

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030161.D
 Acq On : 21 Jul 2022 14:45
 Operator : JC/MD
 Sample : N3765-03DL 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01DN-84DL

Quant Time: Jul 21 15:55:09 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)

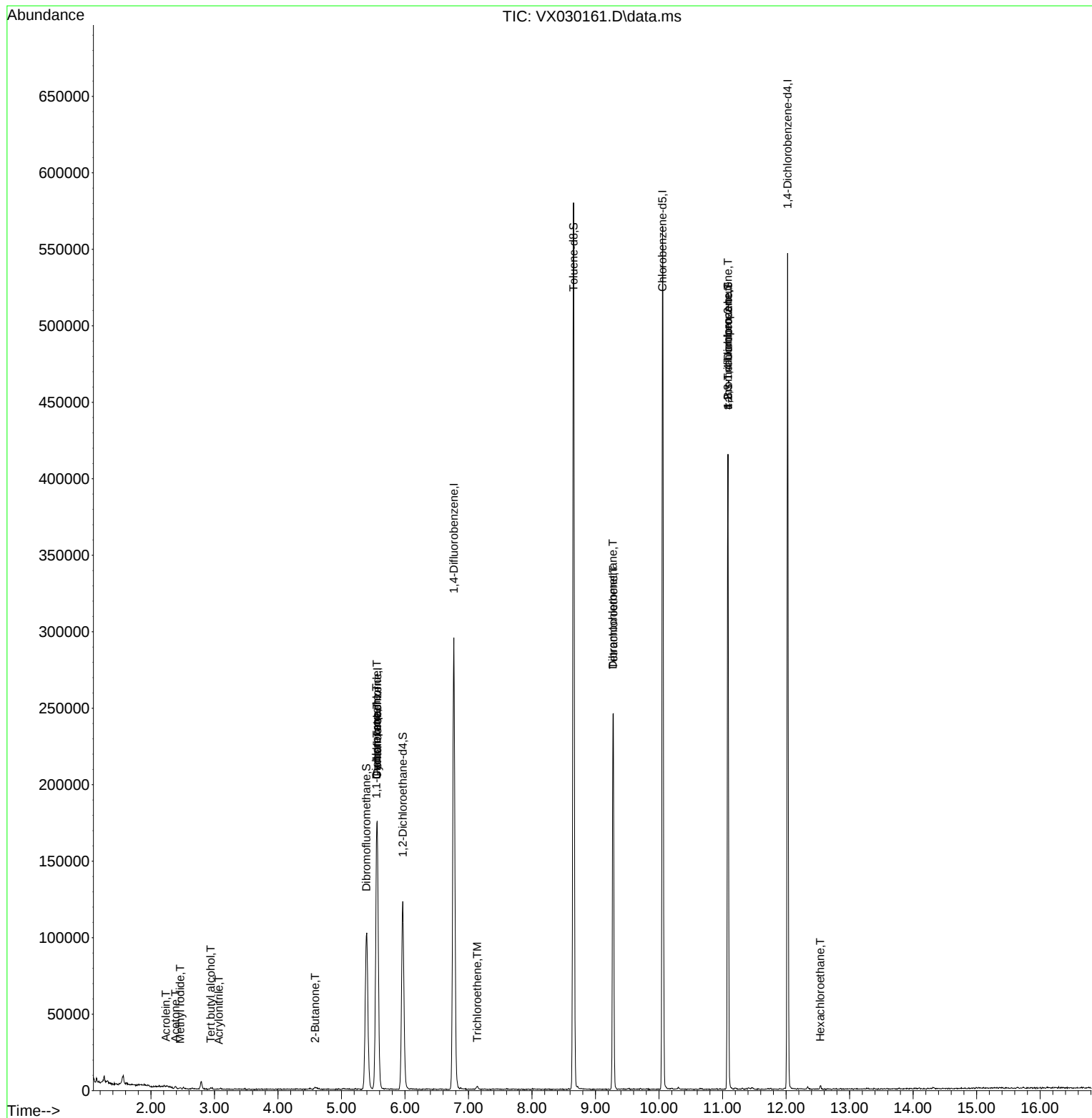
Internal Standards							
1) Pentafluorobenzene		5.562	168	167125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.769	114	299798	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	256999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	105574	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.964	65	110826	54.481	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.960%	
35) Dibromofluoromethane		5.391	113	92110	48.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%	
50) Toluene-d8		8.653	98	346222	48.066	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.140%	
62) 4-Bromofluorobenzene		11.085	95	112506	45.008	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.020%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane		1.172	85	89	Below Cal	#	42
10) Methyl Iodide		2.459	142	425	2.649	ug/l #	80
11) Tert butyl alcohol		2.940	59	295	0.562	ug/l #	74
13) Acrolein		2.233	56	41	0.392	ug/l #	1
15) Acrylonitrile		3.068	53	252	0.211	ug/l #	62
16) Acetone		2.386	43	1181	1.232	ug/l	94
17) Carbon Disulfide		2.514	76	1043	Below Cal	#	74
20) Methylene Chloride		2.788	84	2303	Below Cal		93
25) 2-Butanone		4.586	43	390	0.239	ug/l #	48
31) Cyclohexane		5.556	56	3989	1.353	ug/l #	1
36) 1,1-Dichloropropene		5.550	75	13797	5.577	ug/l #	48
38) Carbon Tetrachloride		5.556	117	17227	7.467	ug/l #	18
44) Trichloroethene		7.135	130	732	0.322	ug/l	81
60) Dibromochloromethane		9.275	129	45938	23.126	ug/l #	11
64) Tetrachloroethene		9.281	164	47167	22.863	ug/l	94
76) 1,2,3-Trichloropropane		11.085	75	54903	22.618	ug/l #	38
81) trans-1,4-Dichloro-2-b...		11.085	75	54903	65.276	ug/l #	12
90) Hexachloroethane		12.536	117	262	0.243	ug/l	89

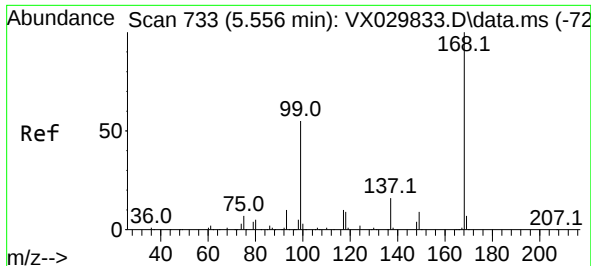
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

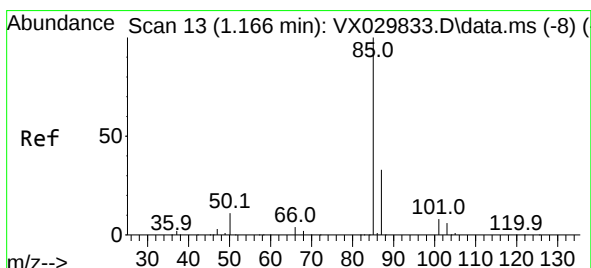
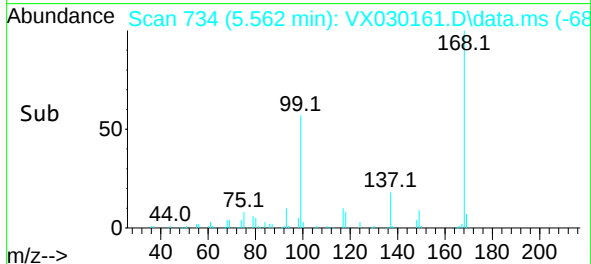
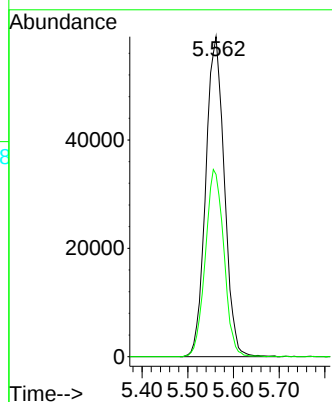
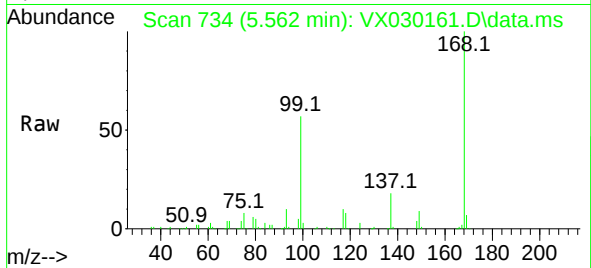




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

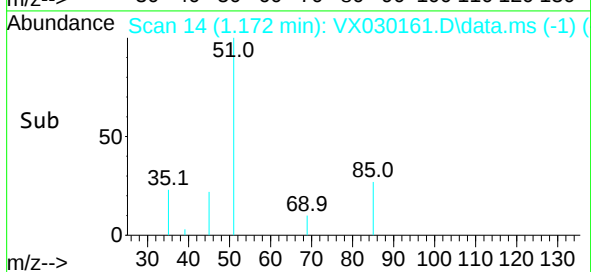
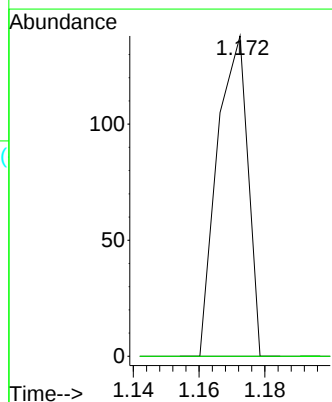
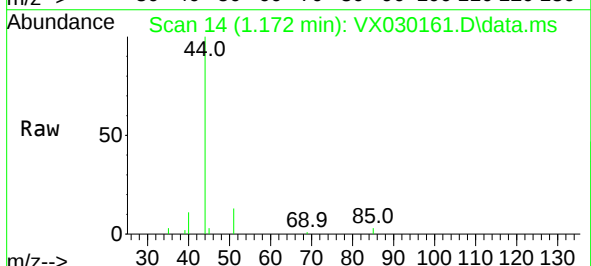
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84DL

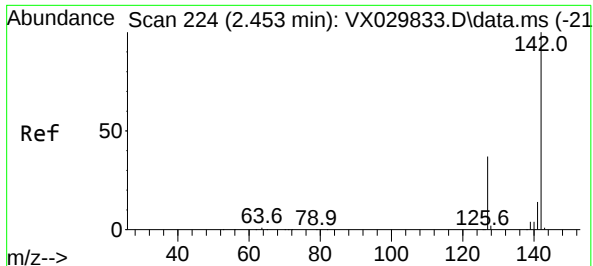
Tgt Ion:168 Resp: 167125
Ion Ratio Lower Upper
168 100
99 57.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

Tgt Ion: 85 Resp: 89
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

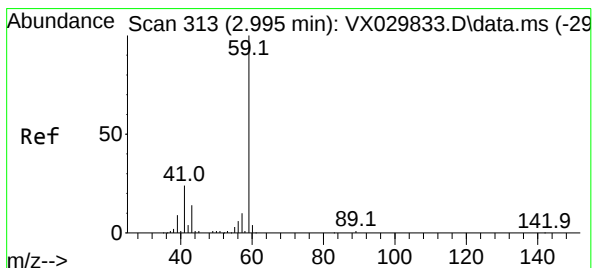
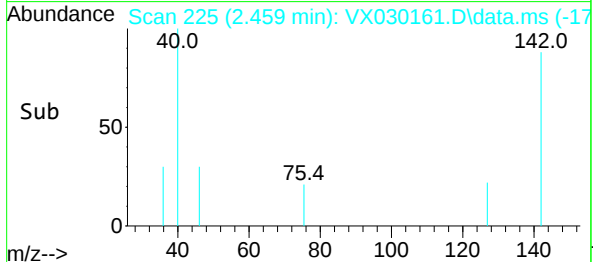
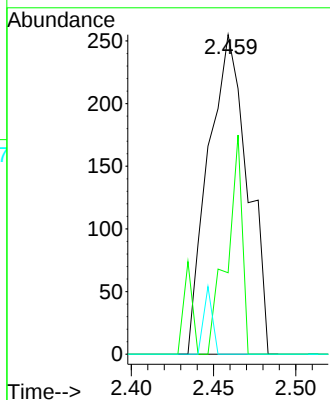
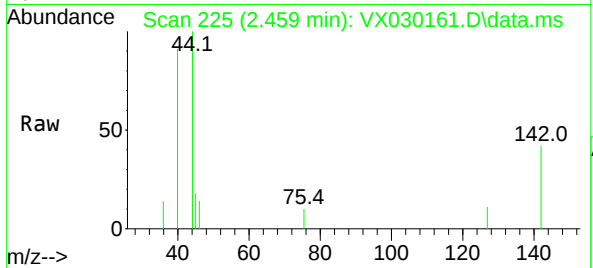




#10
Methyl Iodide
Concen: 2.649 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

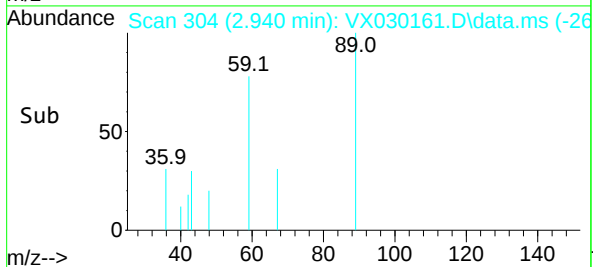
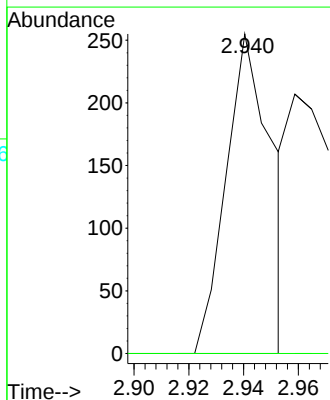
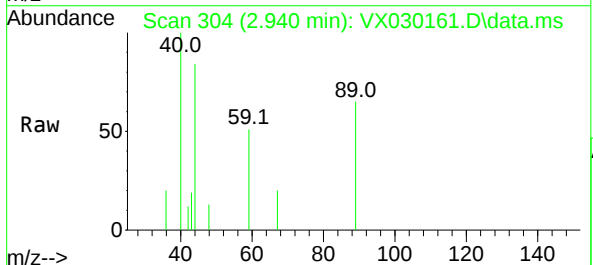
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84DL

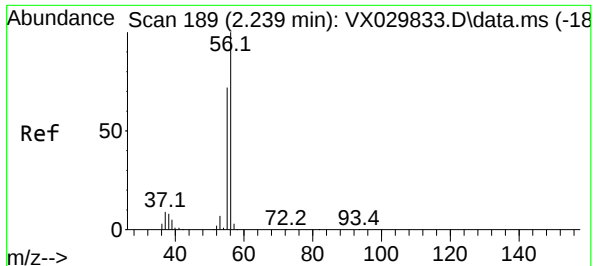
Tgt Ion:142 Resp: 425
Ion Ratio Lower Upper
142 100
127 26.6 30.2 45.2#
141 4.7 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.562 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

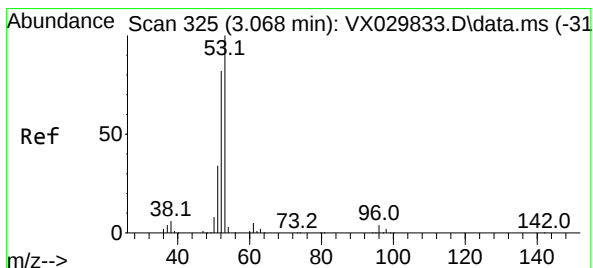
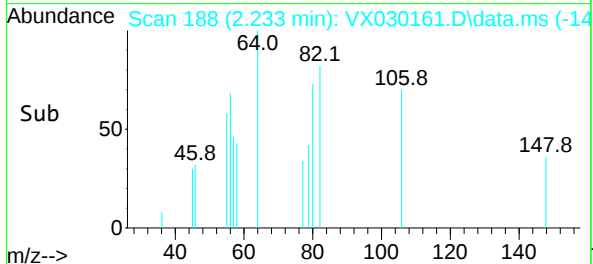
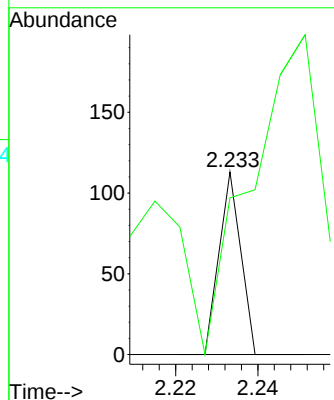
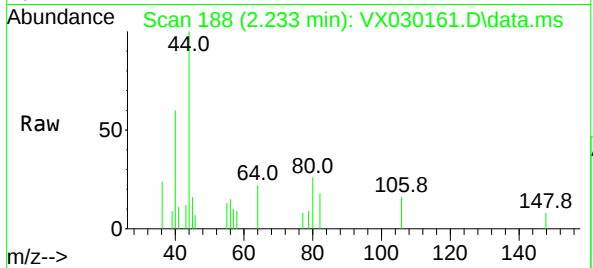




#13
Acrolein
Concen: 0.392 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

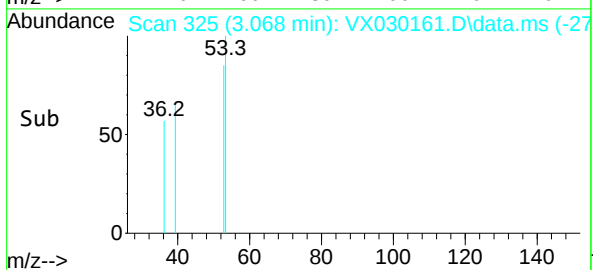
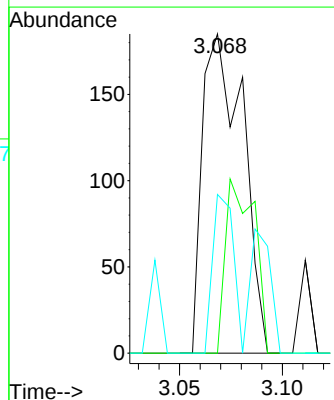
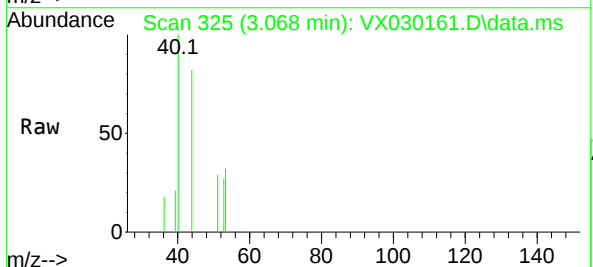
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84DL

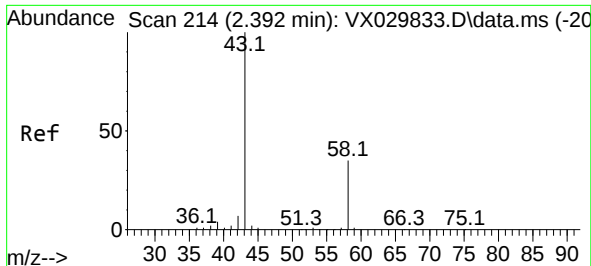
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 663.4 56.6 84.8#



#15
Acrylonitrile
Concen: 0.211 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

Tgt Ion: 53 Resp: 252
Ion Ratio Lower Upper
53 100
52 39.3 65.4 98.0#
51 25.4 27.7 41.5#

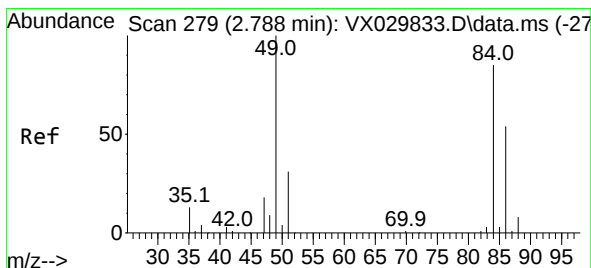
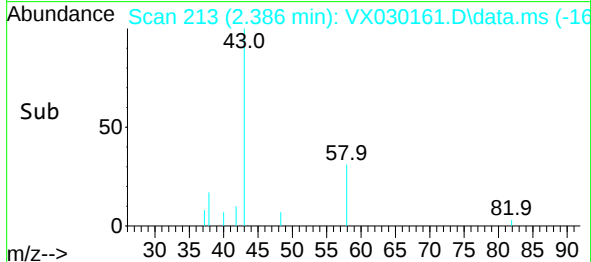
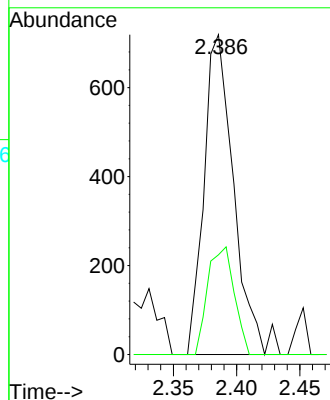
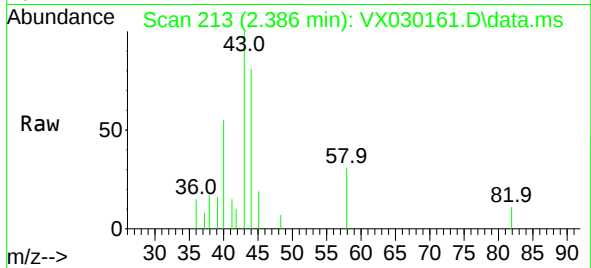




#16
Acetone
Concen: 1.232 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

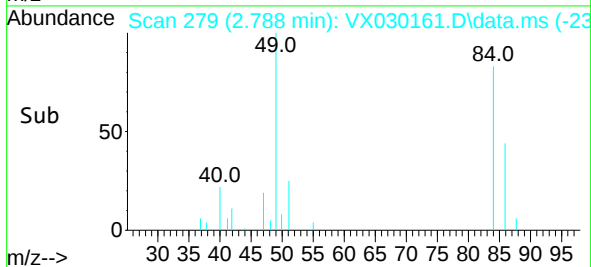
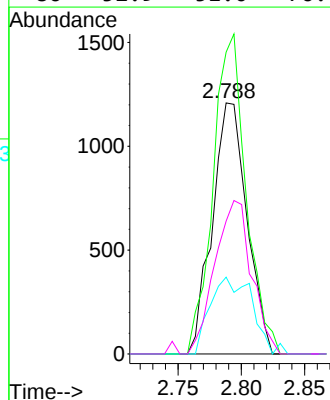
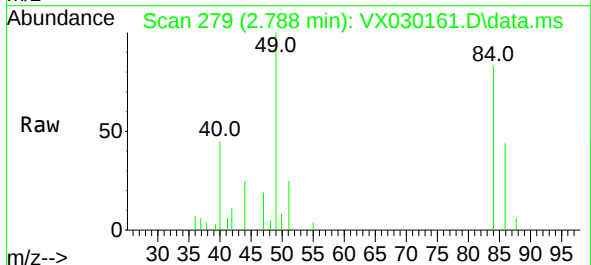
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84DL

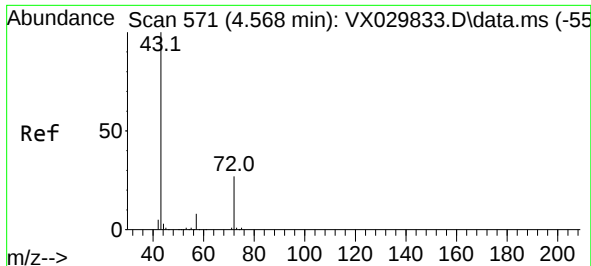
Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 31.2 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

Tgt Ion: 84 Resp: 2303
Ion Ratio Lower Upper
84 100
49 120.2 93.8 140.6
51 30.6 29.4 44.0
86 52.9 51.0 76.4





#25

2-Butanone

Concen: 0.239 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX030161.D

Acq: 21 Jul 2022 14:45

Instrument :

MSVOA_X

ClientSampleId :

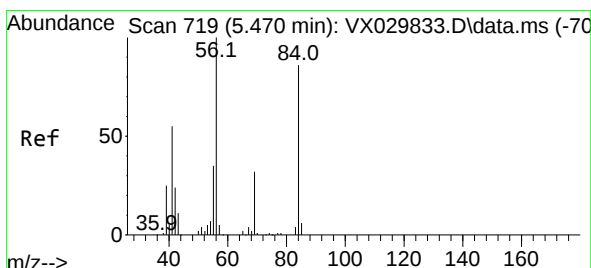
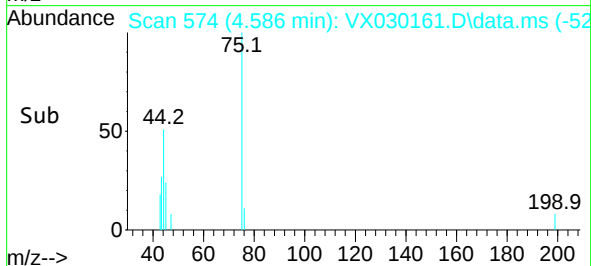
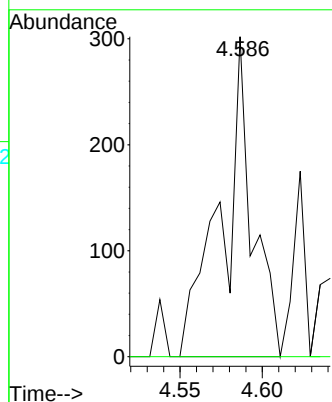
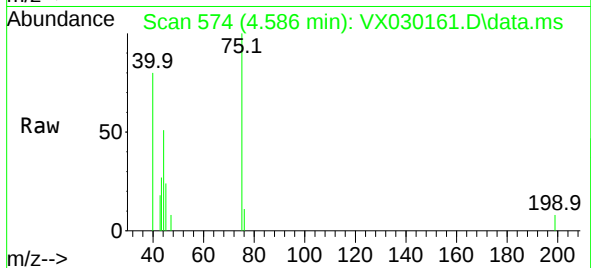
SPC-01DN-84DL

Tgt Ion: 43 Resp: 390

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 1.353 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX030161.D

Acq: 21 Jul 2022 14:45

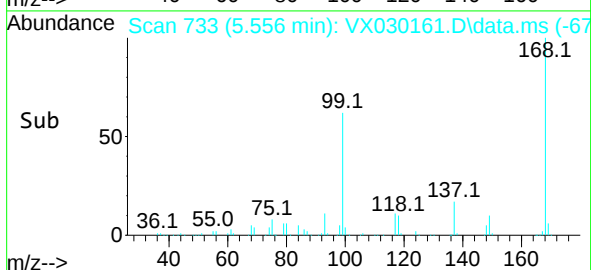
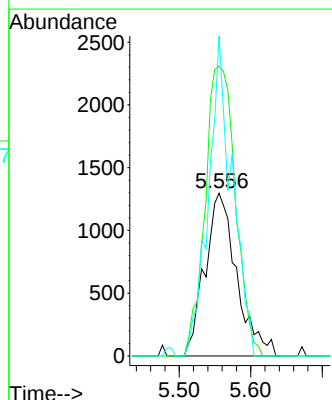
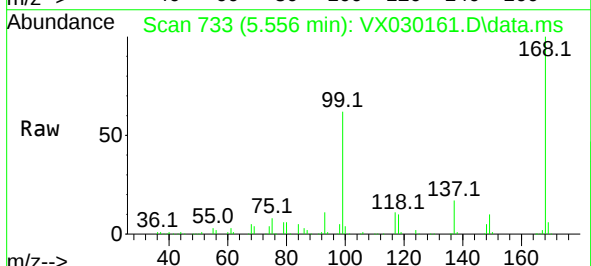
Tgt Ion: 56 Resp: 3989

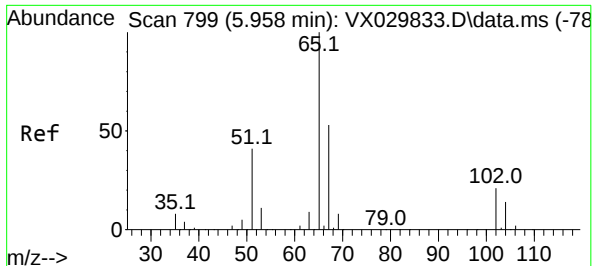
Ion Ratio Lower Upper

56 100

69 178.0 25.4 38.0#

84 196.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.481 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030161.D

Acq: 21 Jul 2022 14:45

Instrument :

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ClientSampleId :

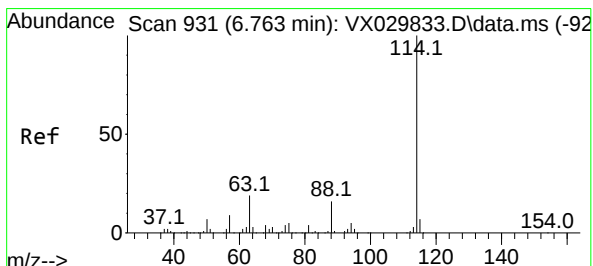
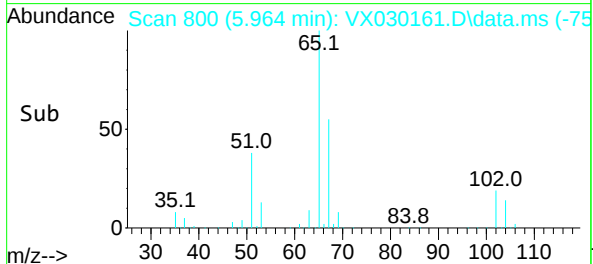
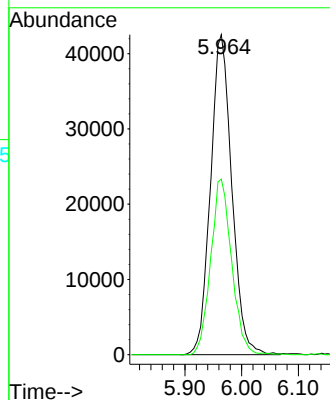
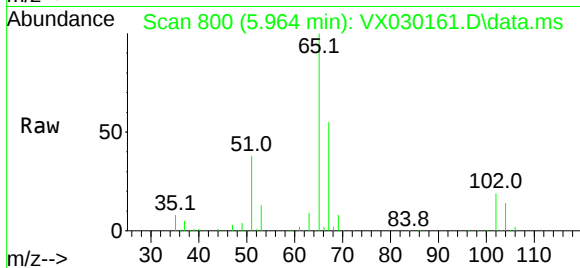
SPC-01DN-84DL

Tgt Ion: 65 Resp: 110826

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030161.D

Acq: 21 Jul 2022 14:45

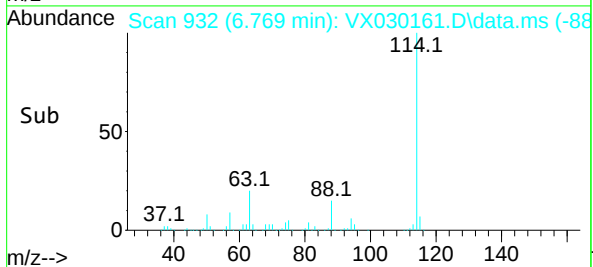
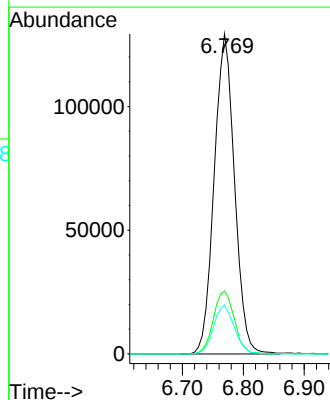
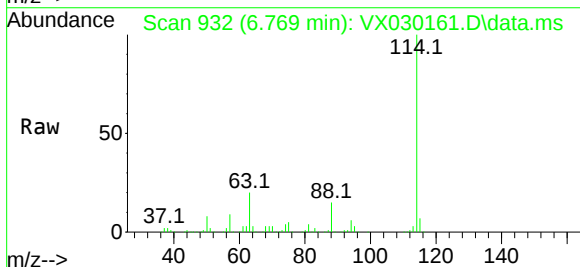
Tgt Ion: 114 Resp: 299798

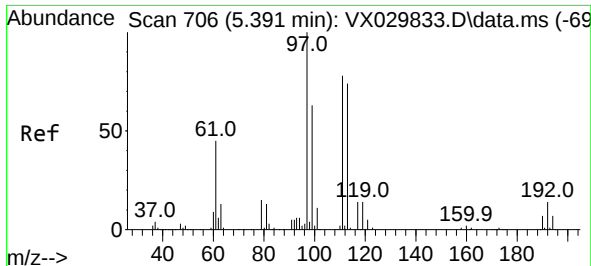
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.3 0.0 31.8

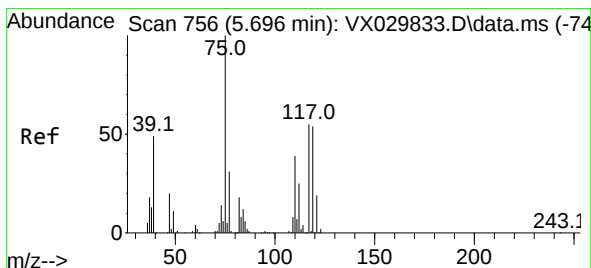
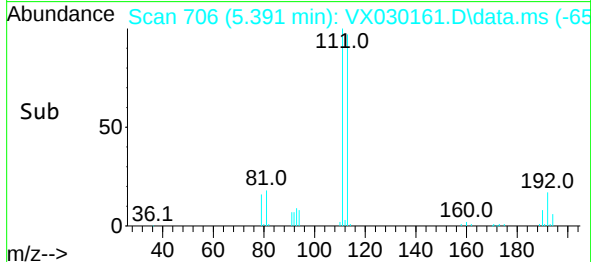
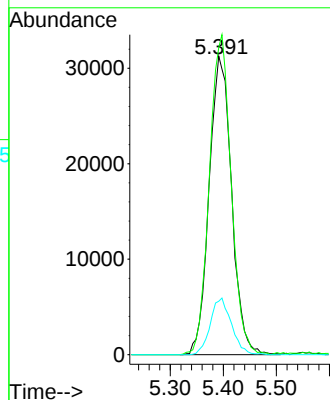
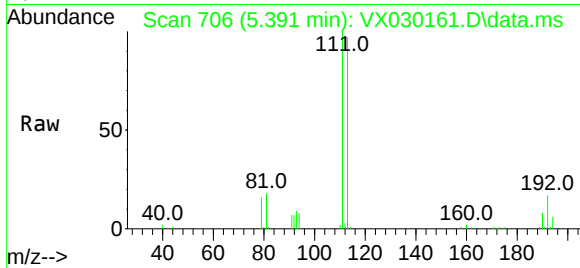




#35
Dibromofluoromethane
Concen: 48.094 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

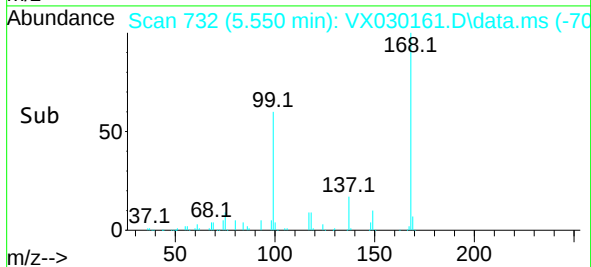
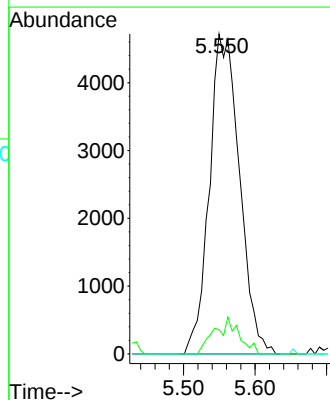
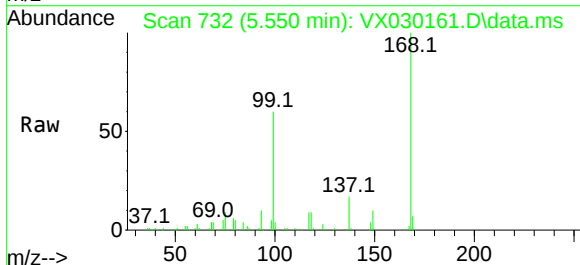
Instrument :
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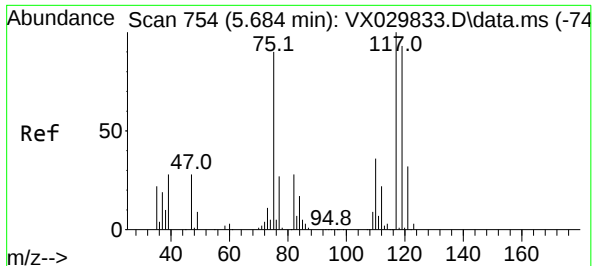
Tgt Ion:113 Resp: 92110
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 17.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.577 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

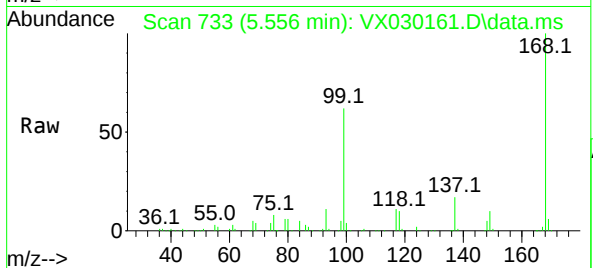
Tgt Ion: 75 Resp: 13797
Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.0 24.4 36.6#



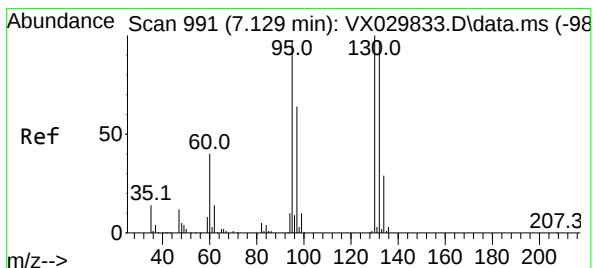
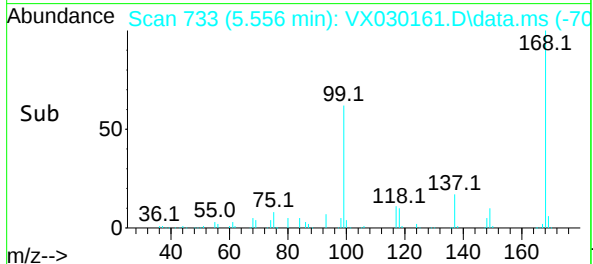
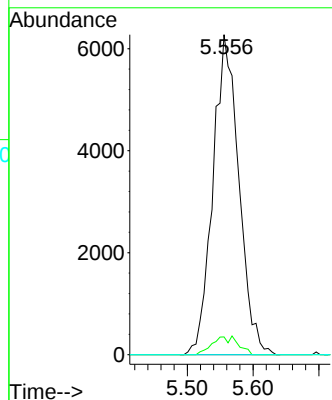


#38
Carbon Tetrachloride
Concen: 7.467 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84DL

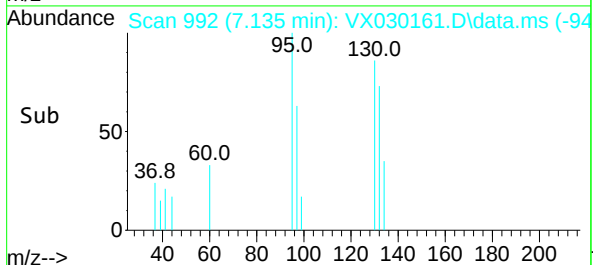
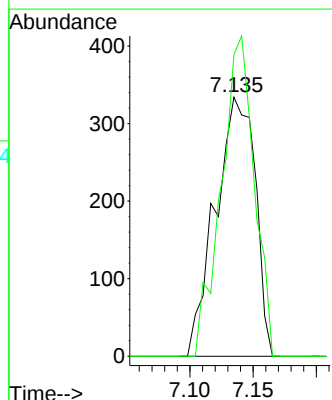
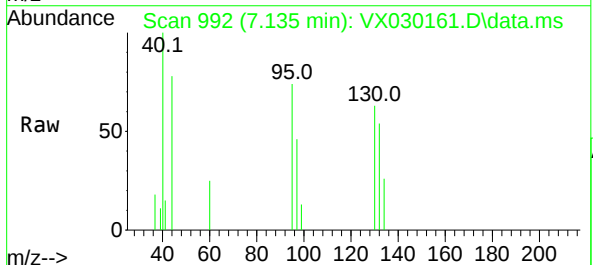


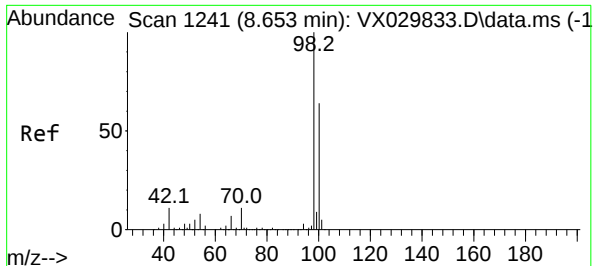
Tgt Ion:117 Resp: 17227
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.322 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

Tgt Ion:130 Resp: 732
Ion Ratio Lower Upper
130 100
95 116.5 0.0 194.8

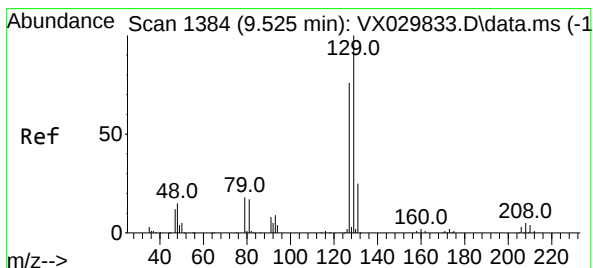
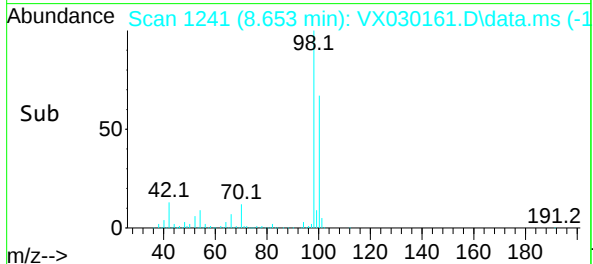
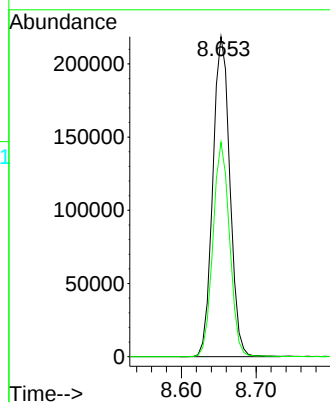
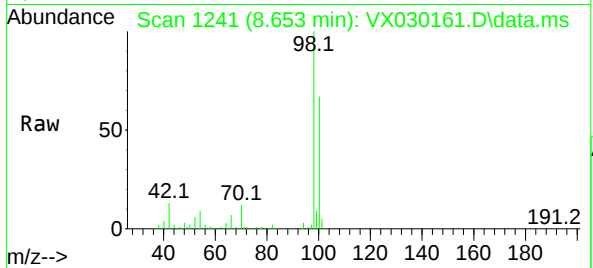




#50
Toluene-d8
Concen: 48.066 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

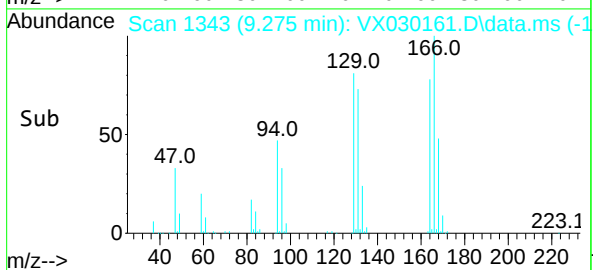
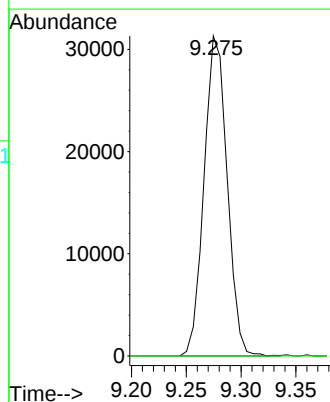
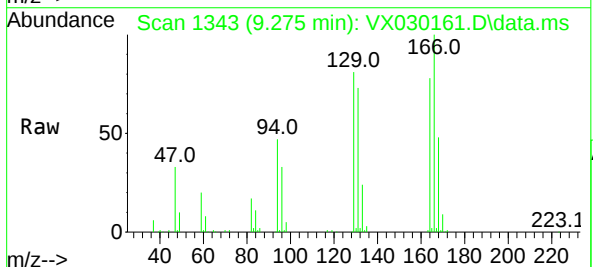
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84DL

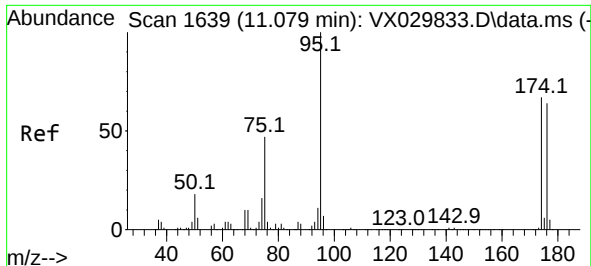
Tgt Ion: 98 Resp: 346222
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#60
Dibromochloromethane
Concen: 23.126 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

Tgt Ion:129 Resp: 45938
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

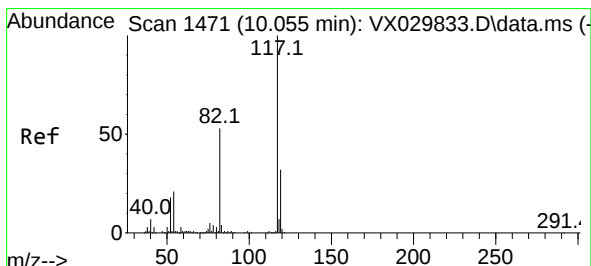
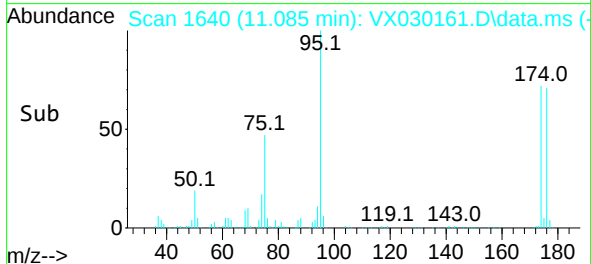
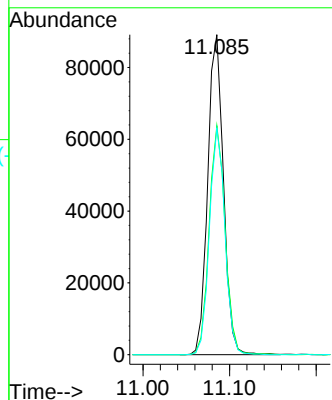
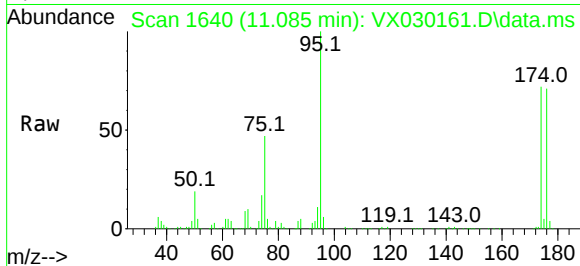




#62
4-Bromofluorobenzene
Concen: 45.008 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

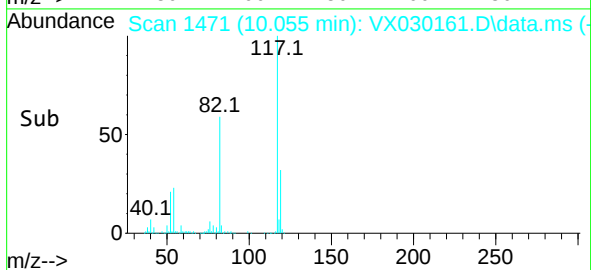
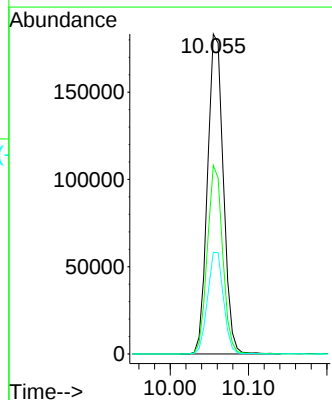
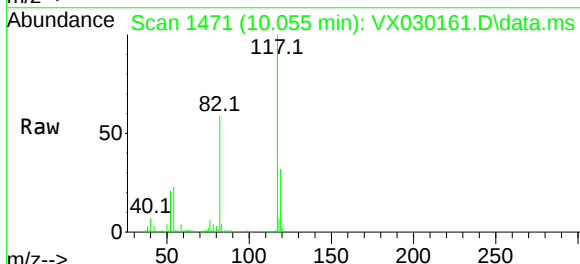
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84DL

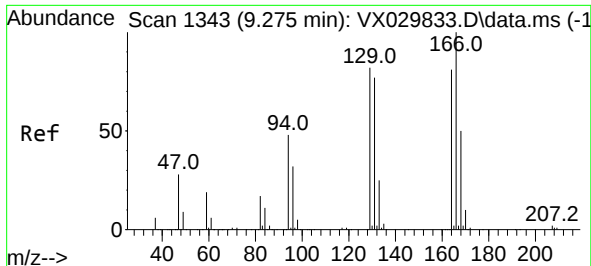
Tgt Ion: 95 Resp: 112506
Ion Ratio Lower Upper
95 100
174 72.7 0.0 149.0
176 69.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

Tgt Ion: 117 Resp: 256999
Ion Ratio Lower Upper
117 100
82 58.9 42.7 64.1
119 31.8 25.4 38.2

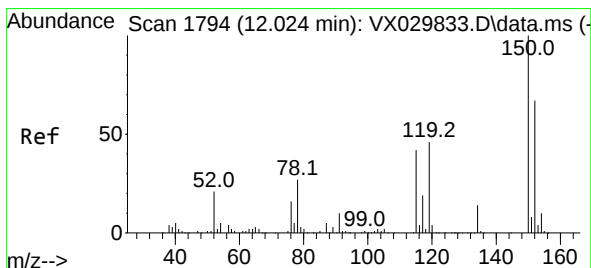
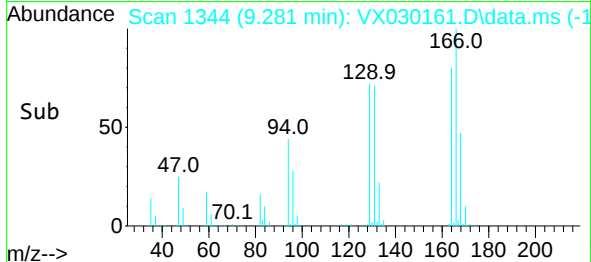
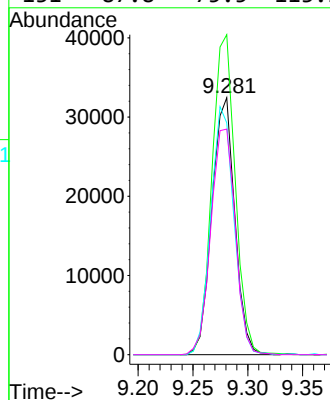
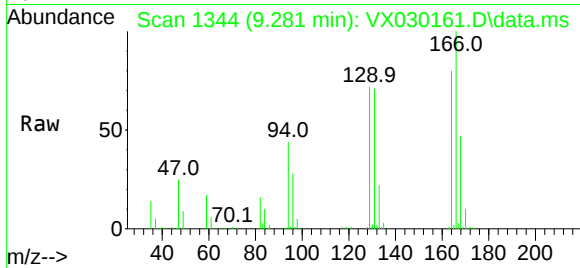




#64
Tetrachloroethene
Concen: 22.863 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

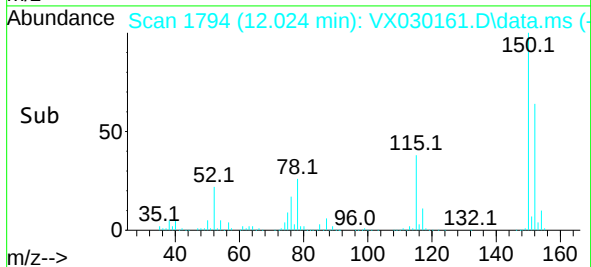
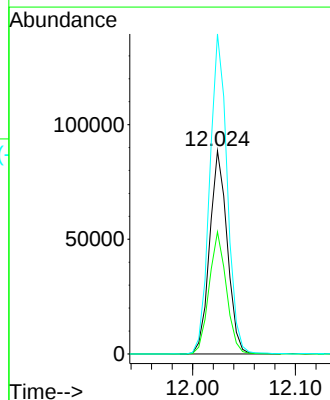
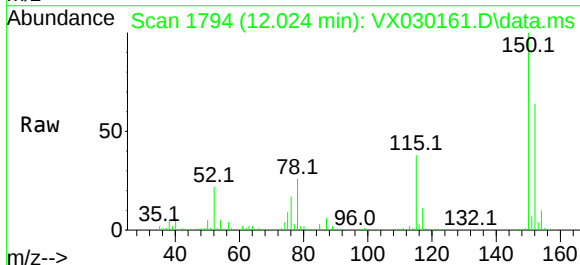
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84DL

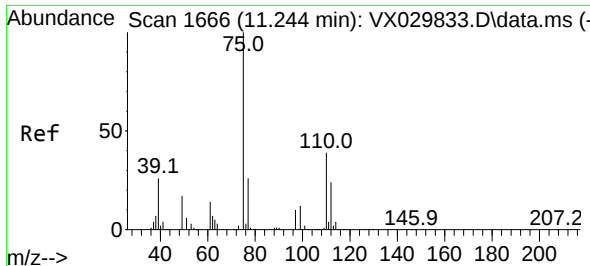
Tgt Ion:164 Resp: 47167
Ion Ratio Lower Upper
164 100
166 124.5 98.2 147.4
129 90.2 80.8 121.2
131 87.8 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

Tgt Ion:152 Resp: 105574
Ion Ratio Lower Upper
152 100
115 58.9 40.5 121.5
150 156.4 0.0 347.0

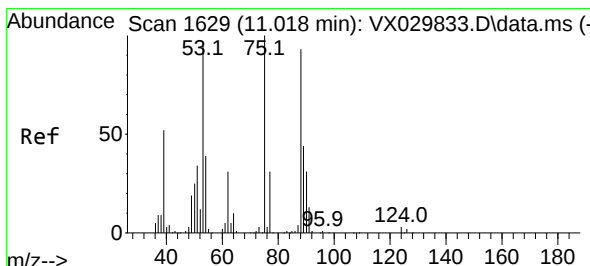
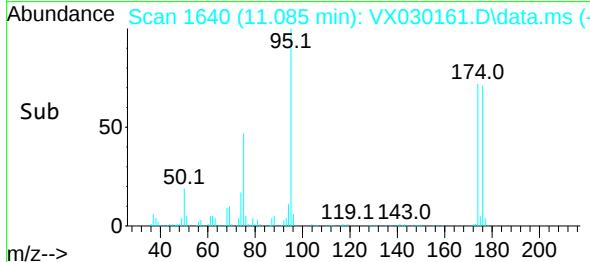
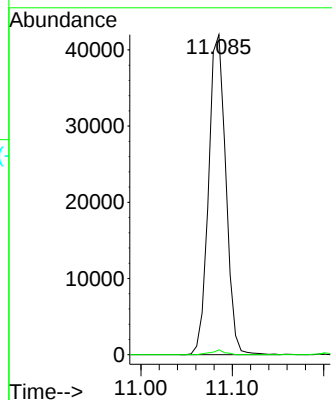
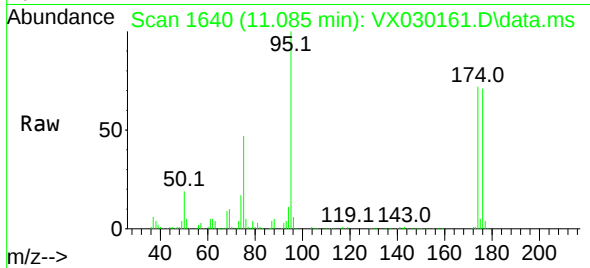




#76
1,2,3-Trichloropropane
Concen: 22.618 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

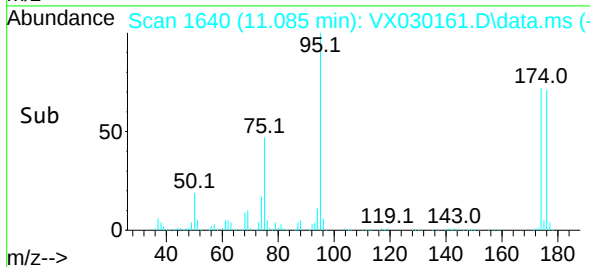
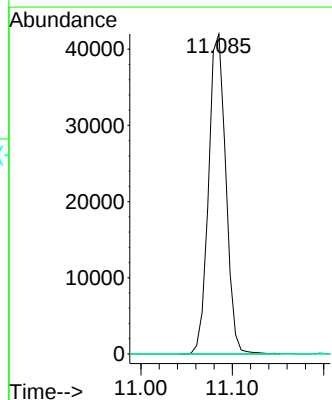
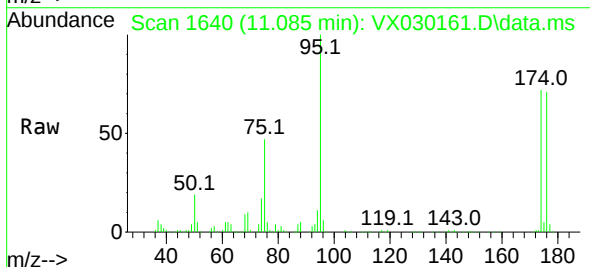
Instrument :
MSVOA_X
ClientSampleId :
SPC-01DN-84DL

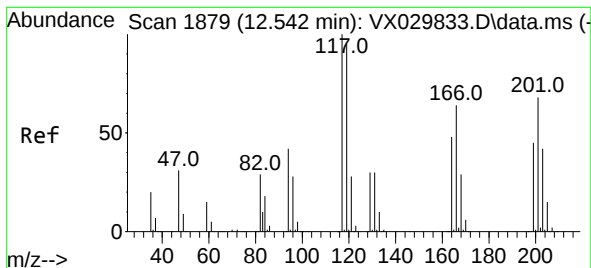
Tgt Ion: 75 Resp: 54903
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.276 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030161.D
Acq: 21 Jul 2022 14:45

Tgt Ion: 75 Resp: 54903
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#





#90

Hexachloroethane

Concen: 0.243 ug/l

RT: 12.536 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX030161.D

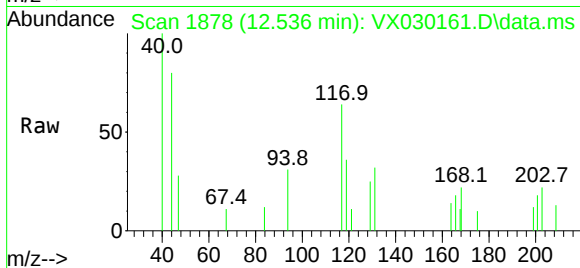
Acq: 21 Jul 2022 14:45

Instrument :

MSVOA_X

ClientSampleId :

SPC-01DN-84DL



Tgt Ion:117 Resp: 262

Ion Ratio Lower Upper

117 100

201 77.1 34.2 102.5

