

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028942.D
 Acq On : 25 May 2022 11:58
 Operator : JC/MD
 Sample : N2970-04DL 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 36BR-20220519DL2

Quant Time: May 26 05:43:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

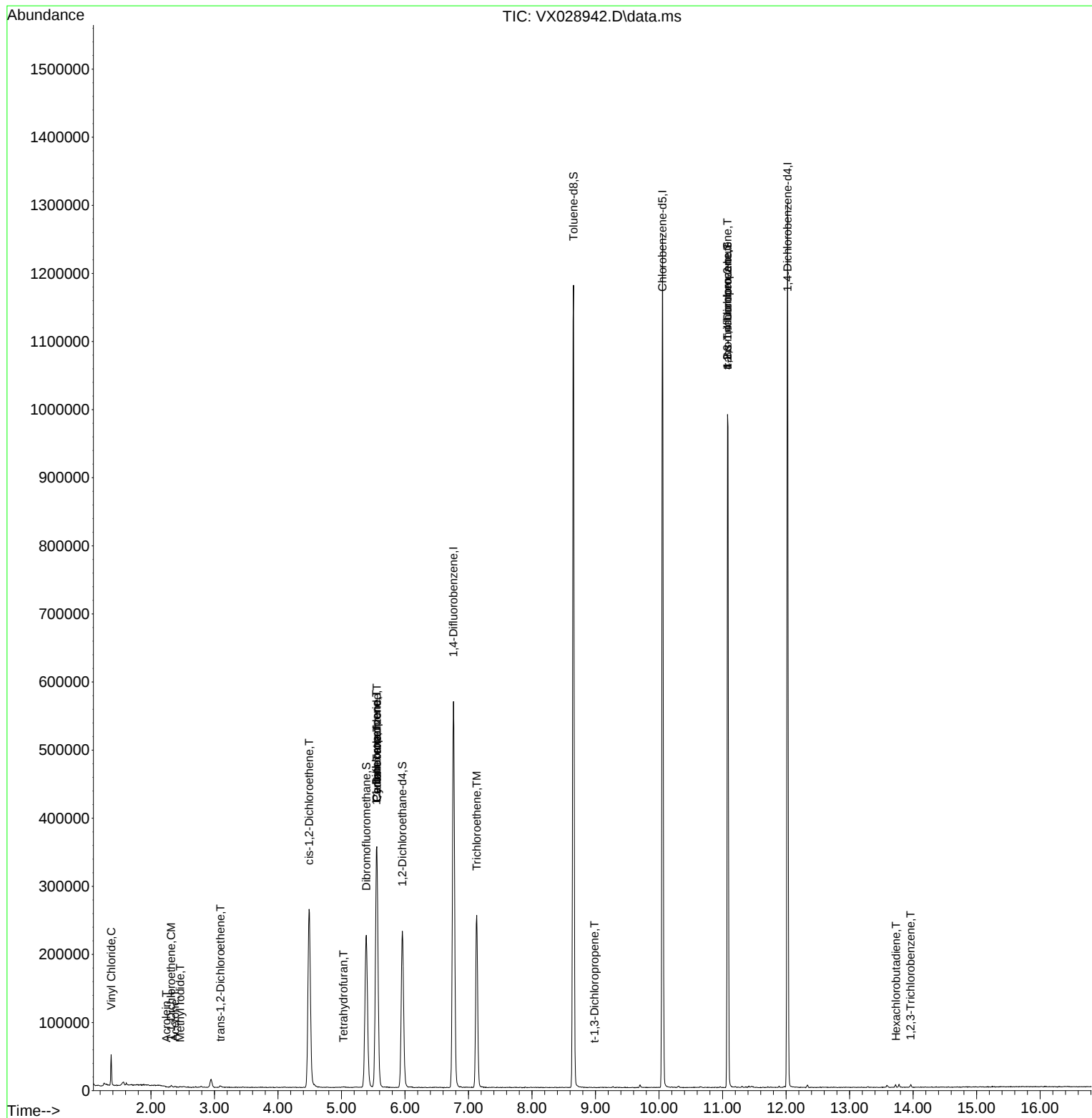
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	336400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	592451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	567435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	227738	49.387	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.780%
35) Dibromofluoromethane	5.391	113	196387	50.594	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.180%
50) Toluene-d8	8.653	98	704980	48.172	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.079	95	278769	51.000	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.000%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	25958	5.807	ug/l	97
5) Bromomethane	1.611	94	1227	Below Cal		100
6) Chloroethane	1.679	64	1335	Below Cal	#	64
10) Methyl Iodide	2.459	142	1287	0.287	ug/l #	96
11) Tert butyl alcohol	2.947	59	6553	Below Cal	#	74
12) 1,1-Dichloroethene	2.319	96	807	0.232	ug/l #	78
13) Acrolein	2.239	56	231	0.305	ug/l #	76
16) Acetone	2.380	43	1428	0.722	ug/l #	80
21) trans-1,2-Dichloroethene	3.093	96	882	0.225	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	173054	37.783	ug/l	89
29) Tetrahydrofuran	5.032	42	691	0.342	ug/l #	55
31) Cyclohexane	5.556	56	6342	0.991	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	26135	4.483	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35405	6.034	ug/l #	16
44) Trichloroethene	7.129	130	101714	22.383	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	20	1.644	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	141153	22.565	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	141153	65.976	ug/l #	15
94) Hexachlorobutadiene	13.731	225	480	0.222	ug/l	81
96) 1,2,3-Trichlorobenzene	13.963	180	1248	0.233	ug/l	87

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
Data File : VX028942.D
Acq On : 25 May 2022 11:58
Operator : JC/MD
Sample : N2970-04DL 500X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL2

Quant Time: May 26 05:43:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

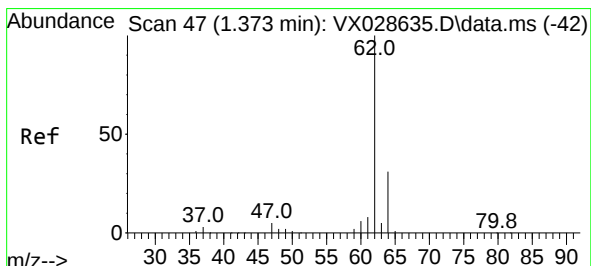
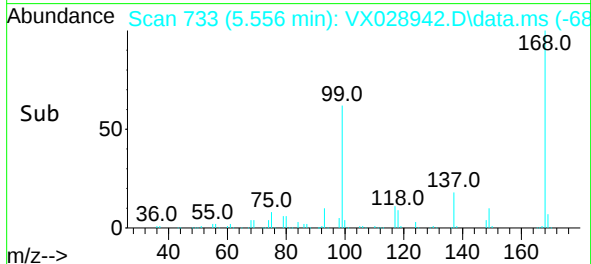
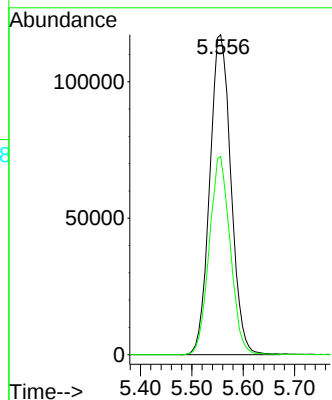
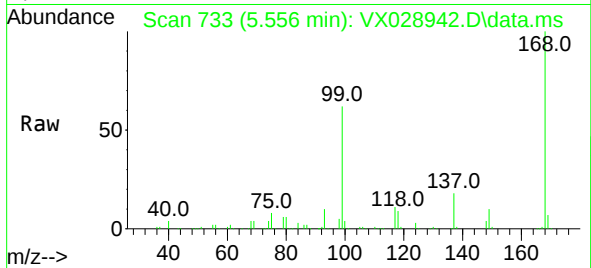




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

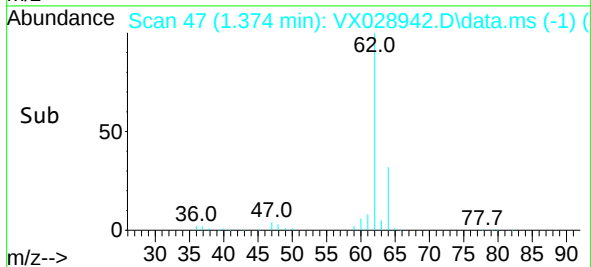
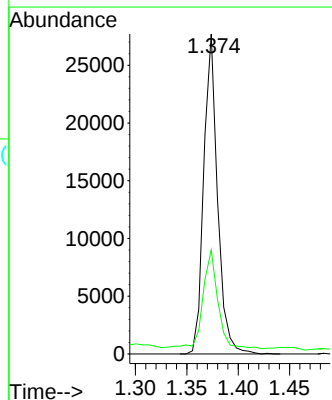
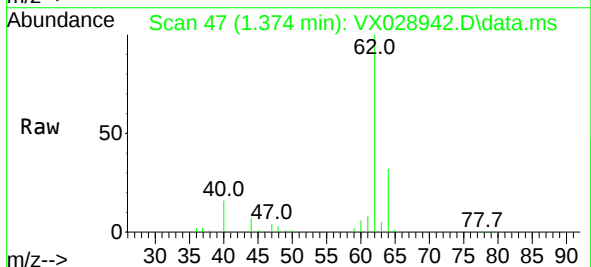
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL2

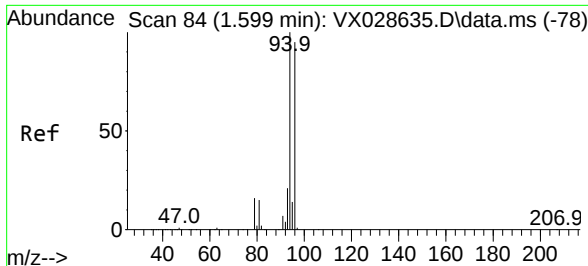
Tgt Ion:168 Resp: 336400
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5



#4
Vinyl Chloride
Concen: 5.807 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

Tgt Ion: 62 Resp: 25958
Ion Ratio Lower Upper
62 100
64 30.4 25.5 38.3

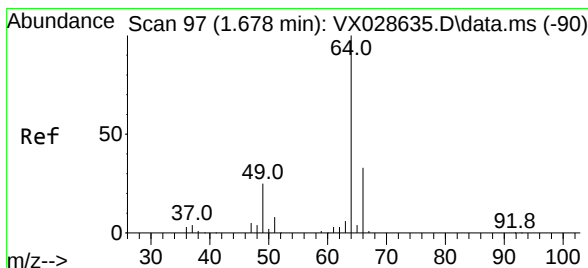
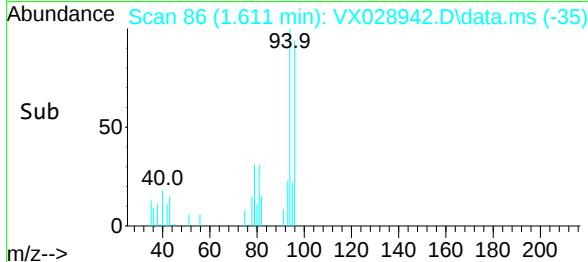
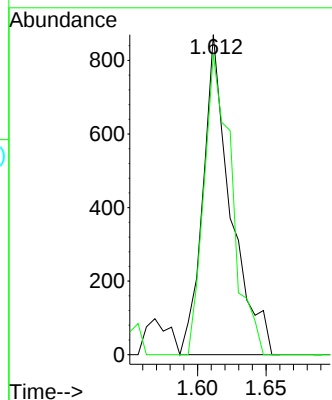
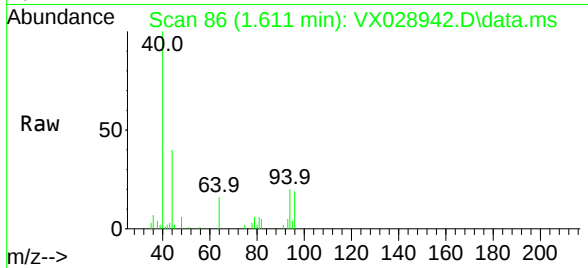




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

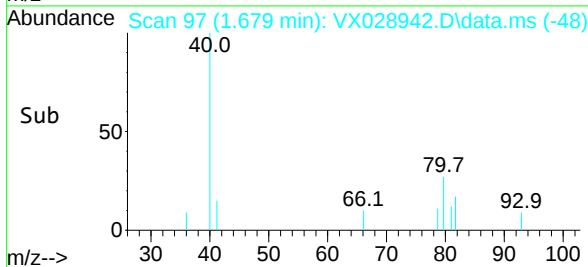
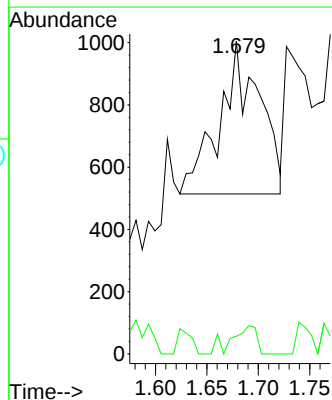
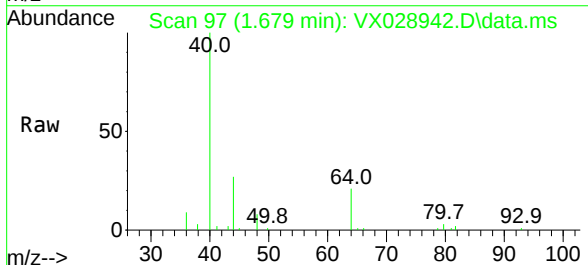
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL2

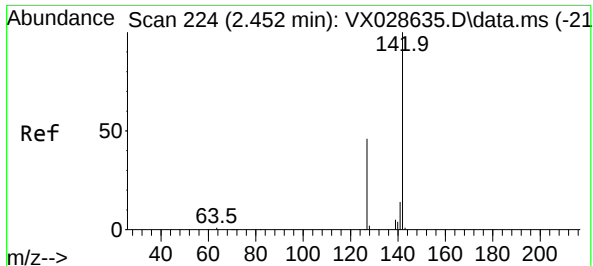
Tgt Ion: 94 Resp: 1227
Ion Ratio Lower Upper
94 100
96 94.0 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

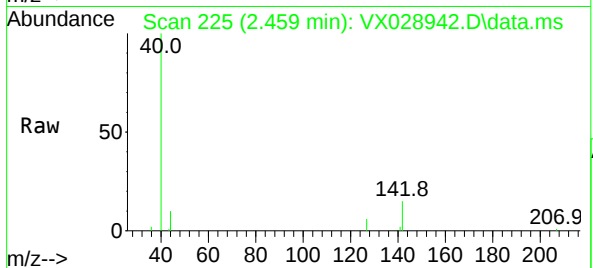
Tgt Ion: 64 Resp: 1335
Ion Ratio Lower Upper
64 100
66 11.6 25.3 37.9



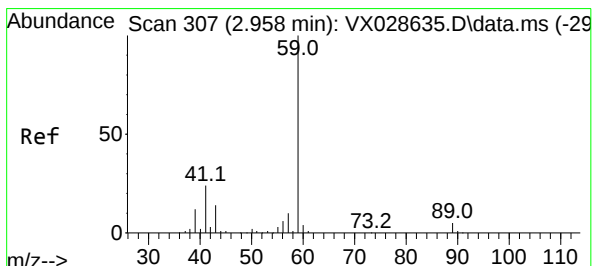
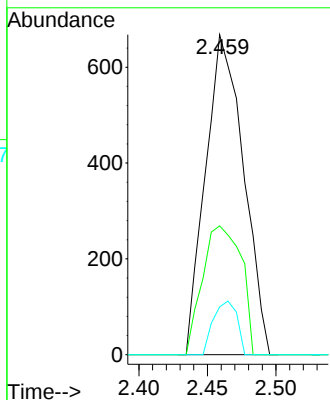
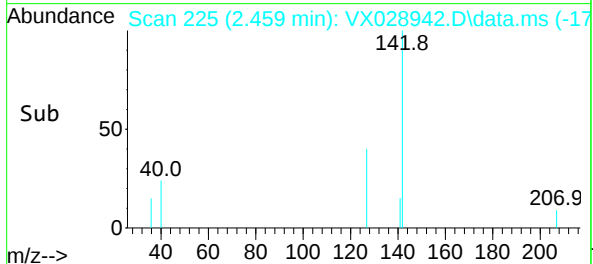


#10
Methyl Iodide
Concen: 0.287 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL2

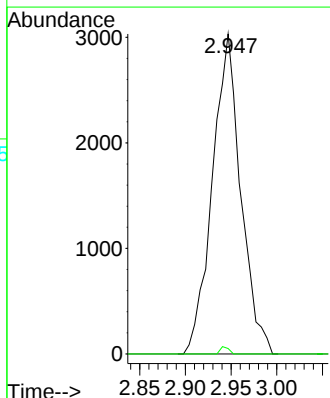
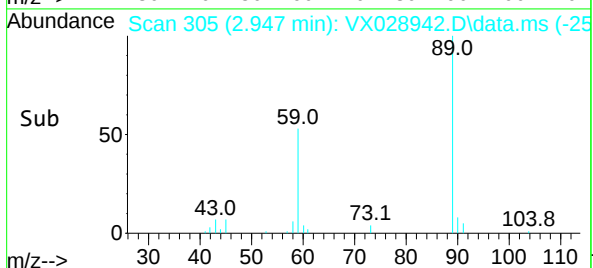
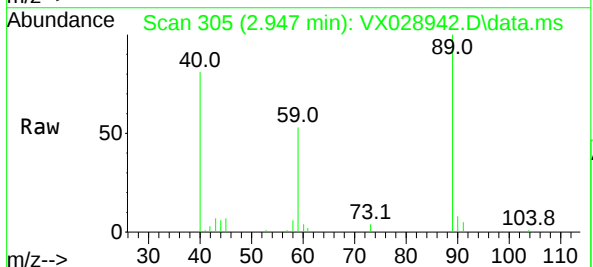


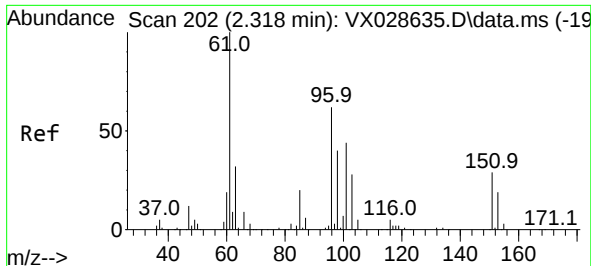
Tgt Ion:142 Resp: 1287
Ion Ratio Lower Upper
142 100
127 41.0 33.9 50.9
141 10.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

Tgt Ion: 59 Resp: 6553
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.232 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.001 min

Lab File: VX028942.D

Acq: 25 May 2022 11:58

Instrument :

MSVOA_X

ClientSampleId :

36BR-20220519DL2

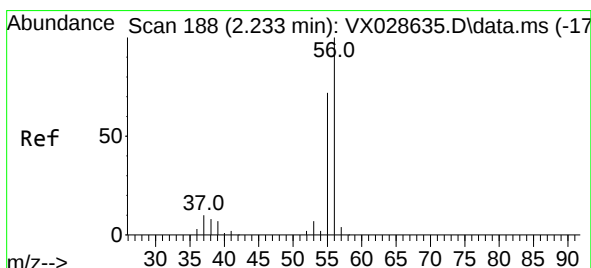
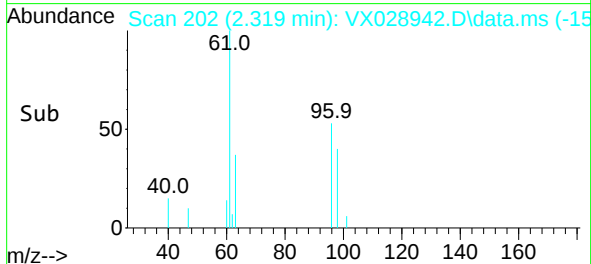
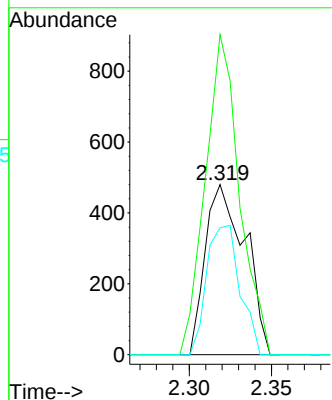
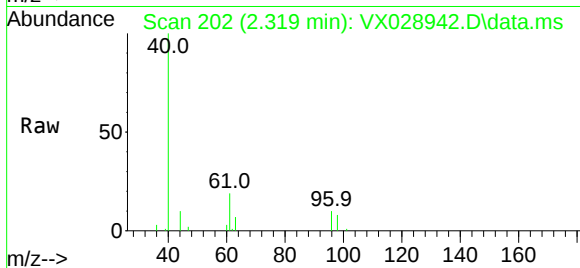
Tgt Ion: 96 Resp: 807

Ion Ratio Lower Upper

96 100

61 188.1 124.6 187.0#

98 74.6 51.0 76.4



#13

Acrolein

Concen: 0.305 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX028942.D

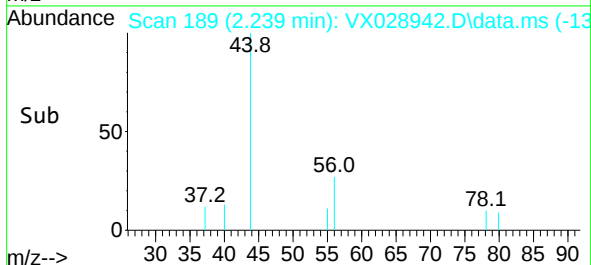
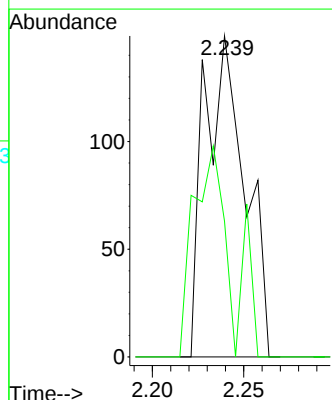
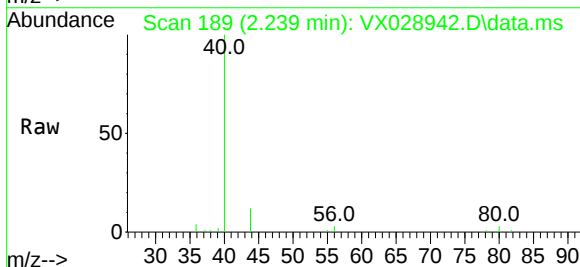
Acq: 25 May 2022 11:58

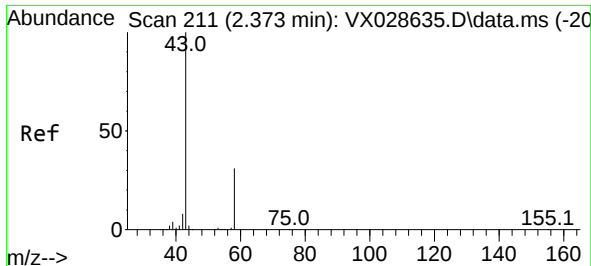
Tgt Ion: 56 Resp: 231

Ion Ratio Lower Upper

56 100

55 48.9 55.0 82.6#

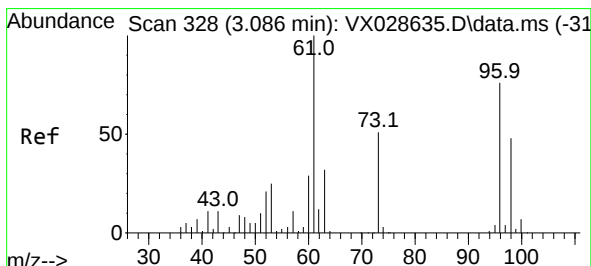
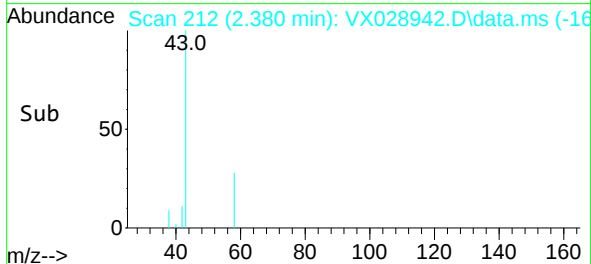
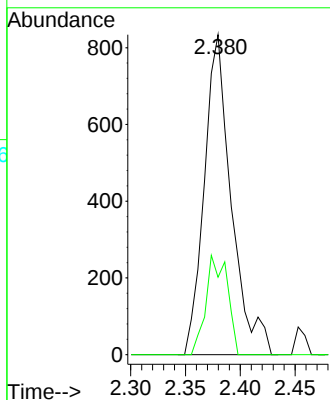
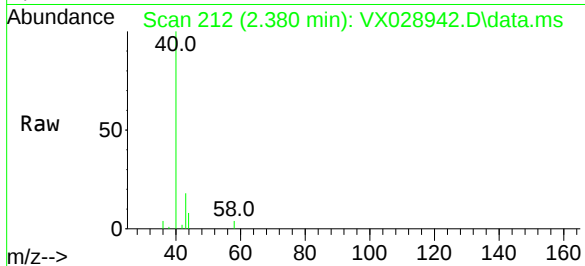




#16
Acetone
Concen: 0.722 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

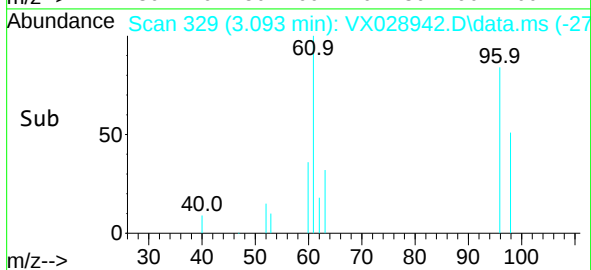
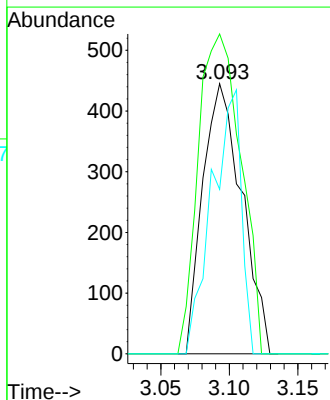
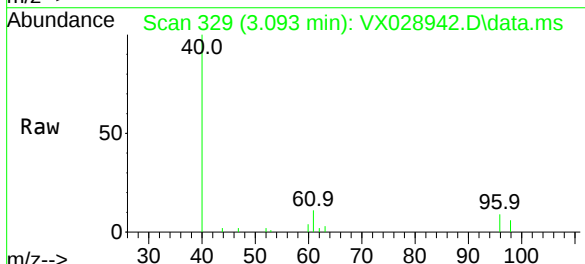
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL2

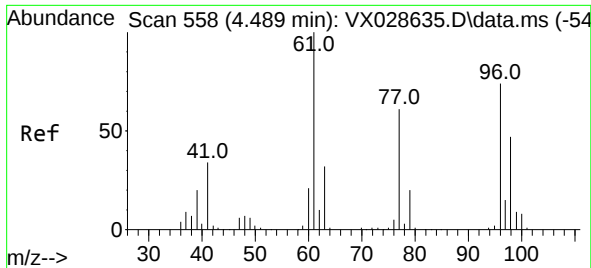
Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
58 24.2 28.8 43.2#



#21
trans-1,2-Dichloroethene
Concen: 0.225 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.007 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

Tgt Ion: 96 Resp: 882
Ion Ratio Lower Upper
96 100
61 118.4 105.4 158.2
98 60.9 50.0 75.0

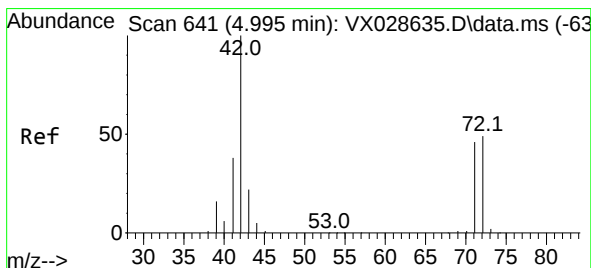
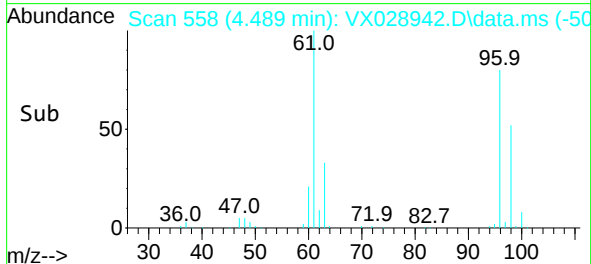
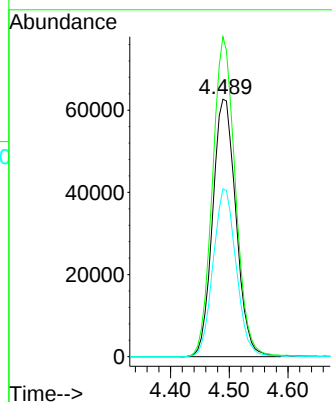
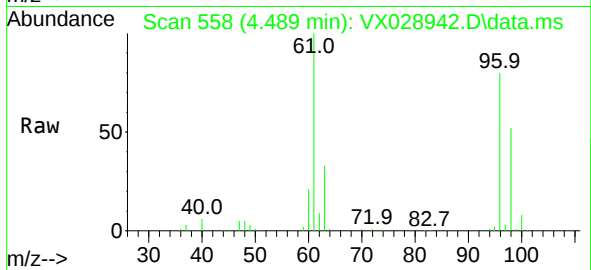




#27
 cis-1,2-Dichloroethene
 Concen: 37.783 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX028942.D
 Acq: 25 May 2022 11:58

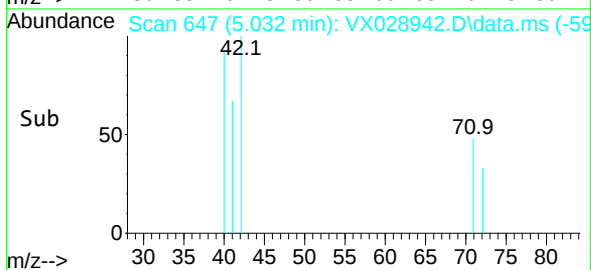
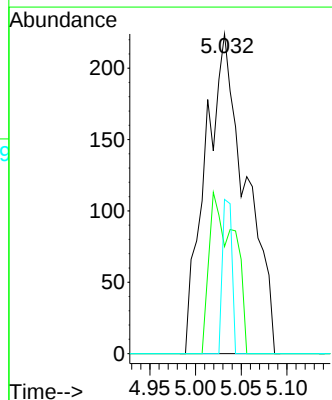
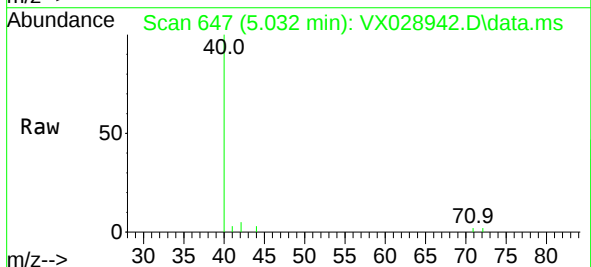
Instrument :
 MSVOA_X
 ClientSampleId :
 36BR-20220519DL2

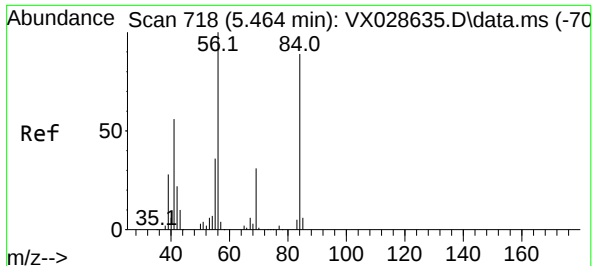
Tgt Ion: 96 Resp: 173054
 Ion Ratio Lower Upper
 96 100
 61 122.0 0.0 283.8
 98 64.6 0.0 129.8



#29
 Tetrahydrofuran
 Concen: 0.342 ug/l
 RT: 5.032 min Scan# 647
 Delta R.T. 0.037 min
 Lab File: VX028942.D
 Acq: 25 May 2022 11:58

Tgt Ion: 42 Resp: 691
 Ion Ratio Lower Upper
 42 100
 72 30.8 44.1 66.1#
 71 11.3 40.5 60.7#

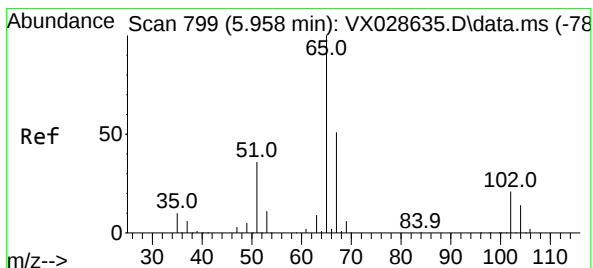
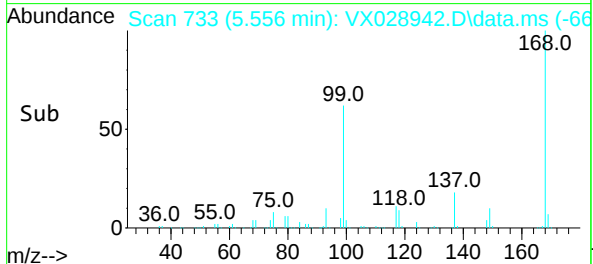
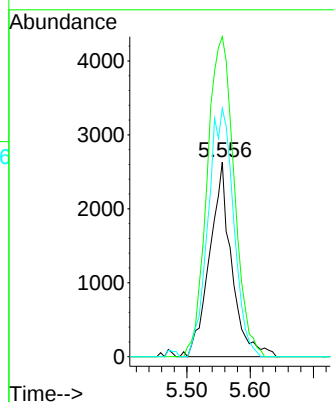
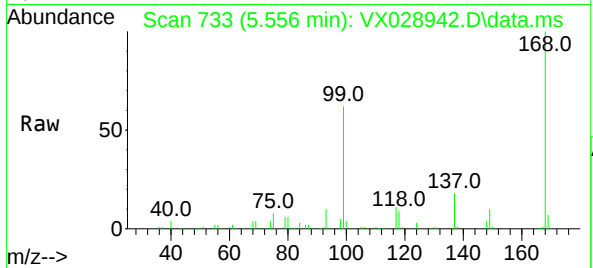




#31
Cyclohexane
Concen: 0.991 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

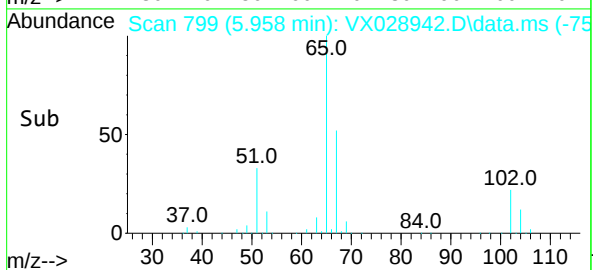
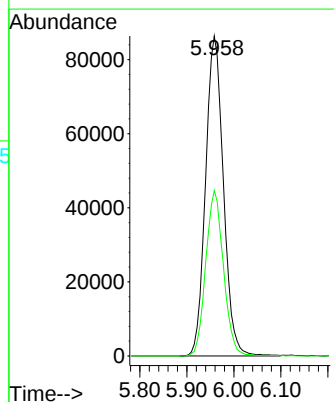
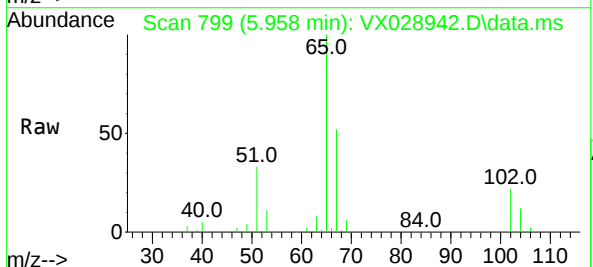
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL2

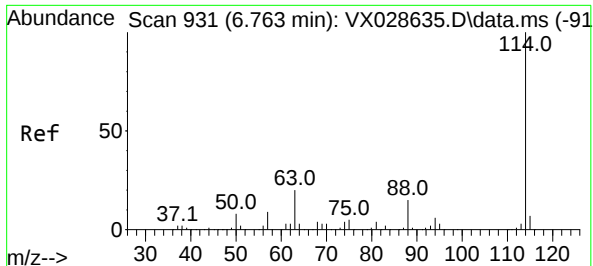
Tgt Ion: 56 Resp: 6342
Ion Ratio Lower Upper
56 100
69 164.4 26.7 40.1#
84 127.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.387 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

Tgt Ion: 65 Resp: 227738
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.4

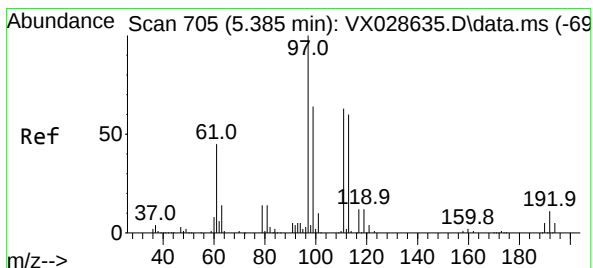
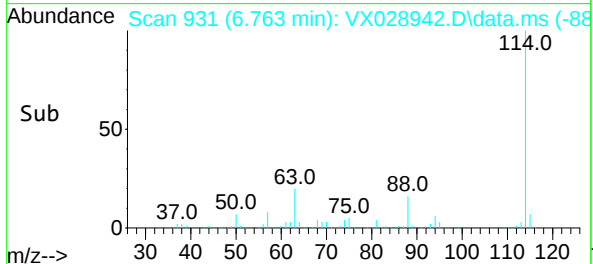
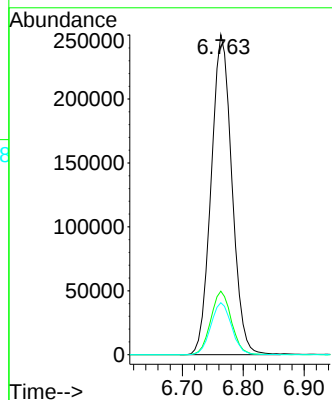
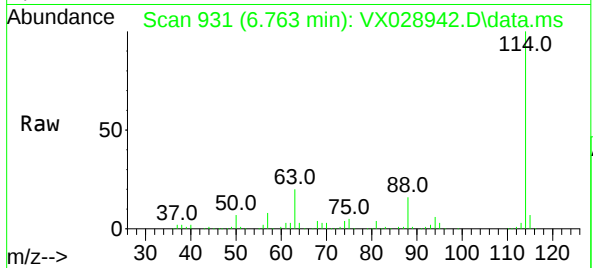




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

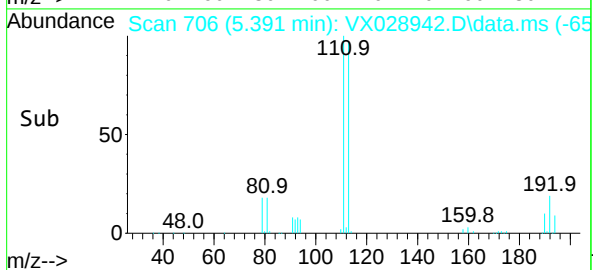
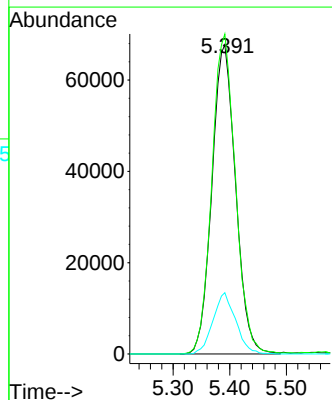
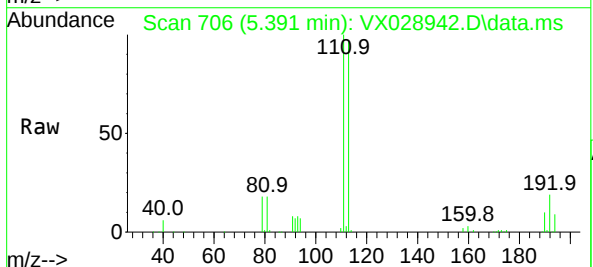
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL2

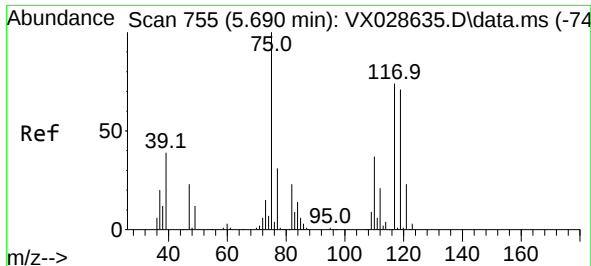
Tgt Ion:114 Resp: 592451
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.594 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

Tgt Ion:113 Resp: 196387
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 19.0 16.9 25.3

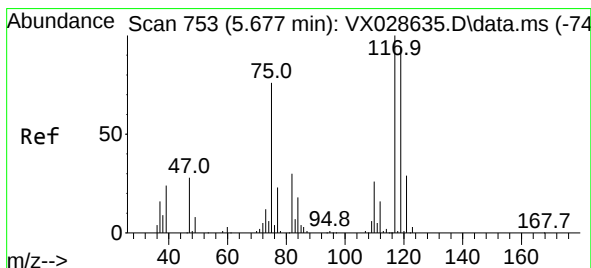
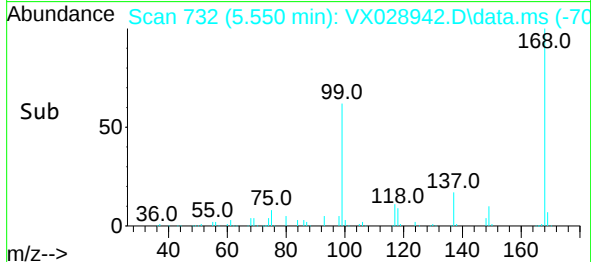
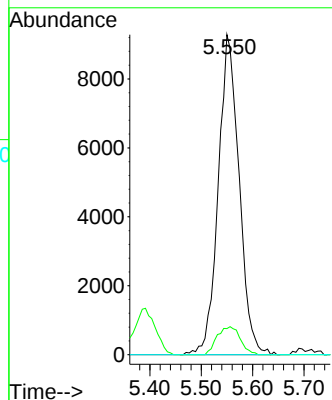
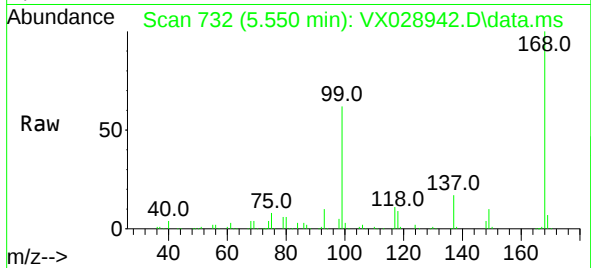




#36
1,1-Dichloropropene
Concen: 4.483 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

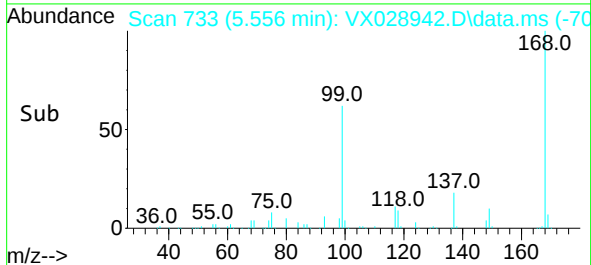
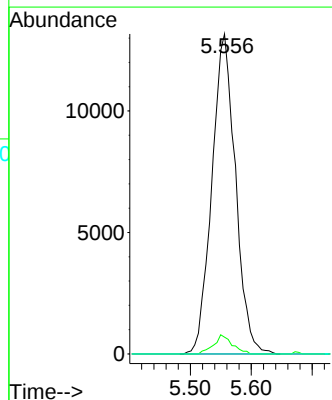
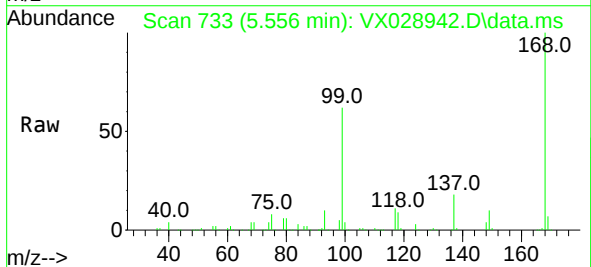
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL2

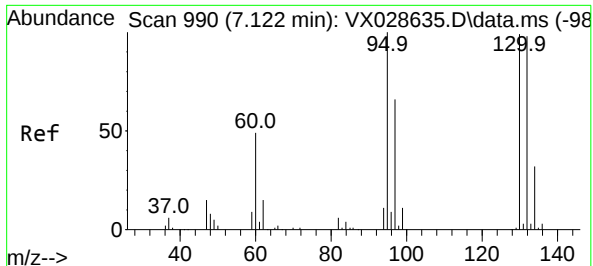
Tgt Ion: 75 Resp: 26135
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.034 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

Tgt Ion: 117 Resp: 35405
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#

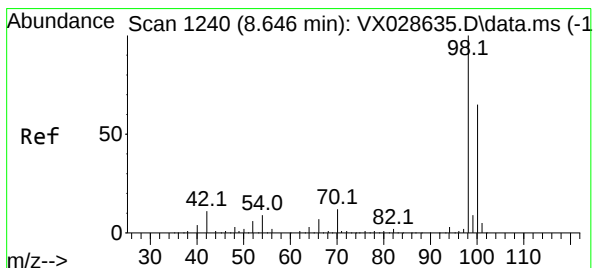
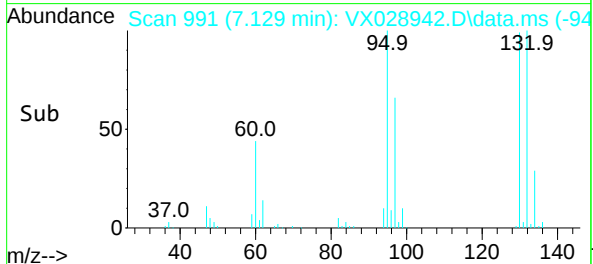
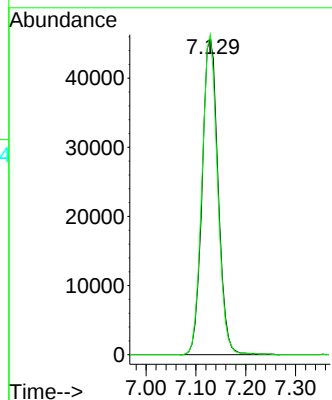
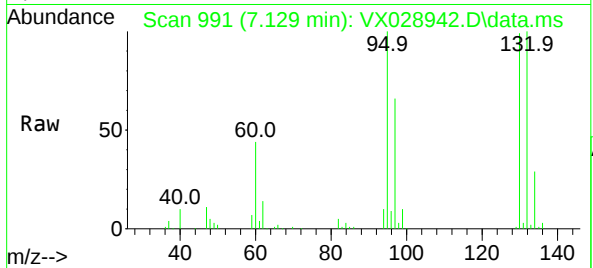




#44
 Trichloroethene
 Concen: 22.383 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.007 min
 Lab File: VX028942.D
 Acq: 25 May 2022 11:58

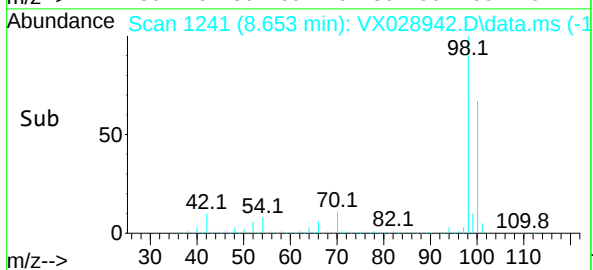
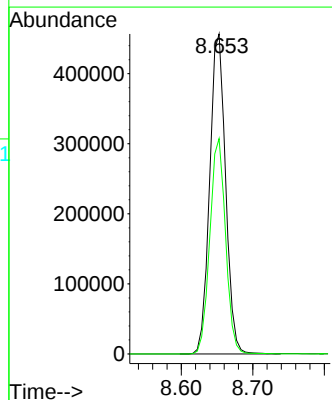
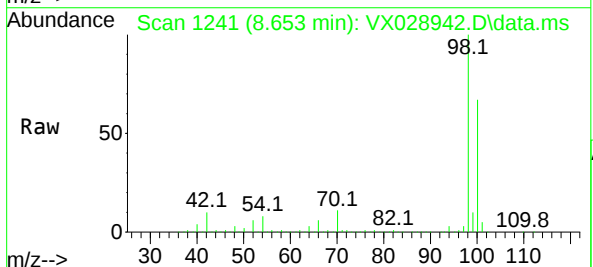
Instrument :
 MSVOA_X
 ClientSampleId :
 36BR-20220519DL2

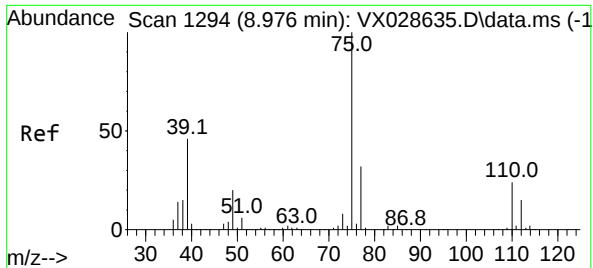
Tgt Ion:130 Resp: 101714
 Ion Ratio Lower Upper
 130 100
 95 101.2 0.0 188.8



#50
 Toluene-d8
 Concen: 48.172 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.007 min
 Lab File: VX028942.D
 Acq: 25 May 2022 11:58

Tgt Ion: 98 Resp: 704980
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.6 78.8





#53

t-1,3-Dichloropropene

Concen: 1.644 ug/l

RT: 8.982 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX028942.D

Acq: 25 May 2022 11:58

Instrument :

MSVOA_X

ClientSampleId :

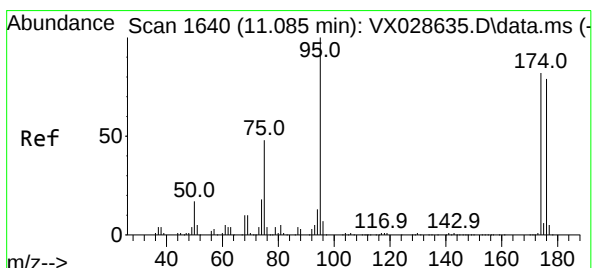
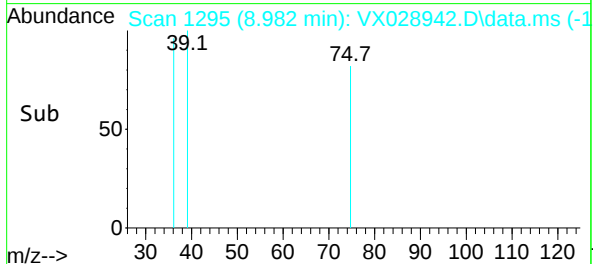
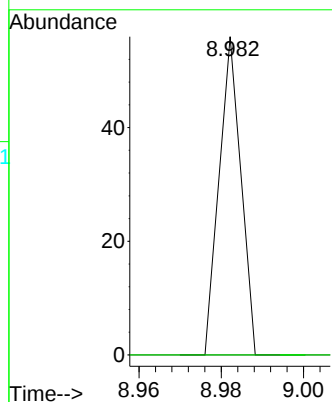
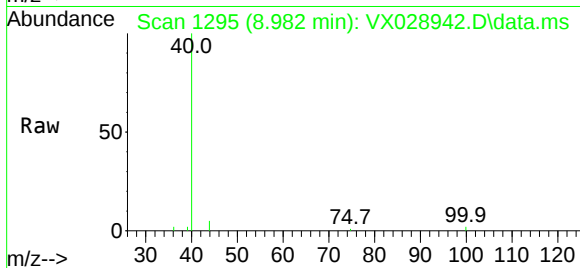
36BR-20220519DL2

Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#62

4-Bromofluorobenzene

Concen: 51.000 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028942.D

Acq: 25 May 2022 11:58

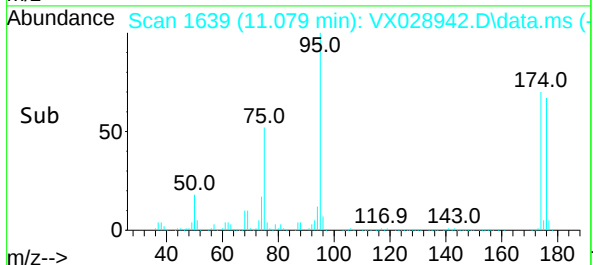
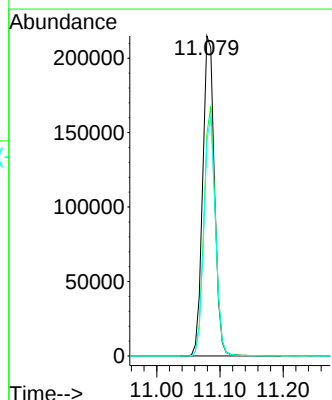
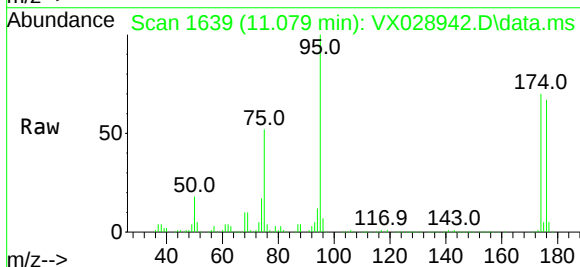
Tgt Ion: 95 Resp: 278769

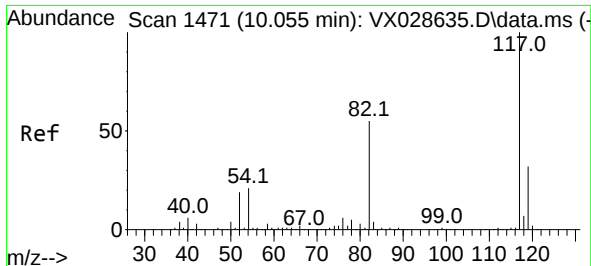
Ion Ratio Lower Upper

95 100

174 76.5 0.0 163.0

176 73.4 0.0 155.0

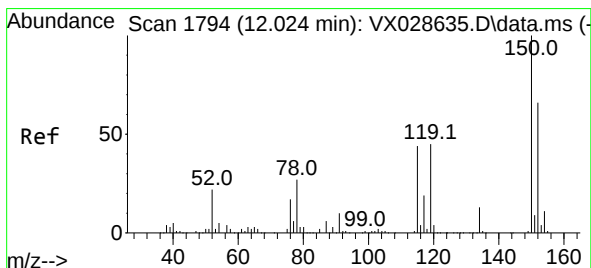
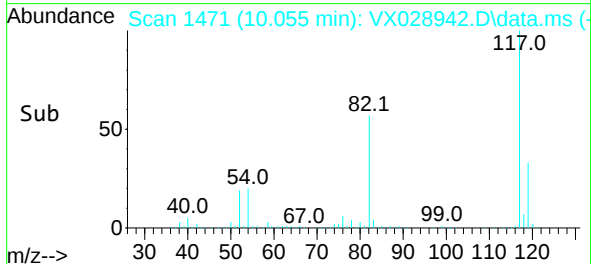
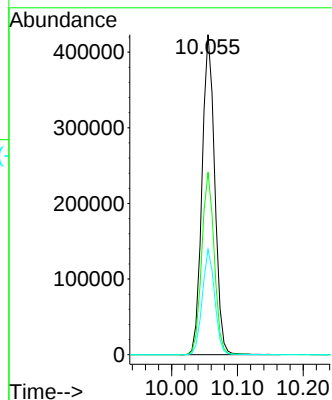
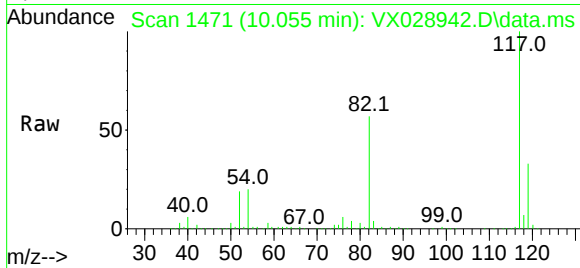




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

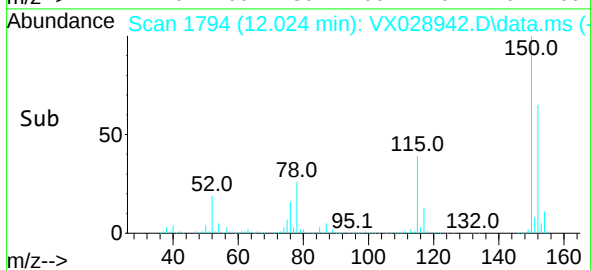
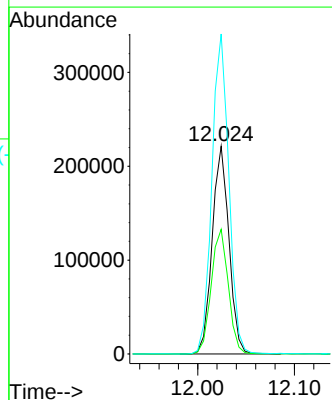
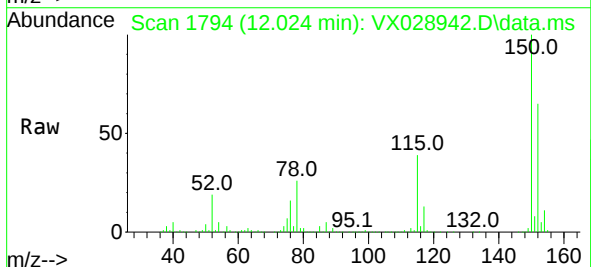
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL2

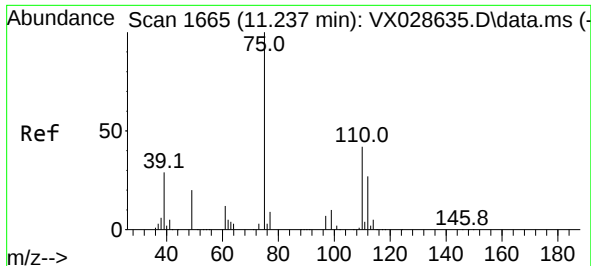
Tgt Ion:117 Resp: 567435
Ion Ratio Lower Upper
117 100
82 57.0 41.8 62.8
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

Tgt Ion:152 Resp: 267110
Ion Ratio Lower Upper
152 100
115 61.2 37.5 112.7
150 155.5 0.0 338.2

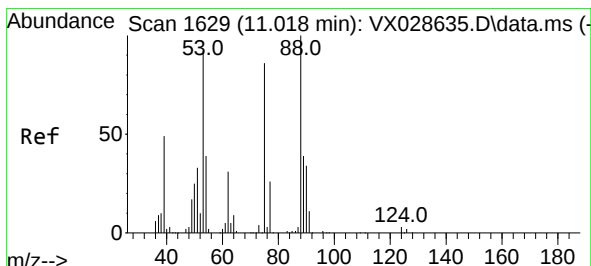
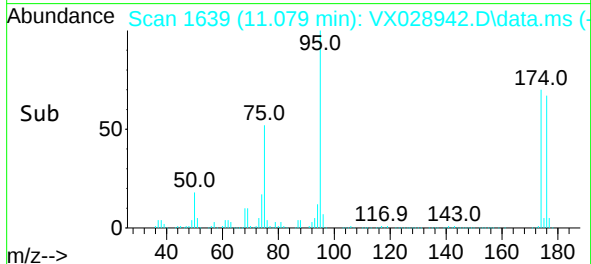
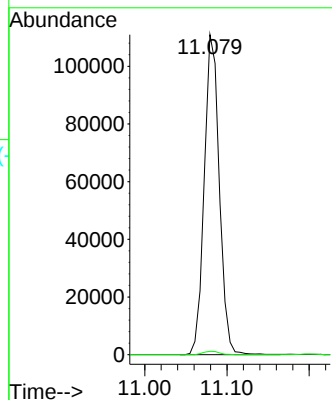
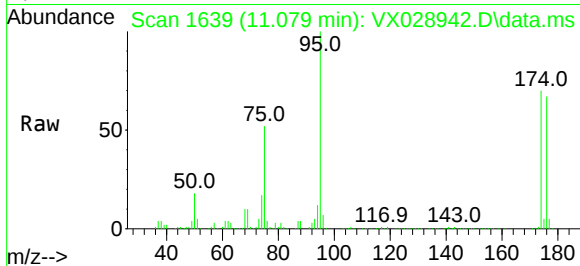




#76
1,2,3-Trichloropropane
Concen: 22.565 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

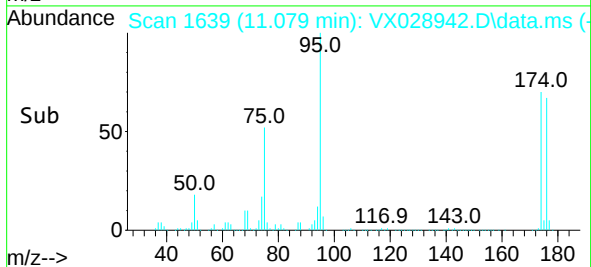
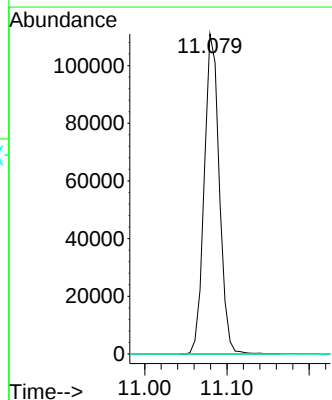
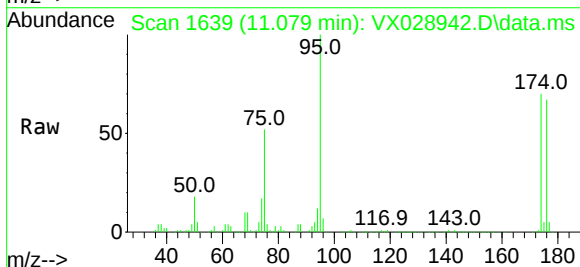
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL2

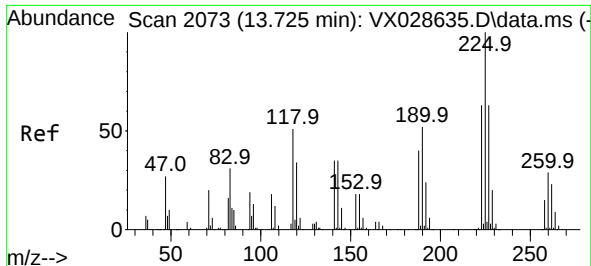
Tgt Ion: 75 Resp: 141153
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.976 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

Tgt Ion: 75 Resp: 141153
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

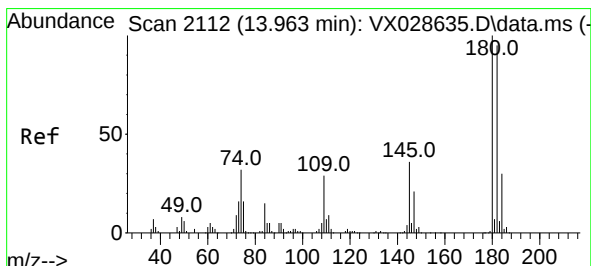
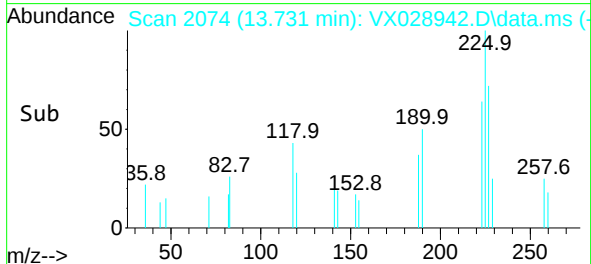
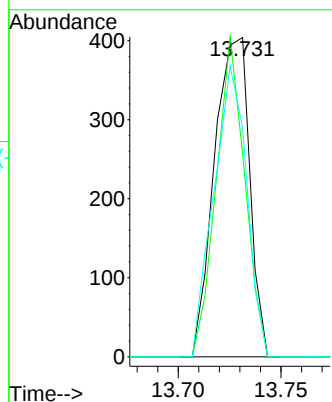
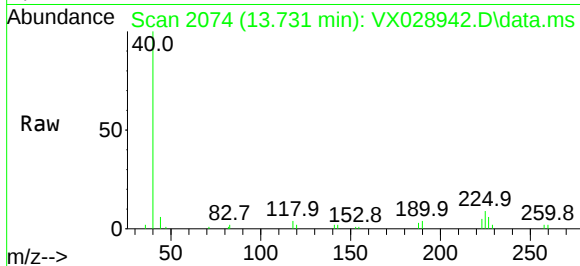




#94
Hexachlorobutadiene
Concen: 0.222 ug/l
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL2

Tgt Ion:225 Resp: 480
Ion Ratio Lower Upper
225 100
223 81.3 34.2 102.5
227 85.0 33.9 101.7



#96
1,2,3-Trichlorobenzene
Concen: 0.233 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028942.D
Acq: 25 May 2022 11:58

Tgt Ion:180 Resp: 1248
Ion Ratio Lower Upper
180 100
182 87.3 50.0 149.8
145 40.6 16.2 48.5

