

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
 Data File : VX030040.D
 Acq On : 13 Jul 2022 13:21
 Operator : JC/MD
 Sample : N3695-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-02-07112022

Quant Time: Jul 14 04:55:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

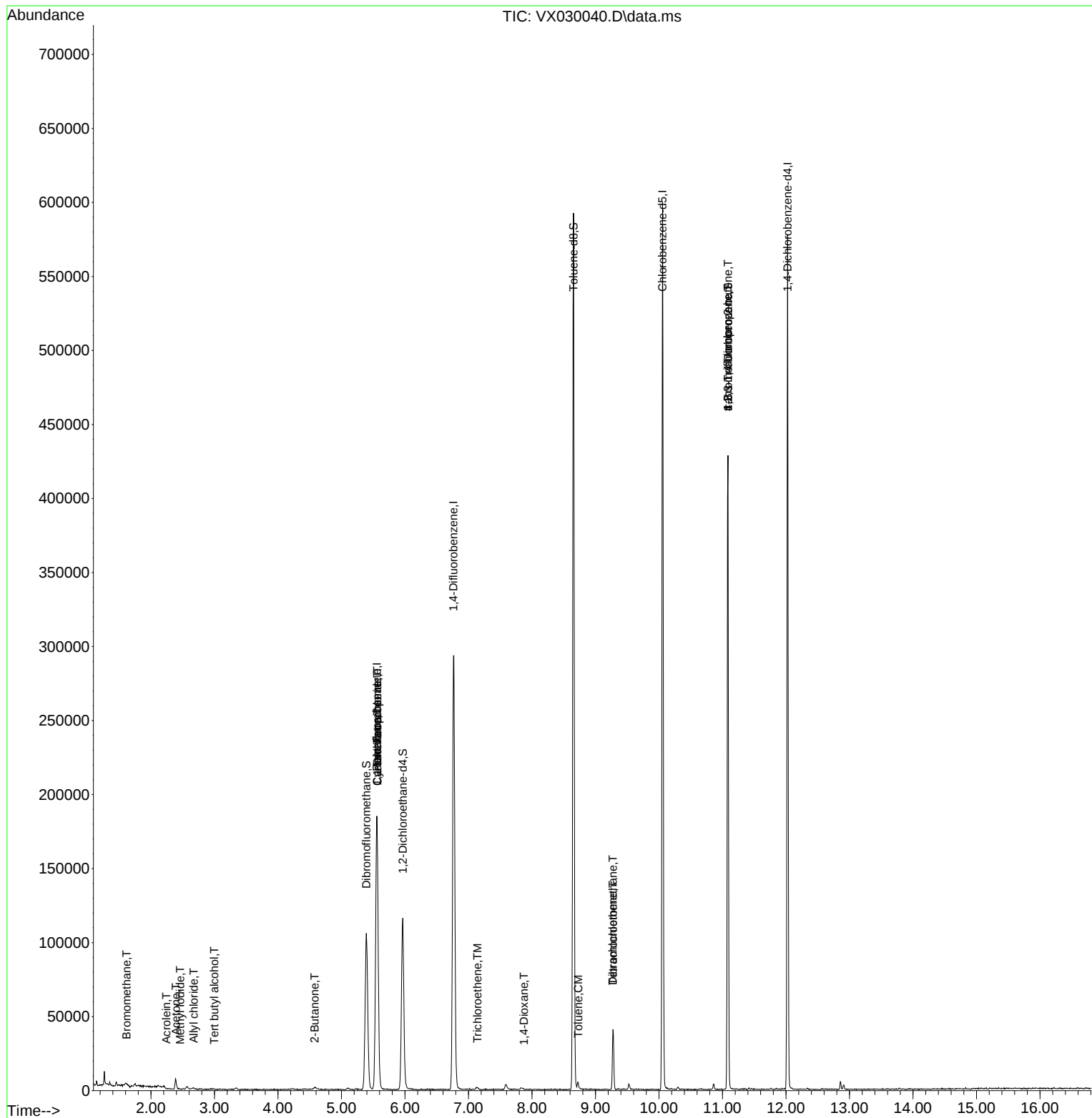
Internal Standards						
1) Pentafluorobenzene	5.556	168	184657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	319275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100209	44.585	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.160%
35) Dibromofluoromethane	5.391	113	93883	46.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	8.653	98	362996	47.320	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.640%
62) 4-Bromofluorobenzene	11.085	95	118335	44.452	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.368	85	26	Below Cal	#	42
5) Bromomethane	1.618	94	309	0.340	ug/l #	79
10) Methyl Iodide	2.459	142	184	2.503	ug/l #	70
11) Tert butyl alcohol	2.995	59	646	1.114	ug/l #	74
13) Acrolein	2.240	56	217	1.878	ug/l #	14
14) Allyl chloride	2.672	41	1101	0.335	ug/l #	44
16) Acetone	2.392	43	6743	6.367	ug/l	94
17) Carbon Disulfide	2.508	76	500	Below Cal	#	74
20) Methylene Chloride	2.794	84	172	Below Cal	#	39
25) 2-Butanone	4.574	43	2870	1.591	ug/l	94
31) Cyclohexane	5.562	56	3867	1.187	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	13505	5.126	ug/l #	48
38) Carbon Tetrachloride	5.562	117	17619	7.171	ug/l #	17
44) Trichloroethene	7.141	130	741	0.306	ug/l	81
49) 1,4-Dioxane	7.873	88	27	0.442	ug/l #	25
52) Toluene	8.726	92	1737	0.330	ug/l	91
60) Dibromochloromethane	9.275	129	8126	3.841	ug/l #	11
64) Tetrachloroethene	9.275	164	8173	3.704	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	55355	20.659	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55355	59.622	ug/l #	12

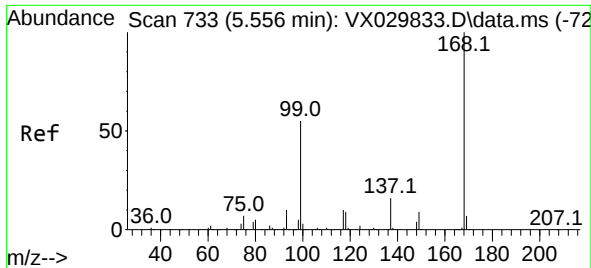
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

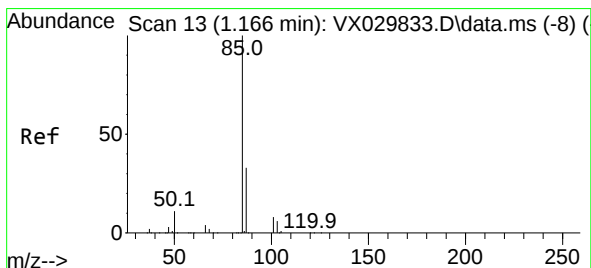
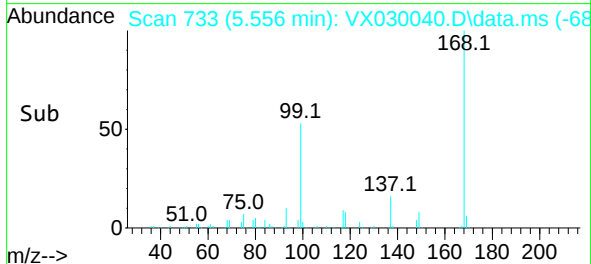
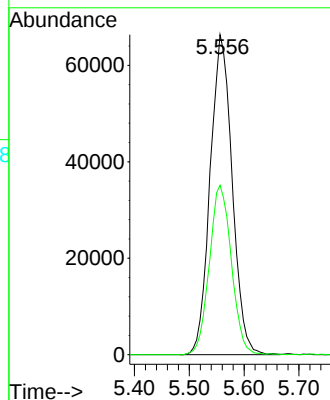
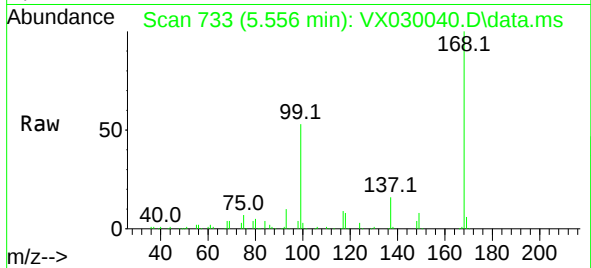




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

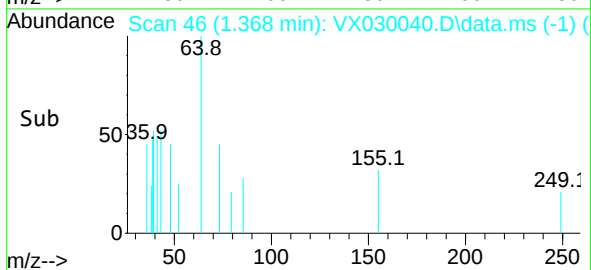
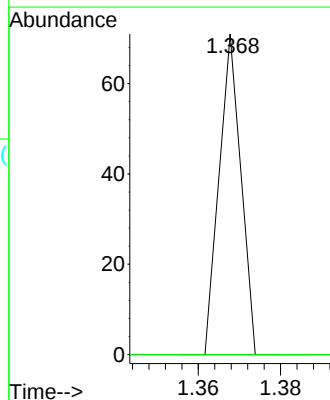
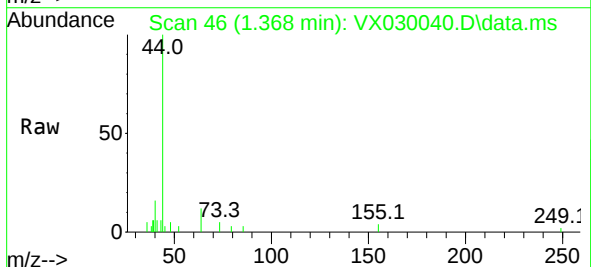
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

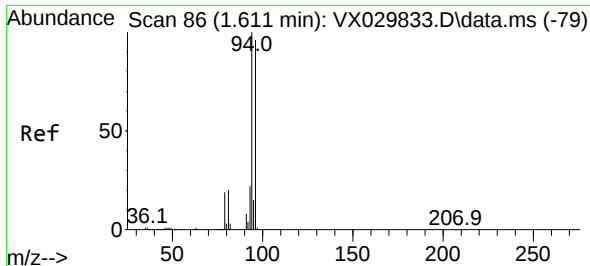
Tgt Ion:168 Resp: 184657
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.368 min Scan# 46
Delta R.T. 0.202 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Tgt Ion: 85 Resp: 26
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

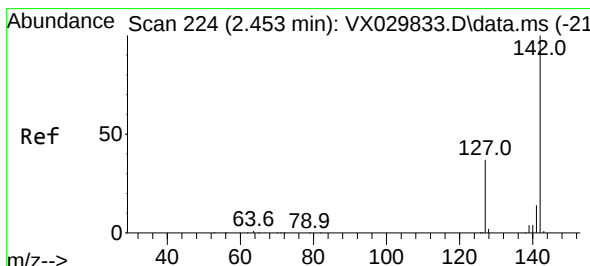
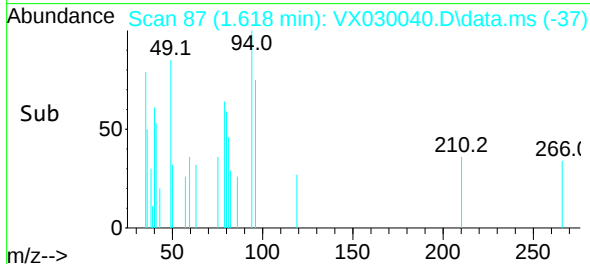
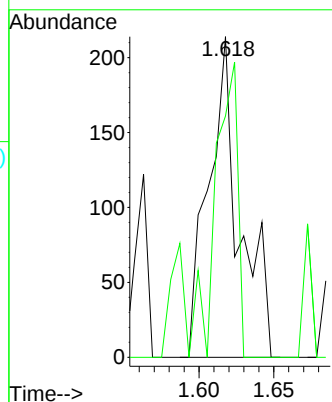
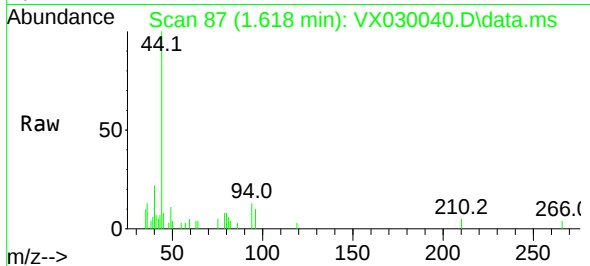




#5
Bromomethane
Concen: 0.340 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

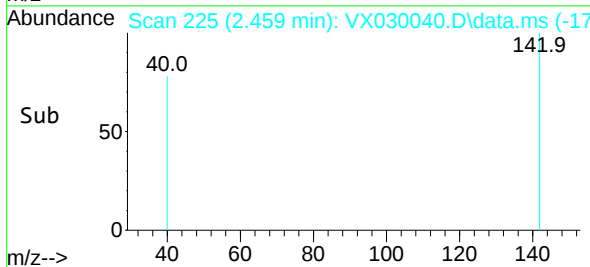
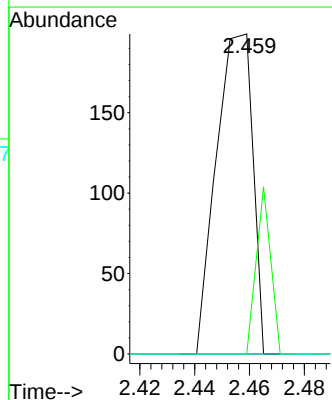
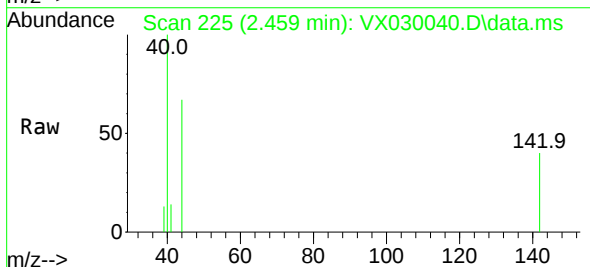
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

Tgt Ion: 94 Resp: 309
Ion Ratio Lower Upper
94 100
96 75.2 76.9 115.3#



#10
Methyl Iodide
Concen: 2.503 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Tgt Ion: 142 Resp: 184
Ion Ratio Lower Upper
142 100
127 20.7 30.2 45.2#
141 0.0 11.3 16.9#

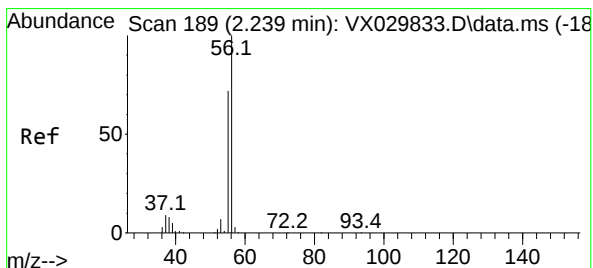
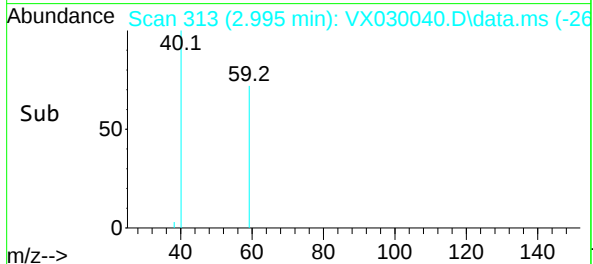
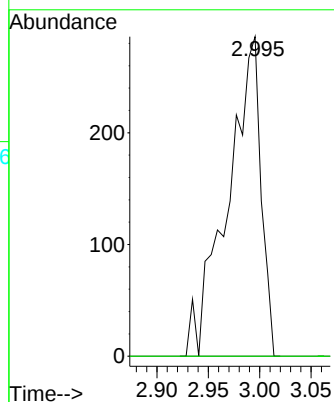
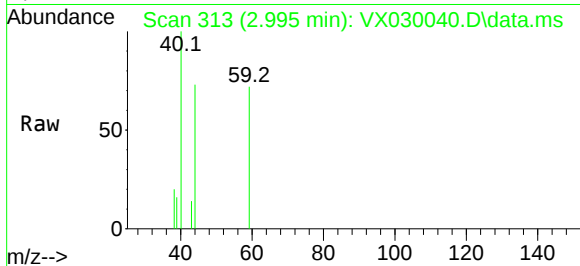




#11
Tert butyl alcohol
Concen: 1.114 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

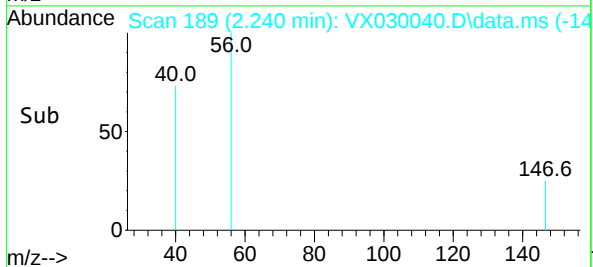
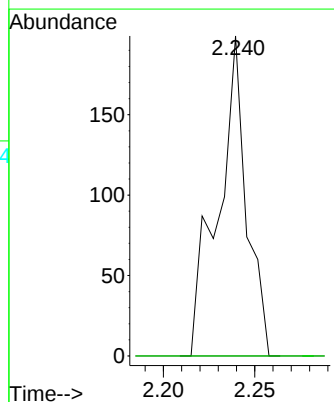
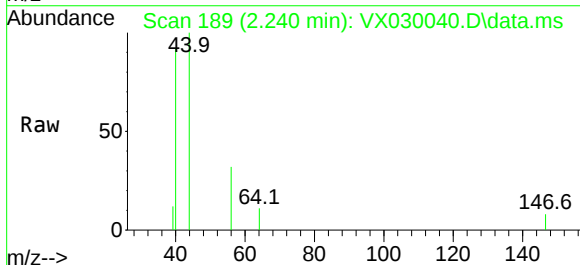
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

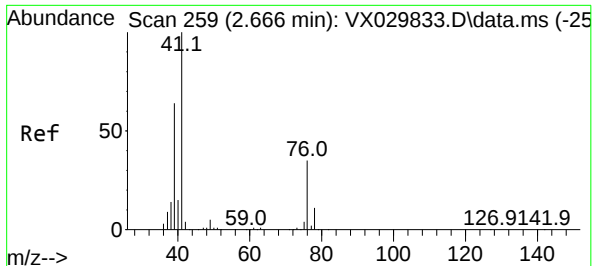
Tgt Ion: 59 Resp: 646
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 1.878 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Tgt Ion: 56 Resp: 217
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#





#14

Allyl chloride

Concen: 0.335 ug/l

RT: 2.672 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX030040.D

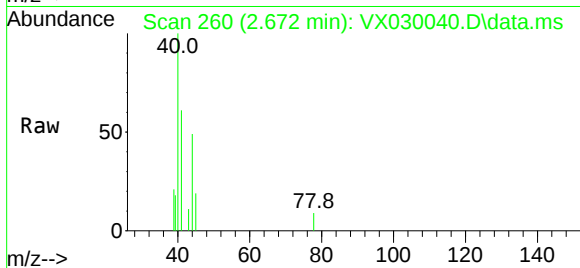
Acq: 13 Jul 2022 13:21

Instrument :

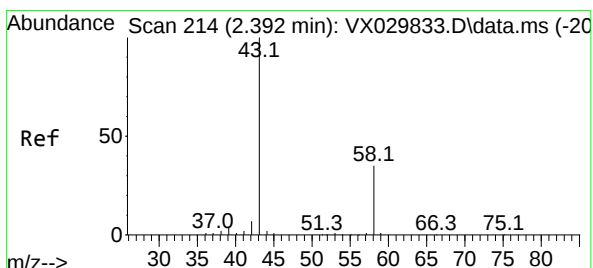
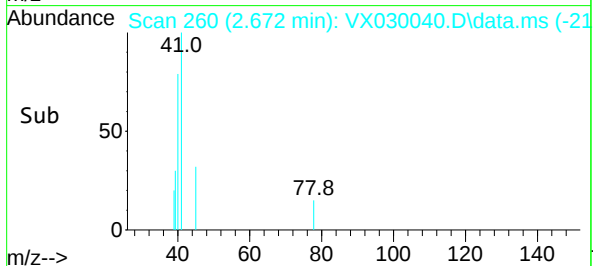
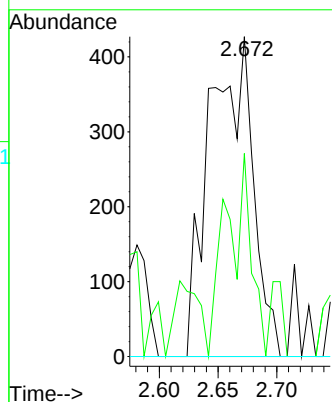
MSVOA_X

ClientSampleId :

EB-02-07112022



Tgt Ion: 41	Resp: 1101
Ion Ratio	Lower Upper
41	100
39	20.2 48.9 73.3#
76	0.0 26.9 40.3#



#16

Acetone

Concen: 6.367 ug/l

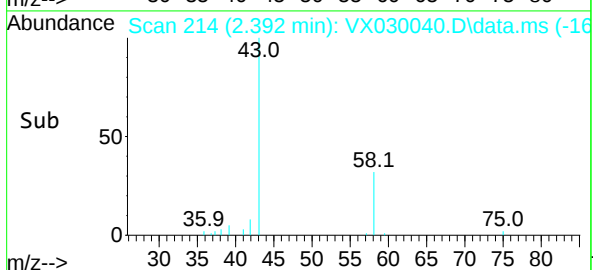
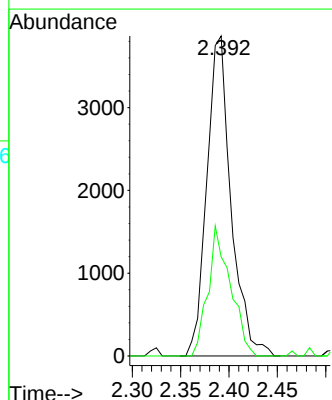
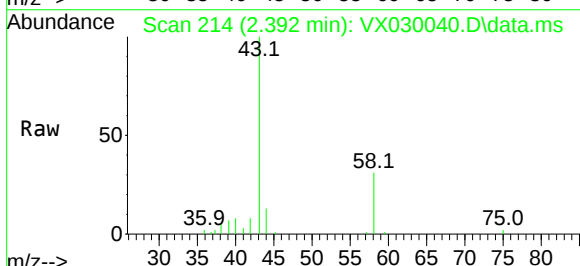
RT: 2.392 min Scan# 214

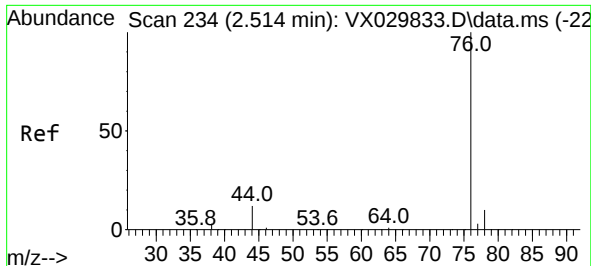
Delta R.T. -0.000 min

Lab File: VX030040.D

Acq: 13 Jul 2022 13:21

Tgt Ion: 43	Resp: 6743
Ion Ratio	Lower Upper
43	100
58	30.9 27.7 41.5

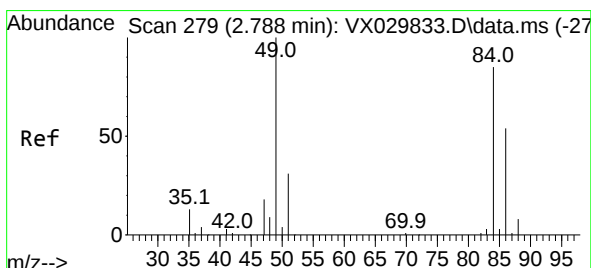
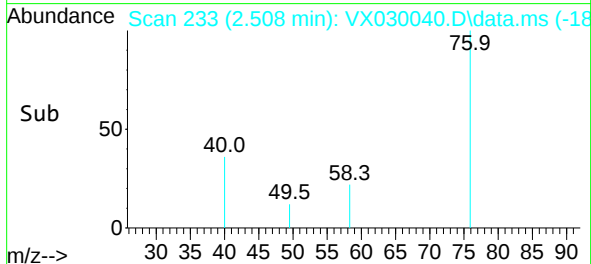
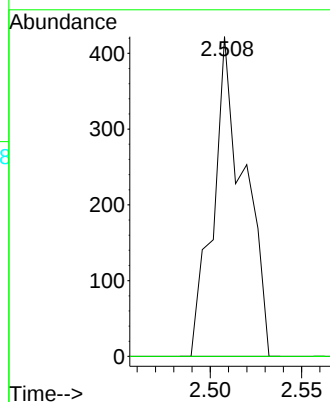
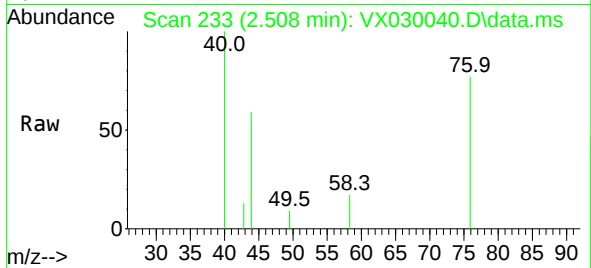




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

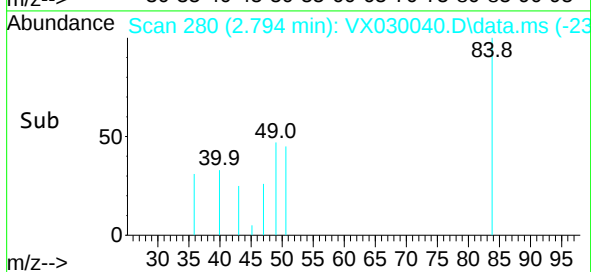
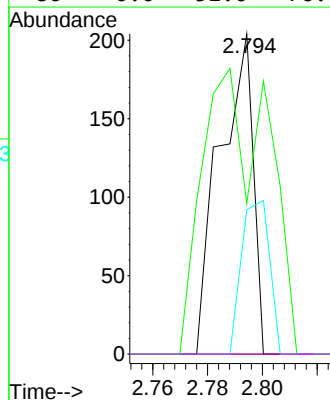
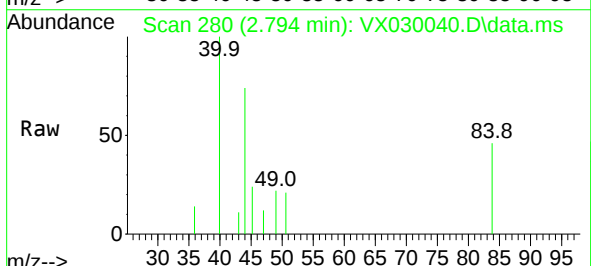
Instrument :
MSVOA_X
ClientSampleId :
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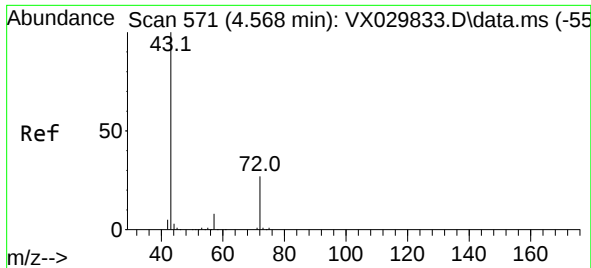
Tgt Ion: 76 Resp: 500
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Tgt Ion: 84 Resp: 172
Ion Ratio Lower Upper
84 100
49 47.1 93.8 140.6#
51 45.1 29.4 44.0#
86 0.0 51.0 76.4#

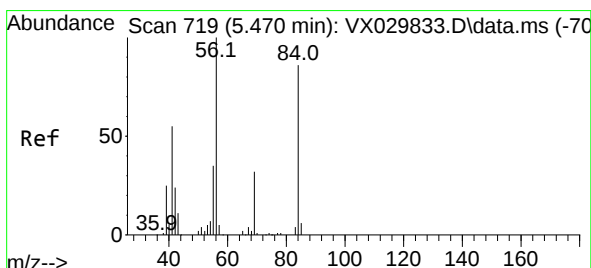
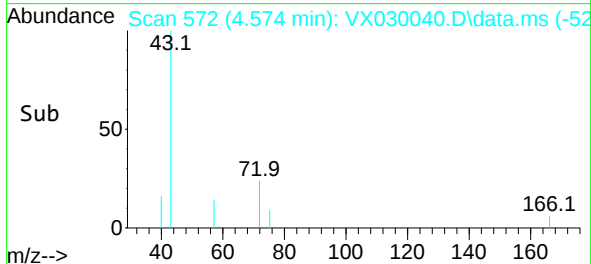
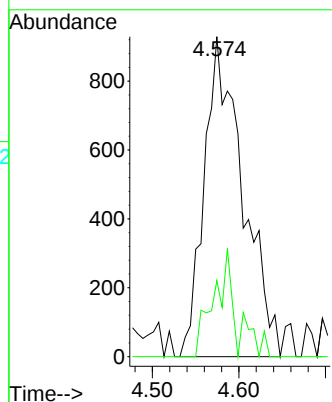
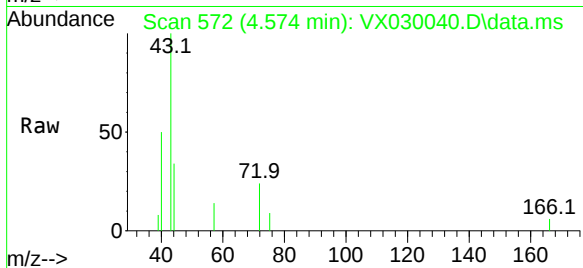




#25
2-Butanone
Concen: 1.591 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

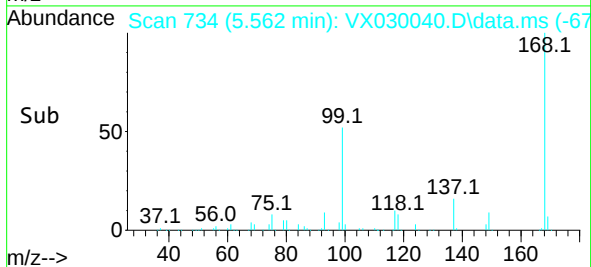
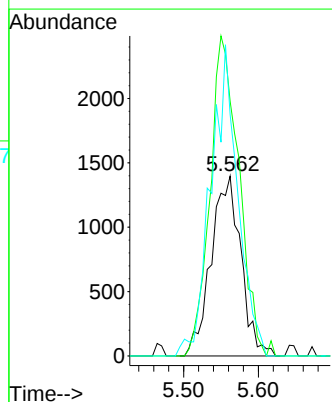
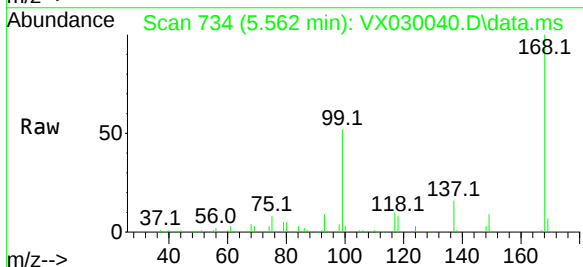
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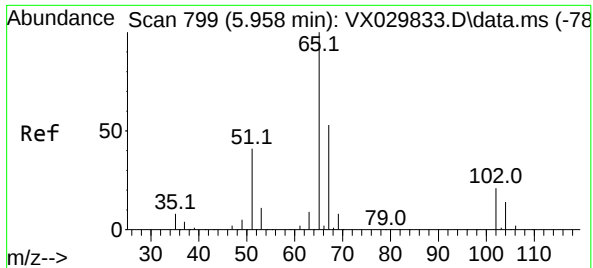
Tgt Ion: 43 Resp: 2870
Ion Ratio Lower Upper
43 100
72 23.8 21.7 32.5



#31
Cyclohexane
Concen: 1.187 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Tgt Ion: 56 Resp: 3867
Ion Ratio Lower Upper
56 100
69 141.7 25.4 38.0#
84 134.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 44.585 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030040.D

Acq: 13 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

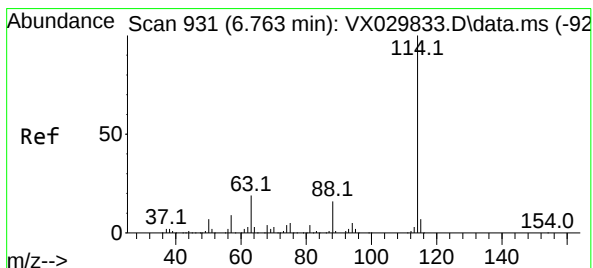
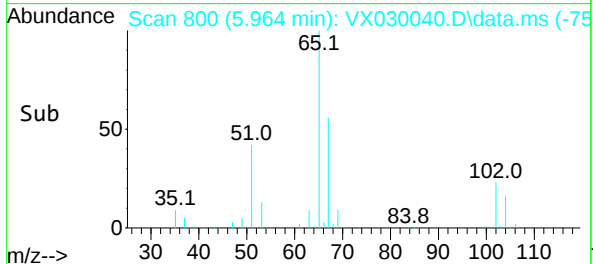
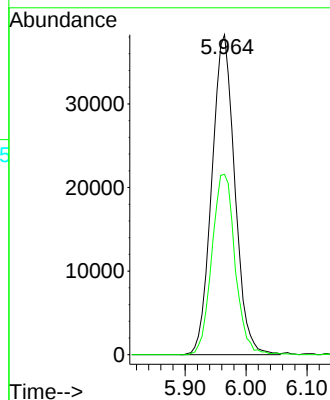
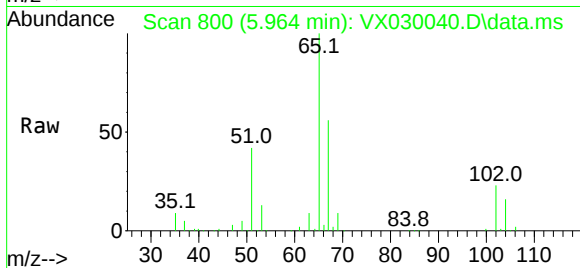
EB-02-07112022

Tgt Ion: 65 Resp: 100209

Ion Ratio Lower Upper

65 100

67 56.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX030040.D

Acq: 13 Jul 2022 13:21

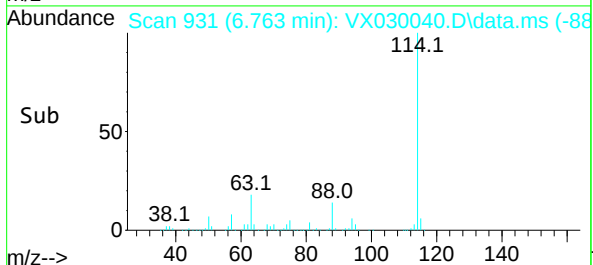
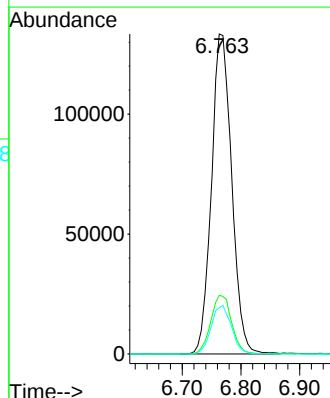
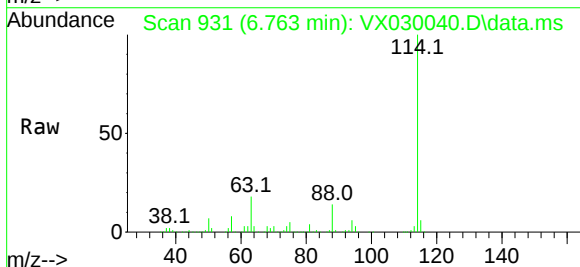
Tgt Ion: 114 Resp: 319275

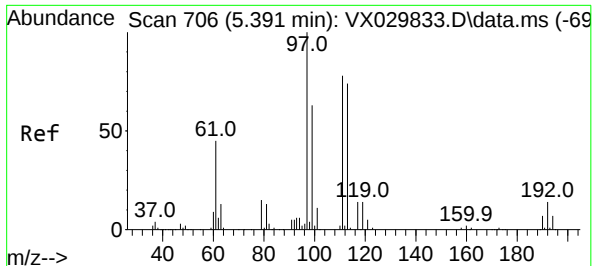
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 14.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.029 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030040.D

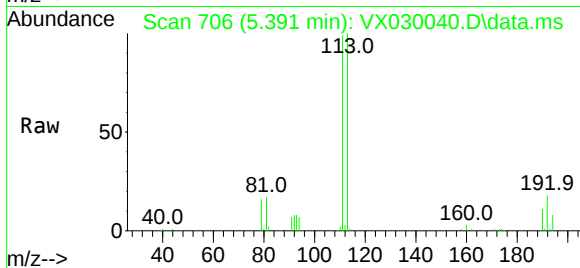
Acq: 13 Jul 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

EB-02-07112022



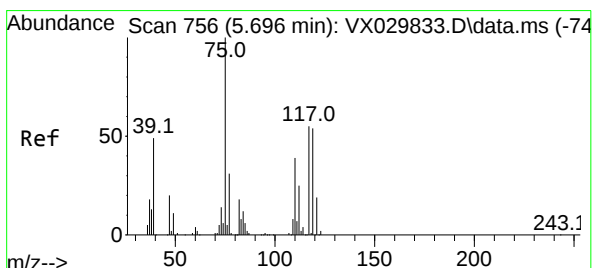
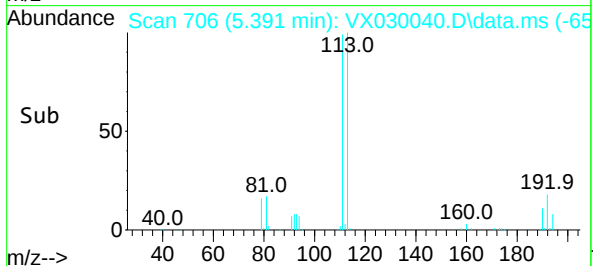
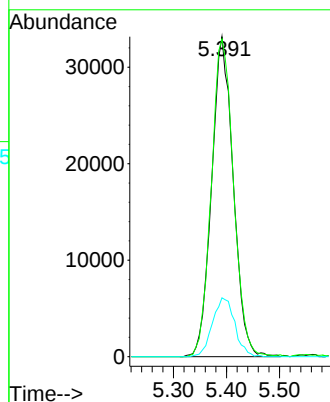
Tgt Ion:113 Resp: 93883

Ion Ratio Lower Upper

113 100

111 101.8 83.2 124.8

192 19.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.126 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030040.D

Acq: 13 Jul 2022 13:21

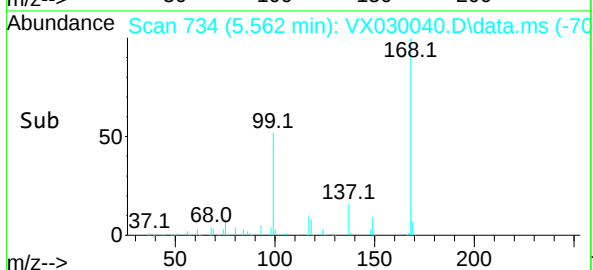
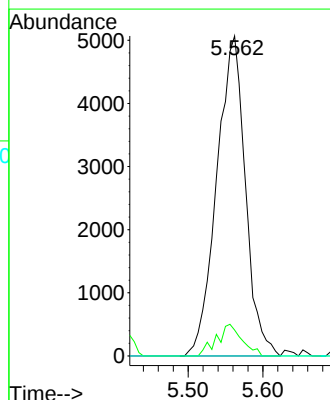
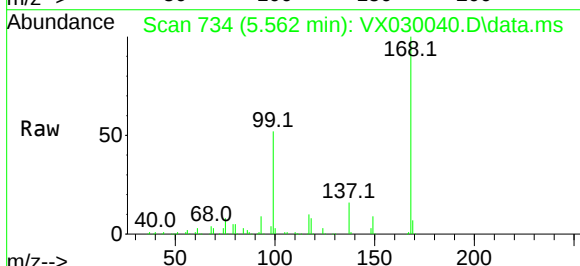
Tgt Ion: 75 Resp: 13505

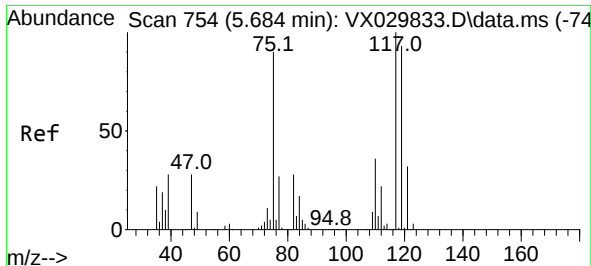
Ion Ratio Lower Upper

75 100

110 8.8 19.3 57.9#

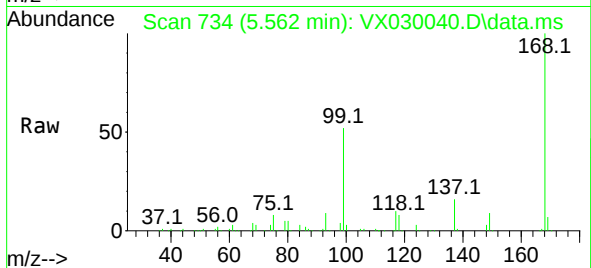
77 0.0 24.4 36.6#



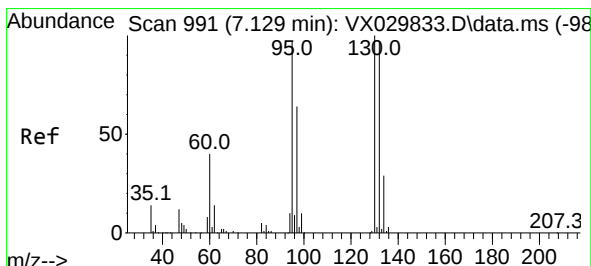
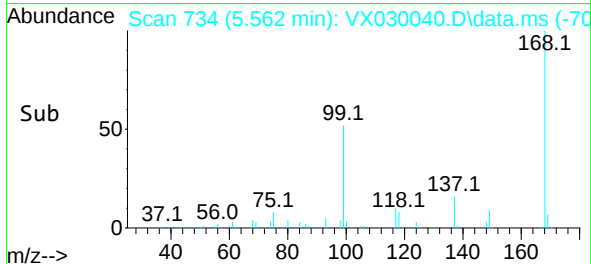
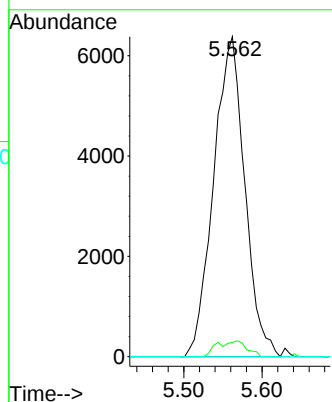


#38
Carbon Tetrachloride
Concen: 7.171 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

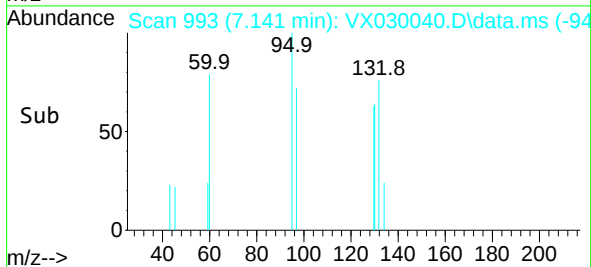
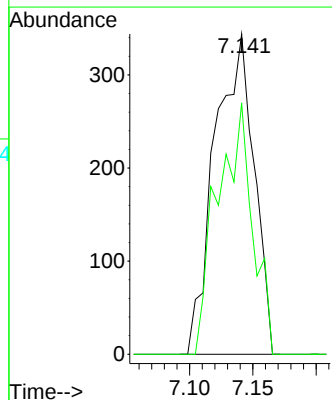
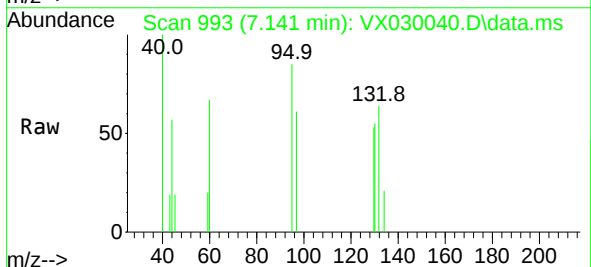


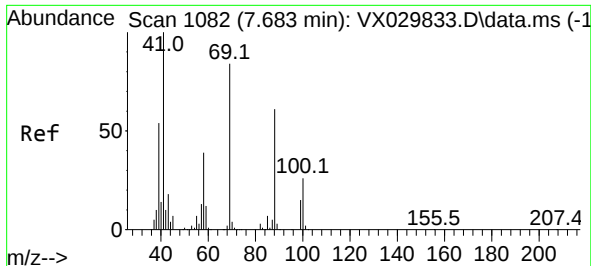
Tgt Ion:117 Resp: 17619
Ion Ratio Lower Upper
117 100
119 4.5 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.306 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Tgt Ion:130 Resp: 741
Ion Ratio Lower Upper
130 100
95 78.5 0.0 194.8





#49

1,4-Dioxane

Concen: 0.442 ug/l

RT: 7.873 min Scan# 1113

Delta R.T. 0.190 min

Lab File: VX030040.D

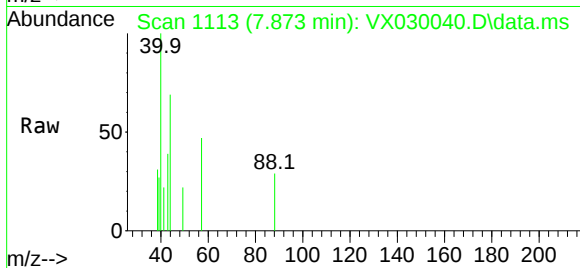
Acq: 13 Jul 2022 13:21

Instrument :

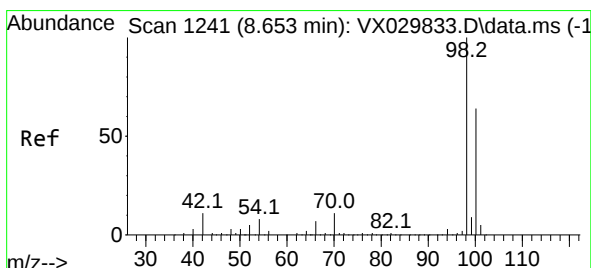
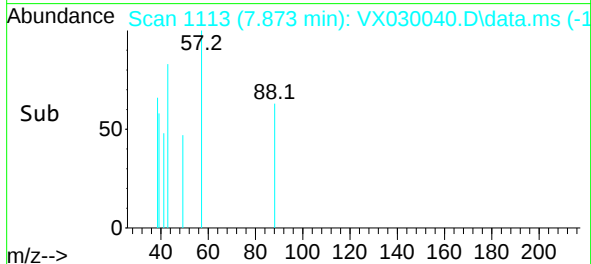
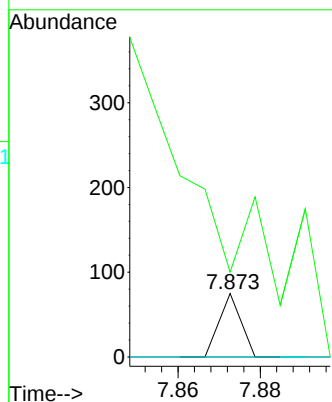
MSVOA_X

ClientSampleId :

EB-02-07112022



Tgt Ion:	88	Resp:	27
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	0.0	53.8	80.6#



#50

Toluene-d8

Concen: 47.320 ug/l

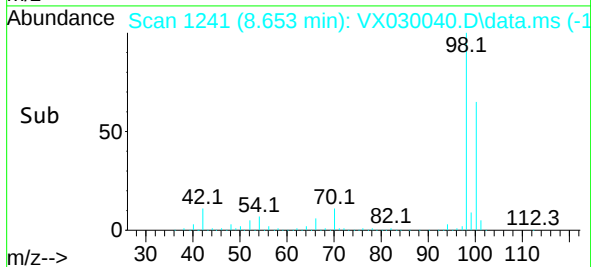
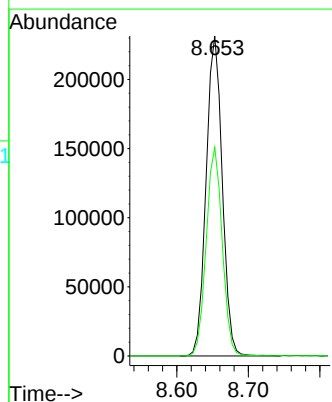
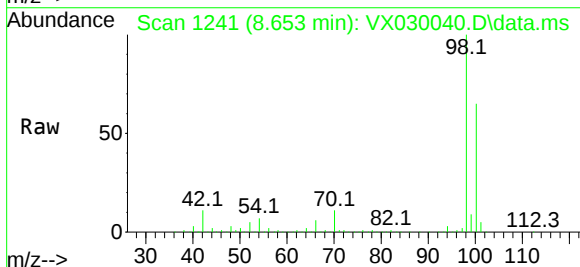
RT: 8.653 min Scan# 1241

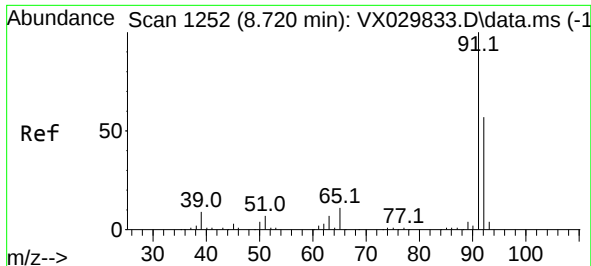
Delta R.T. -0.000 min

Lab File: VX030040.D

Acq: 13 Jul 2022 13:21

Tgt Ion:	98	Resp:	362996
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5

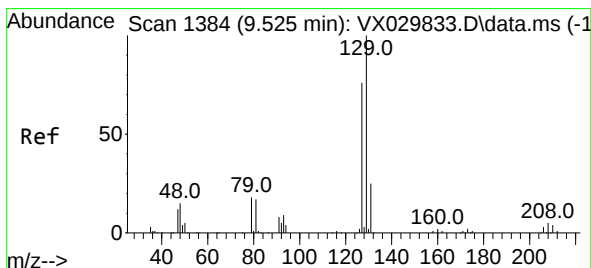
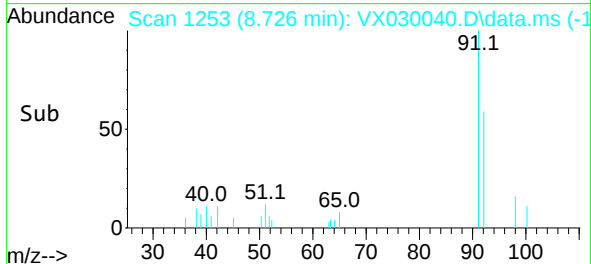
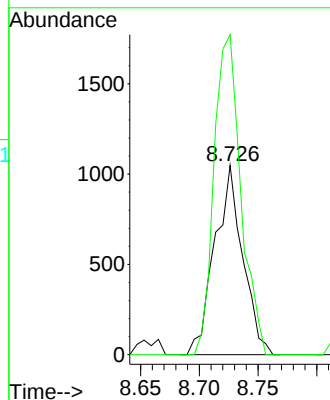
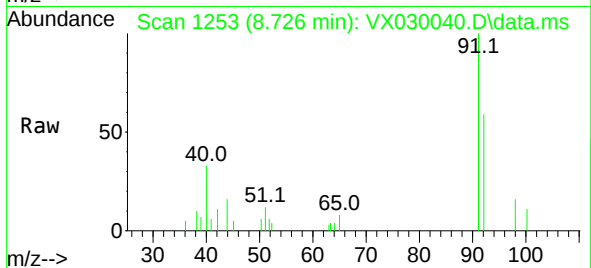




#52
Toluene
Concen: 0.330 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

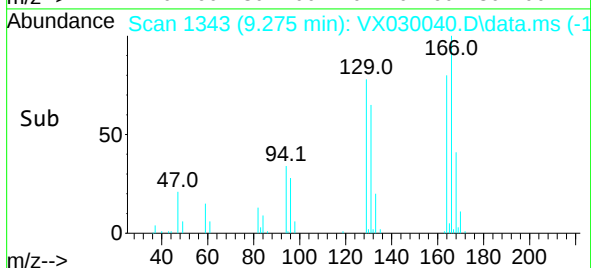
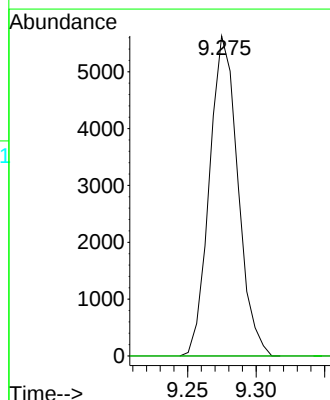
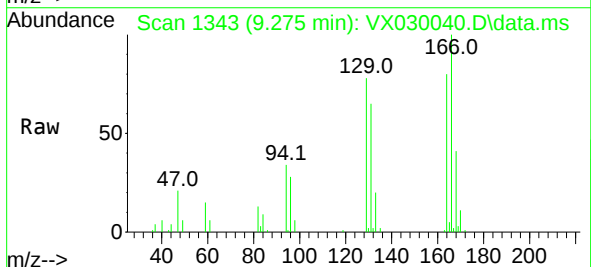
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

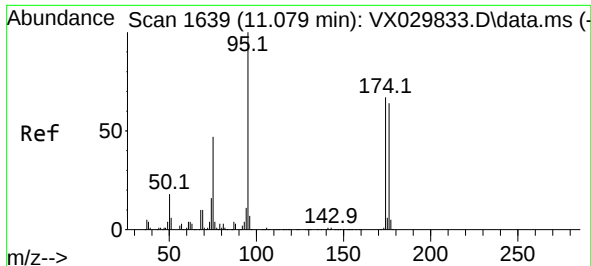
Tgt Ion: 92 Resp: 1737
Ion Ratio Lower Upper
92 100
91 162.1 139.2 208.8



#60
Dibromochloromethane
Concen: 3.841 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Tgt Ion: 129 Resp: 8126
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

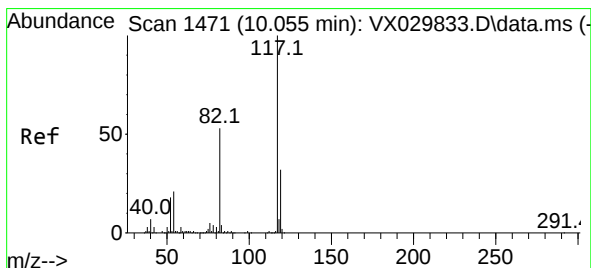
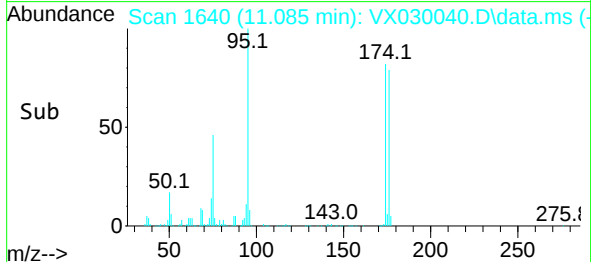
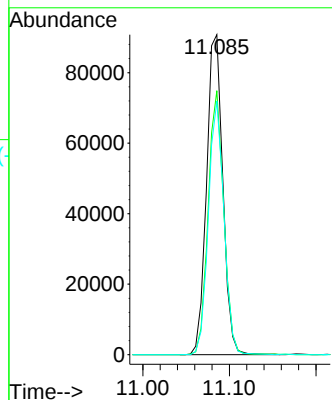
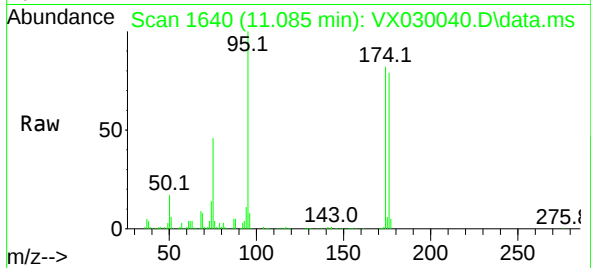




#62
4-Bromofluorobenzene
Concen: 44.452 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

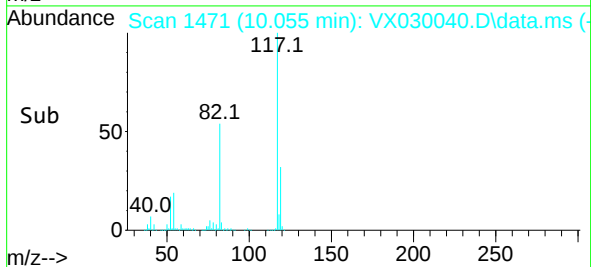
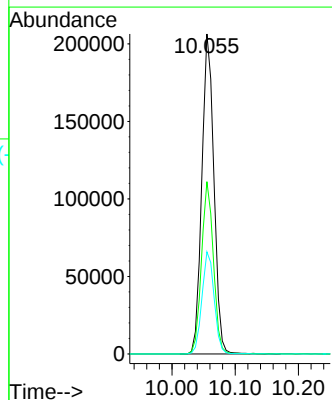
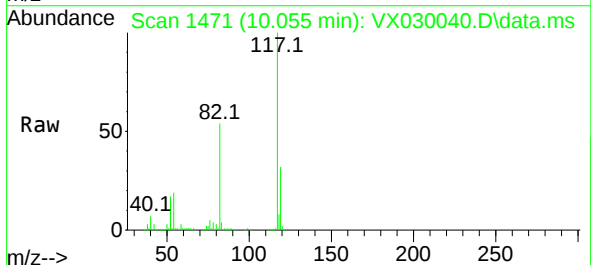
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

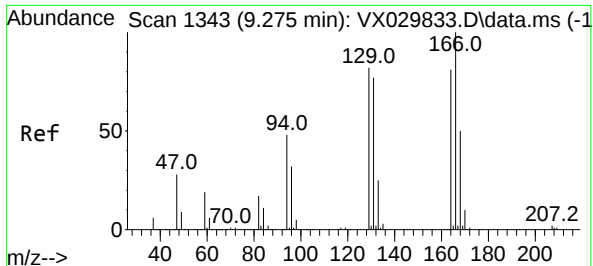
Tgt Ion: 95 Resp: 118335
Ion Ratio Lower Upper
95 100
174 79.2 0.0 149.0
176 75.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Tgt Ion: 117 Resp: 274871
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 31.9 25.4 38.2

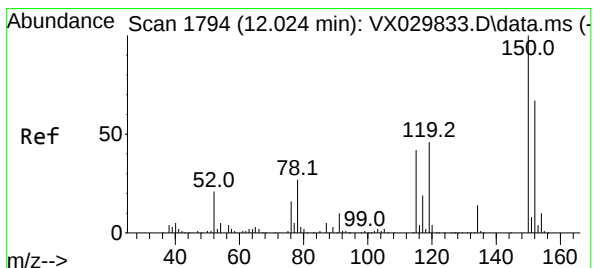
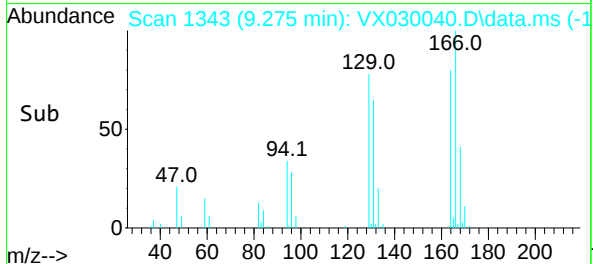
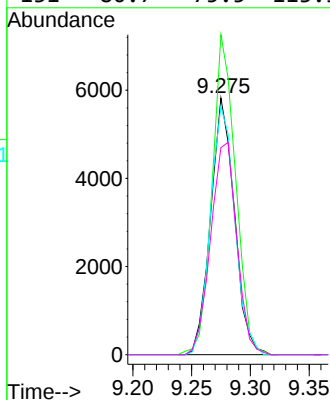
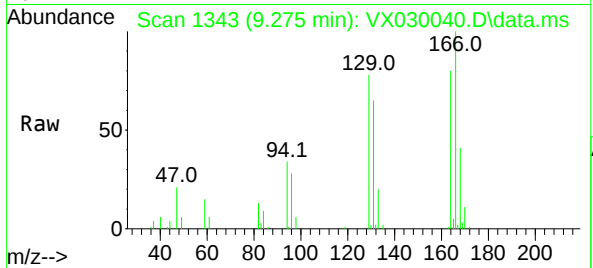




#64
Tetrachloroethene
Concen: 3.704 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

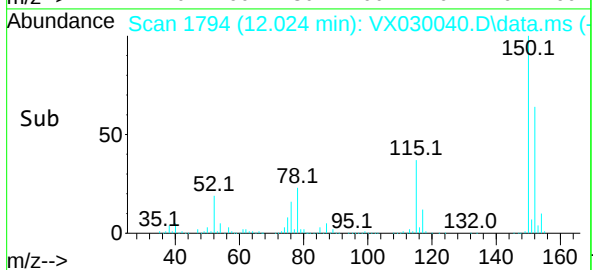
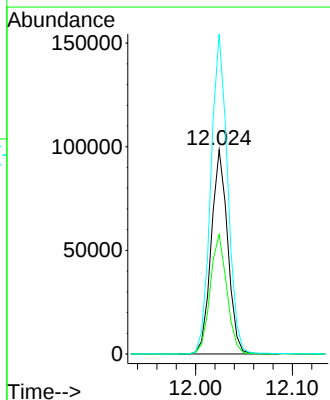
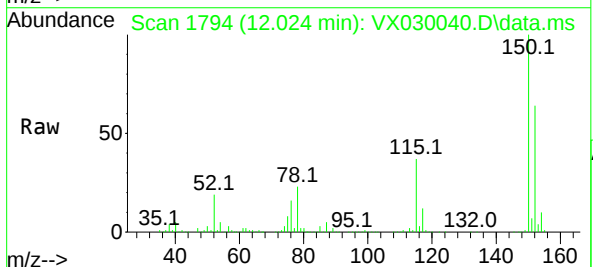
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

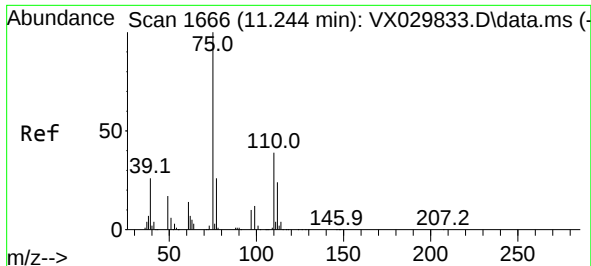
Tgt Ion:164	Resp:	8173
Ion	Ratio	Lower Upper
164	100	
166	124.7	98.2 147.4
129	96.7	80.8 121.2
131	80.7	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Tgt Ion:152	Resp:	116537
Ion	Ratio	Lower Upper
152	100	
115	59.0	40.5 121.5
150	159.4	0.0 347.0

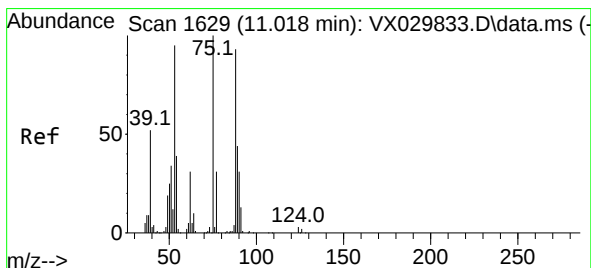
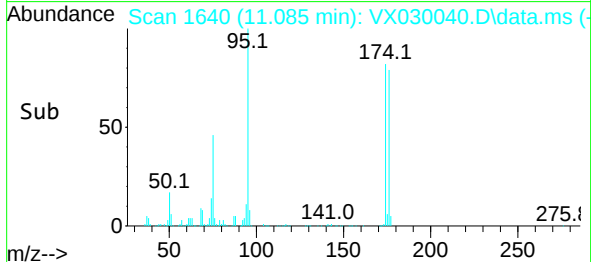
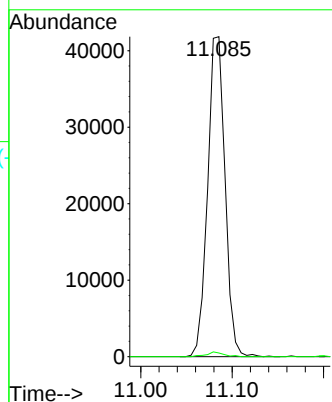
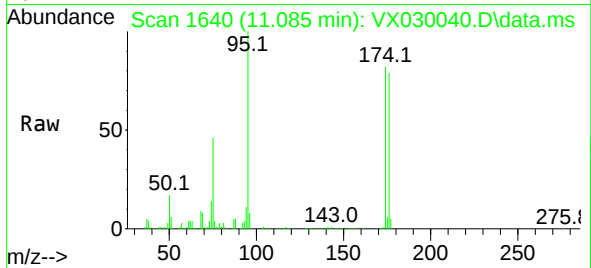




#76
1,2,3-Trichloropropane
Concen: 20.659 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

Tgt Ion: 75 Resp: 55355
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.622 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030040.D
Acq: 13 Jul 2022 13:21

Tgt Ion: 75 Resp: 55355
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

