. 0.024 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

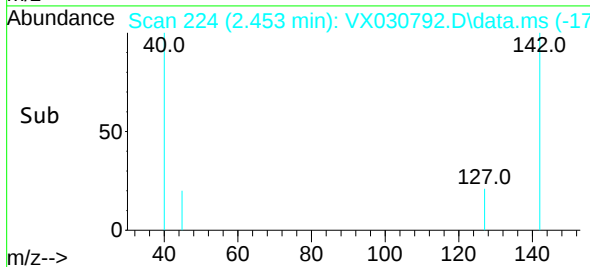
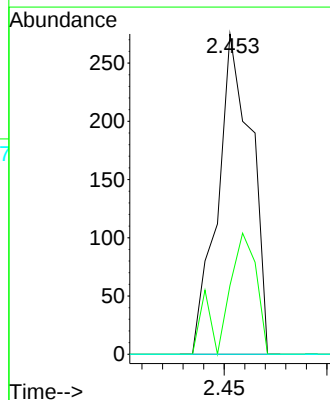
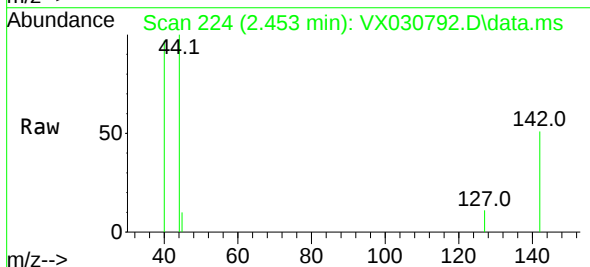
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

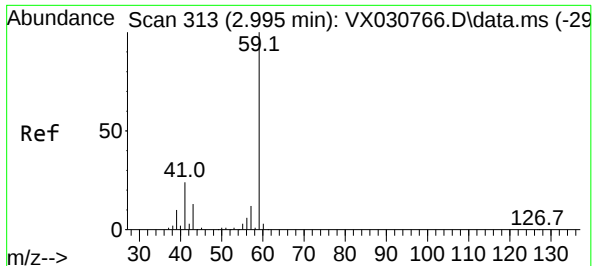
Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.182 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion: 142 Resp: 314
Ion Ratio Lower Upper
142 100
127 34.7 30.2 45.2
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 1.153 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX030792.D

Acq: 26 Aug 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

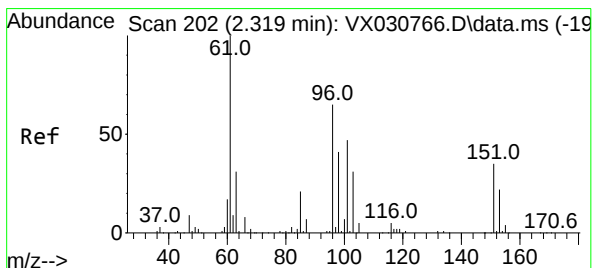
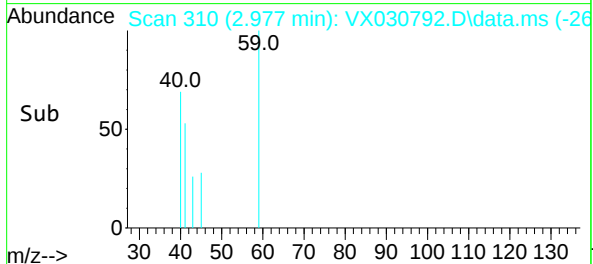
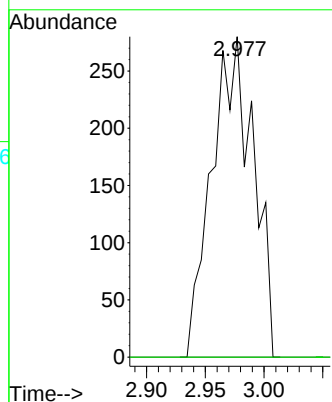
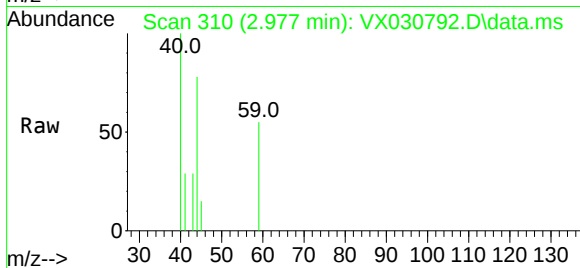
DUP02-20220816

Tgt Ion: 59 Resp: 687

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 0.397 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030792.D

Acq: 26 Aug 2022 00:15

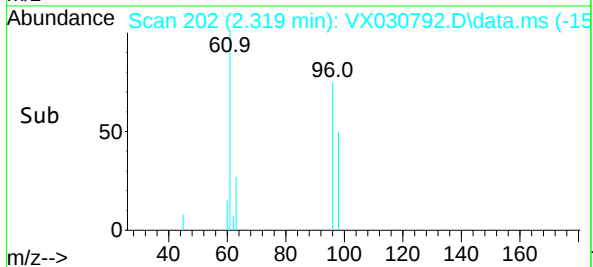
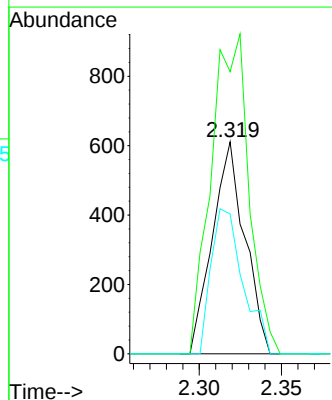
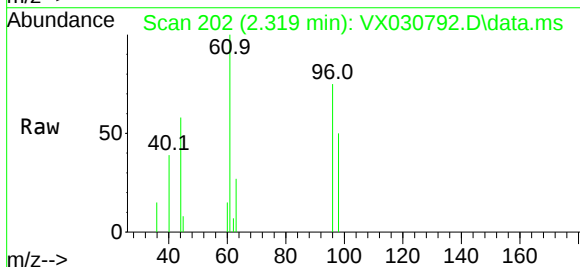
Tgt Ion: 96 Resp: 839

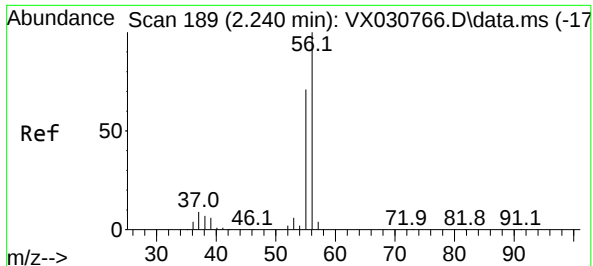
Ion Ratio Lower Upper

96 100

61 133.1 117.4 176.0

98 66.0 52.2 78.4

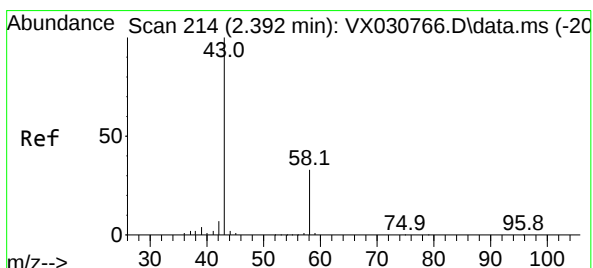
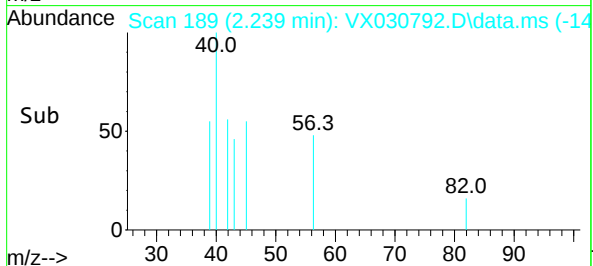
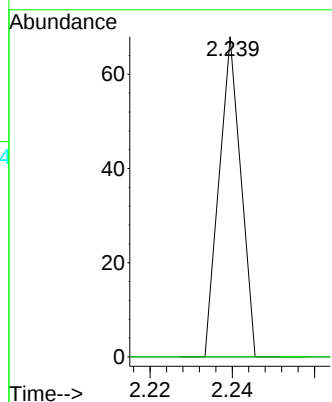
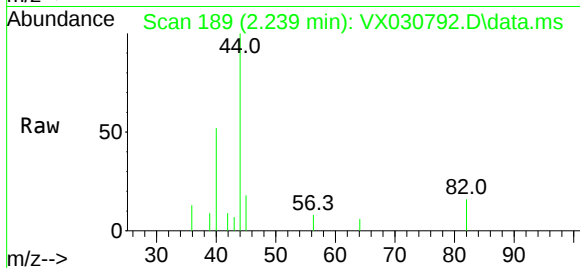




#13
Acrolein
Concen: 10.098 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

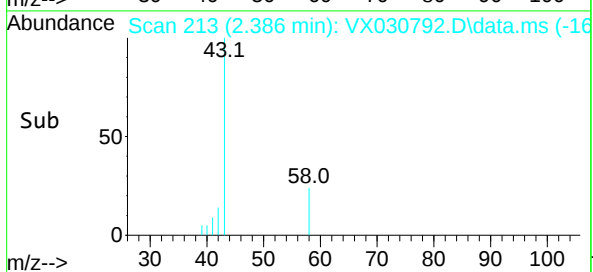
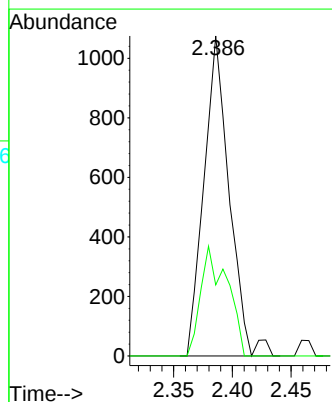
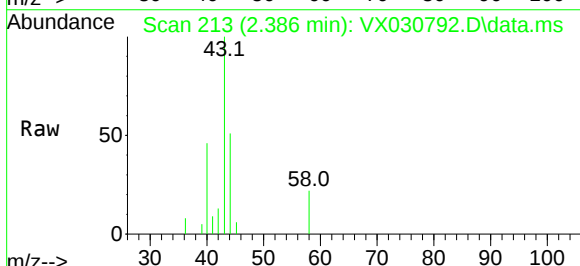
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

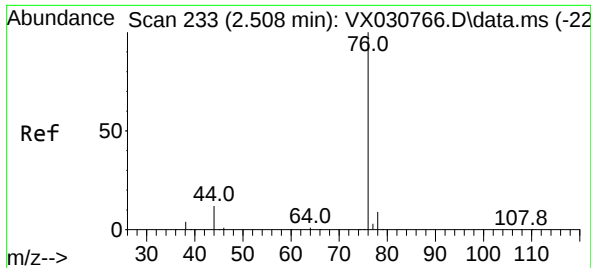
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.270 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
58 22.2 27.7 41.5#

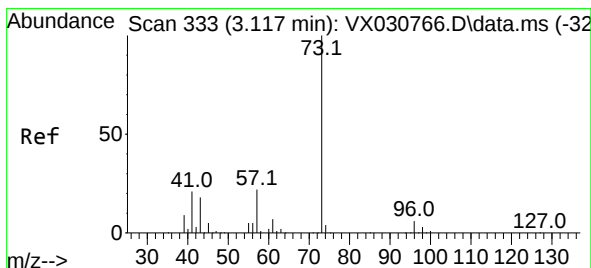
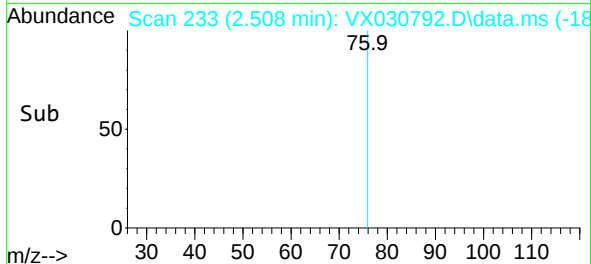
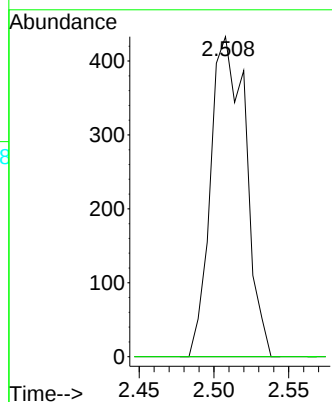
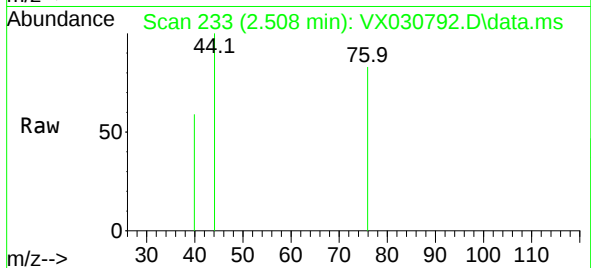




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

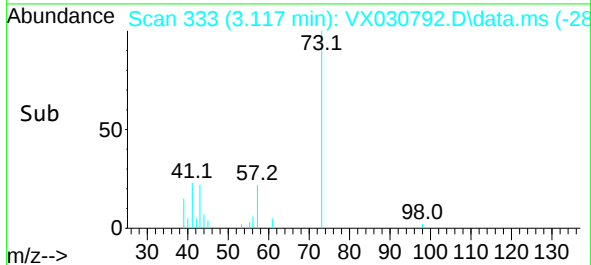
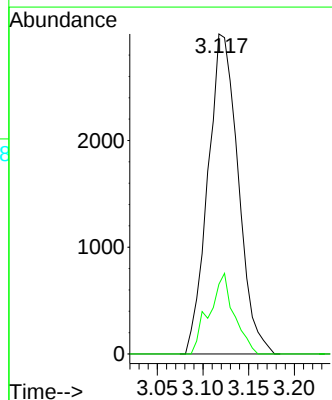
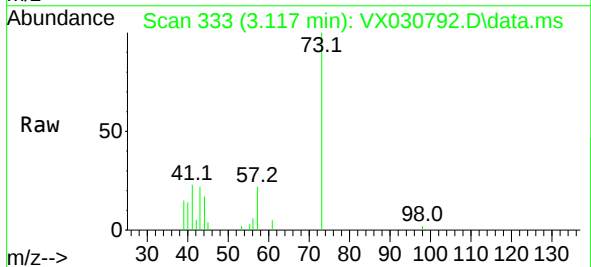
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

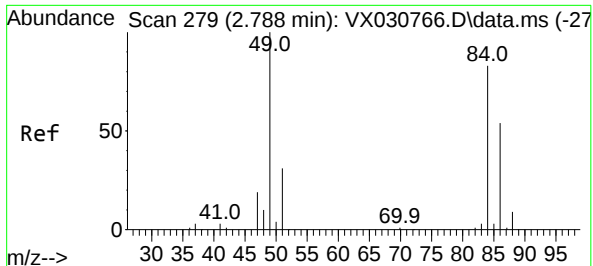
Tgt Ion: 76 Resp: 705
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#19
Methyl tert-butyl Ether
Concen: 0.943 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

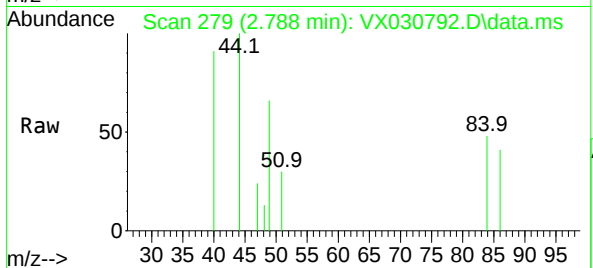
Tgt Ion: 73 Resp: 6909
Ion Ratio Lower Upper
73 100
57 21.8 19.0 28.6



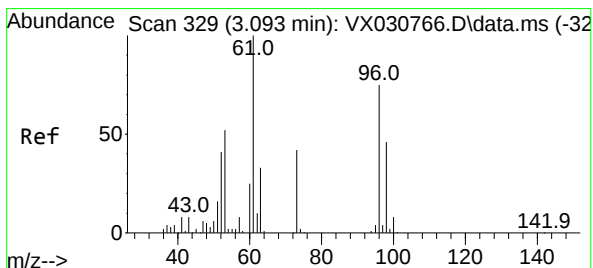
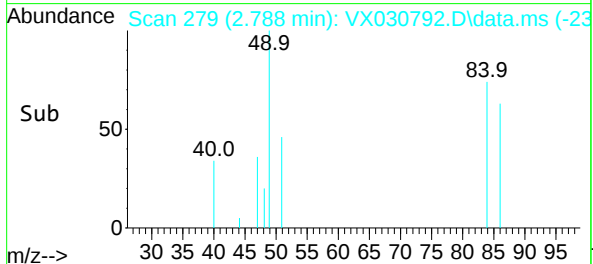
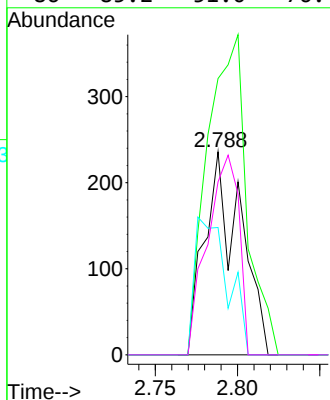


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

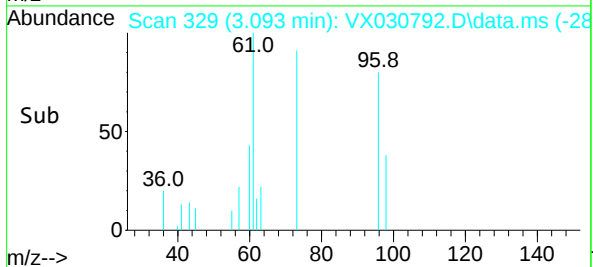
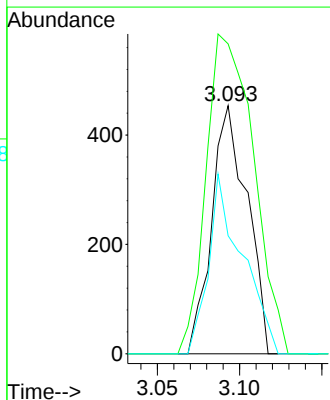
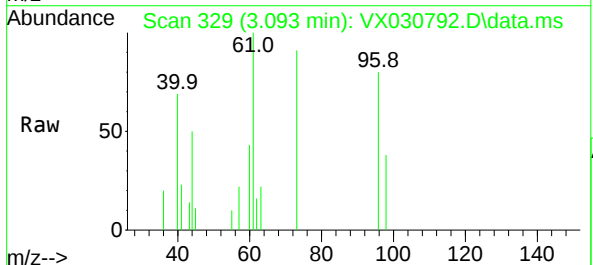


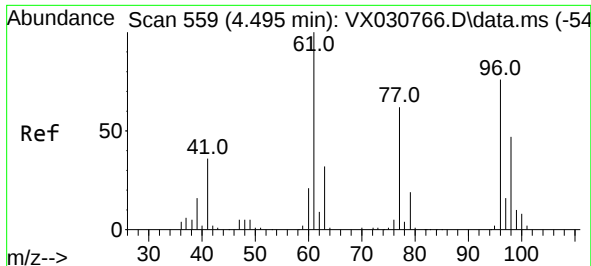
Tgt Ion:	84	Resp:	357
Ion	Ratio	Lower	Upper
84	100		
49	136.0	93.8	140.6
51	62.7	29.4	44.0#
86	85.2	51.0	76.4#



#21
trans-1,2-Dichloroethene
Concen: 0.299 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion:	96	Resp:	680
Ion	Ratio	Lower	Upper
96	100		
61	124.9	105.6	158.4
98	47.6	50.1	75.1#





#27

cis-1,2-Dichloroethene

Concen: 26.467 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030792.D

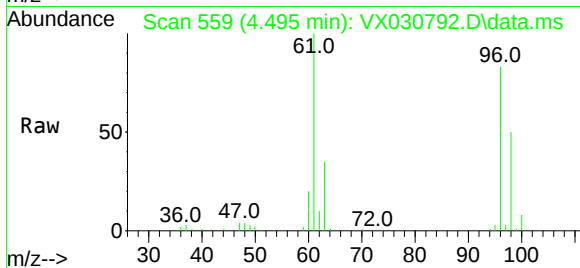
Acq: 26 Aug 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20220816



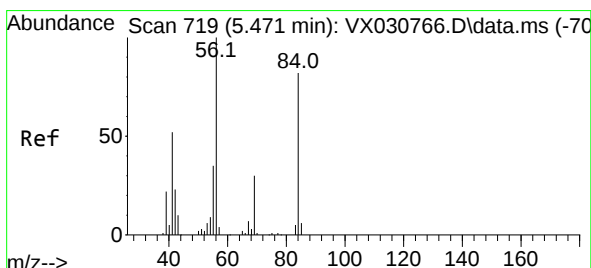
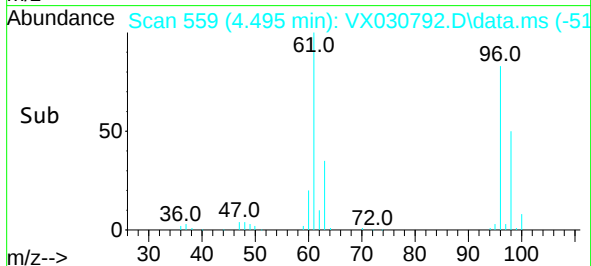
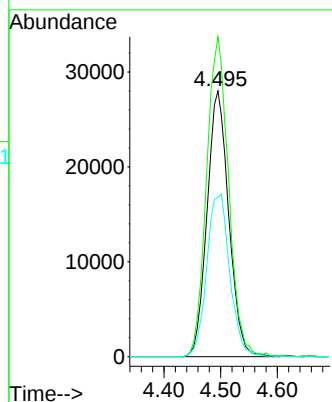
Tgt Ion: 96 Resp: 74319

Ion Ratio Lower Upper

96 100

61 122.6 0.0 270.0

98 65.0 0.0 127.8



#31

Cyclohexane

Concen: 1.357 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX030792.D

Acq: 26 Aug 2022 00:15

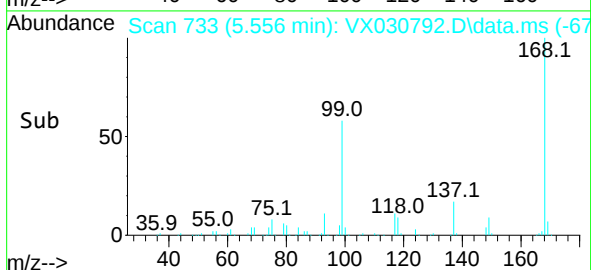
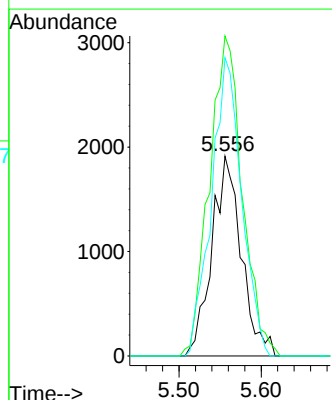
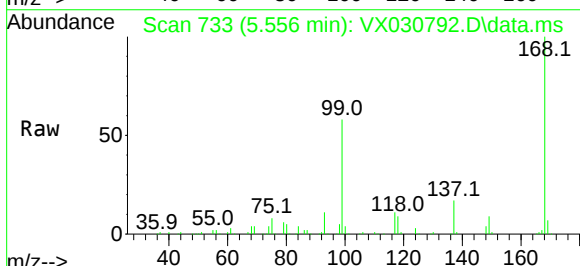
Tgt Ion: 56 Resp: 4764

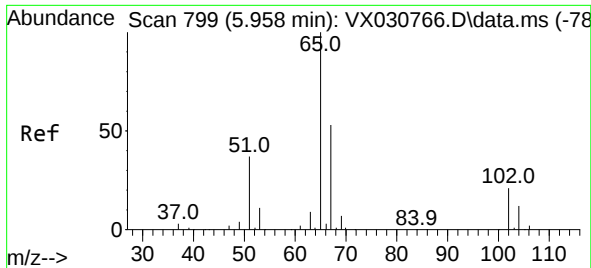
Ion Ratio Lower Upper

56 100

69 160.3 25.4 38.0#

84 149.4 68.9 103.3#

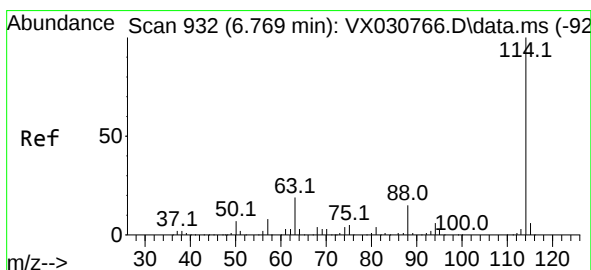
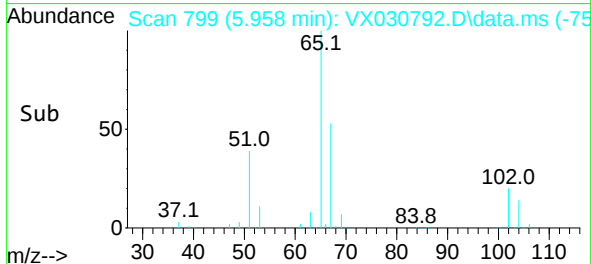
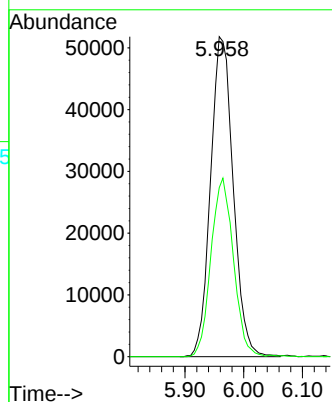
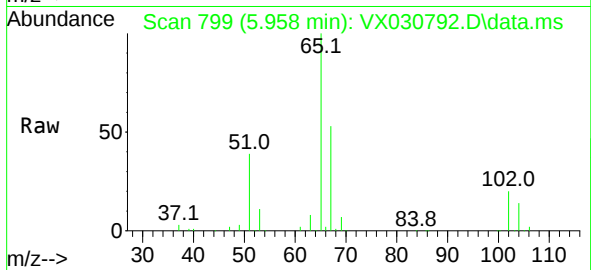




#33
 1,2-Dichloroethane-d4
 Concen: 50.551 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX030792.D
 Acq: 26 Aug 2022 00:15

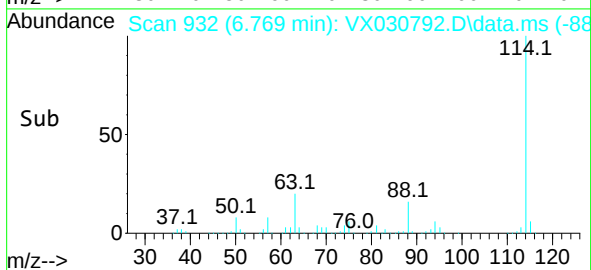
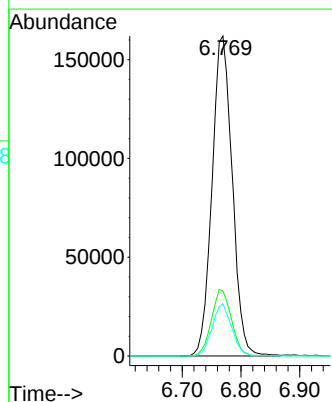
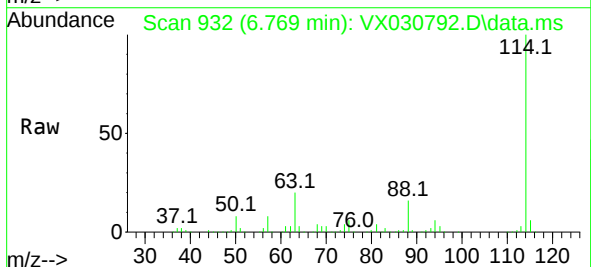
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220816

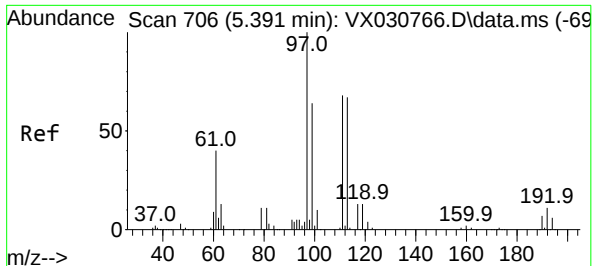
Tgt Ion: 65 Resp: 138794
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030792.D
 Acq: 26 Aug 2022 00:15

Tgt Ion: 114 Resp: 387179
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.4
 88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.707 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030792.D

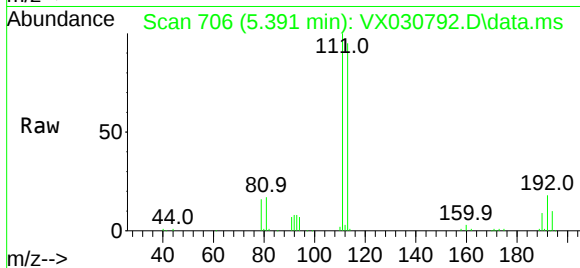
Acq: 26 Aug 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20220816



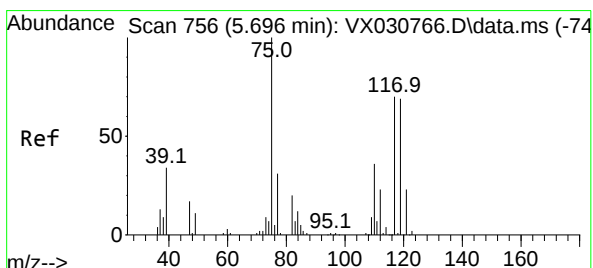
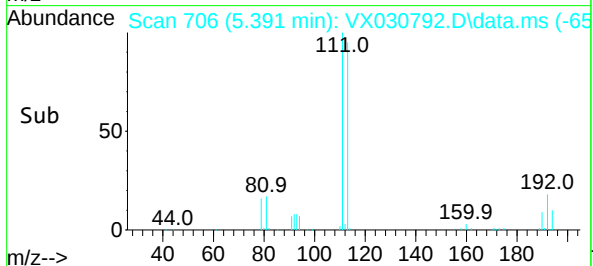
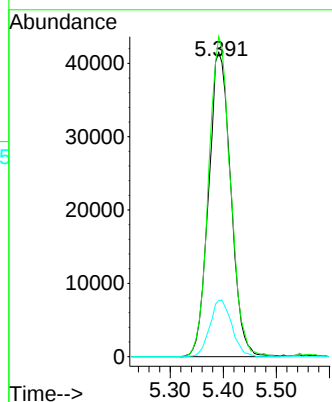
Tgt Ion:113 Resp: 120660

Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

192 18.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.485 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030792.D

Acq: 26 Aug 2022 00:15

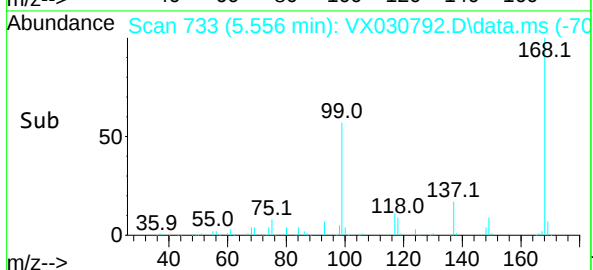
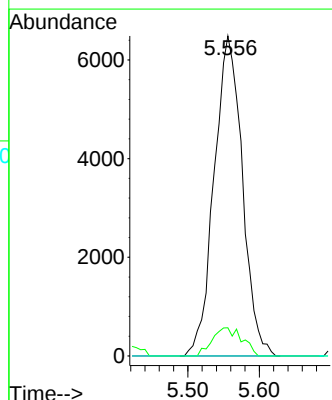
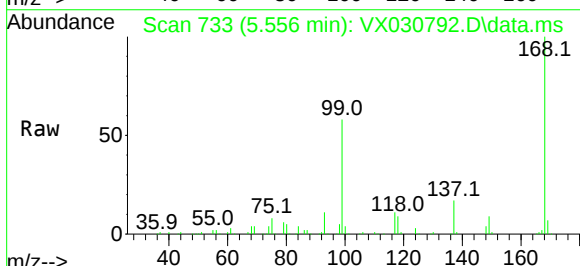
Tgt Ion: 75 Resp: 17774

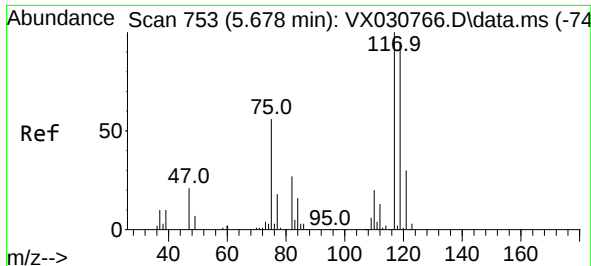
Ion Ratio Lower Upper

75 100

110 9.3 19.3 57.9#

77 0.0 24.4 36.6#

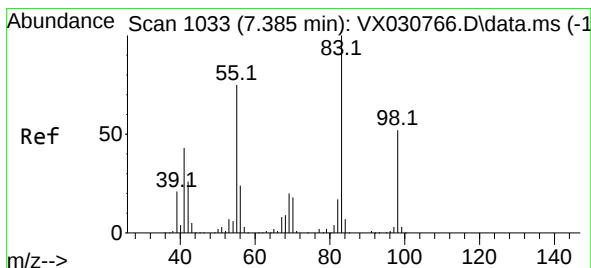
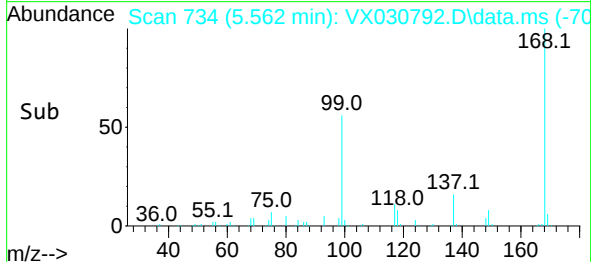
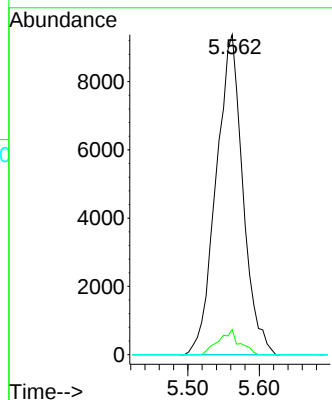
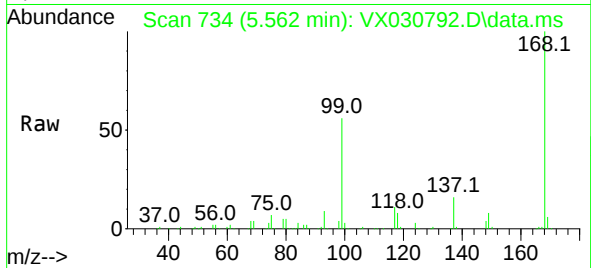




#38
Carbon Tetrachloride
Concen: 7.120 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

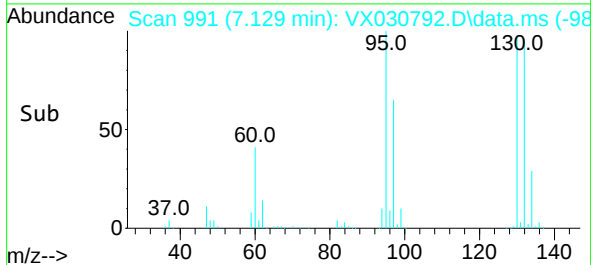
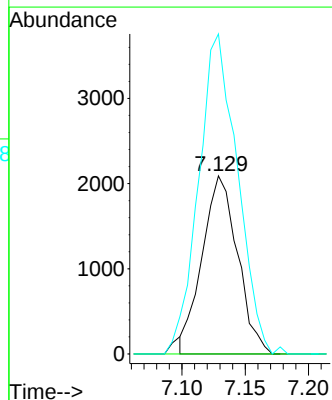
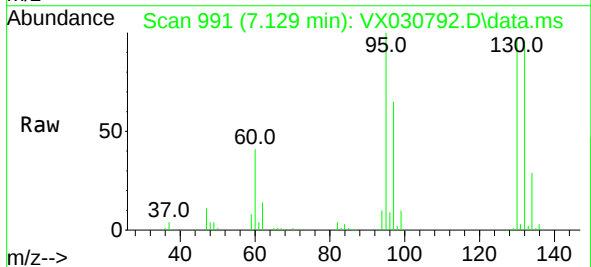
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

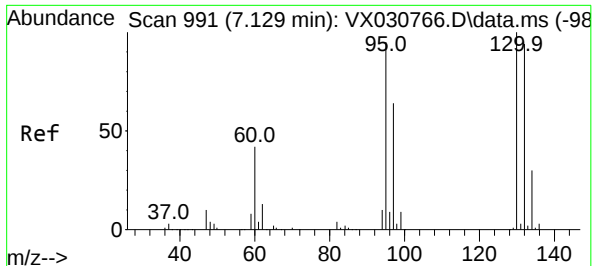
Tgt Ion:117 Resp: 24337
Ion Ratio Lower Upper
117 100
119 7.9 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 1.047 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion: 83 Resp: 4061
Ion Ratio Lower Upper
83 100
55 0.0 57.7 86.5#
98 175.7 36.5 54.7#

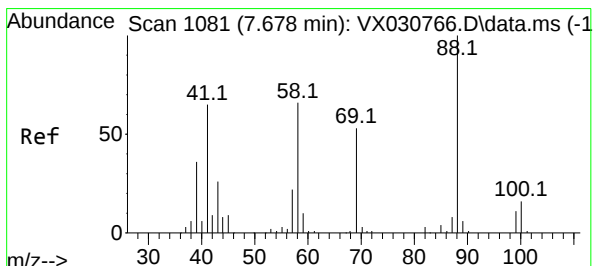
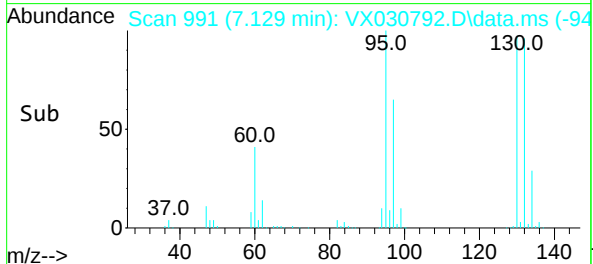
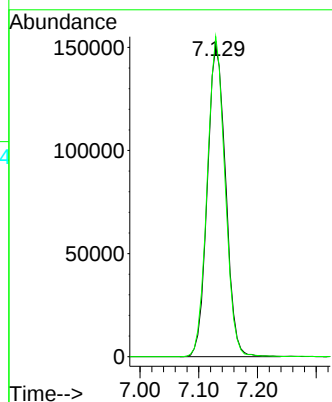
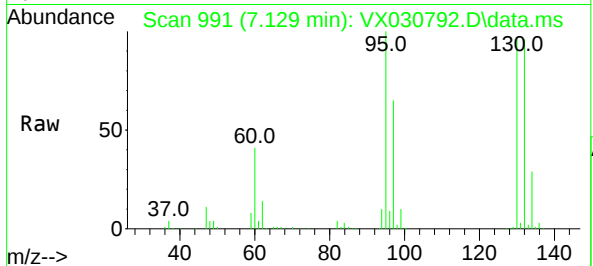




#44
Trichloroethene
Concen: 116.981 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

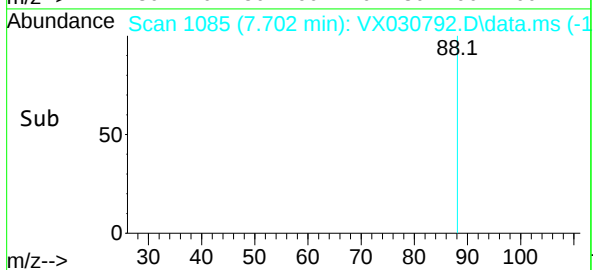
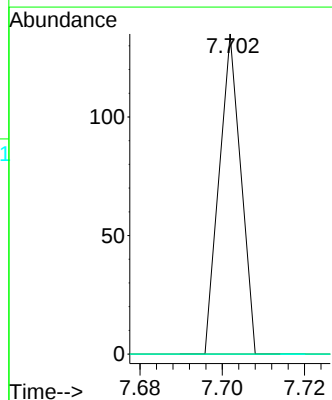
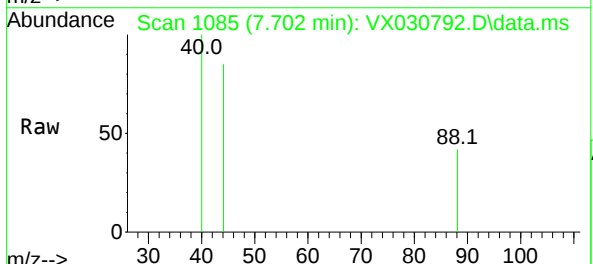
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

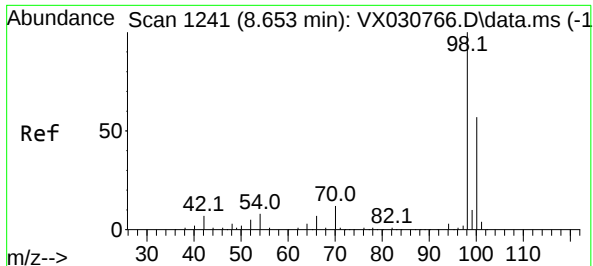
Tgt Ion:130 Resp: 327638
Ion Ratio Lower Upper
130 100
95 103.1 0.0 194.8



#49
1,4-Dioxane
Concen: 0.689 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.024 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

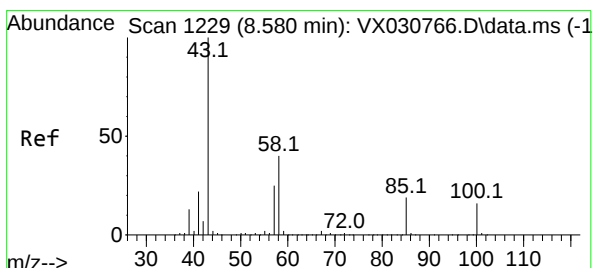
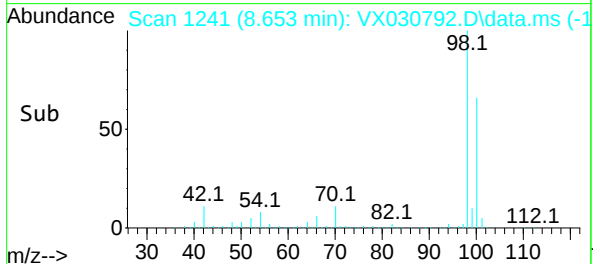
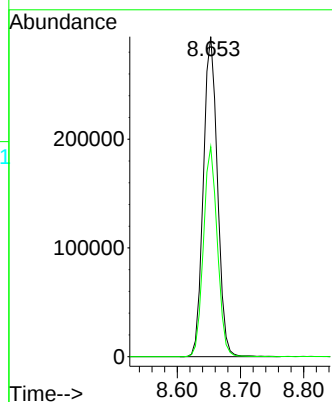
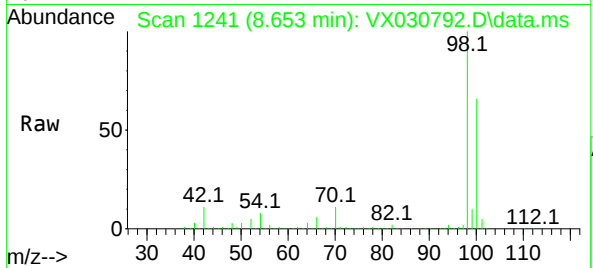




#50
Toluene-d8
Concen: 55.199 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

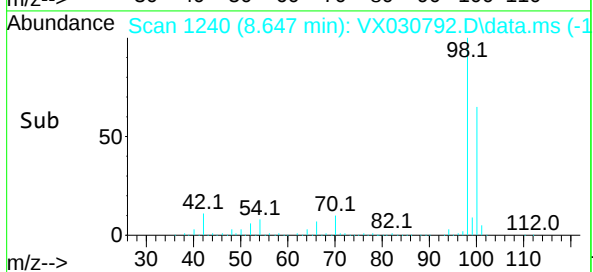
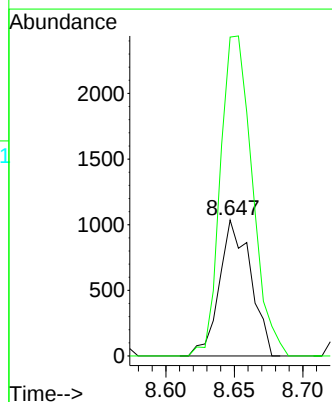
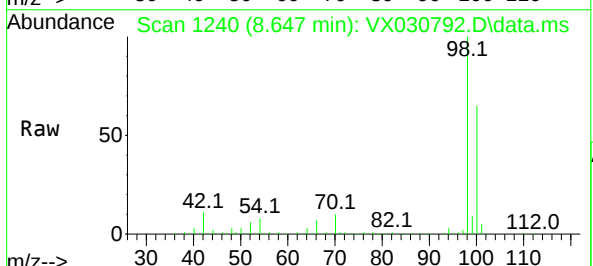
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

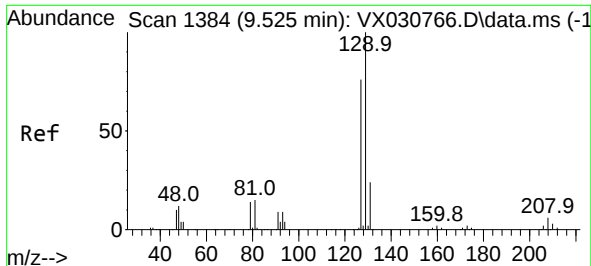
Tgt Ion: 98 Resp: 457705
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.423 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion: 43 Resp: 1648
Ion Ratio Lower Upper
43 100
58 239.9 31.4 47.2#

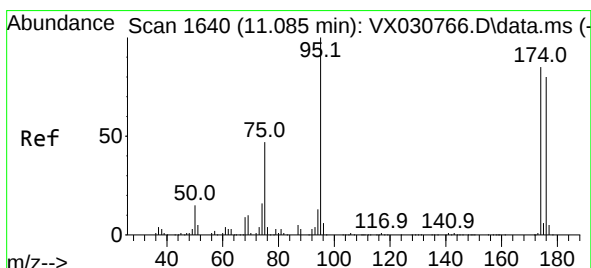
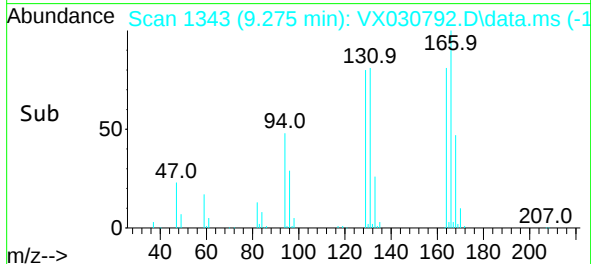
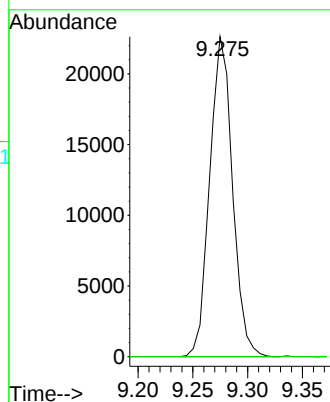
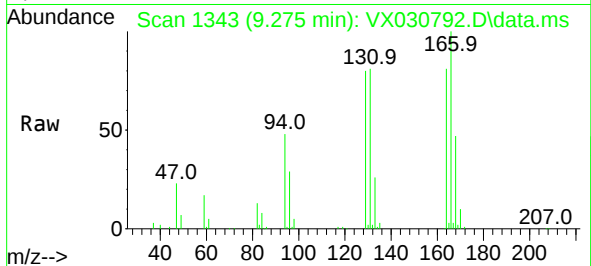




#60
Dibromochloromethane
Concen: 11.690 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

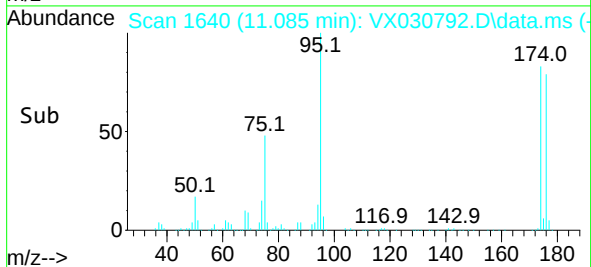
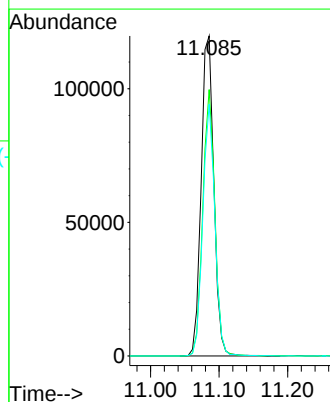
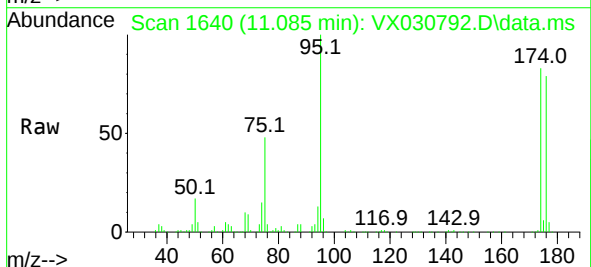
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

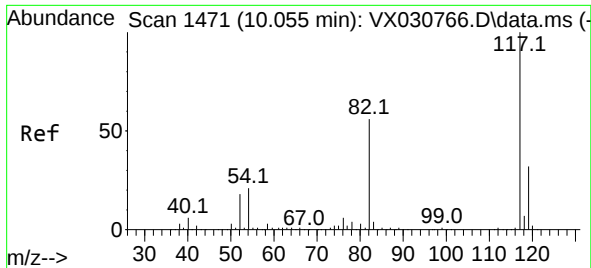
Tgt Ion:129 Resp: 32780
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 49.986 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion: 95 Resp: 154311
Ion Ratio Lower Upper
95 100
174 79.4 0.0 149.0
176 74.9 0.0 146.0

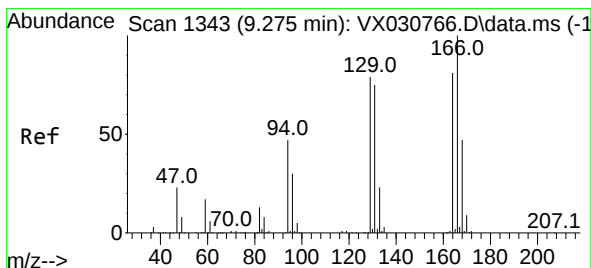
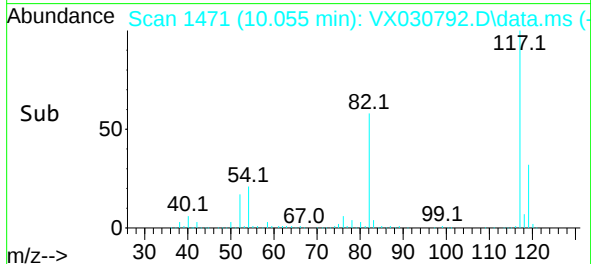
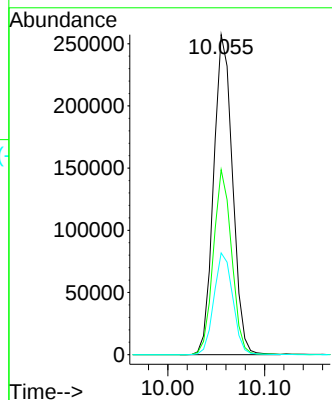
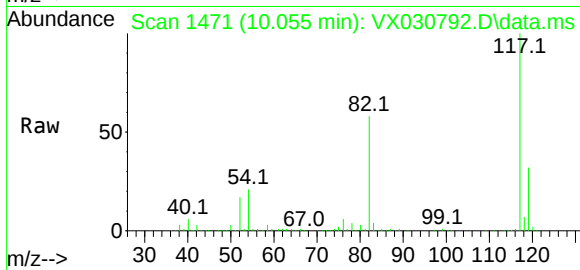




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

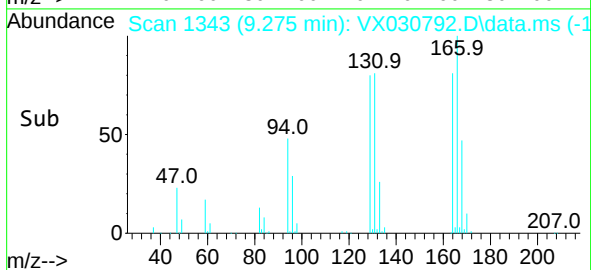
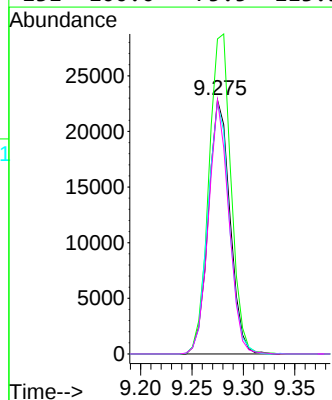
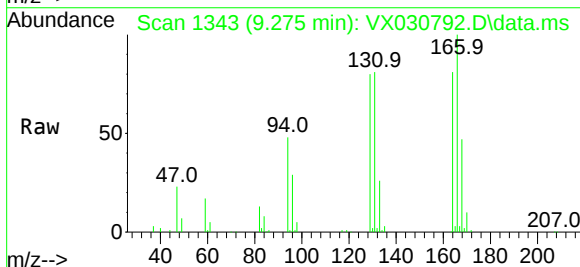
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

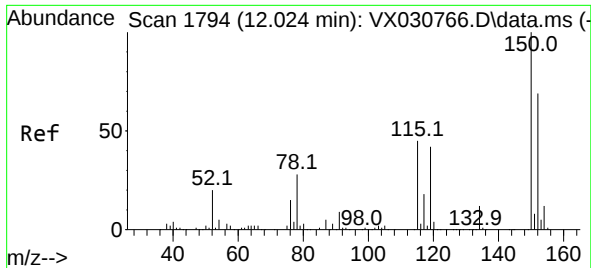
Tgt Ion:117 Resp: 348954
Ion Ratio Lower Upper
117 100
82 57.8 42.7 64.1
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 12.099 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion:164 Resp: 33259
Ion Ratio Lower Upper
164 100
166 124.0 98.2 147.4
129 99.1 80.8 121.2
131 100.0 75.5 113.3

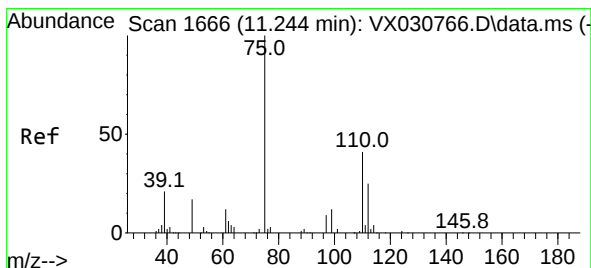
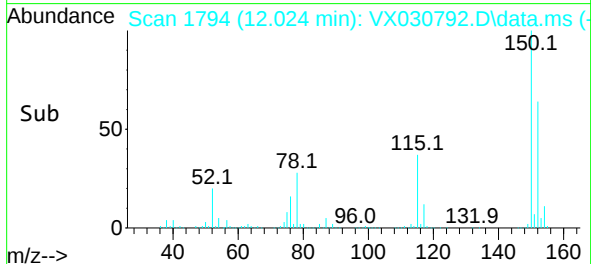
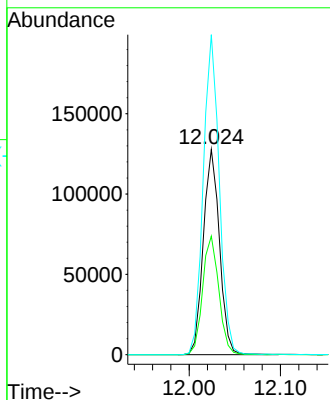
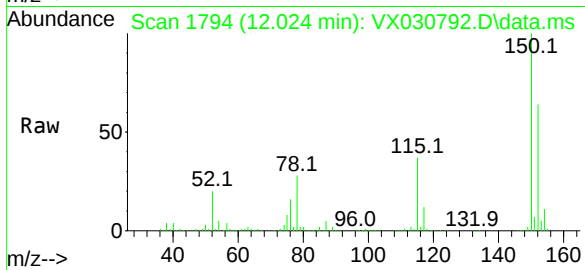




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030792.D
 Acq: 26 Aug 2022 00:15

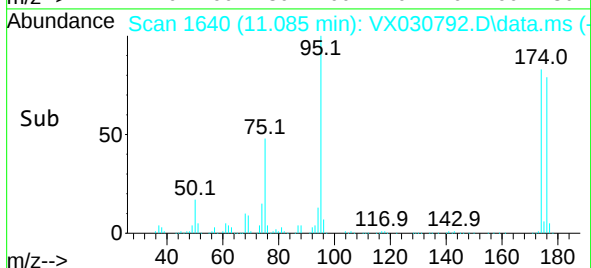
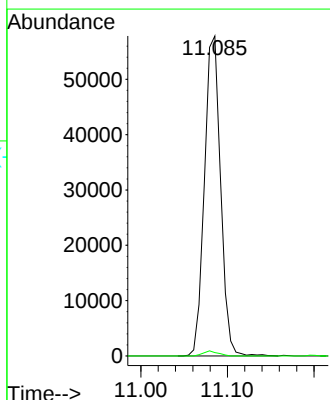
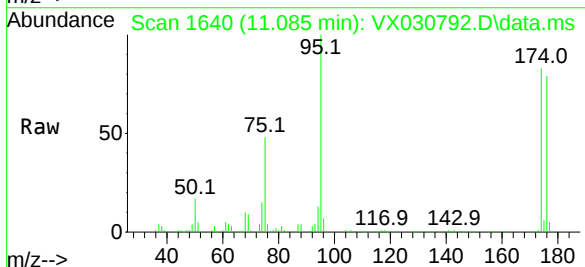
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220816

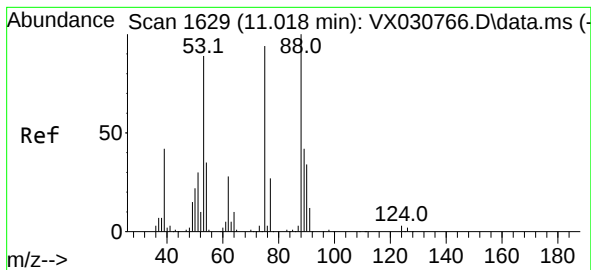
Tgt Ion:152 Resp: 156396
 Ion Ratio Lower Upper
 152 100
 115 57.8 40.5 121.5
 150 154.2 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.874 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030792.D
 Acq: 26 Aug 2022 00:15

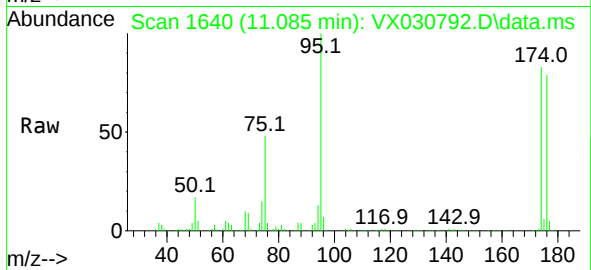
Tgt Ion: 75 Resp: 74949
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.574 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX030792.D
 Acq: 26 Aug 2022 00:15

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220816



Tgt Ion: 75 Resp: 74949
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

