

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030953.D
 Acq On : 30 Aug 2022 20:54
 Operator : JC/MD
 Sample : N4297-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW305D-20220820DL

Quant Time: Sep 06 01:18:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

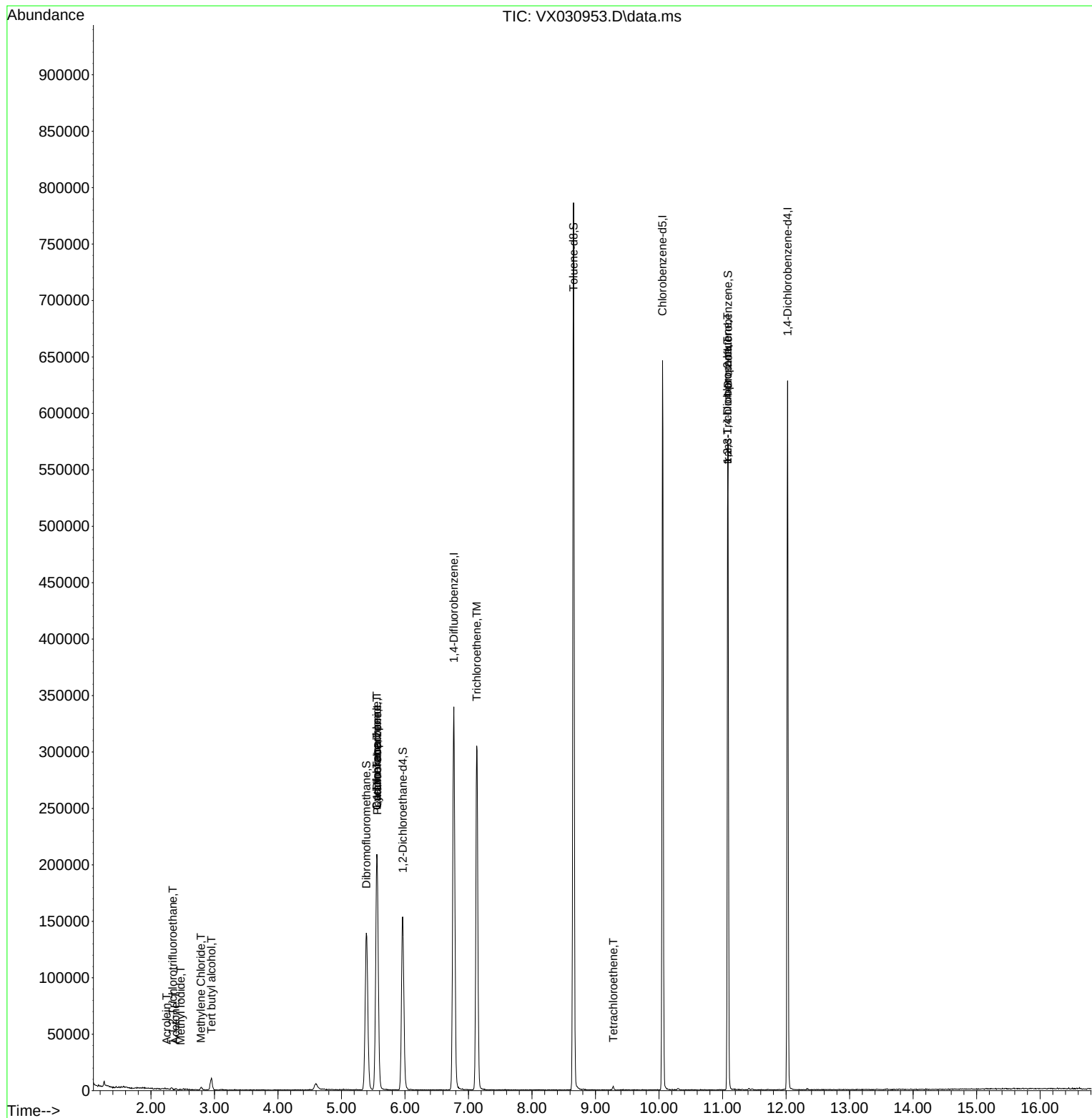
Internal Standards						
1) Pentafluorobenzene	5.562	168	202259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	362017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147420	50.817	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.640%
35) Dibromofluoromethane	5.391	113	126368	47.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.700%
50) Toluene-d8	8.653	98	477923	48.359	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.085	95	158882	45.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.300%
Target Compounds						
5) Bromomethane	1.611	94	500	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	2.343	101	662	0.266	ug/l	90
10) Methyl Iodide	2.465	142	184	4.449	ug/l #	61
11) Tert butyl alcohol	2.953	59	6002	8.733	ug/l #	74
13) Acrolein	2.245	56	24	7.341	ug/l #	14
16) Acetone	2.386	43	765	0.584	ug/l #	81
20) Methylene Chloride	2.788	84	1173	0.394	ug/l	93
31) Cyclohexane	5.556	56	3774	0.879	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15581	3.928	ug/l #	48
38) Carbon Tetrachloride	5.556	117	20352	5.390	ug/l #	17
44) Trichloroethene	7.129	130	124317	36.914	ug/l	95
64) Tetrachloroethene	9.281	164	692	0.239	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	76350	22.968	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	76350	68.286	ug/l #	13

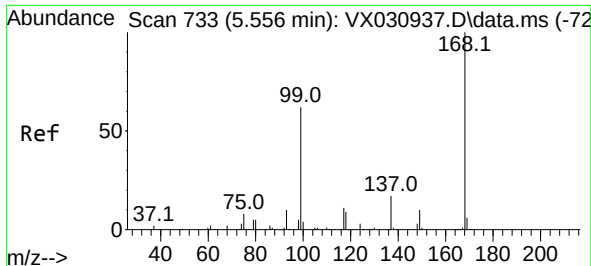
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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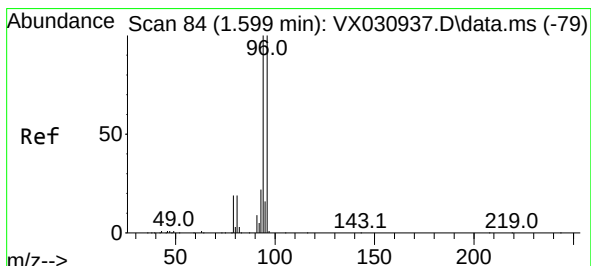
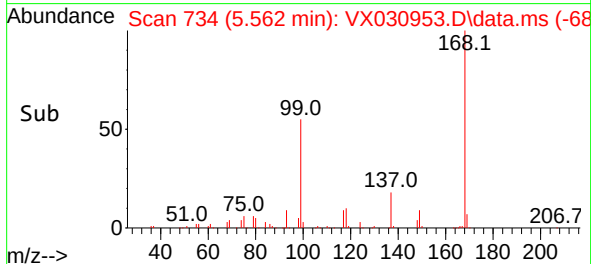
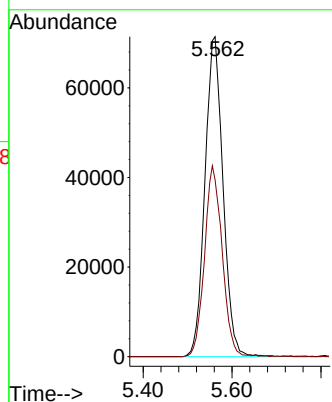
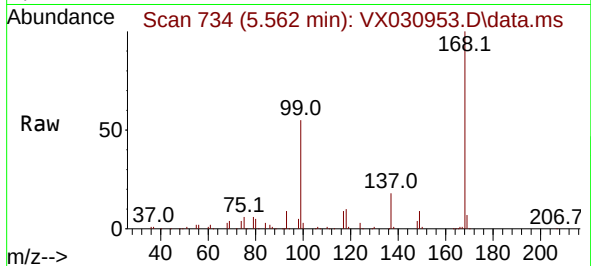




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

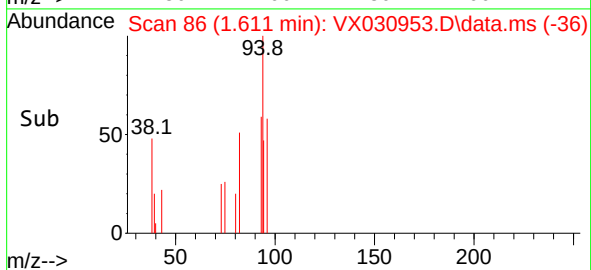
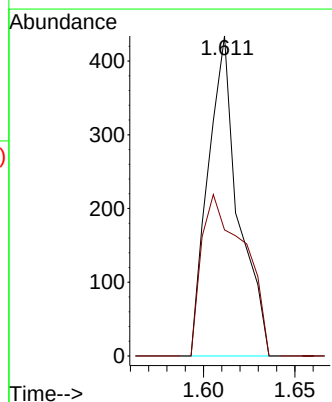
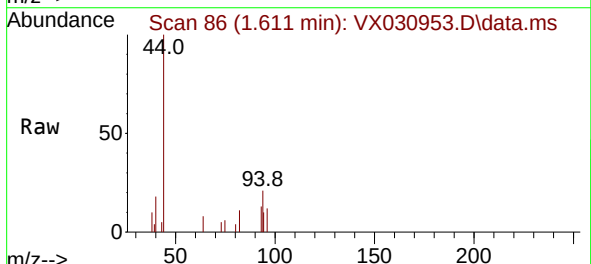
Instrument :
MSVOA_X
ClientSampleId :
MW305D-20220820DL

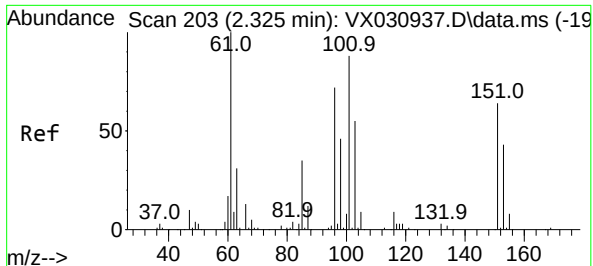
Tgt Ion:168 Resp: 202259
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

Tgt Ion: 94 Resp: 500
Ion Ratio Lower Upper
94 100
96 39.4 76.9 115.3#

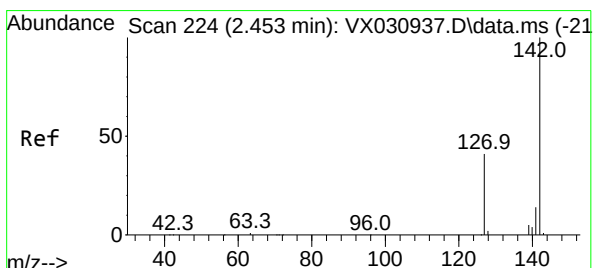
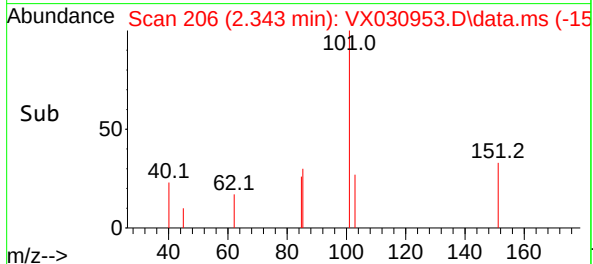
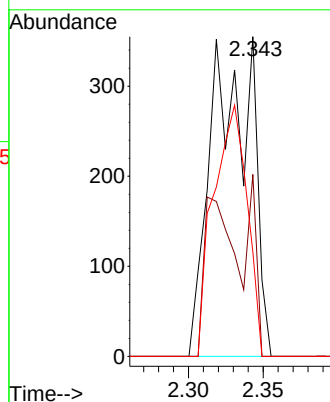
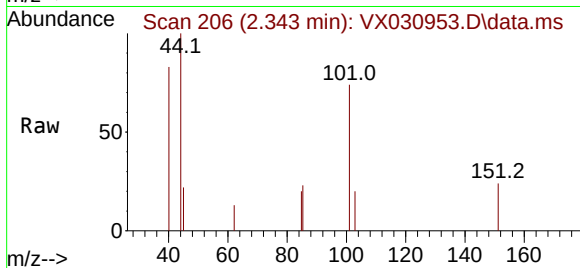




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.266 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.018 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

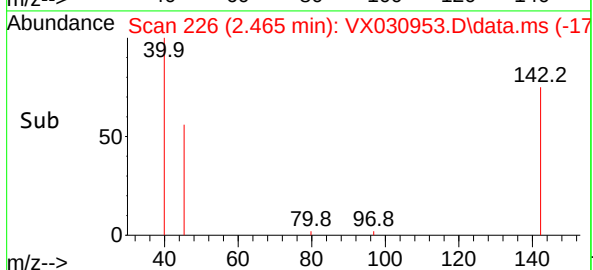
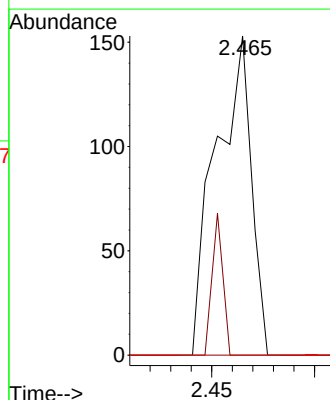
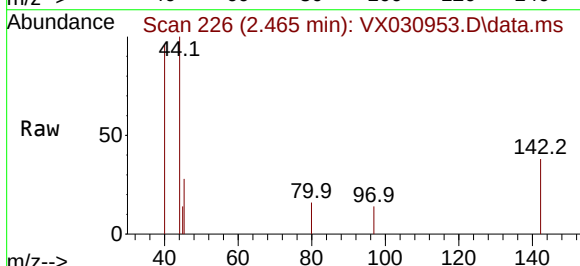
Instrument :
MSVOA_X
ClientSampleId :
MW305D-20220820DL

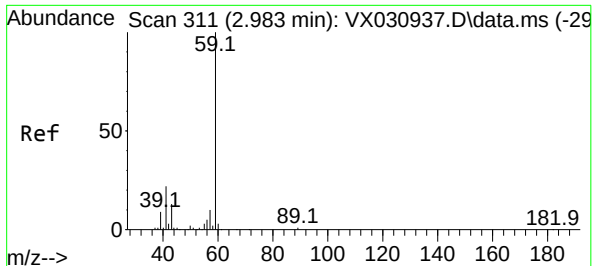
Tgt Ion:101 Resp: 662
Ion Ratio Lower Upper
101 100
85 48.6 34.0 51.0
151 65.7 59.4 89.0



#10
Methyl Iodide
Concen: 4.449 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

Tgt Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
127 13.6 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 8.733 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.036 min

Lab File: VX030953.D

Acq: 30 Aug 2022 20:54

Instrument :

MSVOA_X

ClientSampleId :

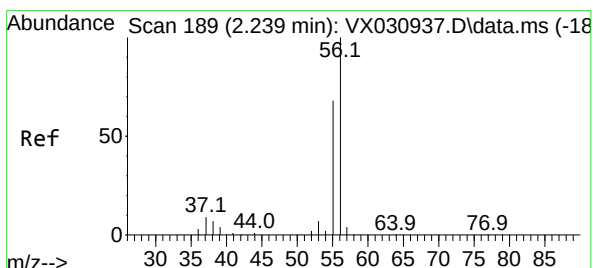
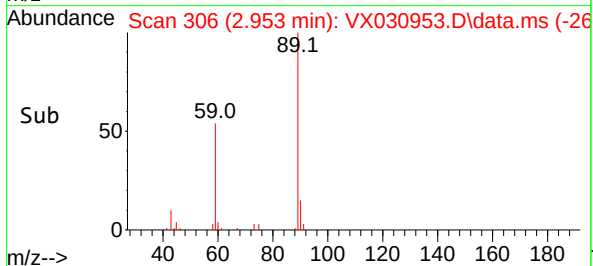
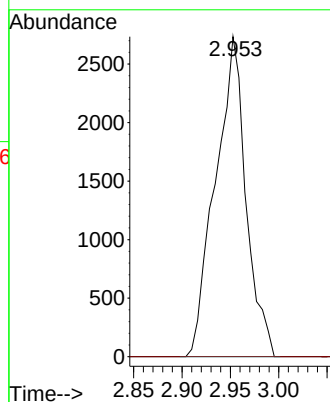
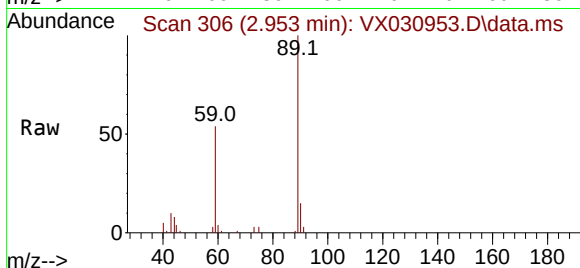
MW305D-20220820DL

Tgt Ion: 59 Resp: 6002

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 7.341 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX030953.D

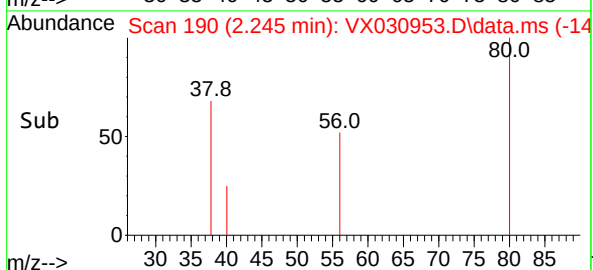
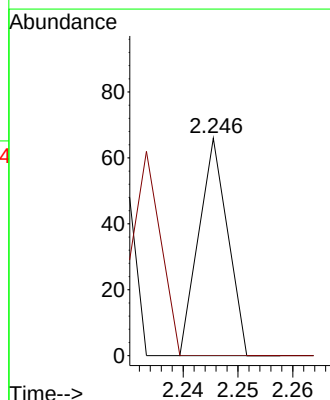
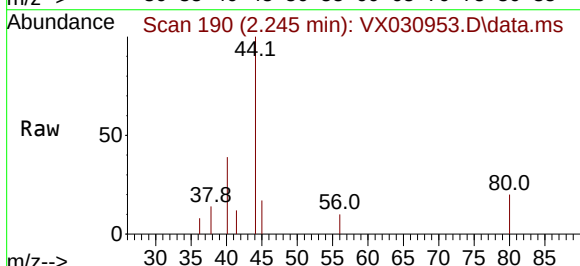
Acq: 30 Aug 2022 20:54

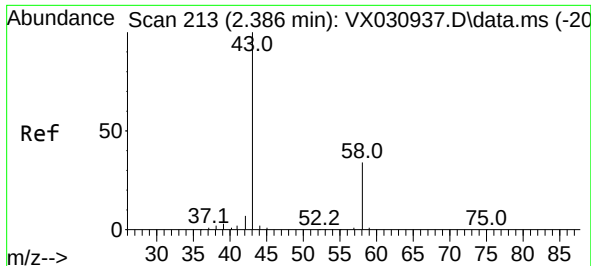
Tgt Ion: 56 Resp: 24

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

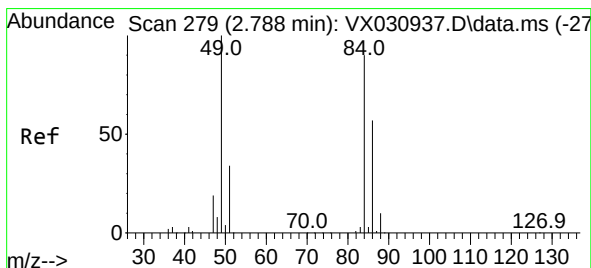
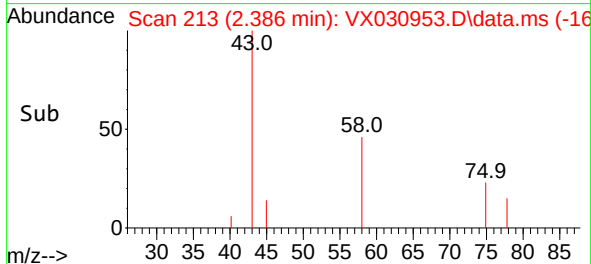
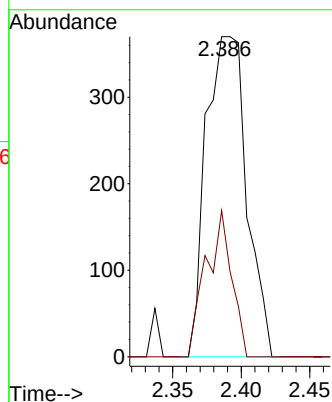
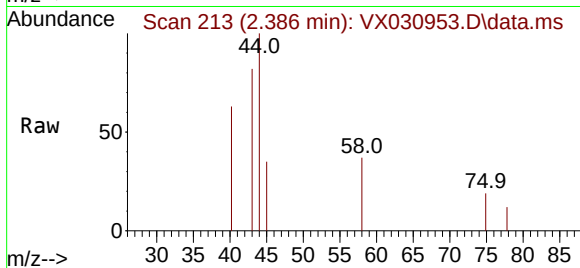




#16
Acetone
Concen: 0.584 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

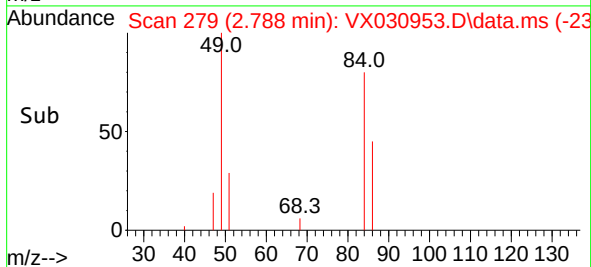
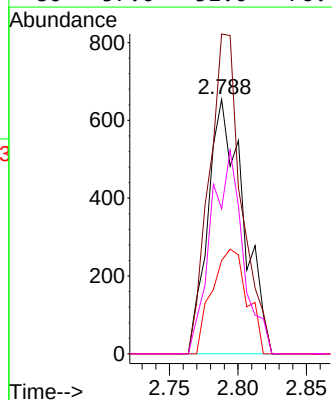
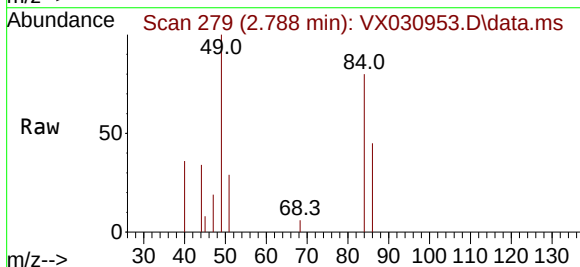
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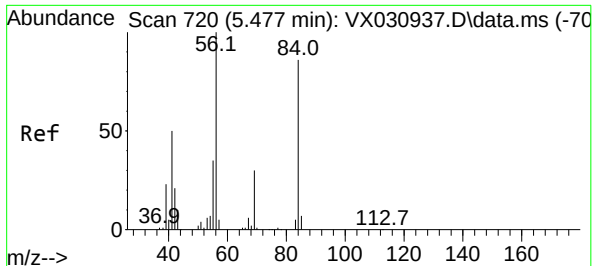
Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
58 45.7 27.7 41.5#



#20
Methylene Chloride
Concen: 0.394 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

Tgt Ion: 84 Resp: 1173
Ion Ratio Lower Upper
84 100
49 125.7 93.8 140.6
51 36.7 29.4 44.0
86 57.0 51.0 76.4

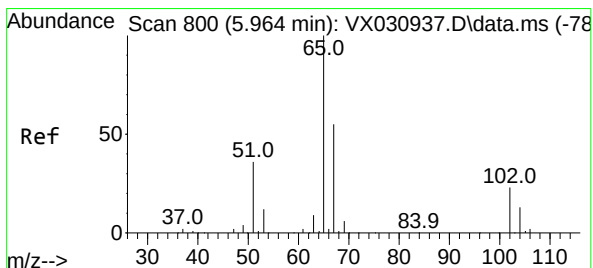
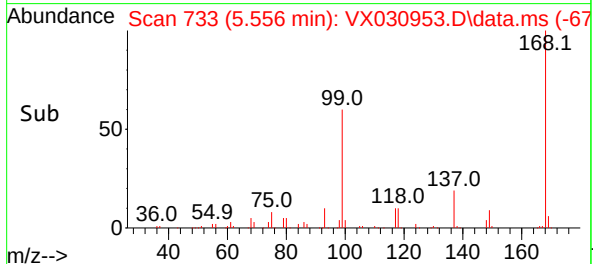
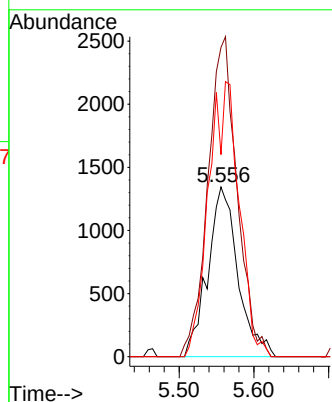
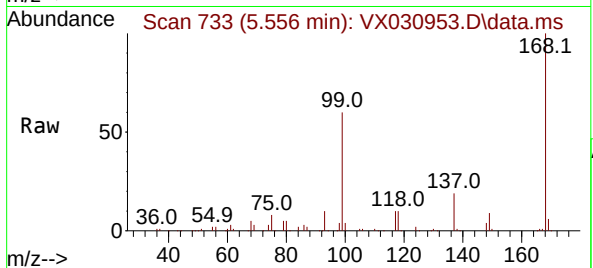




#31
Cyclohexane
Concen: 0.879 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

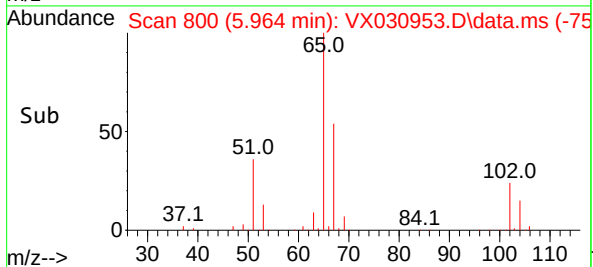
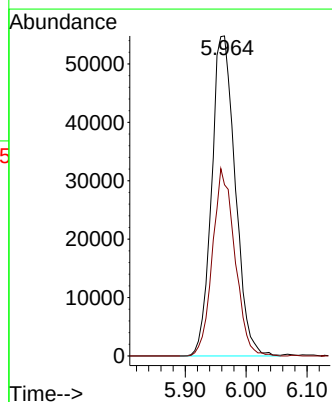
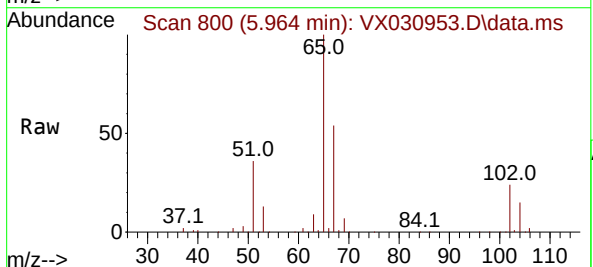
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ClientSampleId :
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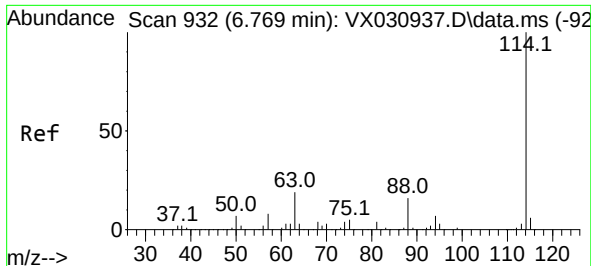
Tgt Ion: 56 Resp: 3774
Ion Ratio Lower Upper
56 100
69 182.4 25.4 38.0#
84 119.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.817 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

Tgt Ion: 65 Resp: 147420
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6

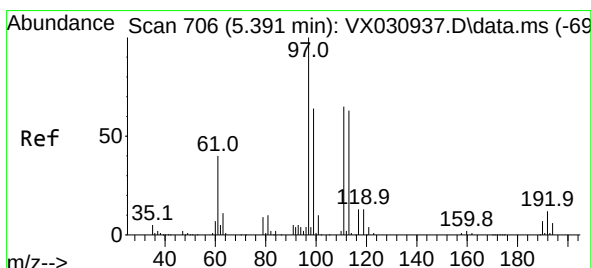
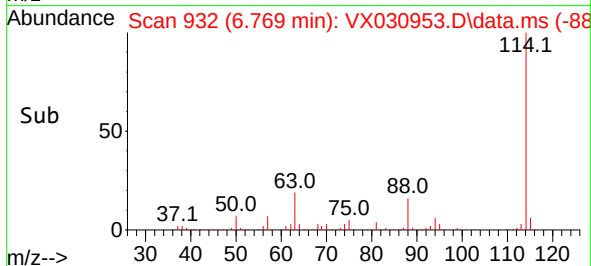
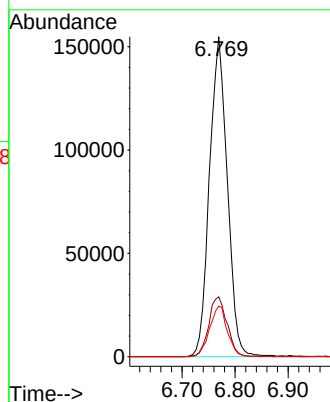
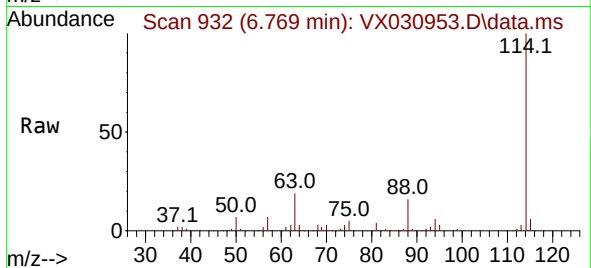




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

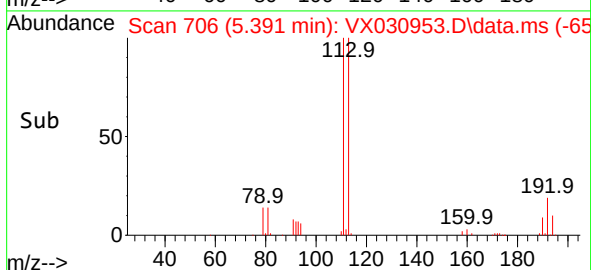
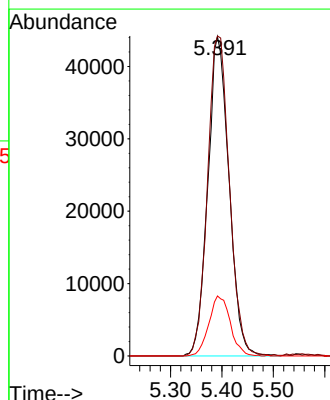
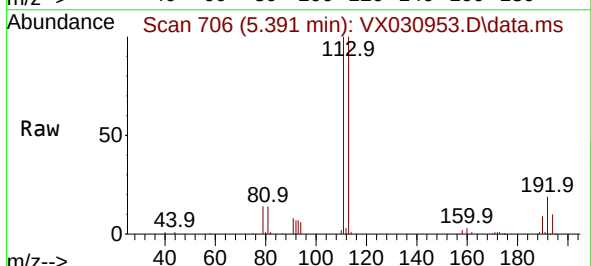
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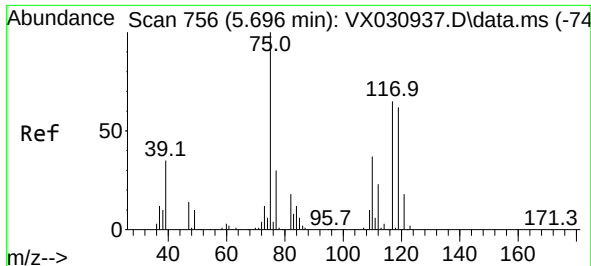
Tgt Ion:114 Resp: 362017
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.354 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

Tgt Ion:113 Resp: 126368
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 19.0 14.8 22.2

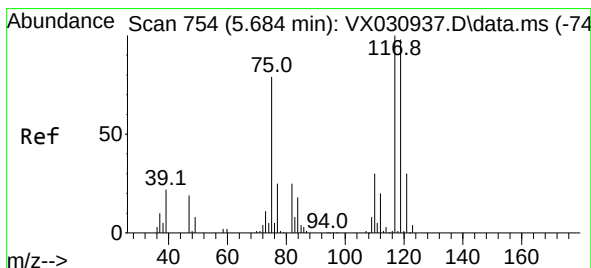
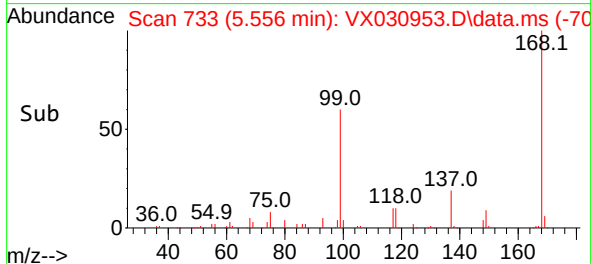
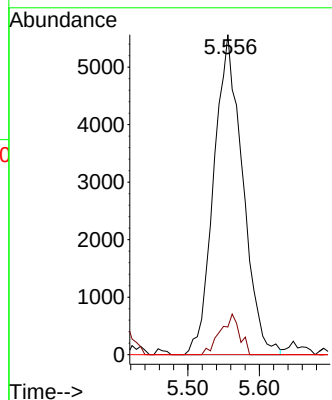
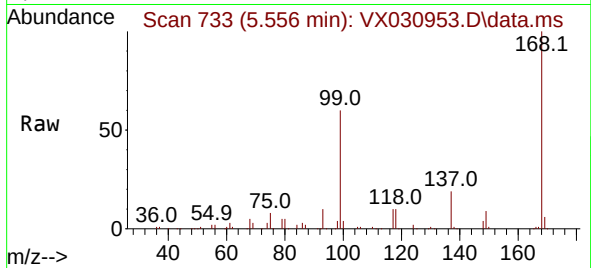




#36
1,1-Dichloropropene
Concen: 3.928 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

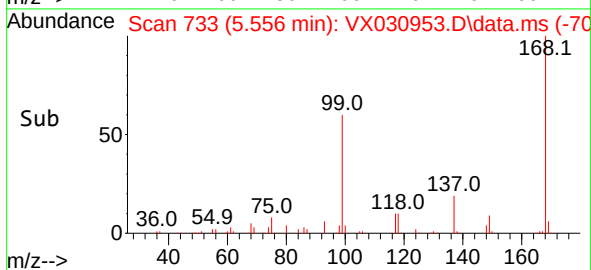
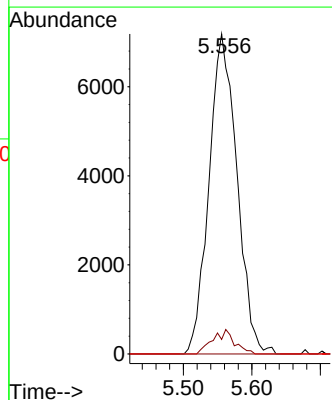
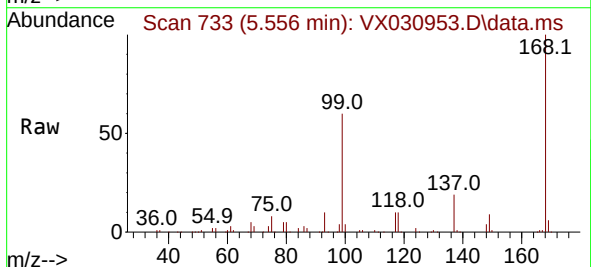
Instrument :
MSVOA_X
ClientSampleId :
MW305D-20220820DL

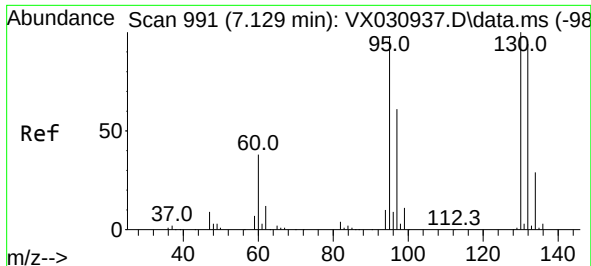
Tgt Ion: 75 Resp: 15581
Ion Ratio Lower Upper
75 100
110 8.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

Tgt Ion: 117 Resp: 20352
Ion Ratio Lower Upper
117 100
119 4.6 74.1 111.1#
121 0.0 25.8 38.8#

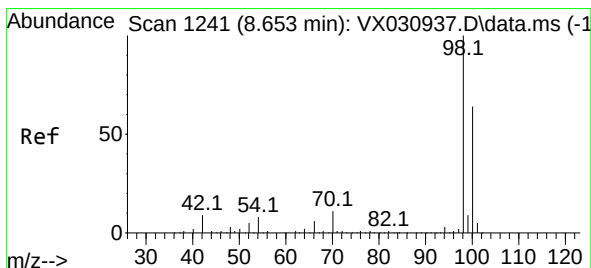
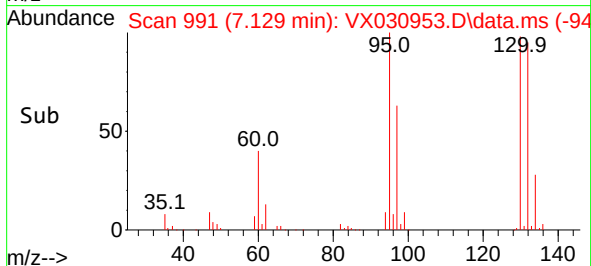
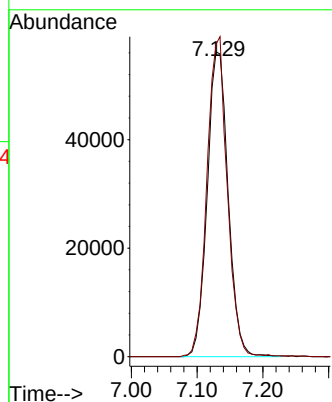
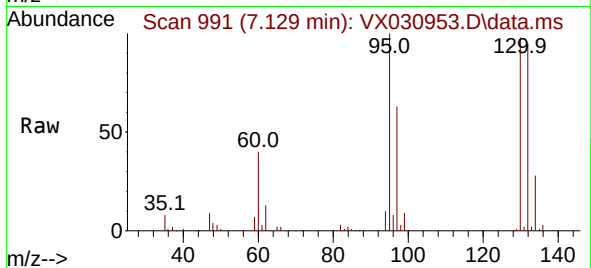




#44
 Trichloroethene
 Concen: 36.914 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030953.D
 Acq: 30 Aug 2022 20:54

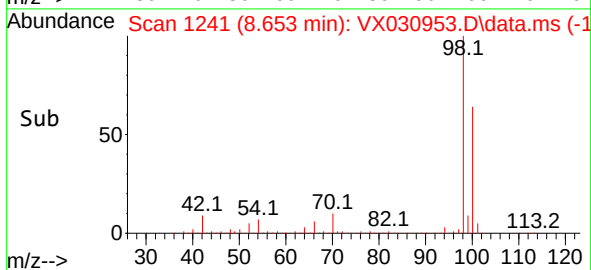
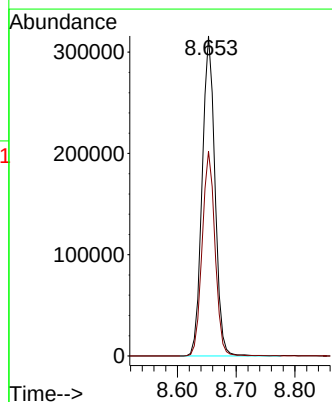
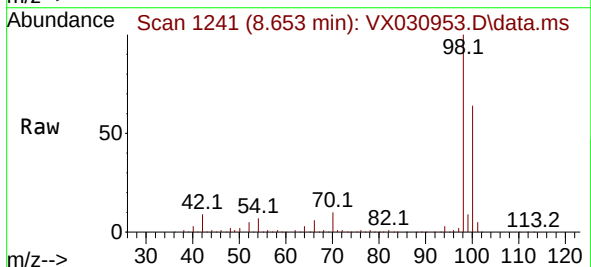
Instrument :
 MSVOA_X
 ClientSampleId :
 MW305D-20220820DL

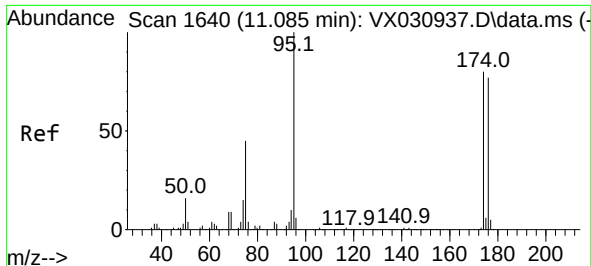
Tgt Ion:130 Resp: 124317
 Ion Ratio Lower Upper
 130 100
 95 102.5 0.0 194.8



#50
 Toluene-d8
 Concen: 48.359 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX030953.D
 Acq: 30 Aug 2022 20:54

Tgt Ion: 98 Resp: 477923
 Ion Ratio Lower Upper
 98 100
 100 63.9 52.3 78.5

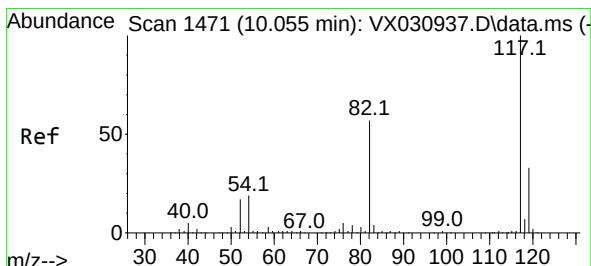
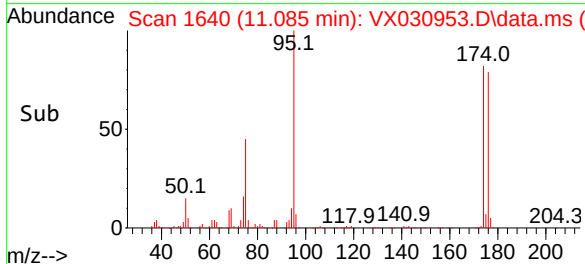
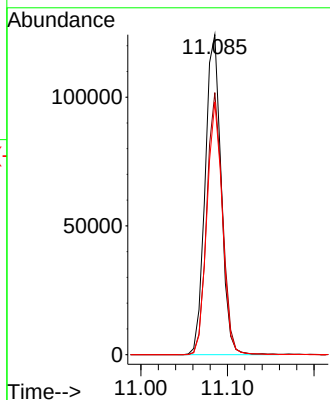
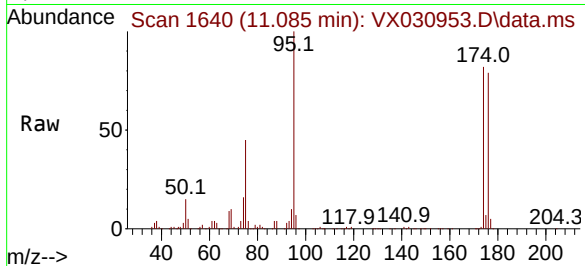




#62
4-Bromofluorobenzene
Concen: 45.146 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

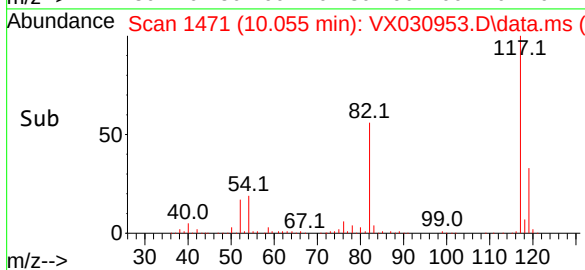
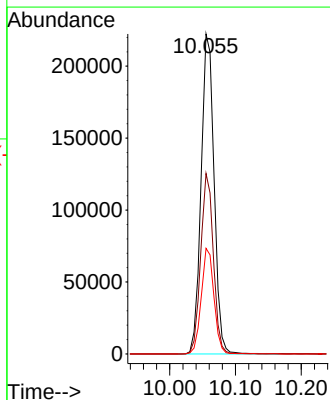
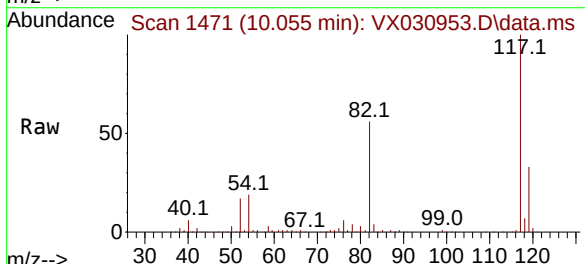
Instrument :
MSVOA_X
ClientSampleId :
MW305D-20220820DL

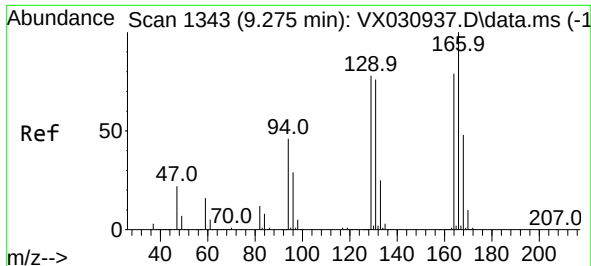
Tgt Ion: 95 Resp: 158882
Ion Ratio Lower Upper
95 100
174 80.7 0.0 149.0
176 76.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

Tgt Ion: 117 Resp: 305837
Ion Ratio Lower Upper
117 100
82 56.4 42.7 64.1
119 33.0 25.4 38.2

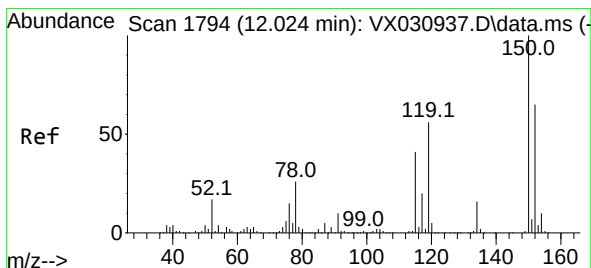
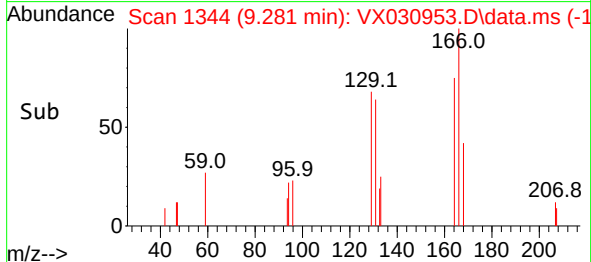
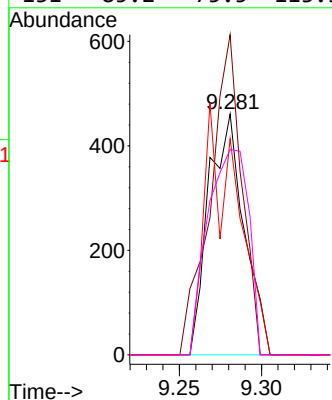
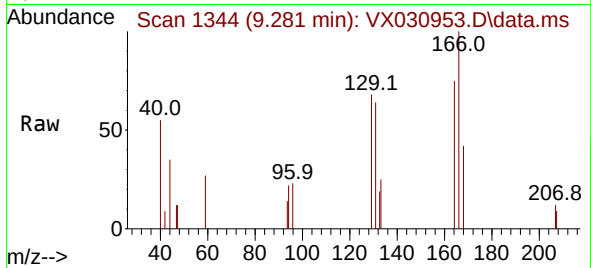




#64
Tetrachloroethene
Concen: 0.239 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

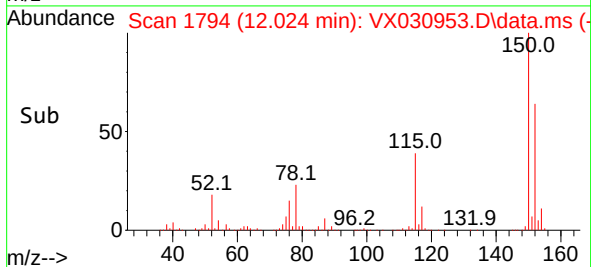
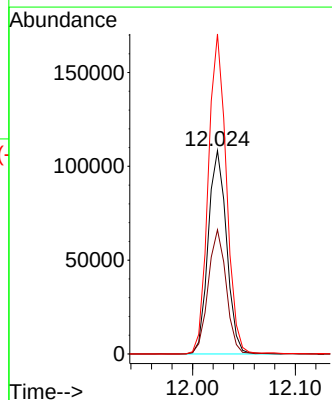
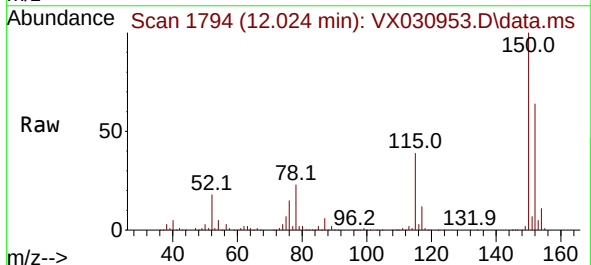
Instrument :
MSVOA_X
ClientSampleId :
MW305D-20220820DL

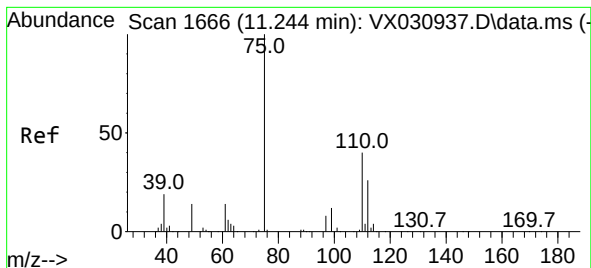
Tgt Ion:164	Resp:	692	
Ion	Ratio	Lower	Upper
164	100		
166	133.0	98.2	147.4
129	89.8	80.8	121.2
131	85.2	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030953.D
Acq: 30 Aug 2022 20:54

Tgt Ion:152	Resp:	135028	
Ion	Ratio	Lower	Upper
152	100		
115	60.1	40.5	121.5
150	154.5	0.0	347.0





#76

1,2,3-Trichloropropane

Concen: 22.968 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX030953.D

Acq: 30 Aug 2022 20:54

Instrument :

MSVOA_X

ClientSampleId :

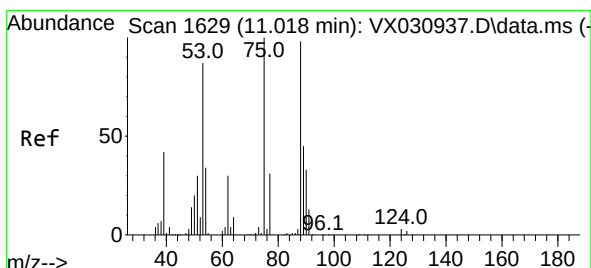
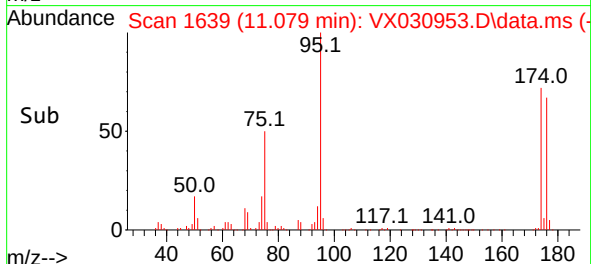
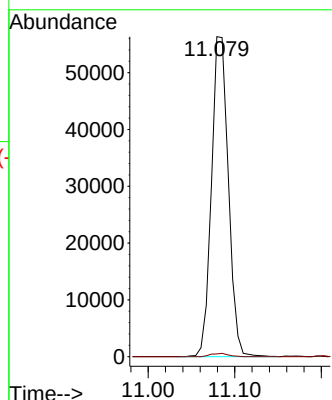
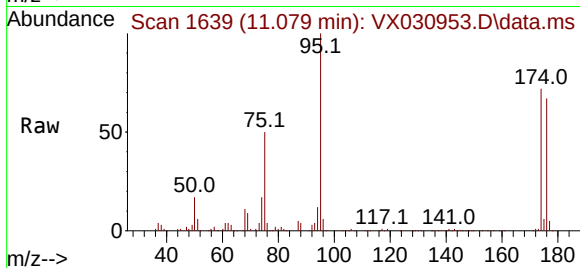
MW305D-20220820DL

Tgt Ion: 75 Resp: 76350

Ion Ratio Lower Upper

75 100

77 1.1 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.286 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.055 min

Lab File: VX030953.D

Acq: 30 Aug 2022 20:54

Tgt Ion: 75 Resp: 76350

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

