

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030274.D
 Acq On : 28 Jul 2022 16:58
 Operator : JC/MD
 Sample : N3839-08DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANKDL

Quant Time: Jul 29 05:58:26 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)

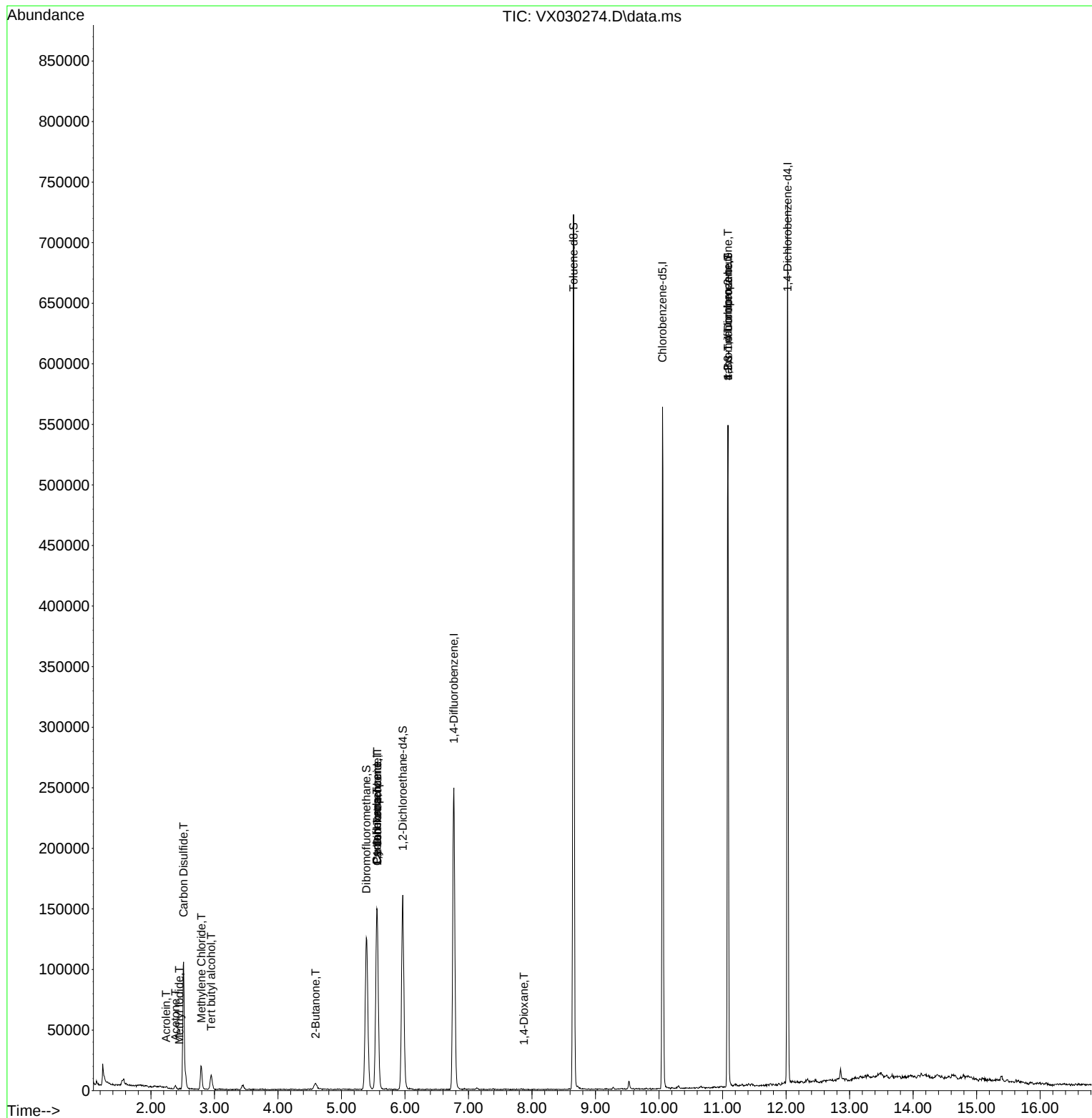
Internal Standards						
1) Pentafluorobenzene	5.556	168	138875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	249644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144591	51.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.600%	
35) Dibromofluoromethane	5.391	113	112301	47.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.120%	
50) Toluene-d8	8.653	98	420798	45.531	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.060%	
62) 4-Bromofluorobenzene	11.085	95	150927	44.003	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	593	Below Cal		85
10) Methyl Iodide	2.447	142	411	1.709 ug/l	#	76
11) Tert butyl alcohol	2.947	59	7102	10.431 ug/l	#	79
13) Acrolein	2.239	56	60	0.359 ug/l	#	1
16) Acetone	2.386	43	2969	2.078 ug/l		93
17) Carbon Disulfide	2.514	76	129880	22.178 ug/l		99
20) Methylene Chloride	2.794	84	8669	1.057 ug/l		92
25) 2-Butanone	4.593	43	1192	0.496 ug/l	#	48
31) Cyclohexane	5.556	56	3159	0.779 ug/l	#	1
36) 1,1-Dichloropropene	5.562	75	12036	3.505 ug/l	#	47
38) Carbon Tetrachloride	5.562	117	14245	4.443 ug/l	#	17
49) 1,4-Dioxane	7.872	88	20	0.247 ug/l	#	25
67) Ethyl Benzene	10.201	91	657	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	74912	20.432 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	74912	61.295 ug/l	#	13

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

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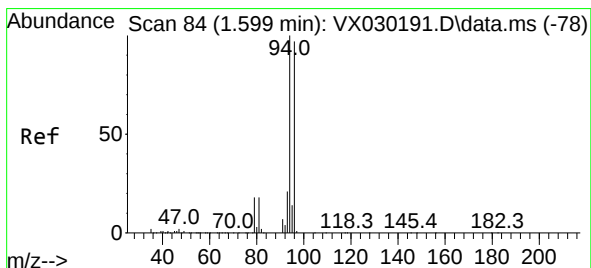
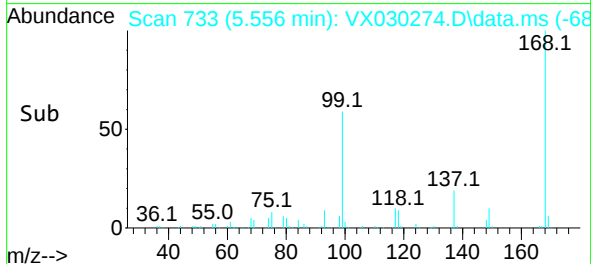
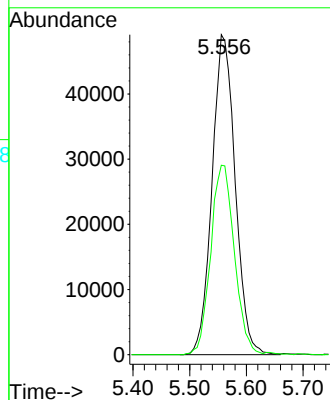
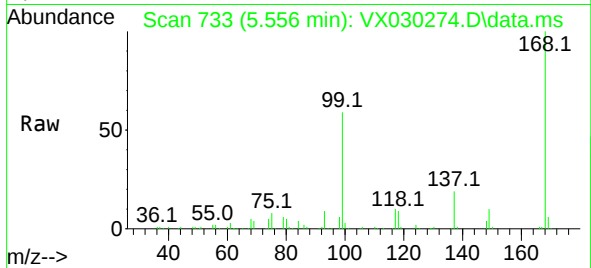




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

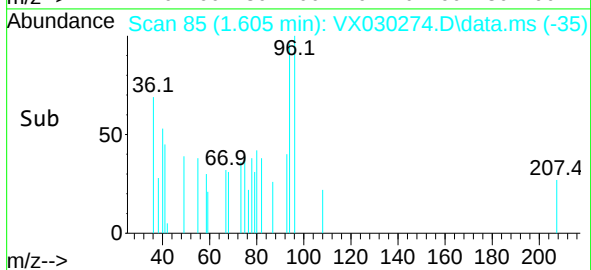
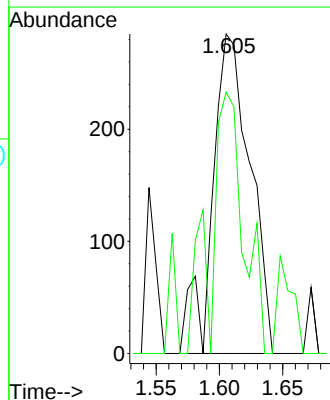
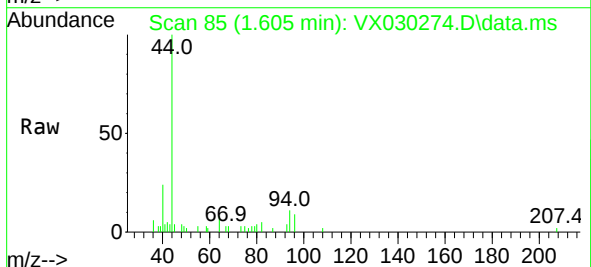
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANKDL

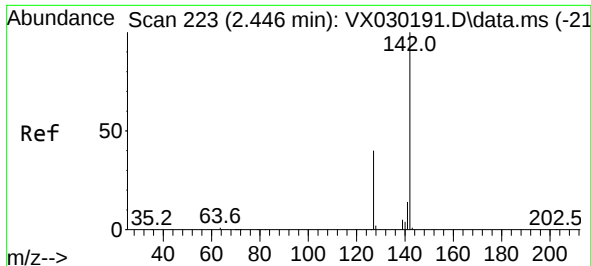
Tgt Ion:168 Resp: 138875
Ion Ratio Lower Upper
168 100
99 59.2 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

Tgt Ion: 94 Resp: 593
Ion Ratio Lower Upper
94 100
96 81.8 76.9 115.3

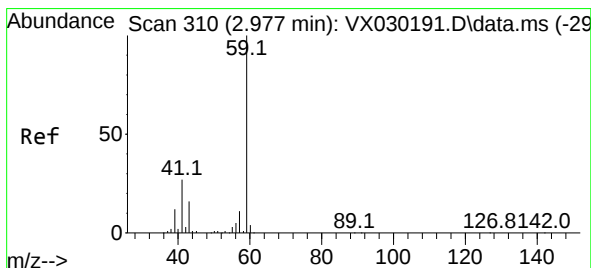
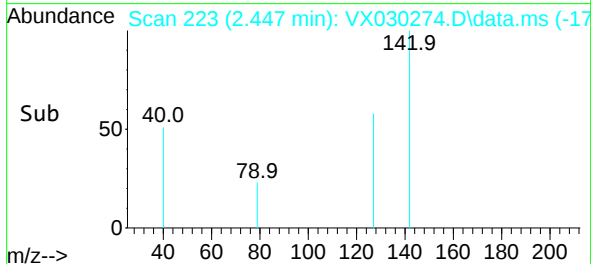
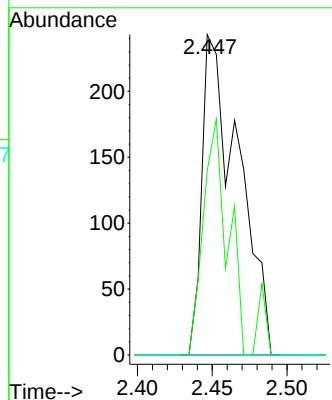
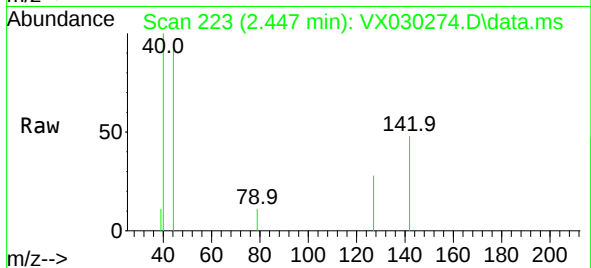




#10
Methyl Iodide
Concen: 1.709 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

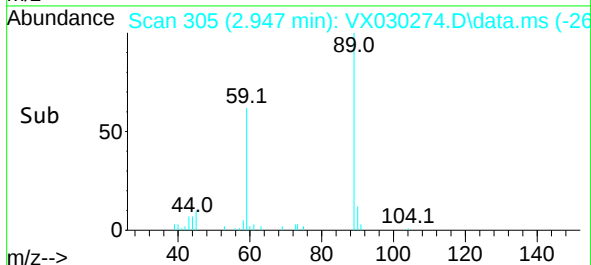
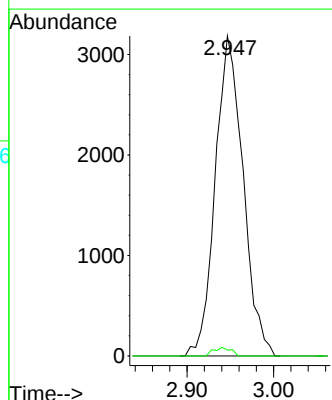
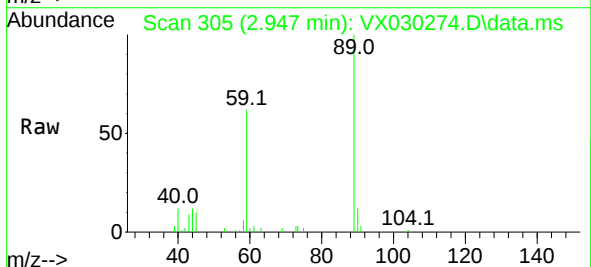
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANKDL

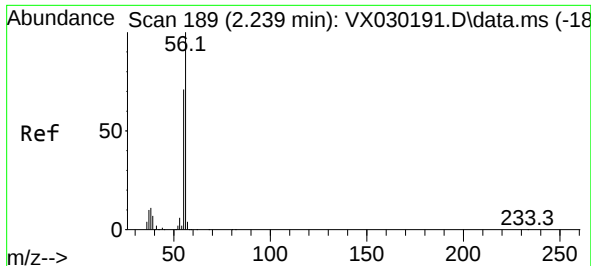
Tgt Ion:142 Resp: 411
Ion Ratio Lower Upper
142 100
127 49.4 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 10.431 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

Tgt Ion: 59 Resp: 7102
Ion Ratio Lower Upper
59 100
57 1.6 7.4 11.2#

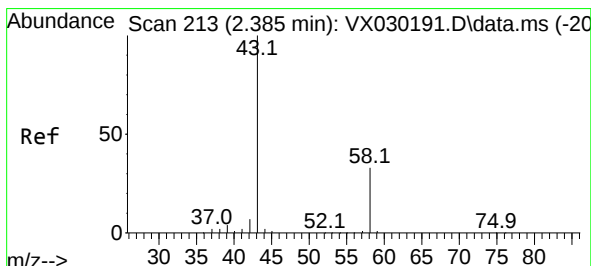
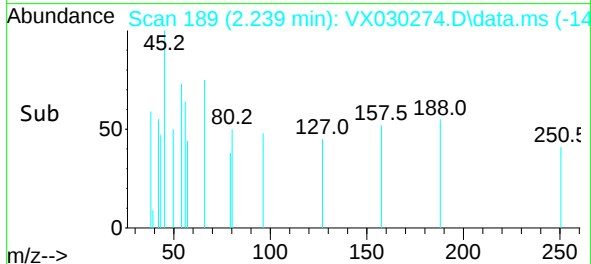
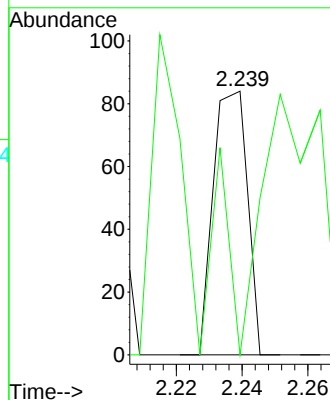
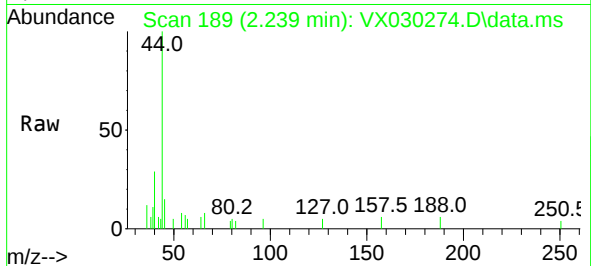




#13
Acrolein
Concen: 0.359 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

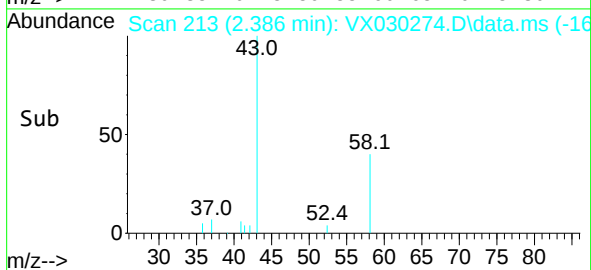
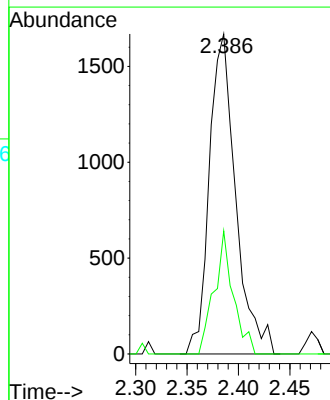
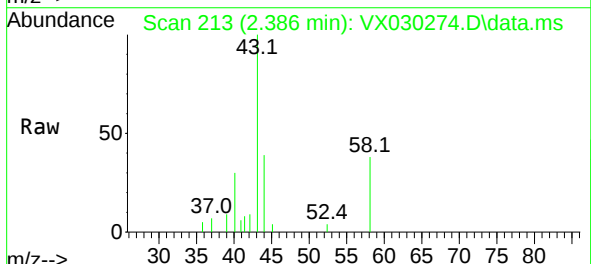
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANKDL

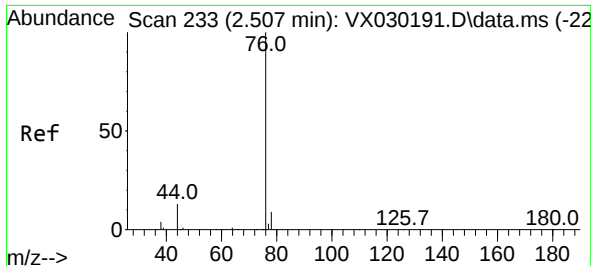
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 166.7 56.6 84.8#



#16
Acetone
Concen: 2.078 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

Tgt Ion: 43 Resp: 2969
Ion Ratio Lower Upper
43 100
58 38.5 27.7 41.5

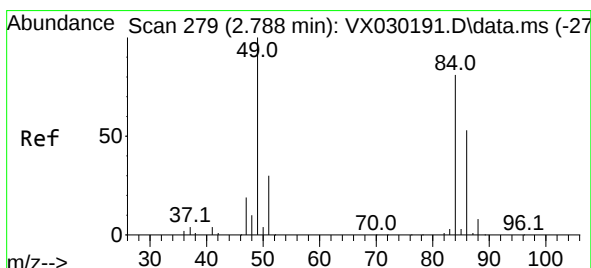
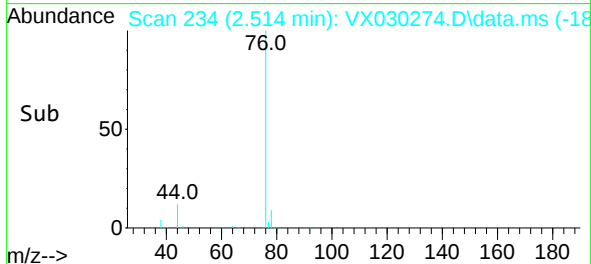
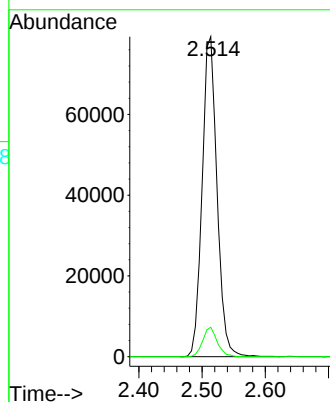
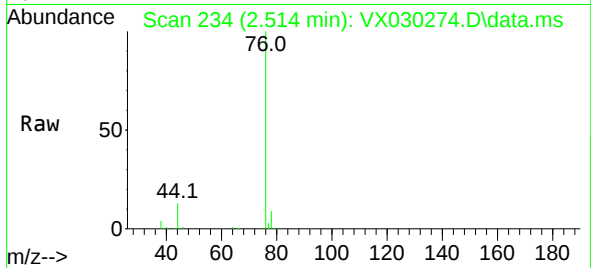




#17
Carbon Disulfide
Concen: 22.178 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

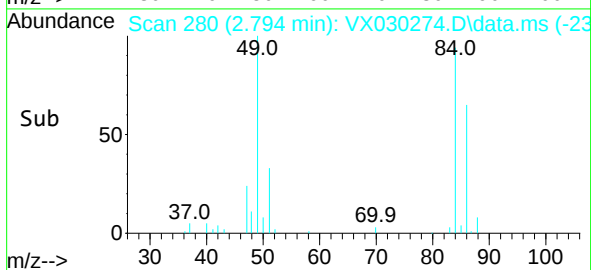
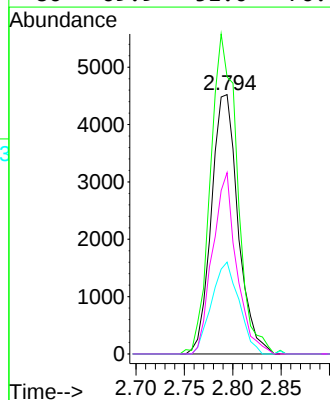
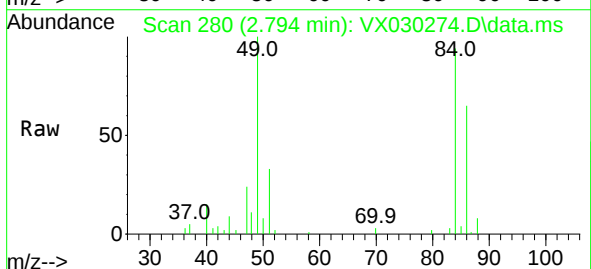
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANKDL

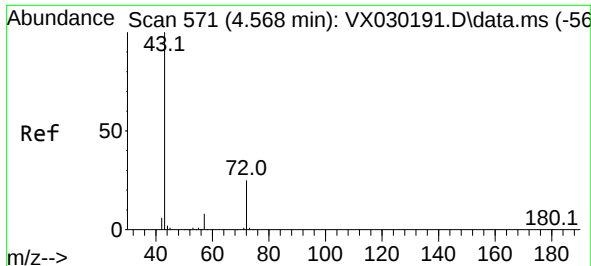
Tgt Ion: 76 Resp: 129880
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6



#20
Methylene Chloride
Concen: 1.057 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

Tgt Ion: 84 Resp: 8669
Ion Ratio Lower Upper
84 100
49 106.8 93.8 140.6
51 35.4 29.4 44.0
86 69.9 51.0 76.4

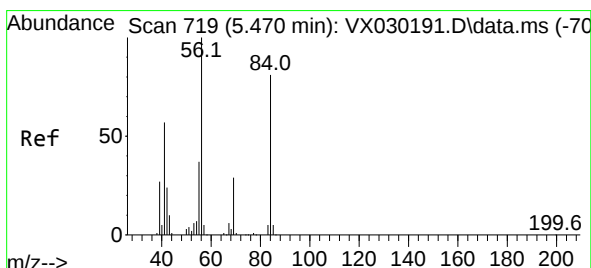
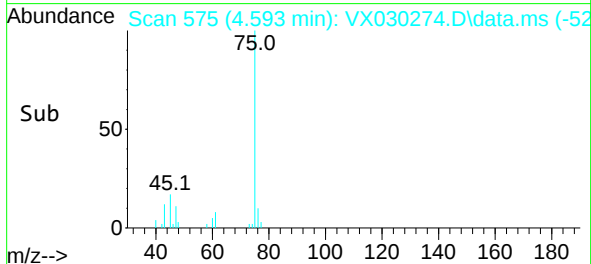
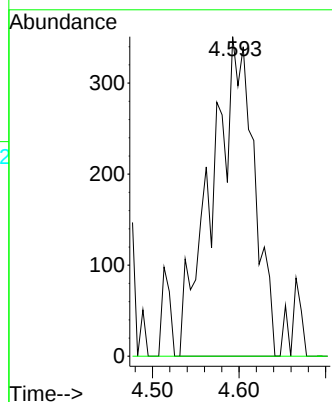
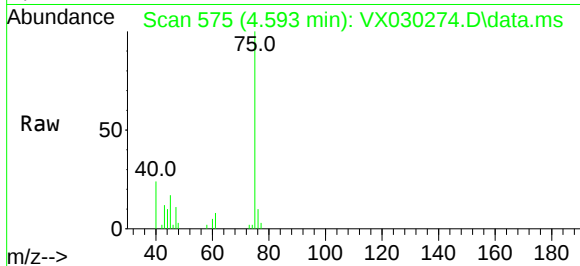




#25
2-Butanone
Concen: 0.496 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

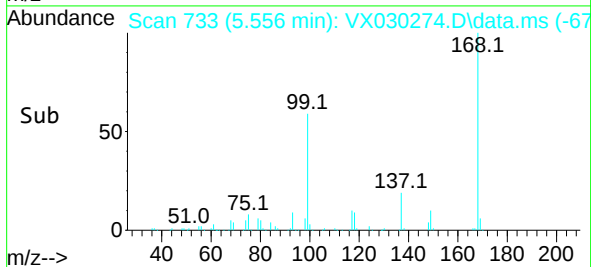
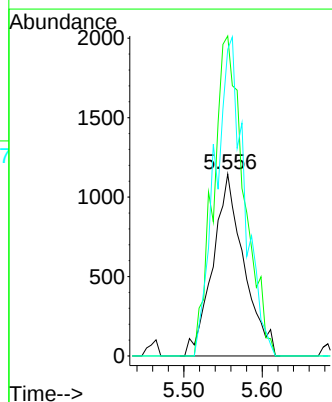
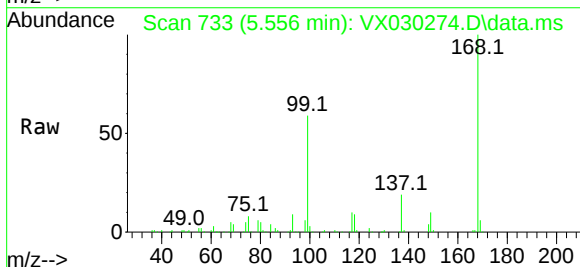
Instrument :
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ClientSampleId :
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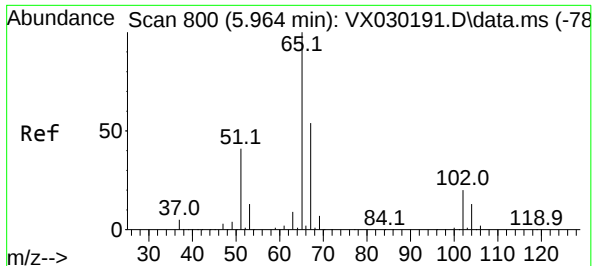
Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 0.779 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

Tgt Ion: 56 Resp: 3159
Ion Ratio Lower Upper
56 100
69 175.9 25.4 38.0#
84 168.5 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.801 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030274.D

Acq: 28 Jul 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

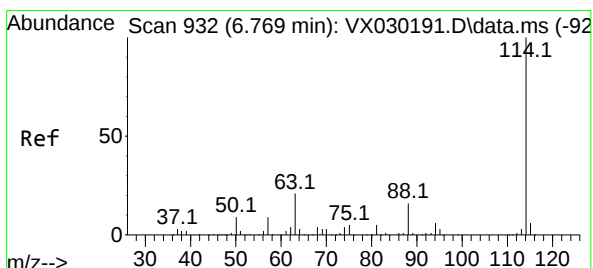
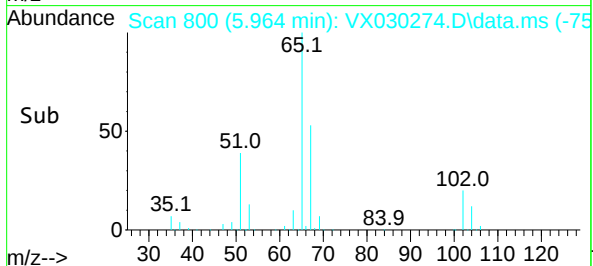
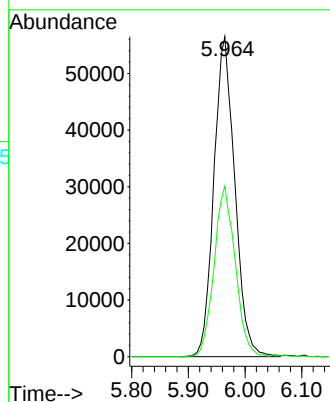
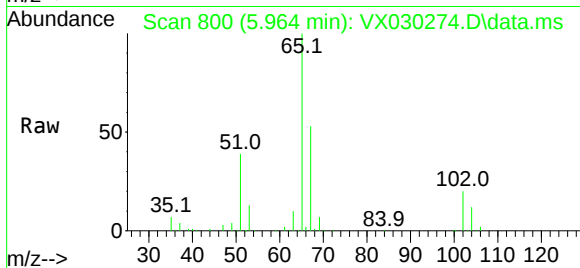
FIELD-BLANKDL

Tgt Ion: 65 Resp: 144591

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030274.D

Acq: 28 Jul 2022 16:58

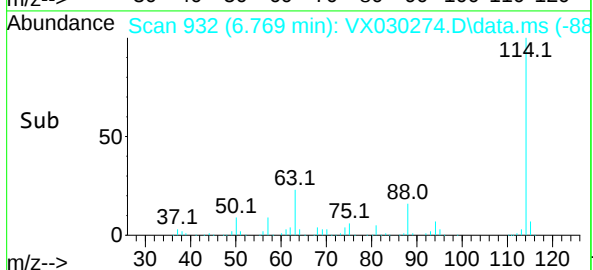
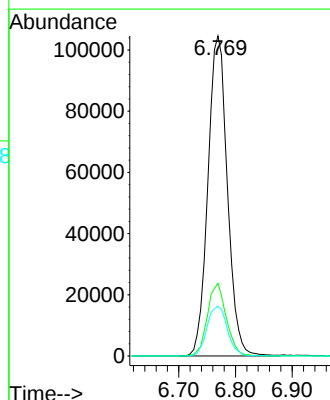
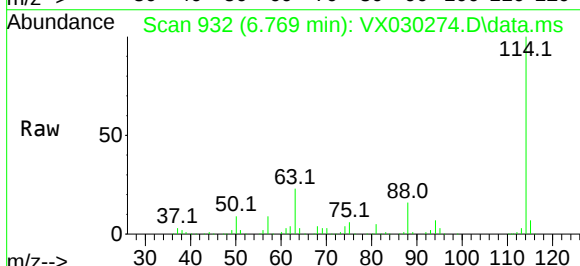
Tgt Ion: 114 Resp: 249644

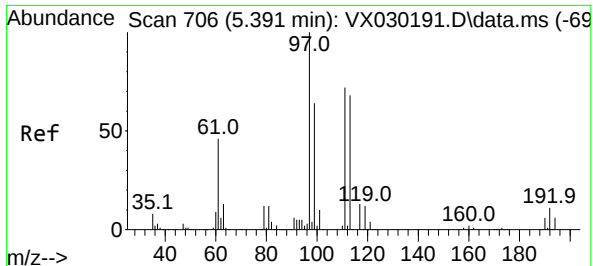
Ion Ratio Lower Upper

114 100

63 22.7 0.0 38.4

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.057 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030274.D

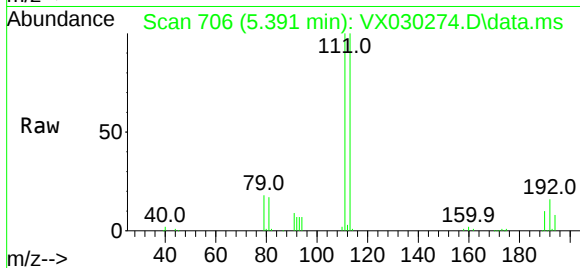
Acq: 28 Jul 2022 16:58

Instrument :

MSVOA_X

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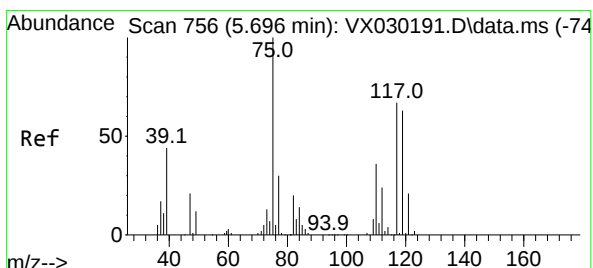
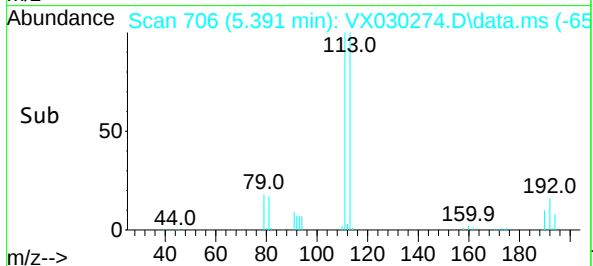
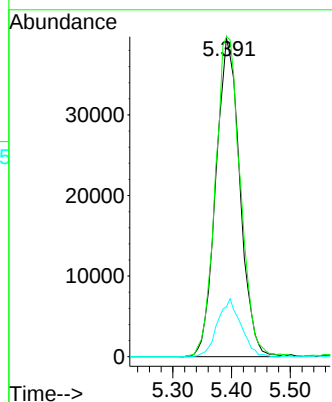
Tgt Ion:113 Resp: 112301

Ion Ratio Lower Upper

113 100

111 104.8 83.2 124.8

192 17.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.505 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030274.D

Acq: 28 Jul 2022 16:58

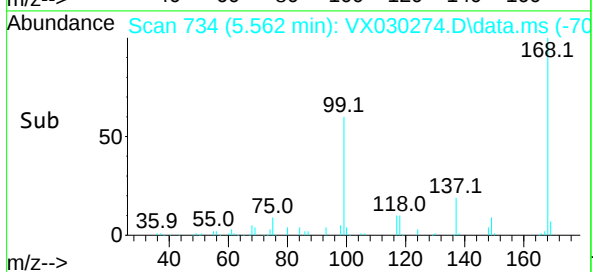
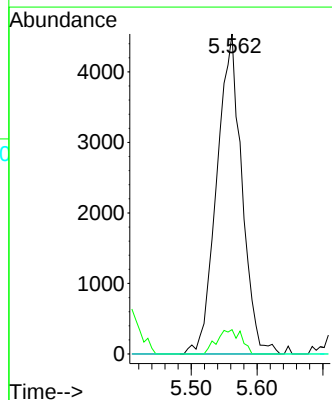
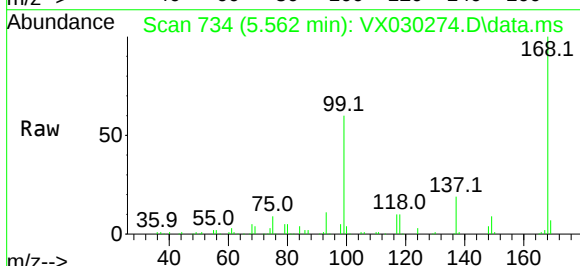
Tgt Ion: 75 Resp: 12036

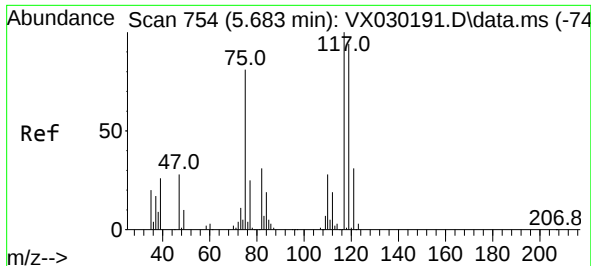
Ion Ratio Lower Upper

75 100

110 7.4 19.3 57.9#

77 0.0 24.4 36.6#

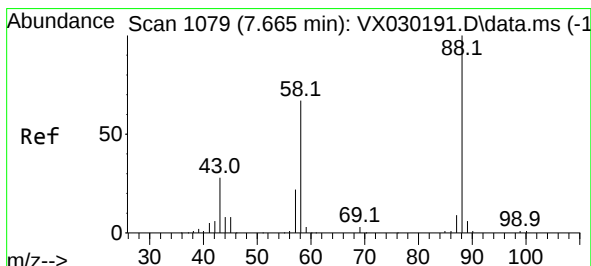
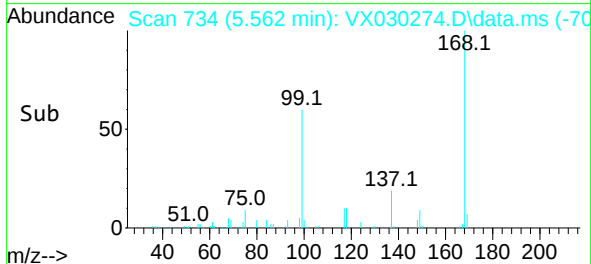
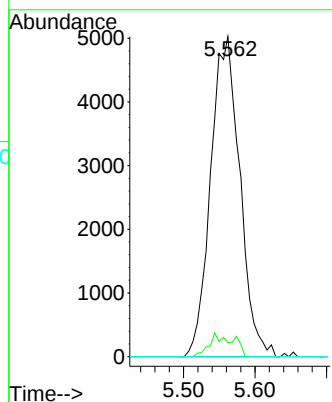
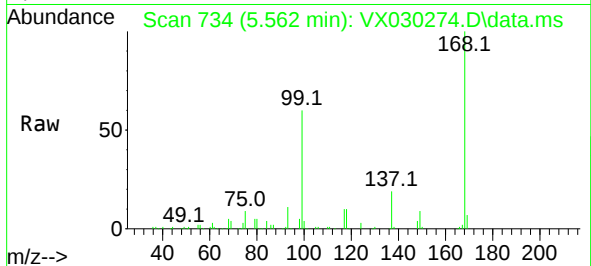




#38
Carbon Tetrachloride
Concen: 4.443 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

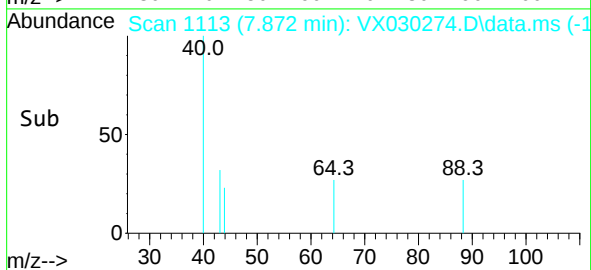
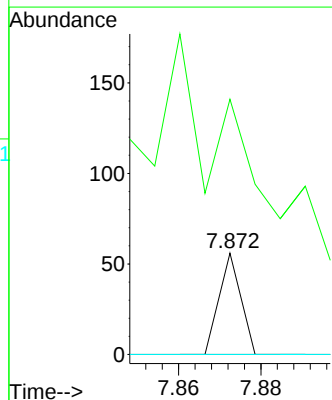
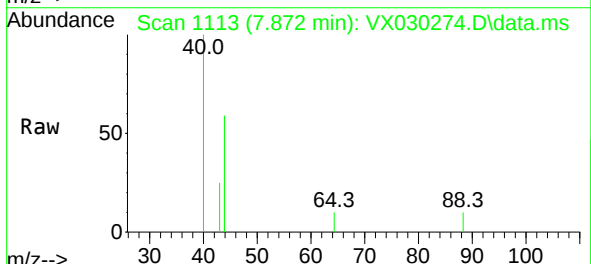
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANKDL

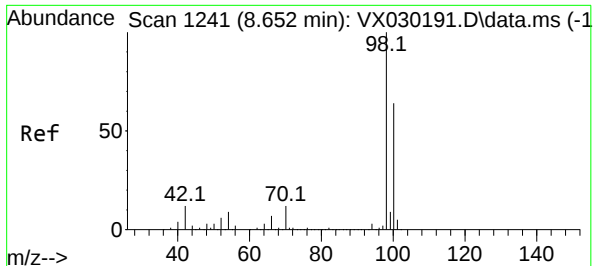
Tgt Ion:117 Resp: 14245
Ion Ratio Lower Upper
117 100
119 4.3 74.1 111.1#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 0.247 ug/l
RT: 7.872 min Scan# 1113
Delta R.T. 0.207 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

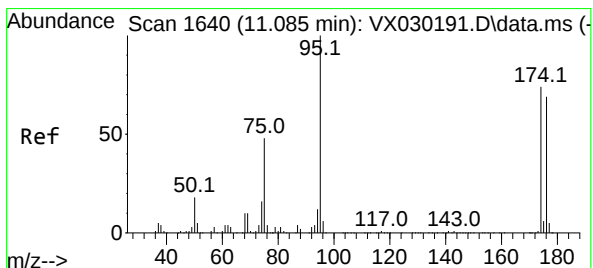
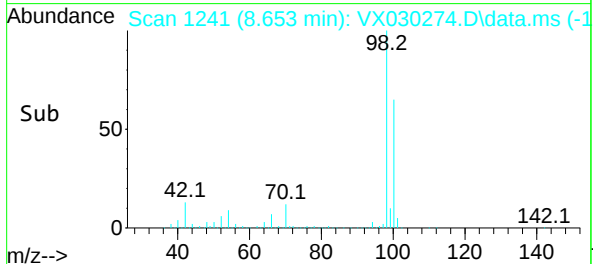
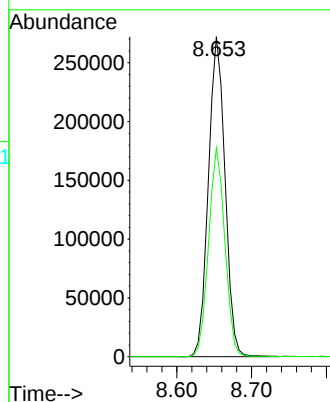
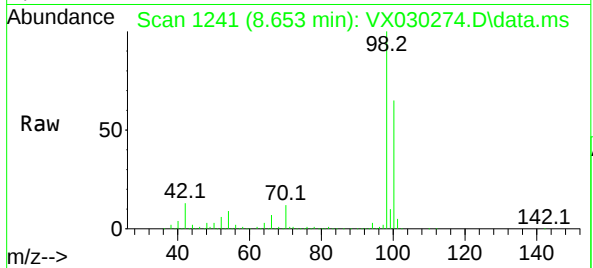




#50
Toluene-d8
Concen: 45.531 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

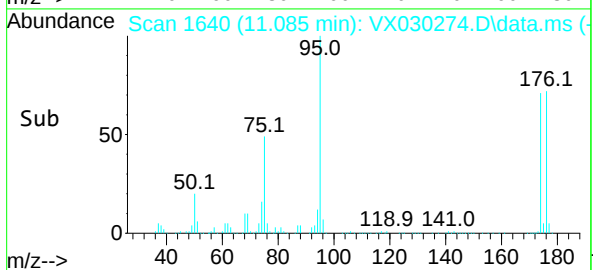
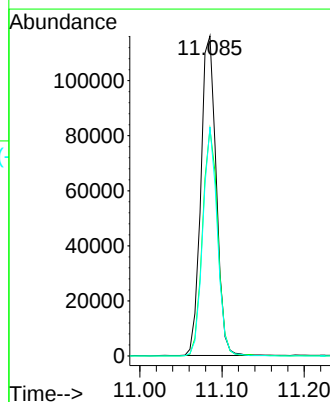
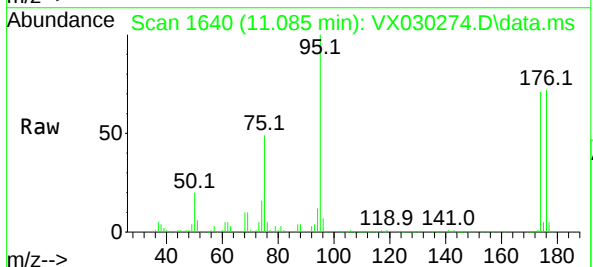
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANKDL

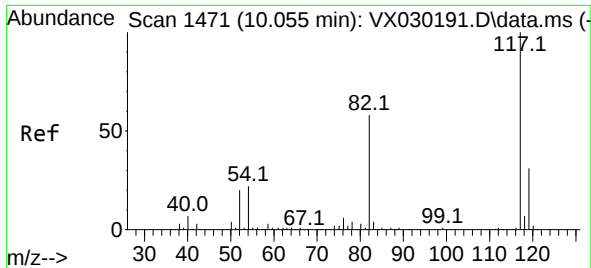
Tgt Ion: 98 Resp: 420798
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.003 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

Tgt Ion: 95 Resp: 150927
Ion Ratio Lower Upper
95 100
174 70.2 0.0 149.0
176 67.6 0.0 146.0

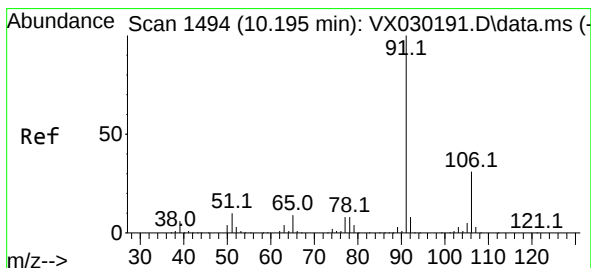
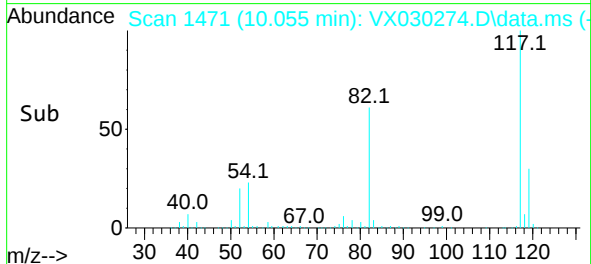
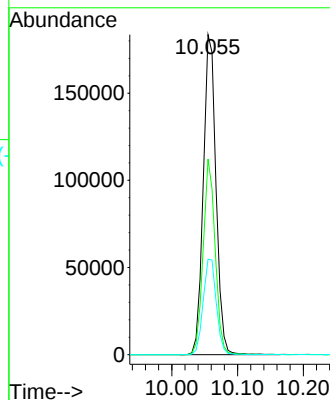
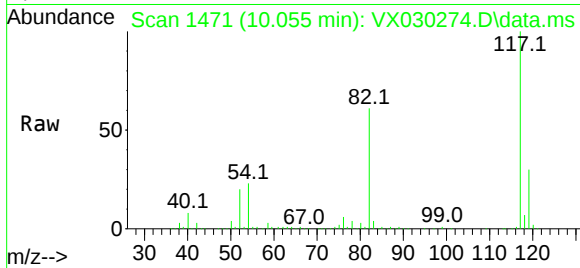




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

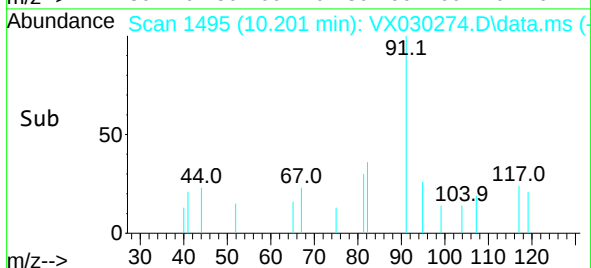
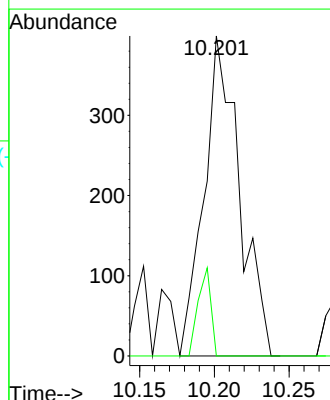
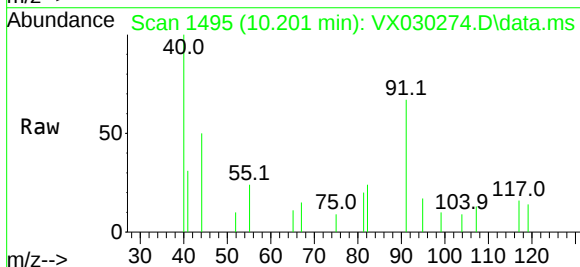
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANKDL

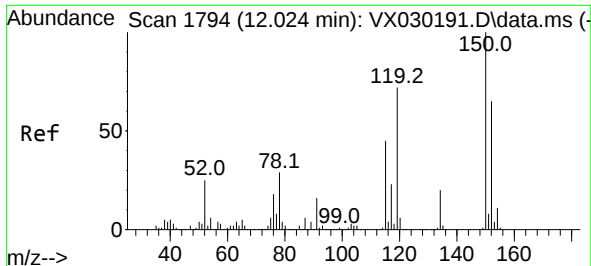
Tgt Ion:117 Resp: 246653
Ion Ratio Lower Upper
117 100
82 61.1 42.7 64.1
119 29.8 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030274.D
Acq: 28 Jul 2022 16:58

Tgt Ion: 91 Resp: 657
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#

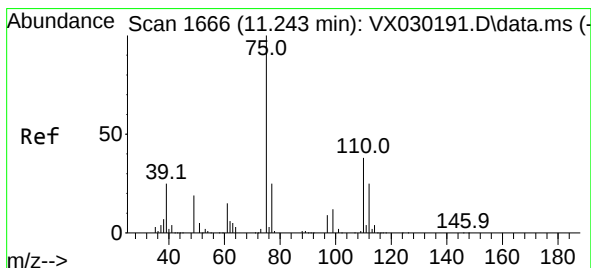
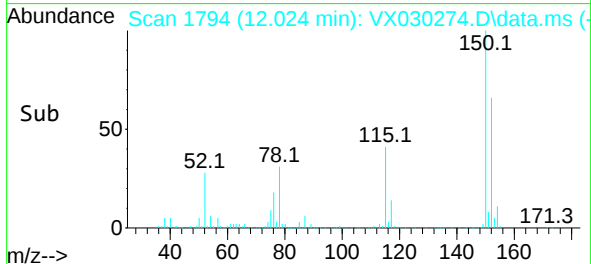
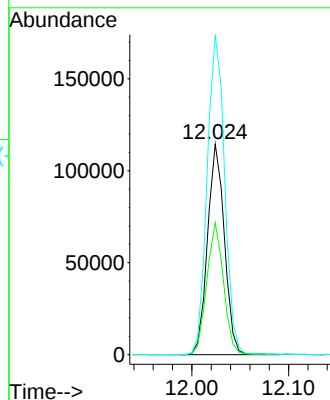
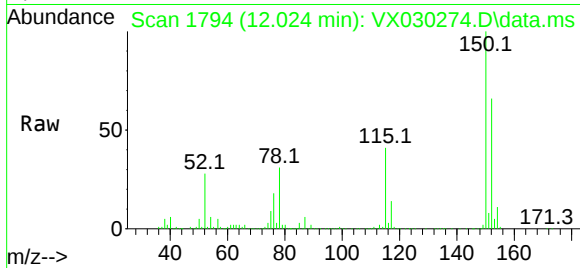




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030274.D
 Acq: 28 Jul 2022 16:58

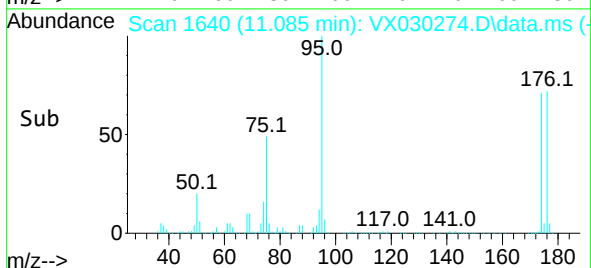
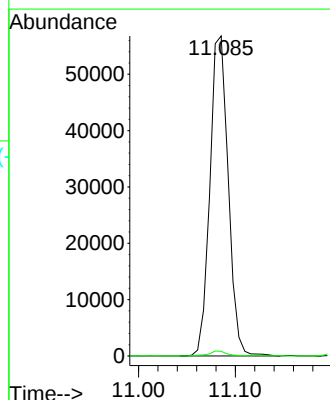
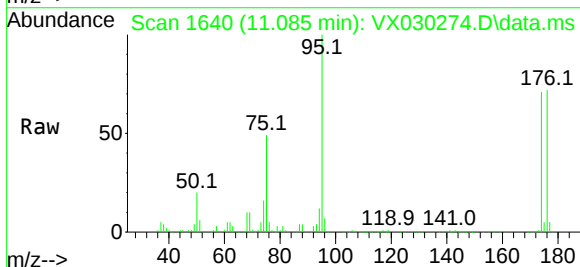
Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANKDL

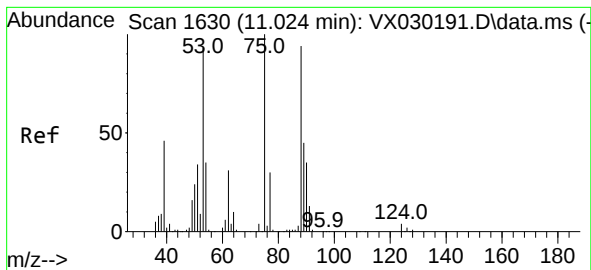
Tgt Ion:152 Resp: 139092
 Ion Ratio Lower Upper
 152 100
 115 61.9 40.5 121.5
 150 157.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 20.432 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030274.D
 Acq: 28 Jul 2022 16:58

Tgt Ion: 75 Resp: 74912
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.295 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030274.D
 Acq: 28 Jul 2022 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANKDL

Tgt Ion: 75 Resp: 74912
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.2 111.4#
 89 0.2 34.8 52.2#

