

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030231.D
 Acq On : 27 Jul 2022 15:04
 Operator : JC/MD
 Sample : N3765-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-04-07132022

Quant Time: Jul 28 05:50:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

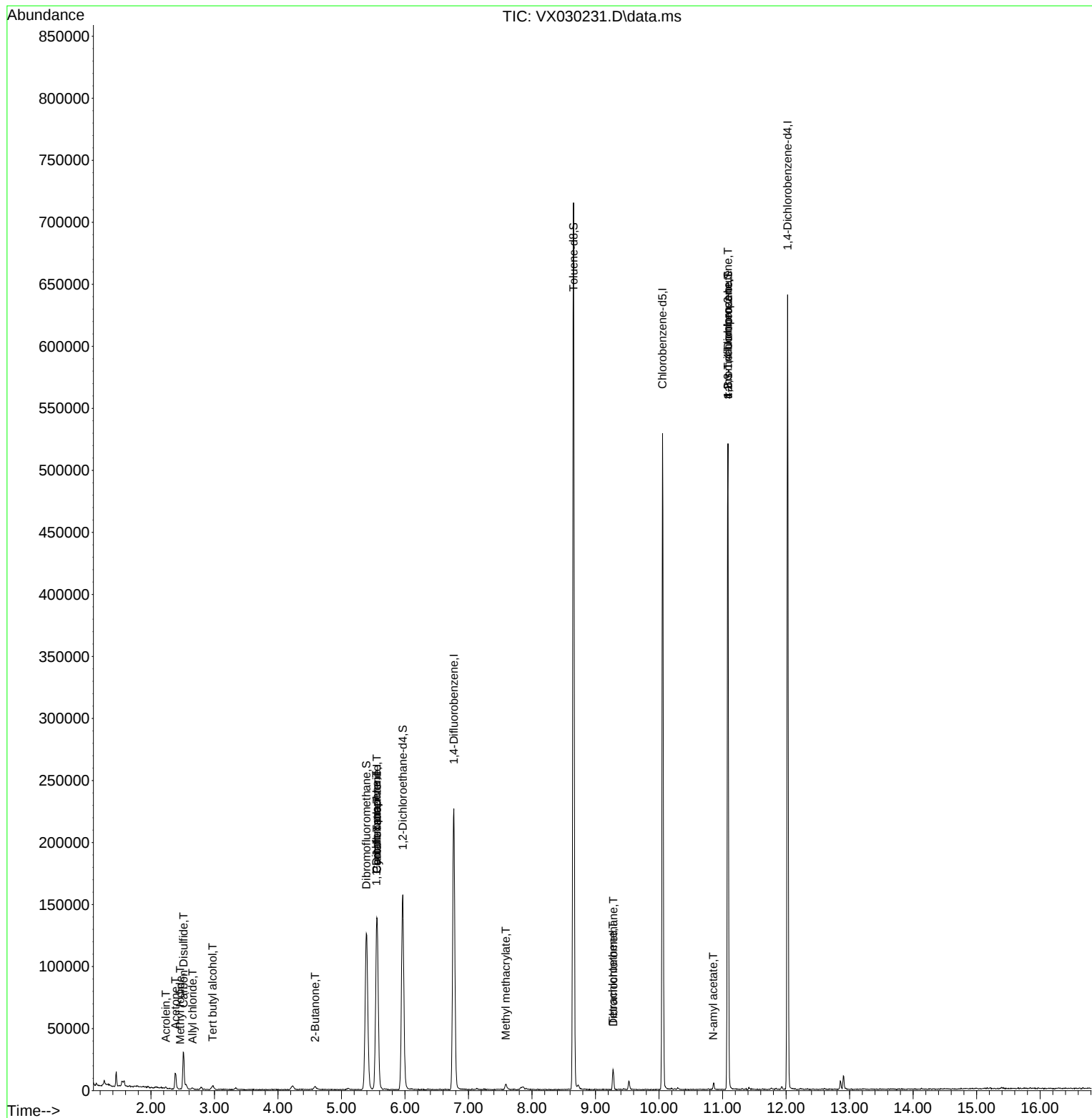
Internal Standards						
1) Pentafluorobenzene	5.556	168	127404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144148	56.291	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.580%
35) Dibromofluoromethane	5.391	113	114896	52.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.100%
50) Toluene-d8	8.653	98	415382	48.589	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.085	95	143411	45.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	313	Below Cal	#	28
10) Methyl Iodide	2.459	142	183	1.614	ug/l #	45
11) Tert butyl alcohol	2.971	59	3501	5.605	ug/l #	94
13) Acrolein	2.233	56	99	0.645	ug/l #	14
14) Allyl chloride	2.654	41	1425	0.347	ug/l #	60
16) Acetone	2.386	43	13973	10.658	ug/l	90
17) Carbon Disulfide	2.514	76	37724	7.022	ug/l	95
20) Methylene Chloride	2.800	84	679	Below Cal	#	92
25) 2-Butanone	4.587	43	4378	1.987	ug/l #	89
31) Cyclohexane	5.556	56	2937	0.790	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11212	3.529	ug/l #	47
38) Carbon Tetrachloride	5.556	117	13372	4.509	ug/l #	17
48) Methyl methacrylate	7.586	41	1601	0.493	ug/l #	28
60) Dibromochloromethane	9.281	129	3160	1.315	ug/l #	11
64) Tetrachloroethene	9.275	164	2959	1.195	ug/l	94
67) Ethyl Benzene	10.195	91	673	Below Cal	#	88
74) N-amyl acetate	10.854	43	1137	0.232	ug/l #	52
76) 1,2,3-Trichloropropane	11.085	75	72242	21.263	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	72242	63.788	ug/l #	13

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

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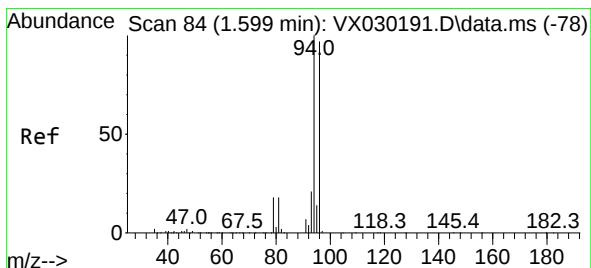
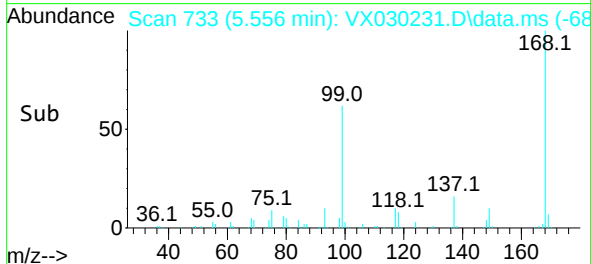
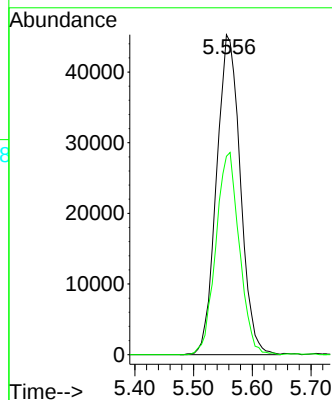
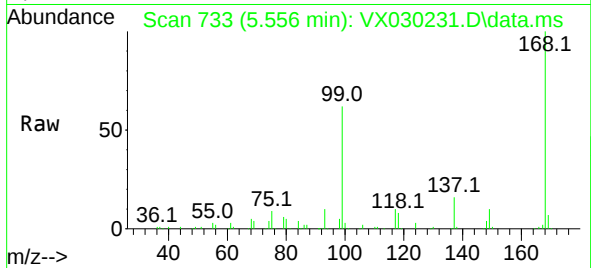




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

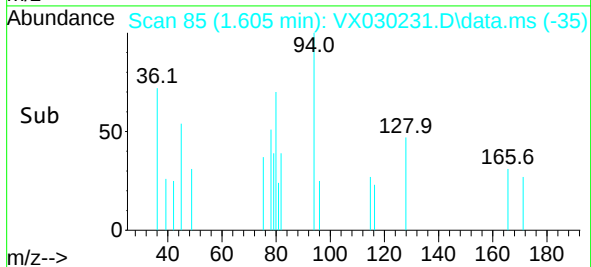
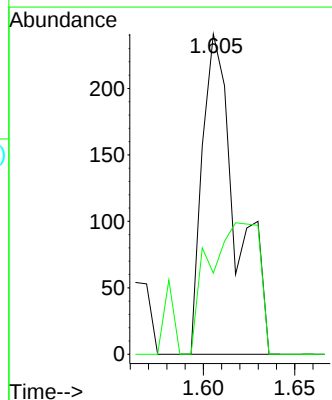
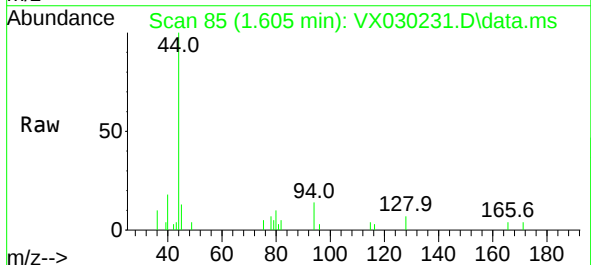
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

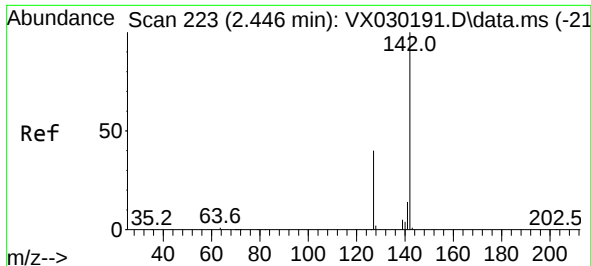
Tgt Ion:168 Resp: 127404
Ion Ratio Lower Upper
168 100
99 62.0 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 25.3 76.9 115.3#

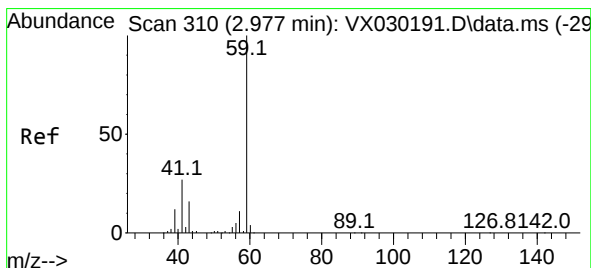
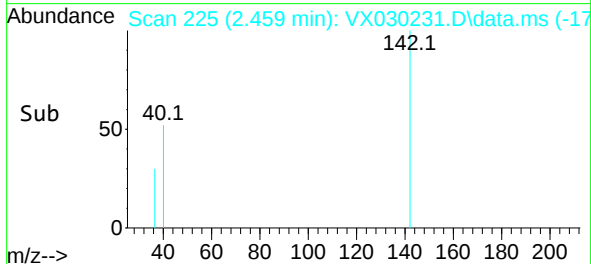
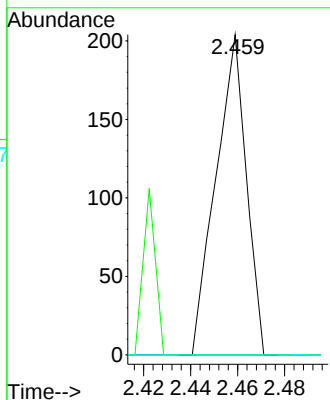
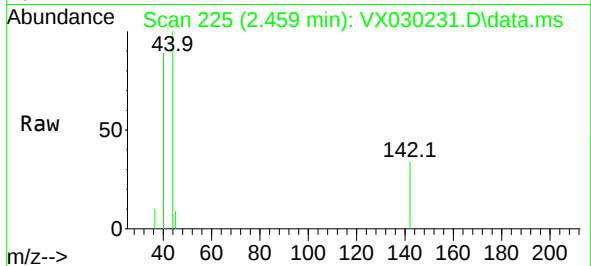




#10
Methyl Iodide
Concen: 1.614 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

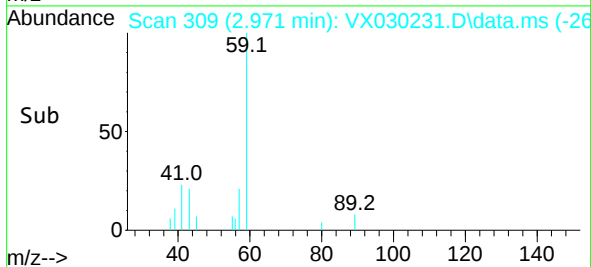
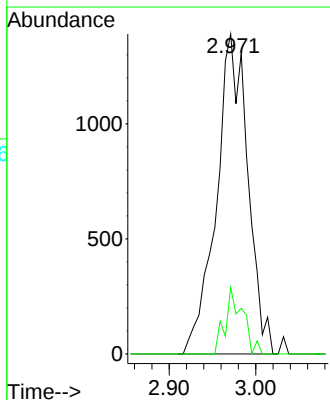
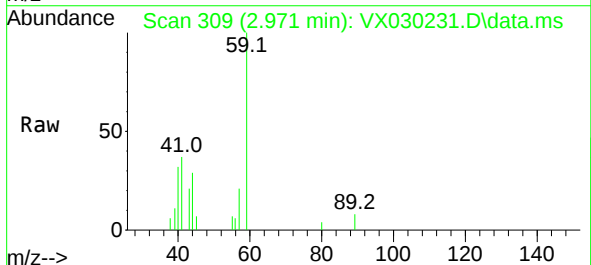
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

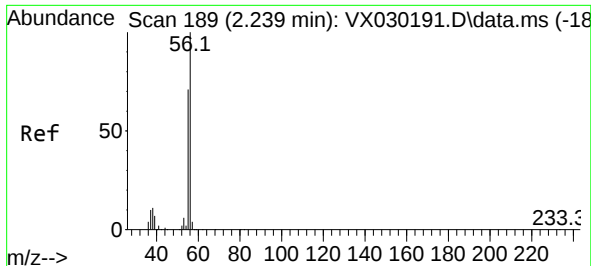
Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 5.605 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

Tgt Ion: 59 Resp: 3501
Ion Ratio Lower Upper
59 100
57 11.6 7.4 11.2#

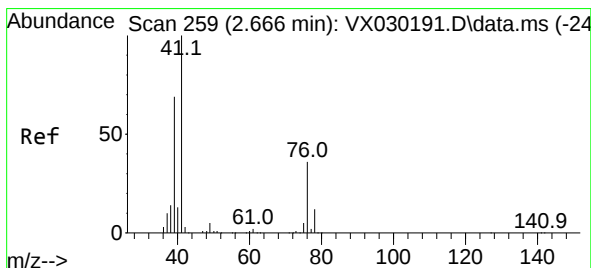
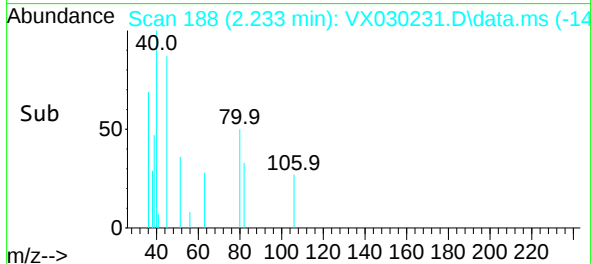
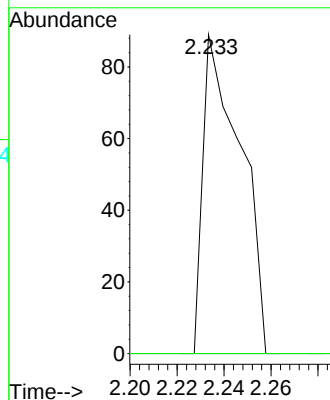
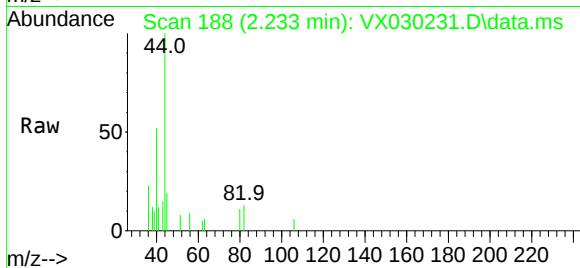




#13
Acrolein
Concen: 0.645 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

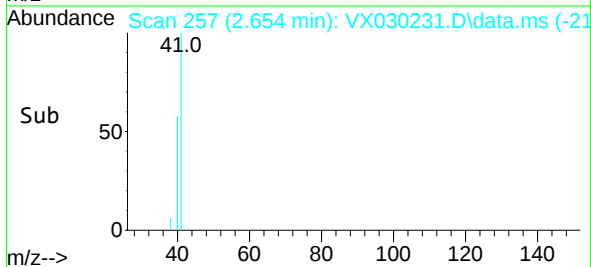
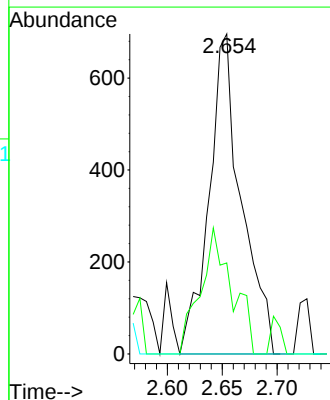
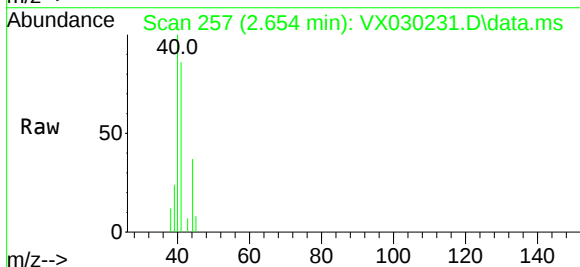
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

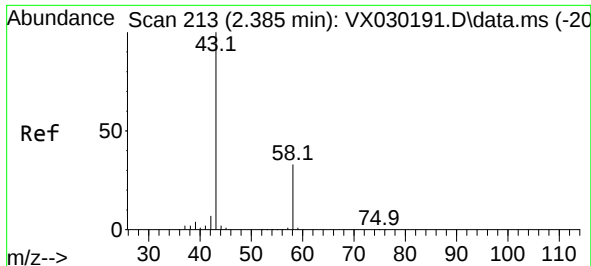
Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#14
Allyl chloride
Concen: 0.347 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

Tgt Ion: 41 Resp: 1425
Ion Ratio Lower Upper
41 100
39 38.7 48.9 73.3#
76 0.0 26.9 40.3#

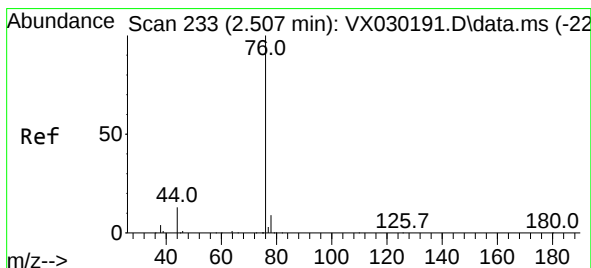
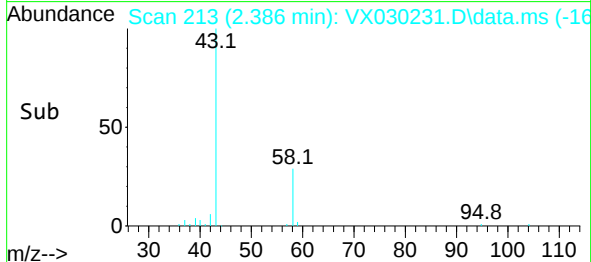
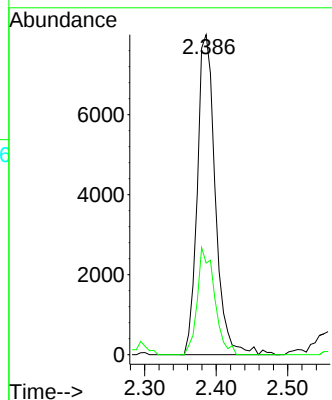
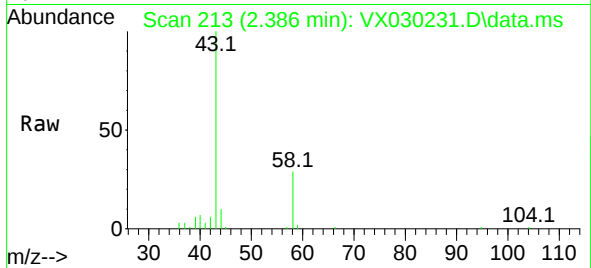




#16
Acetone
Concen: 10.658 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

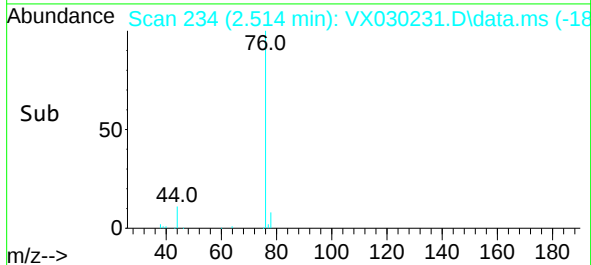
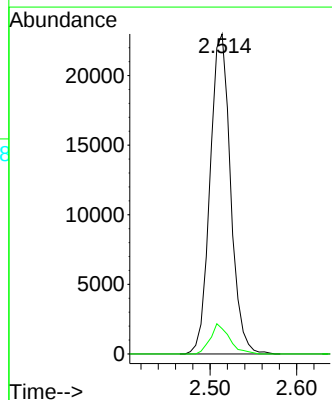
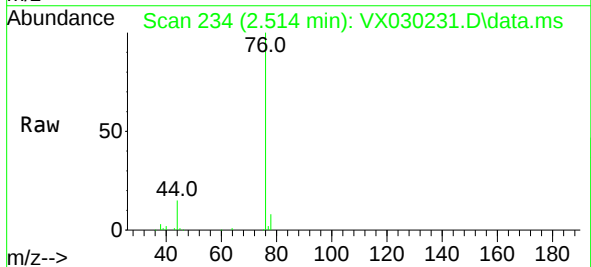
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

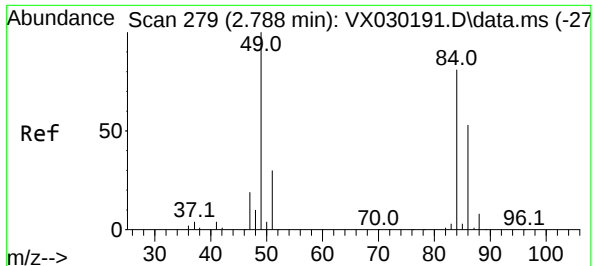
Tgt Ion: 43 Resp: 13973
Ion Ratio Lower Upper
43 100
58 28.6 27.7 41.5



#17
Carbon Disulfide
Concen: 7.022 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

Tgt Ion: 76 Resp: 37724
Ion Ratio Lower Upper
76 100
78 7.9 7.8 11.6





#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX030231.D

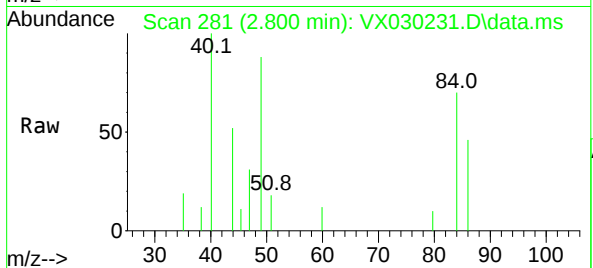
Acq: 27 Jul 2022 15:04

Instrument :

MSVOA_X

ClientSampleId :

EB-04-07132022



Tgt Ion: 84 Resp: 679

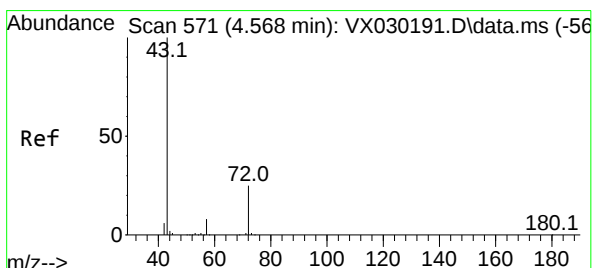
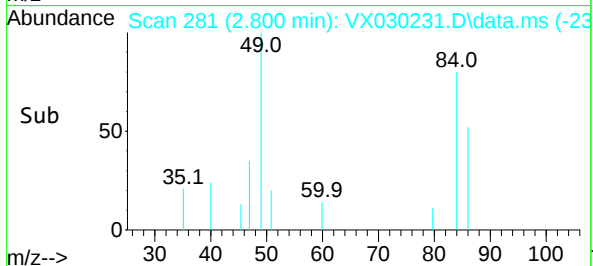
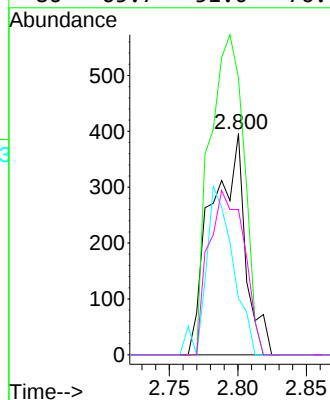
Ion Ratio Lower Upper

84 100

49 125.3 93.8 140.6

51 25.5 29.4 44.0#

86 65.7 51.0 76.4



#25

2-Butanone

Concen: 1.987 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX030231.D

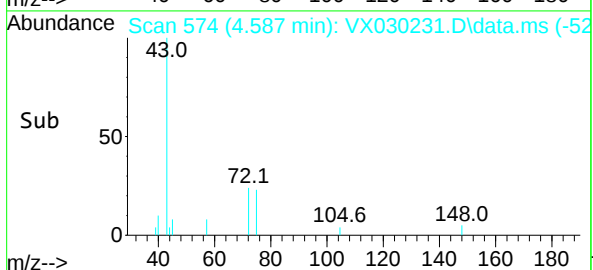
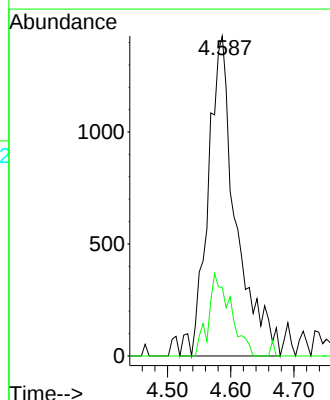
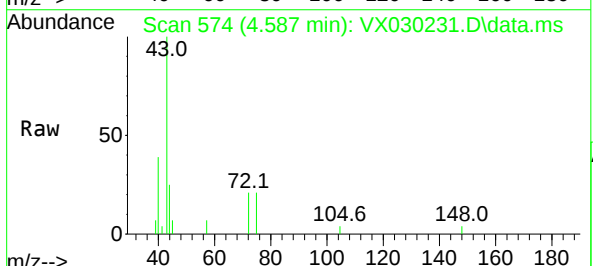
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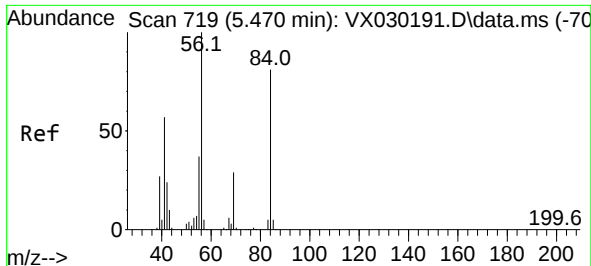
Tgt Ion: 43 Resp: 4378

Ion Ratio Lower Upper

43 100

72 21.4 21.7 32.5#

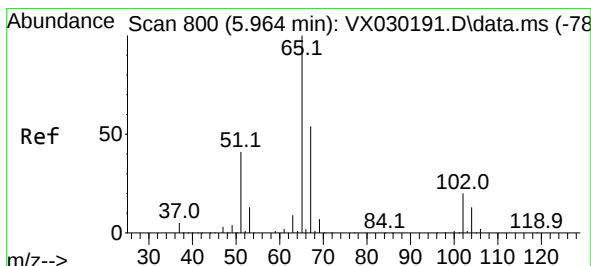
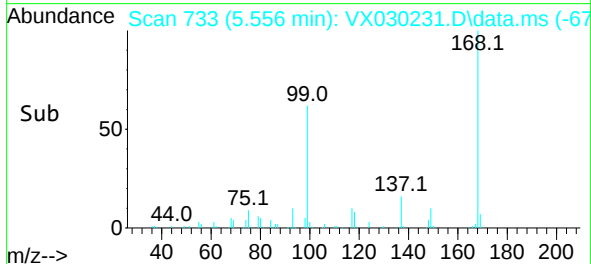
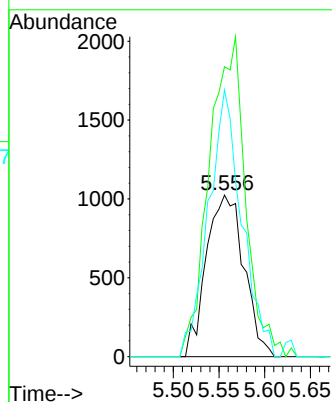
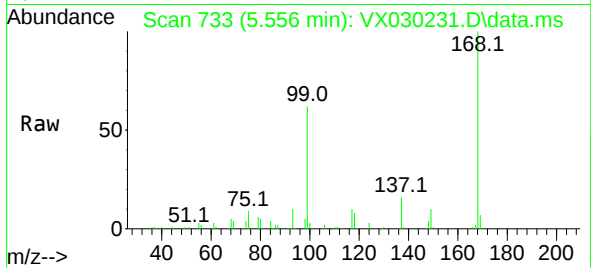




#31
Cyclohexane
Concen: 0.790 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

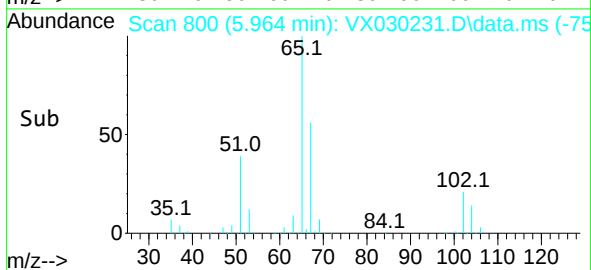
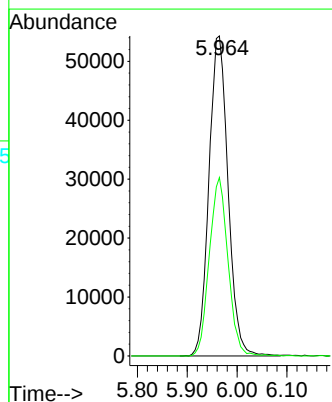
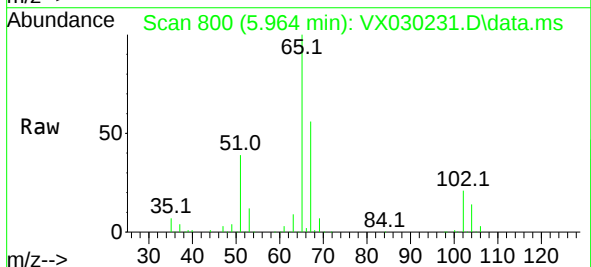
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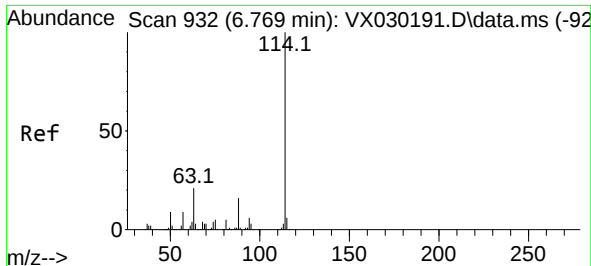
Tgt Ion: 56 Resp: 2937
Ion Ratio Lower Upper
56 100
69 179.3 25.4 38.0#
84 165.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 56.291 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

Tgt Ion: 65 Resp: 144148
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6

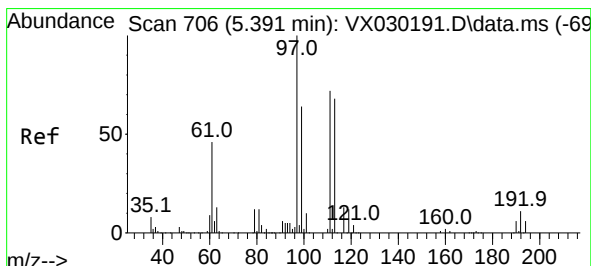
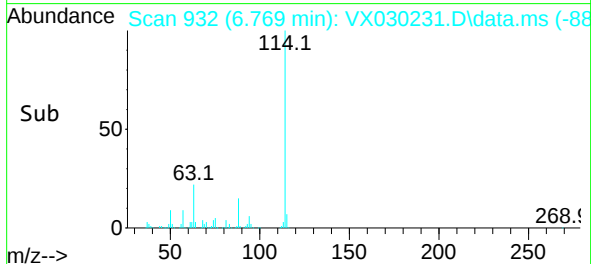
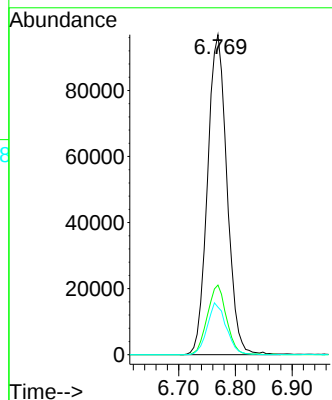
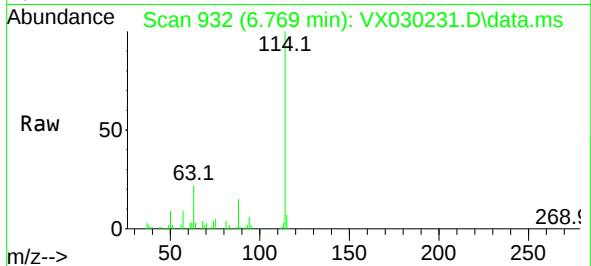




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

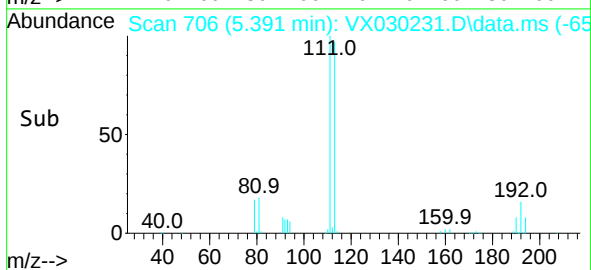
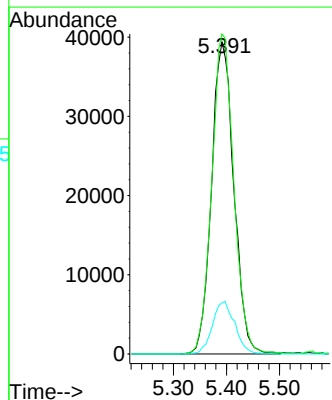
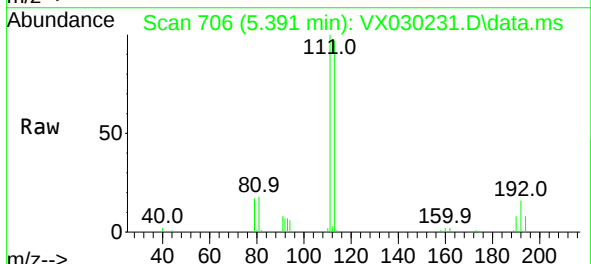
Instrument :
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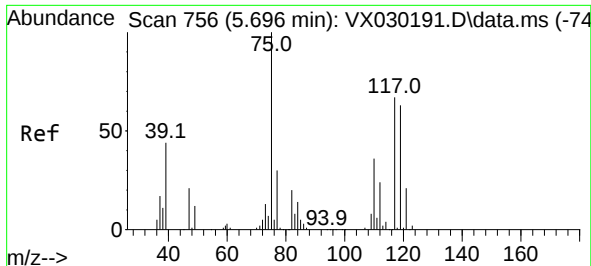
Tgt Ion:114 Resp: 230923
Ion Ratio Lower Upper
114 100
63 21.8 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.048 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

Tgt Ion:113 Resp: 114896
Ion Ratio Lower Upper
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111 101.8 83.2 124.8
192 16.9 14.8 22.2

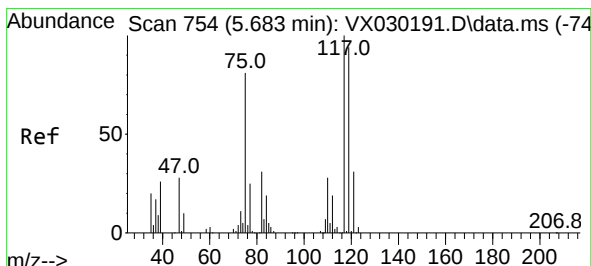
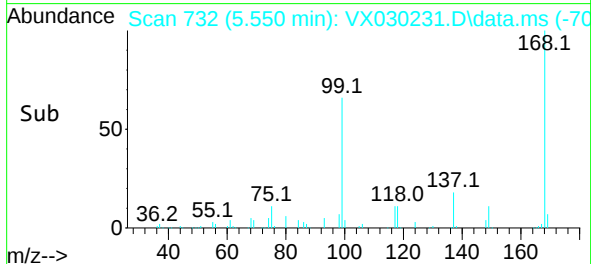
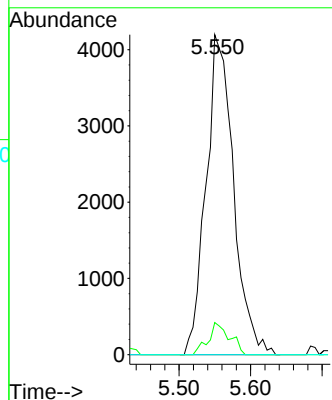
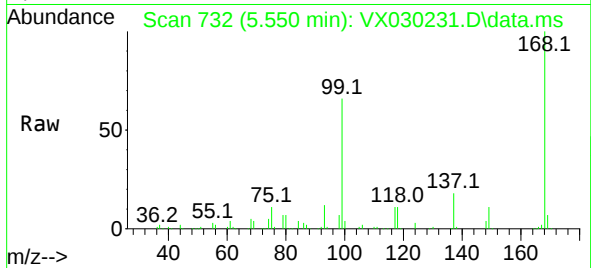




#36
1,1-Dichloropropene
Concen: 3.529 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

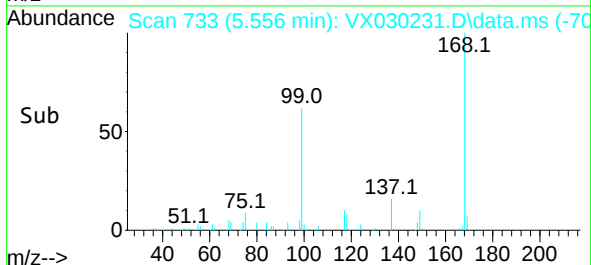
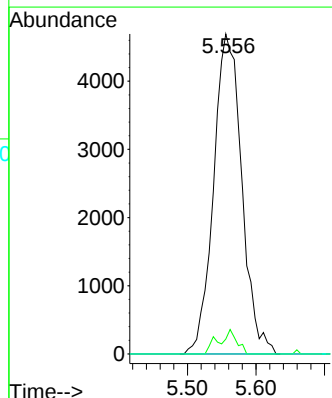
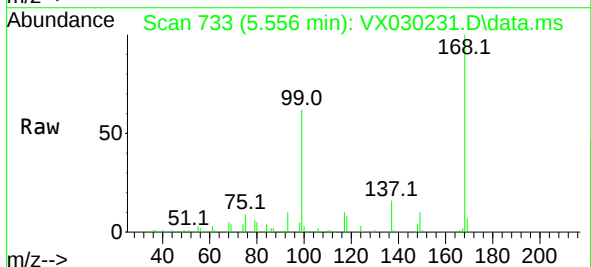
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

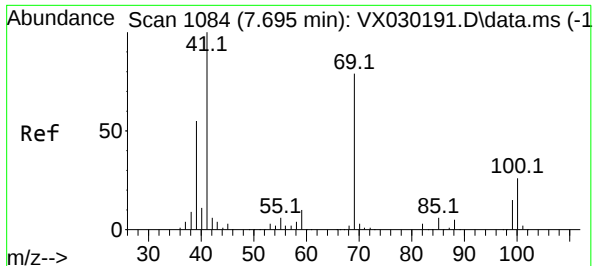
Tgt Ion: 75 Resp: 11212
Ion Ratio Lower Upper
75 100
110 7.8 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.509 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

Tgt Ion: 117 Resp: 13372
Ion Ratio Lower Upper
117 100
119 4.6 74.1 111.1#
121 0.0 25.8 38.8#





#48

Methyl methacrylate

Concen: 0.493 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.109 min

Lab File: VX030231.D

Acq: 27 Jul 2022 15:04

Instrument :

MSVOA_X

ClientSampleId :

EB-04-07132022

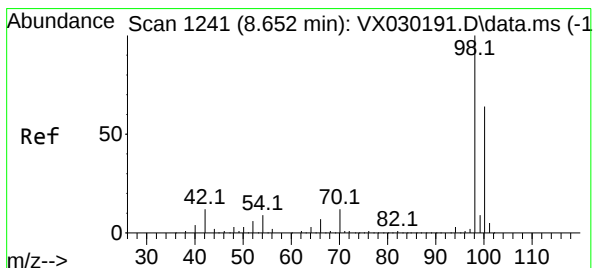
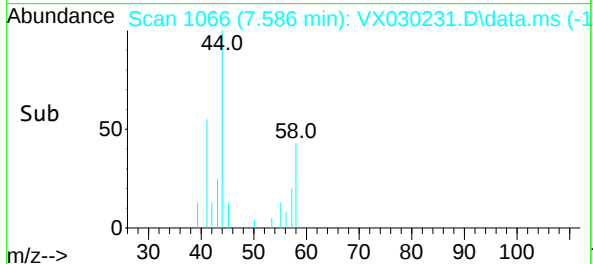
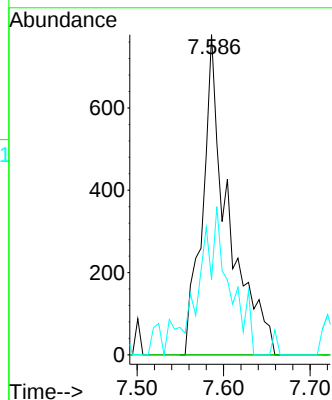
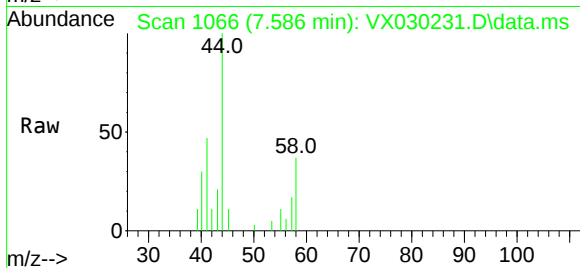
Tgt Ion: 41 Resp: 1601

Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

39 27.7 44.6 66.8#



#50

Toluene-d8

Concen: 48.589 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030231.D

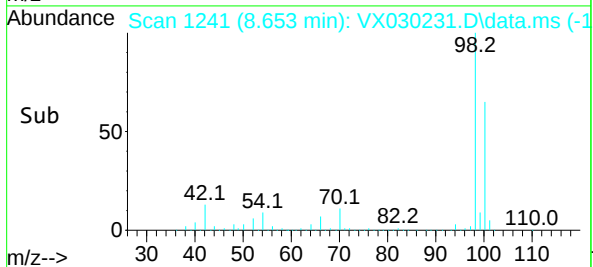
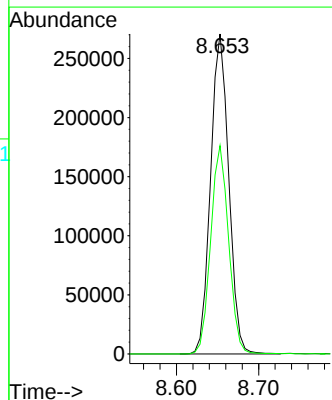
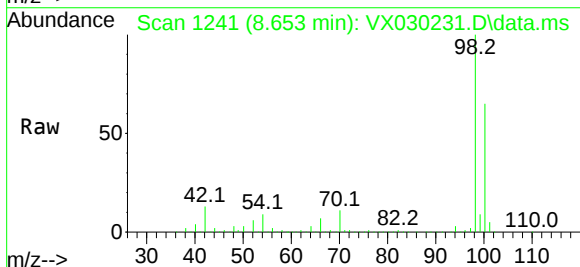
Acq: 27 Jul 2022 15:04

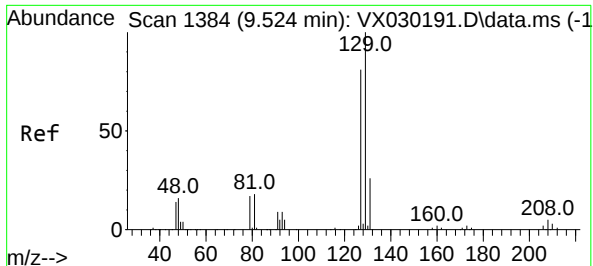
Tgt Ion: 98 Resp: 415382

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5

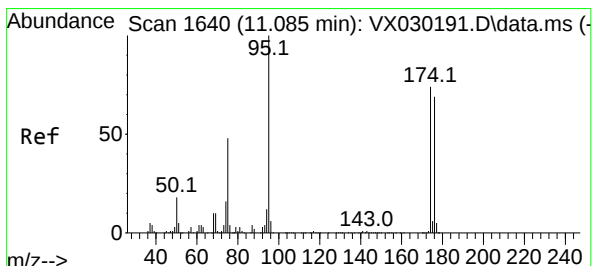
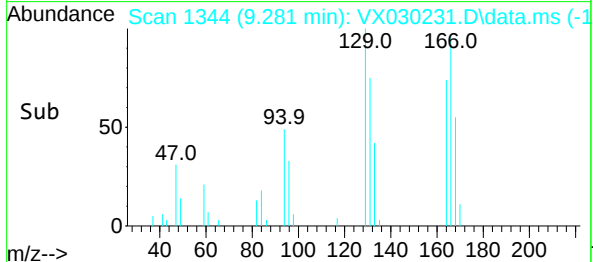
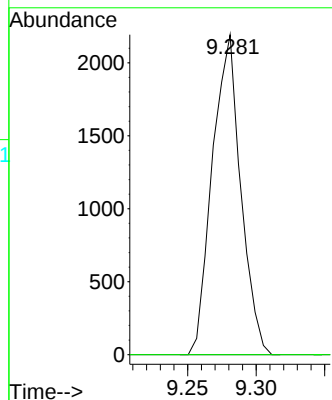
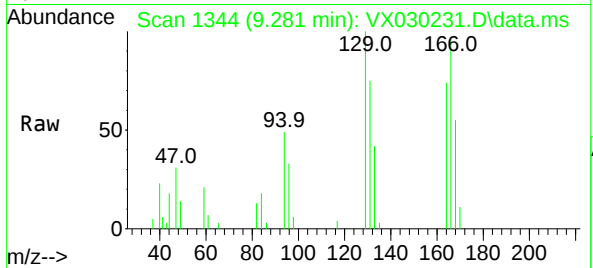




#60
Dibromochloromethane
Concen: 1.315 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.243 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

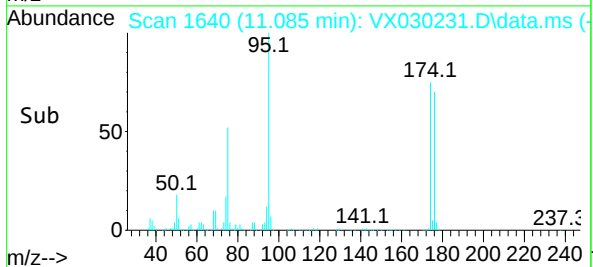
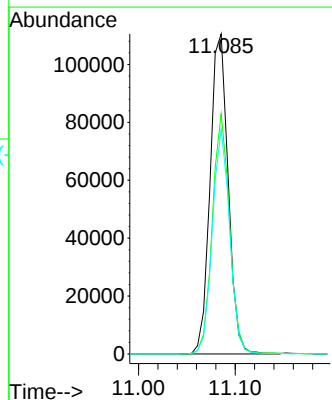
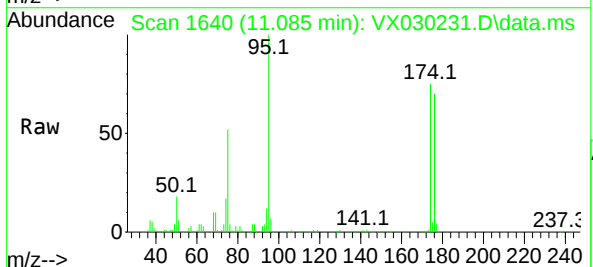
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

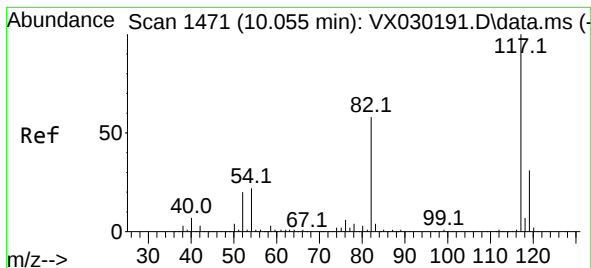
Tgt Ion:129 Resp: 3160
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 45.201 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

Tgt Ion: 95 Resp: 143411
Ion Ratio Lower Upper
95 100
174 72.0 0.0 149.0
176 67.5 0.0 146.0



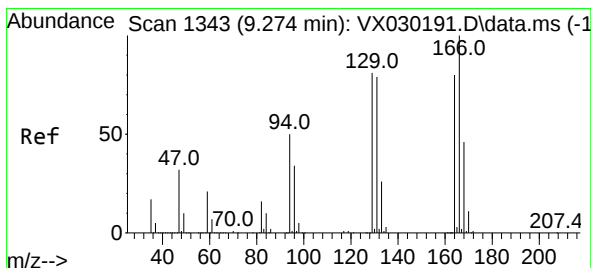
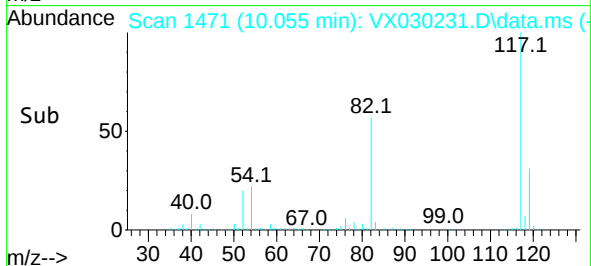
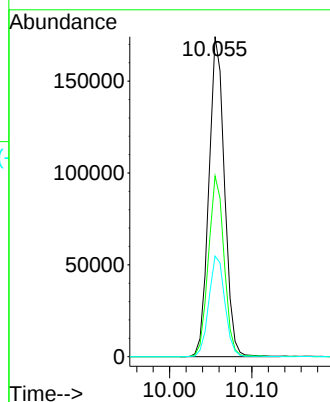
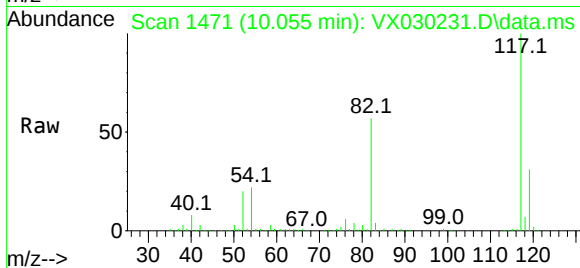


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

Instrument : MSVOA_X
ClientSampleId : EB-04-07132022

Tgt Ion:117 Resp: 229953

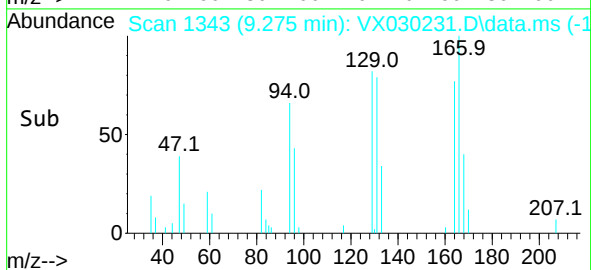
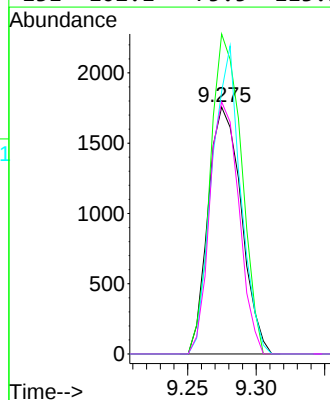
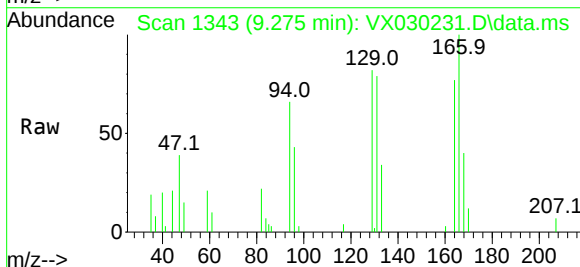
Ion	Ratio	Lower	Upper
117	100		
82	56.5	42.7	64.1
119	31.5	25.4	38.2

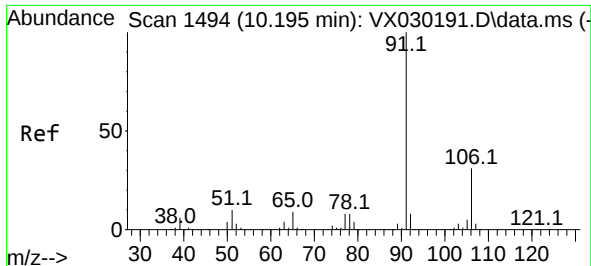


#64
Tetrachloroethene
Concen: 1.195 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

Tgt Ion:164 Resp: 2959

Ion	Ratio	Lower	Upper
164	100		
166	129.6	98.2	147.4
129	106.3	80.8	121.2
131	102.1	75.5	113.3





#67

Ethyl Benzene

Concen: Below Cal

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030231.D

Acq: 27 Jul 2022 15:04

Instrument :

MSVOA_X

ClientSampleId :

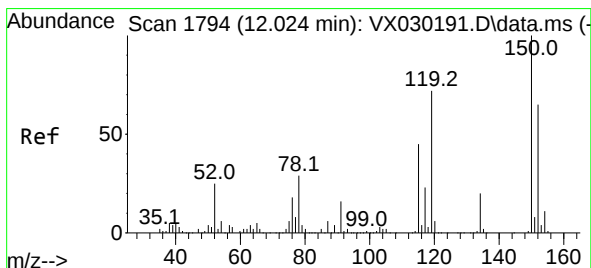
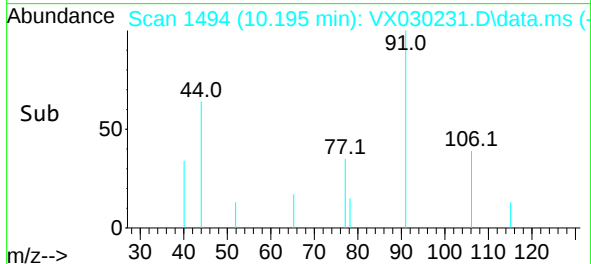
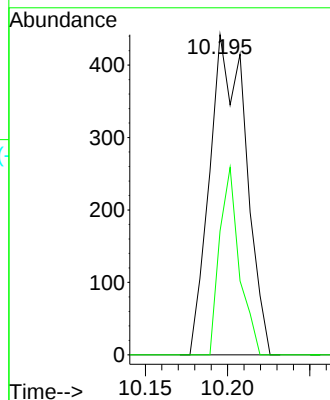
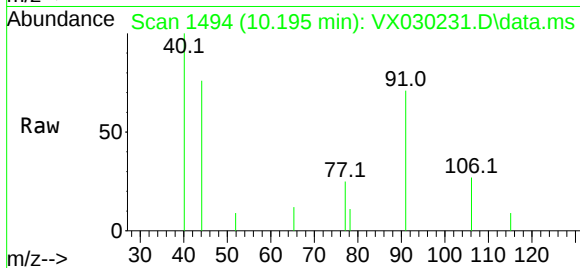
EB-04-07132022

Tgt Ion: 91 Resp: 673

Ion Ratio Lower Upper

91 100

106 38.7 25.5 38.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030231.D

Acq: 27 Jul 2022 15:04

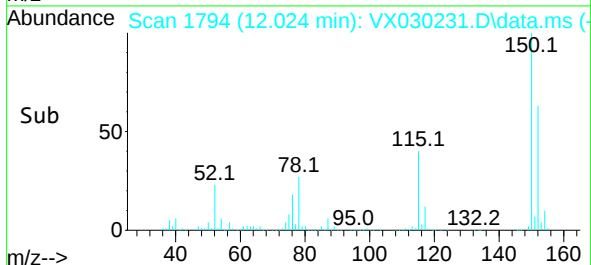
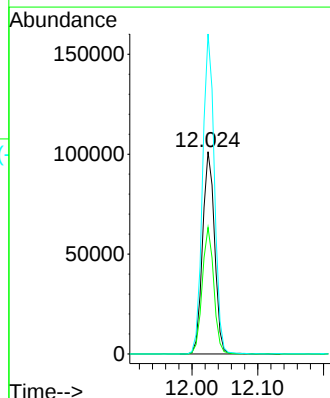
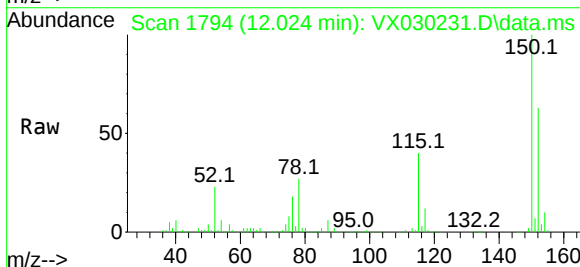
Tgt Ion: 152 Resp: 128892

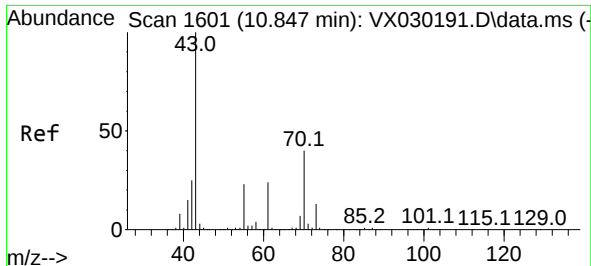
Ion Ratio Lower Upper

152 100

115 60.1 40.5 121.5

150 154.9 0.0 347.0

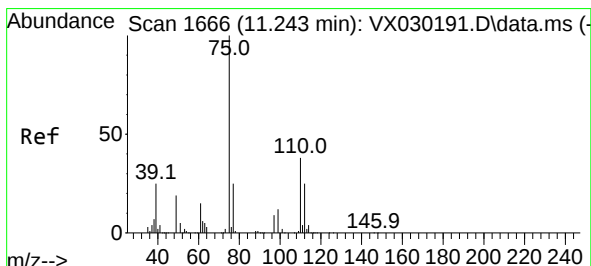
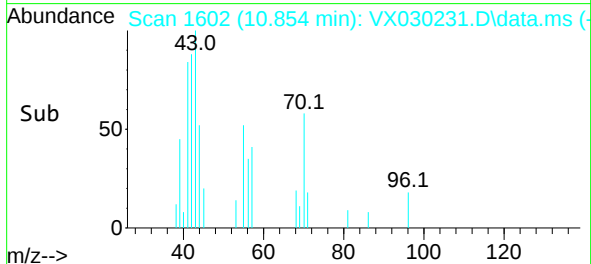
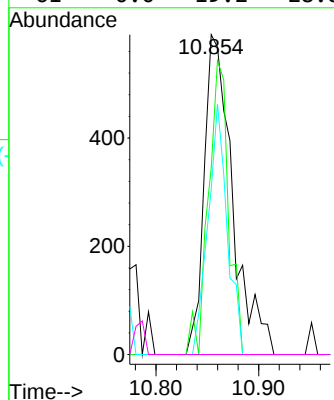
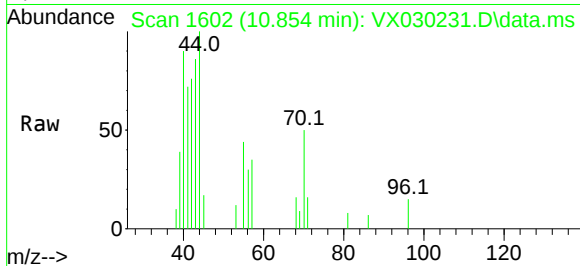




#74
N-amy1 acetate
Concen: 0.232 ug/l
RT: 10.854 min Scan# 1
Delta R.T. 0.007 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

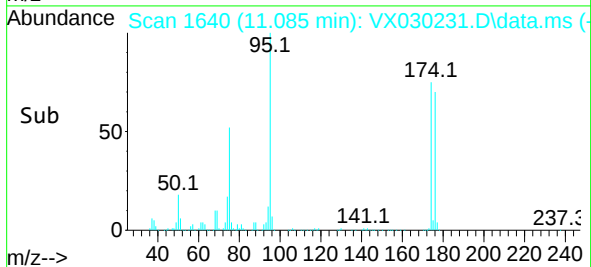
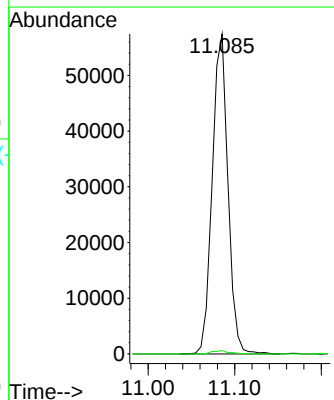
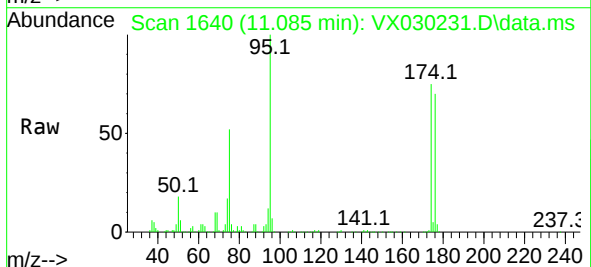
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

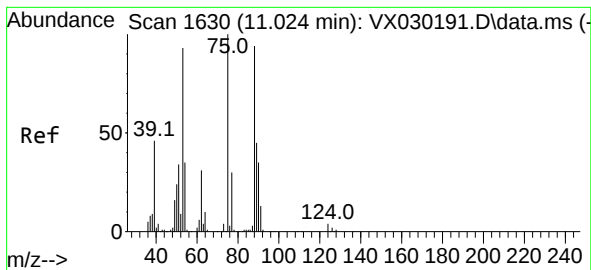
Tgt Ion: 43	Resp: 1137
Ion Ratio	Lower Upper
43 100	
70 65.7	32.3 48.5#
55 52.8	18.4 27.6#
61 0.0	19.2 28.8#



#76
1,2,3-Trichloropropane
Concen: 21.263 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030231.D
Acq: 27 Jul 2022 15:04

Tgt Ion: 75	Resp: 72242
Ion Ratio	Lower Upper
75 100	
77 1.2	19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.788 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX030231.D
 Acq: 27 Jul 2022 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-04-07132022

Tgt Ion: 75 Resp: 72242
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.2 34.8 52.2#

