

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029068.D
 Acq On : 31 May 2022 11:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 01 04:56:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

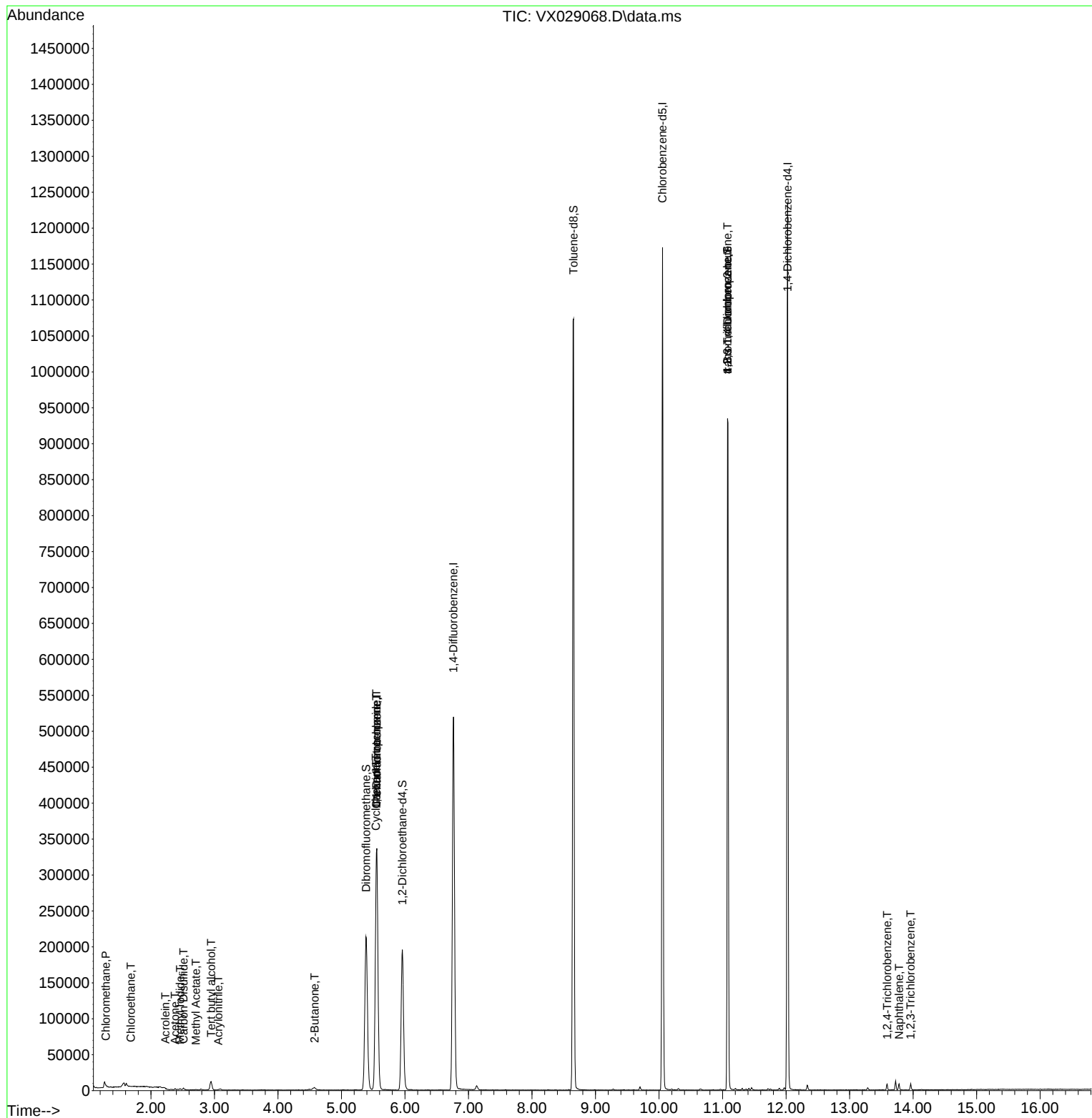
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	342691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	575067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	557900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188159	48.691	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.380%
35) Dibromofluoromethane	5.385	113	192143	50.303	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.600%
50) Toluene-d8	8.653	98	675596	48.359	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.079	95	260774	48.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	875	0.281	ug/l #	86
5) Bromomethane	1.611	94	2243	Below Cal		92
6) Chloroethane	1.685	64	515	1.571	ug/l	97
10) Methyl Iodide	2.459	142	1850	4.664	ug/l	97
11) Tert butyl alcohol	2.947	59	6534	7.299	ug/l #	72
13) Acrolein	2.227	56	213	0.525	ug/l	90
15) Acrylonitrile	3.062	53	721	0.391	ug/l #	88
16) Acetone	2.380	43	1541	1.013	ug/l #	86
17) Carbon Disulfide	2.514	76	3030	0.358	ug/l	99
18) Methyl Acetate	2.709	43	929	0.236	ug/l #	61
25) 2-Butanone	4.574	43	535	0.218	ug/l #	44
31) Cyclohexane	5.544	56	5293	1.054	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22766	4.632	ug/l #	50
38) Carbon Tetrachloride	5.550	117	33060	5.886	ug/l #	16
44) Trichloroethene	7.129	130	2260	Below Cal		85
76) 1,2,3-Trichloropropane	11.079	75	122035	22.358	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	122035	65.594	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	2285	0.409	ug/l	98
95) Naphthalene	13.780	128	5782	0.324	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2382	0.432	ug/l	93

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

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Quant Title : SW846 8260
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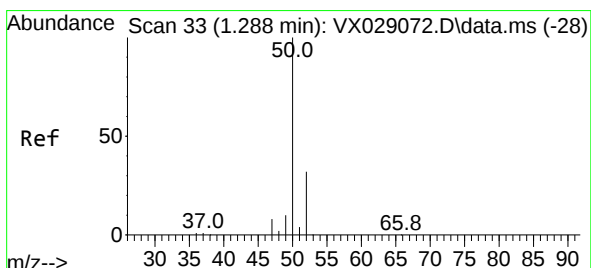
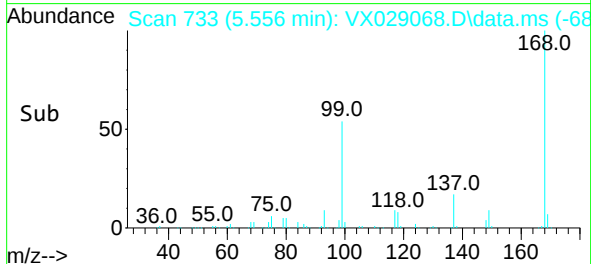
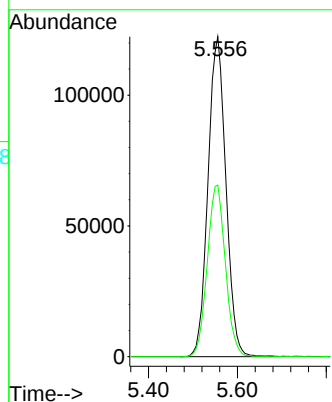
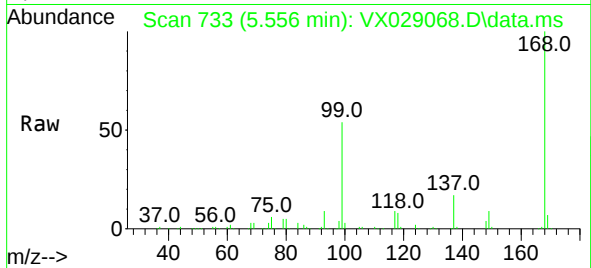




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

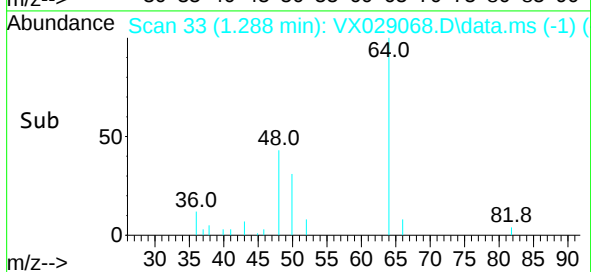
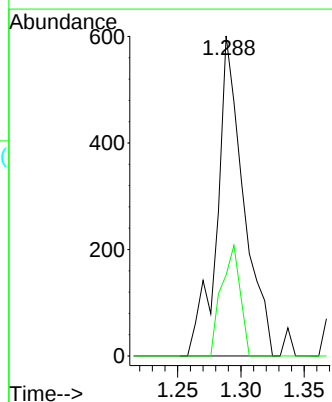
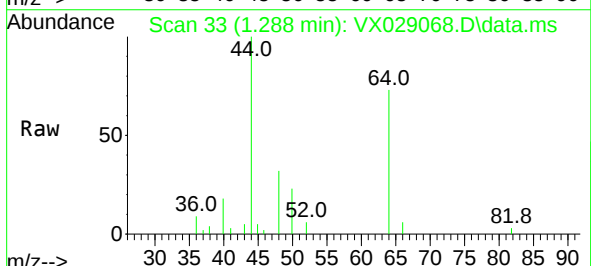
Instrument :
MSVOA_X
ClientSampleId :
IBLK

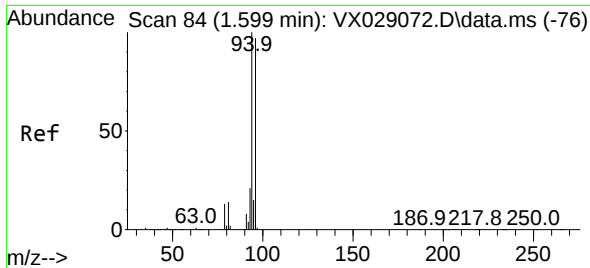
Tgt Ion:168 Resp: 342691
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#3
Chloromethane
Concen: 0.281 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

Tgt Ion: 50 Resp: 875
Ion Ratio Lower Upper
50 100
52 25.3 26.4 39.6#

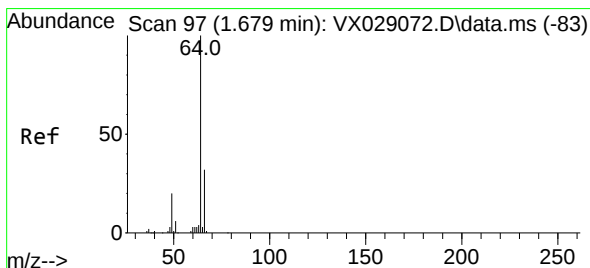
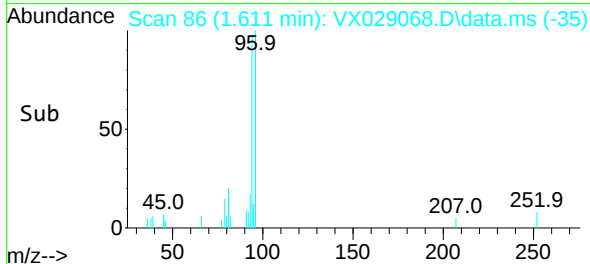
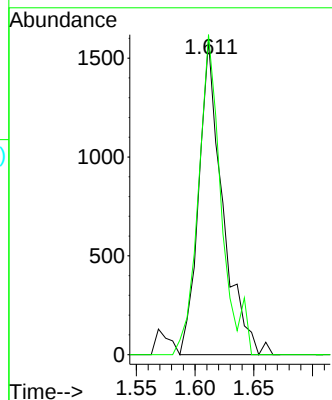
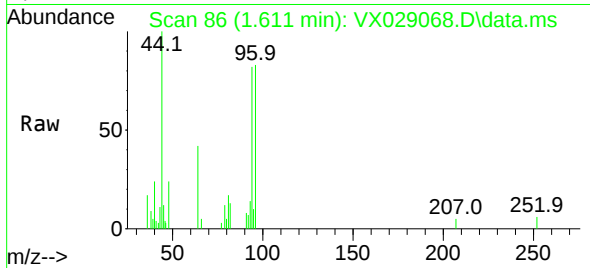




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

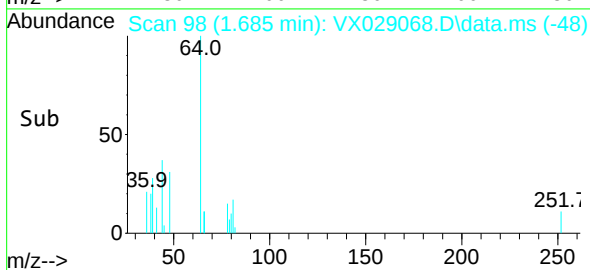
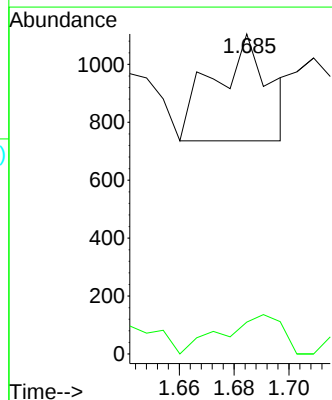
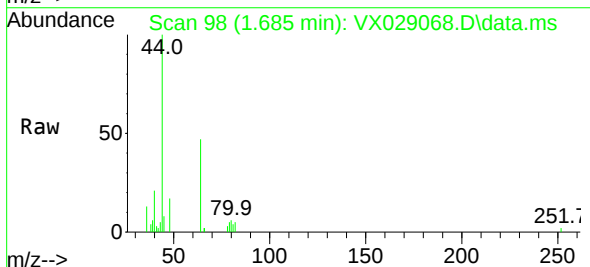
Instrument :
MSVOA_X
ClientSampleId :
IBLK

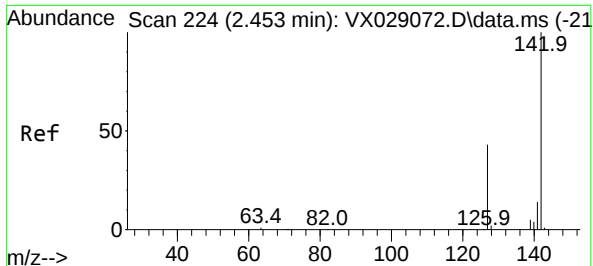
Tgt Ion: 94 Resp: 2243
Ion Ratio Lower Upper
94 100
96 101.9 75.3 112.9



#6
Chloroethane
Concen: 1.571 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

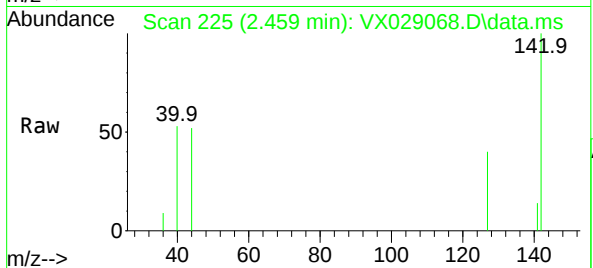
Tgt Ion: 64 Resp: 515
Ion Ratio Lower Upper
64 100
66 29.8 25.3 37.9



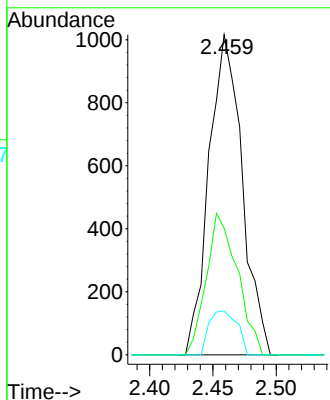
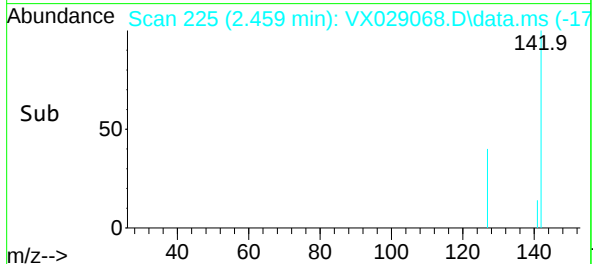


#10
Methyl Iodide
Concen: 4.664 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

Instrument :
MSVOA_X
ClientSampleId :
IBLK

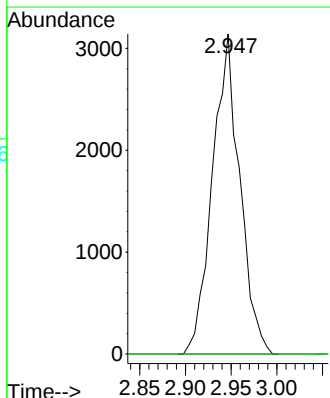
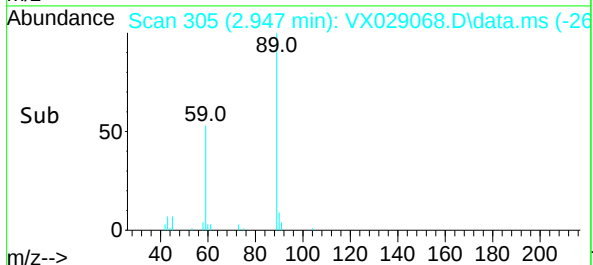
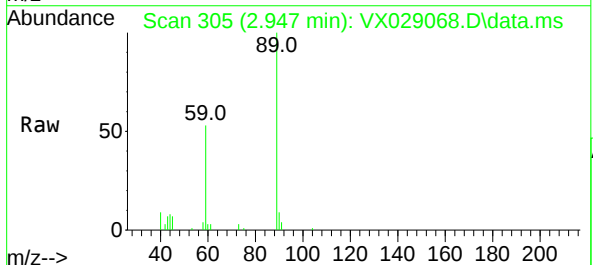


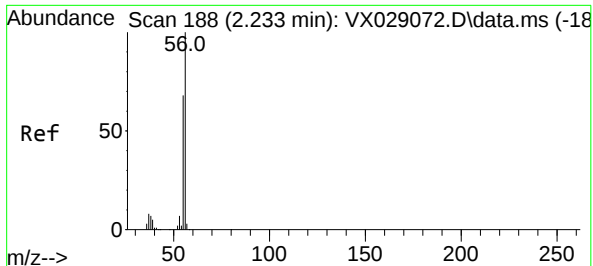
Tgt Ion:142 Resp: 1850
Ion Ratio Lower Upper
142 100
127 41.5 33.9 50.9
141 11.6 11.4 17.2



#11
Tert butyl alcohol
Concen: 7.299 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

Tgt Ion: 59 Resp: 6534
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.525 ug/l

RT: 2.227 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX029068.D

Acq: 31 May 2022 11:44

Instrument :

MSVOA_X

ClientSampleId :

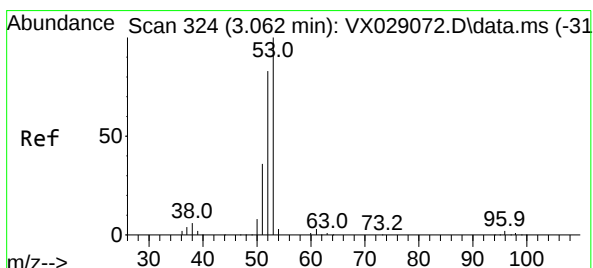
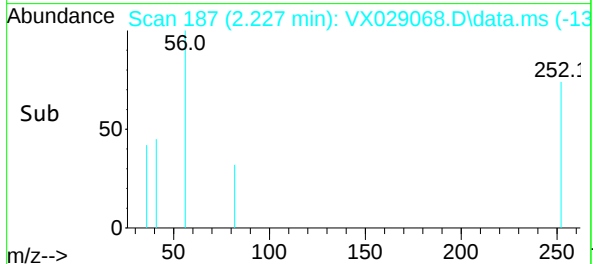
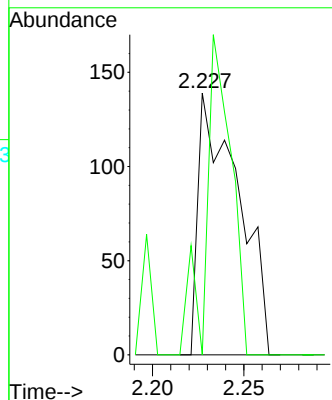
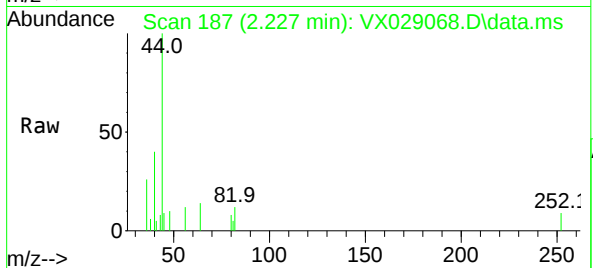
IBLK

Tgt Ion: 56 Resp: 213

Ion Ratio Lower Upper

56 100

55 77.0 55.0 82.6



#15

Acrylonitrile

Concen: 0.391 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX029068.D

Acq: 31 May 2022 11:44

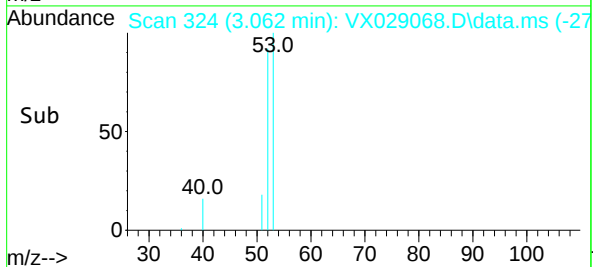
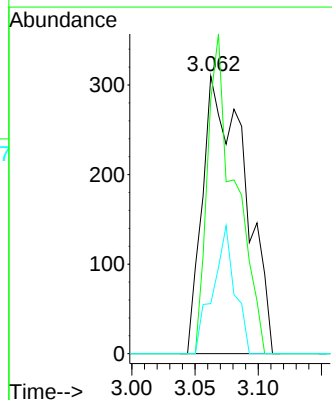
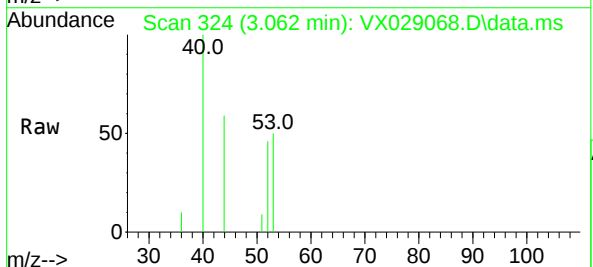
Tgt Ion: 53 Resp: 721

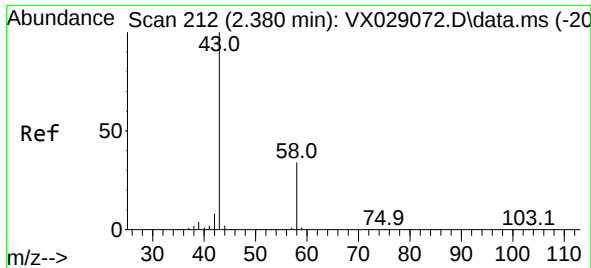
Ion Ratio Lower Upper

53 100

52 74.9 65.7 98.5

51 24.0 28.4 42.6#

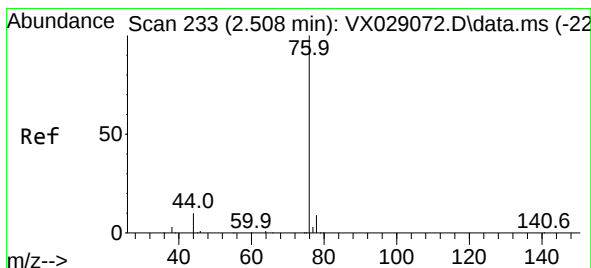
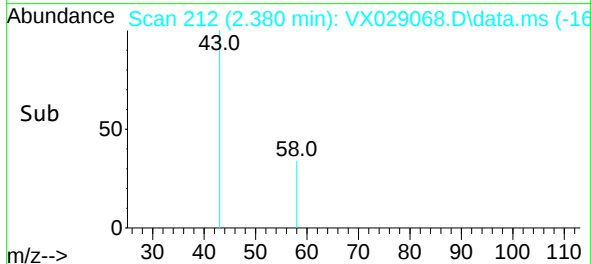
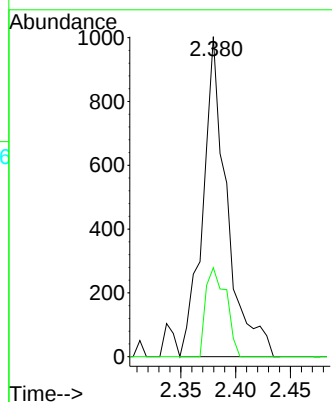
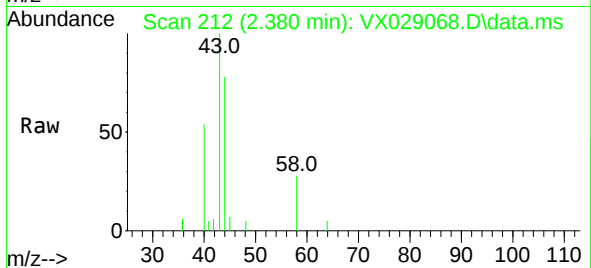




#16
Acetone
Concen: 1.013 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

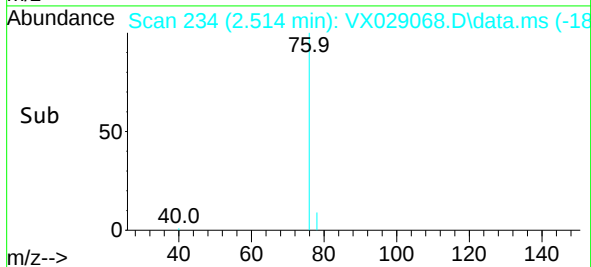
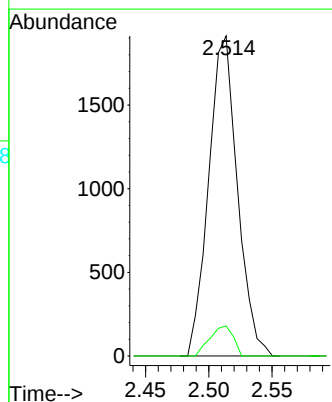
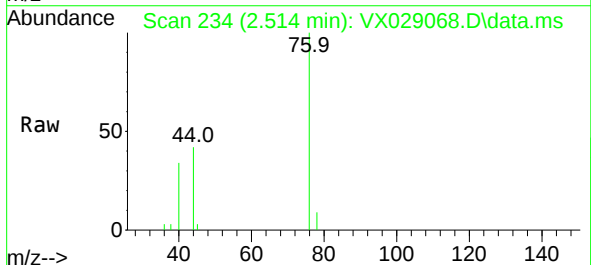
Instrument : MSVOA_X
ClientSampleId : IBLK

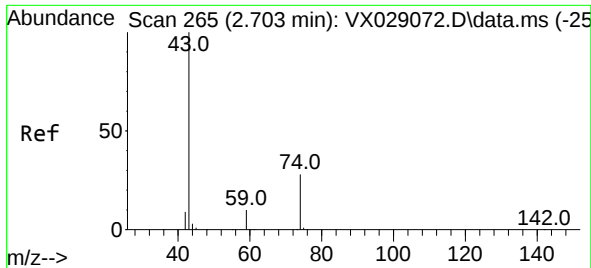
Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 27.8 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.358 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

Tgt Ion: 76 Resp: 3030
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

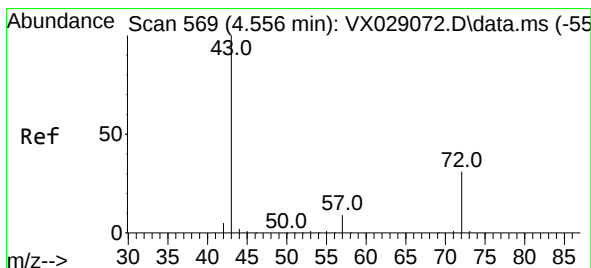
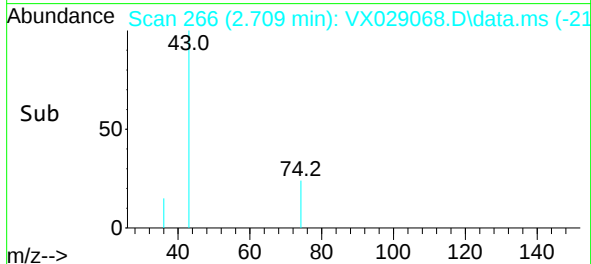
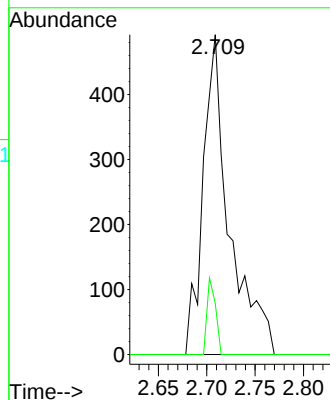
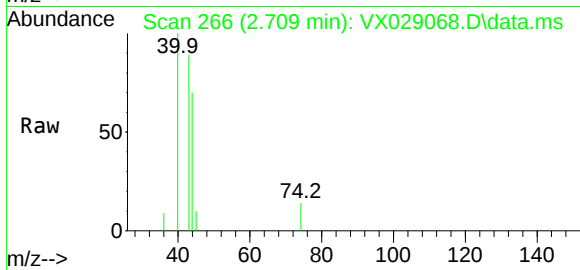




#18
Methyl Acetate
Concen: 0.236 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

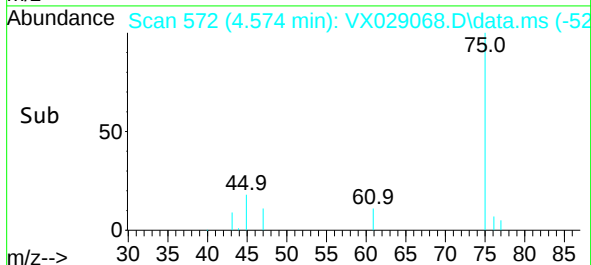
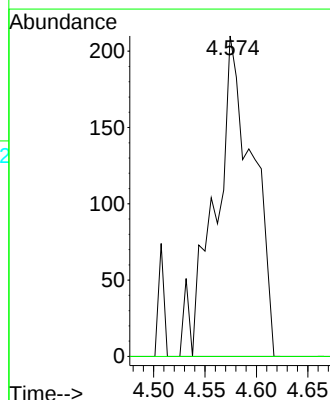
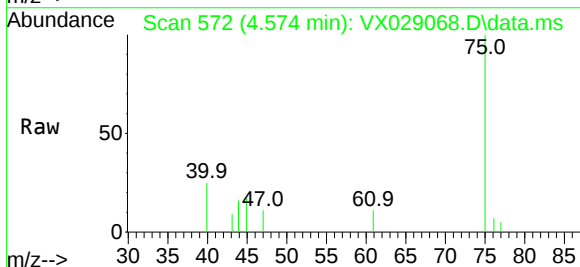
Instrument :
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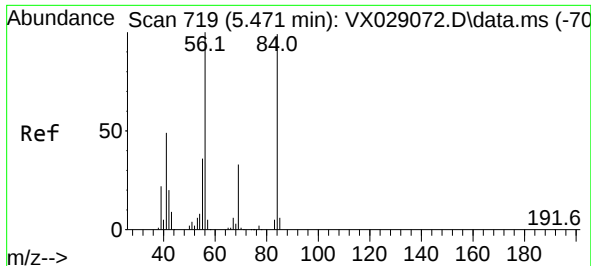
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
74 7.8 22.8 34.2#



#25
2-Butanone
Concen: 0.218 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

Tgt Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#

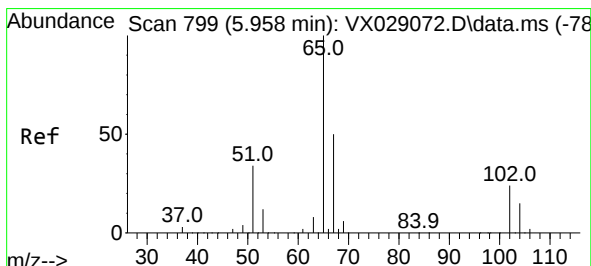
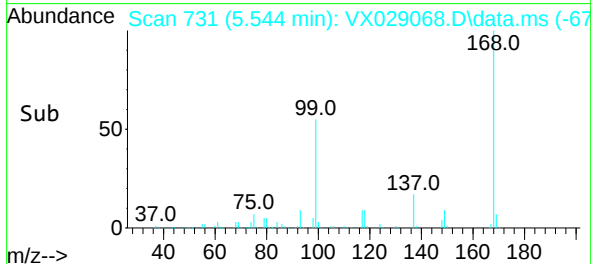
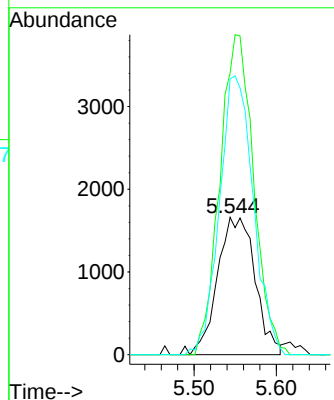
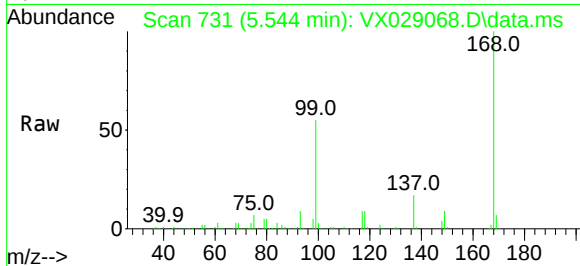




#31
Cyclohexane
Concen: 1.054 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

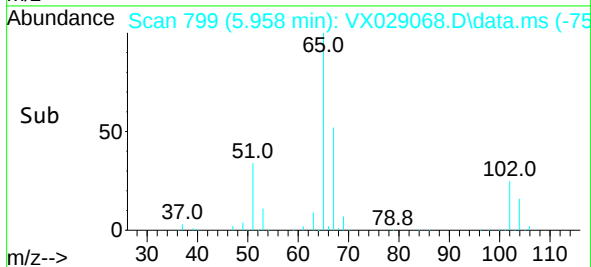
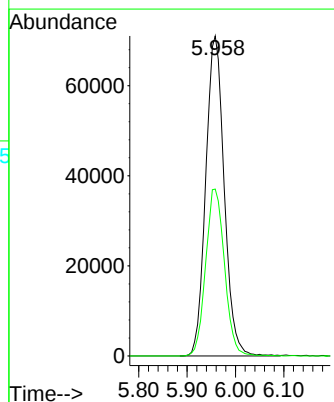
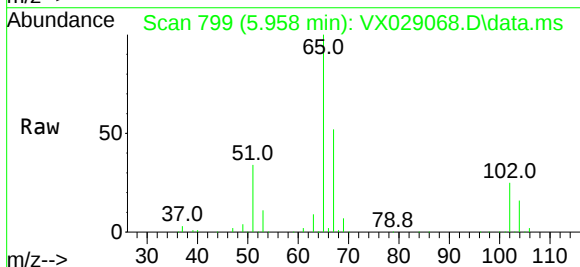
Instrument :
MSVOA_X
ClientSampleId :
IBLK

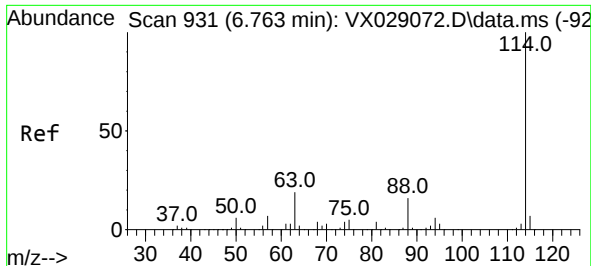
Tgt Ion: 56 Resp: 5293
Ion Ratio Lower Upper
56 100
69 205.3 26.7 40.1#
84 200.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.691 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

Tgt Ion: 65 Resp: 188159
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.4

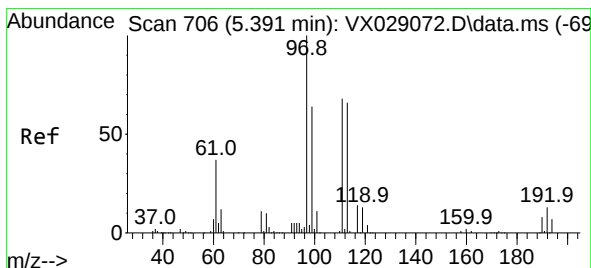
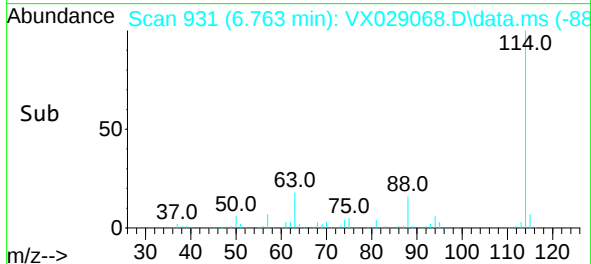
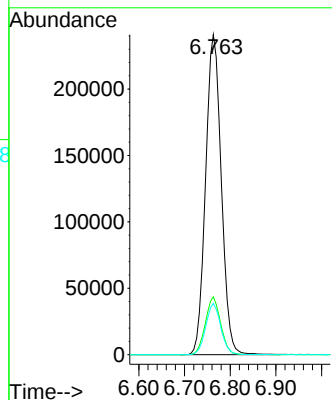
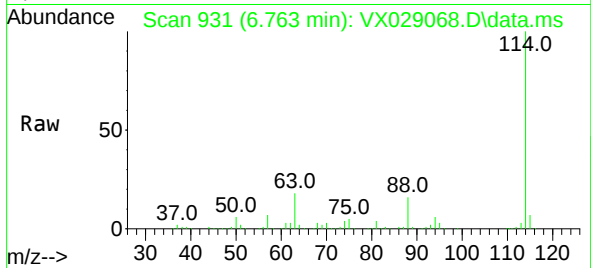




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

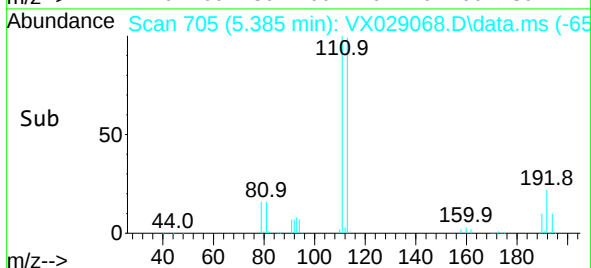
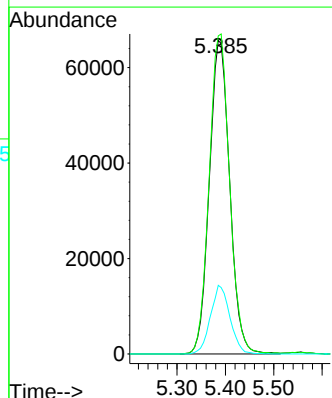
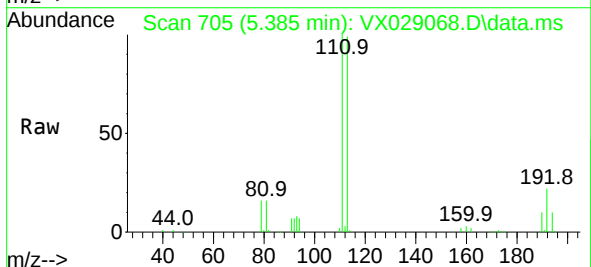
Instrument :
MSVOA_X
ClientSampleId :
IBLK

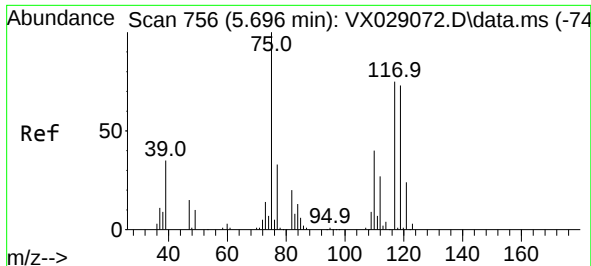
Tgt Ion:114 Resp: 575067
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

Tgt Ion:113 Resp: 192143
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 20.9 16.9 25.3

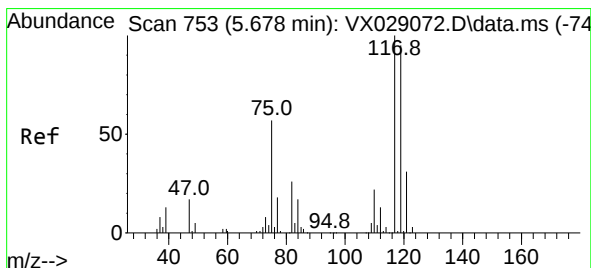
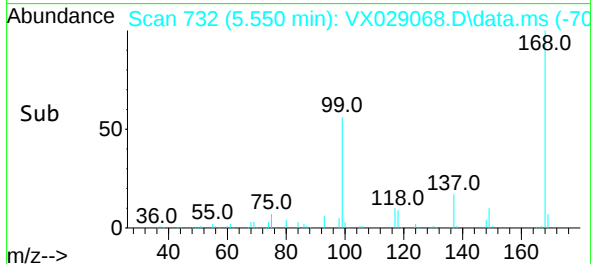
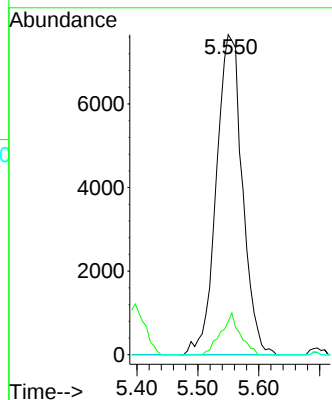
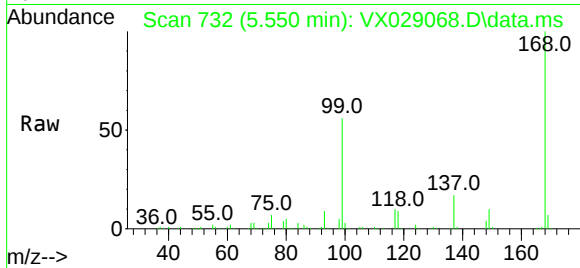




#36
1,1-Dichloropropene
Concen: 4.632 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

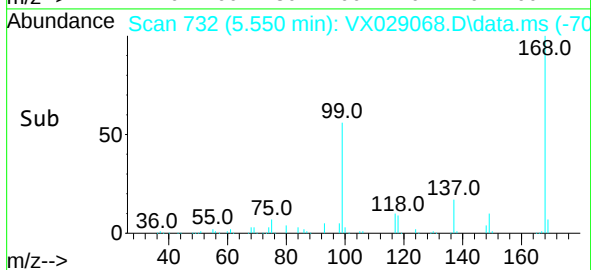
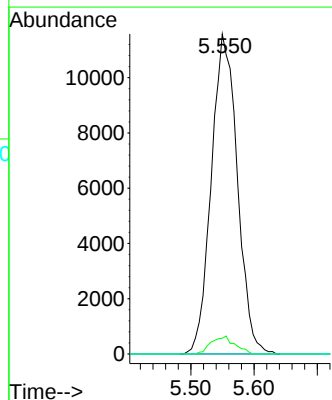
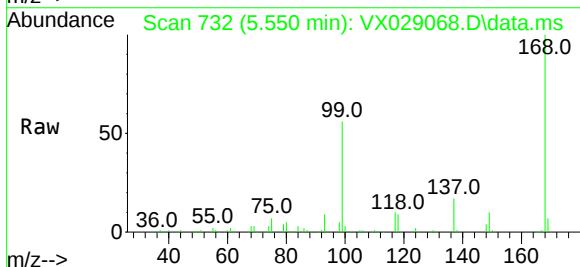
Instrument :
MSVOA_X
ClientSampleId :
IBLK

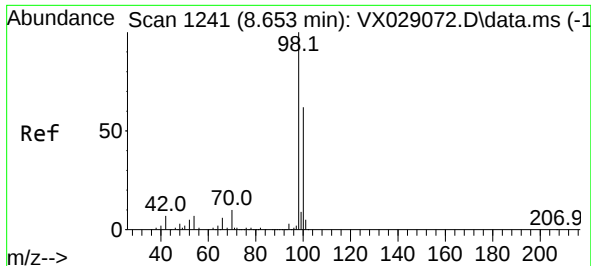
Tgt Ion: 75 Resp: 22766
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.886 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

Tgt Ion: 117 Resp: 33060
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#

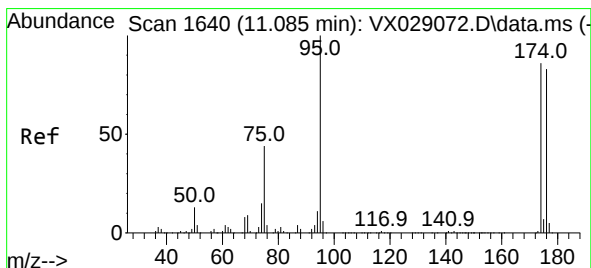
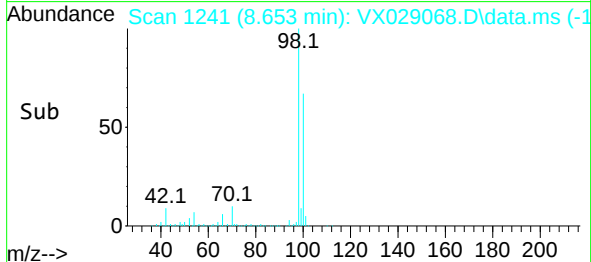
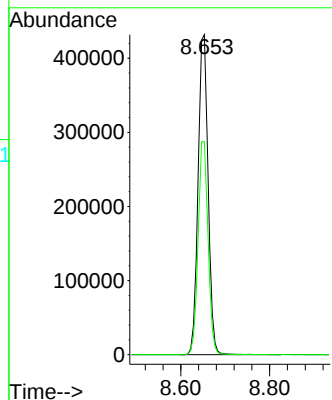
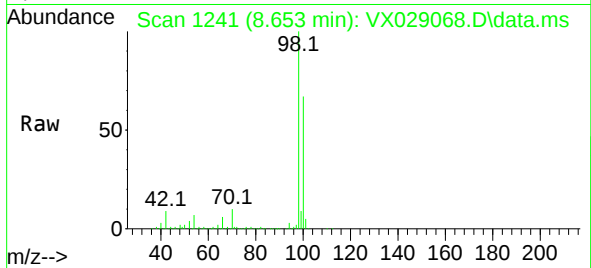




#50
Toluene-d8
Concen: 48.359 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

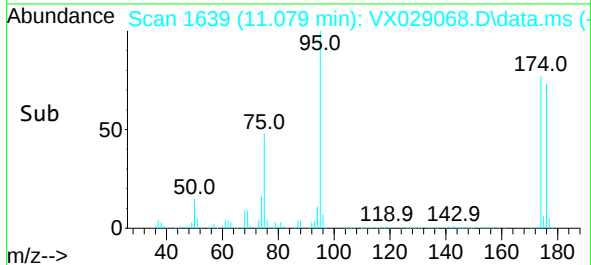
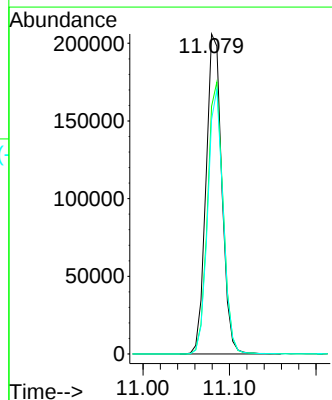
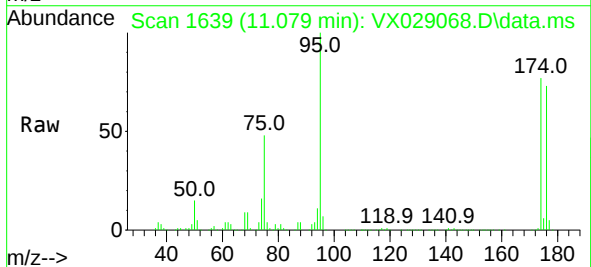
Instrument :
MSVOA_X
ClientSampleId :
IBLK

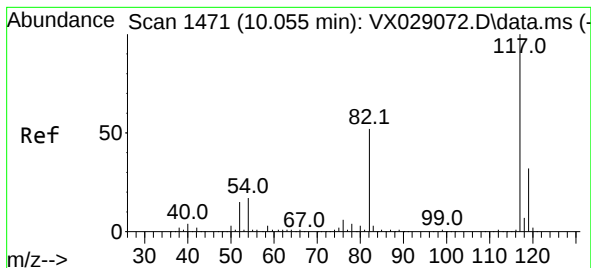
Tgt Ion: 98 Resp: 675596
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.289 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

Tgt Ion: 95 Resp: 260774
Ion Ratio Lower Upper
95 100
174 83.9 0.0 163.0
176 80.8 0.0 155.0

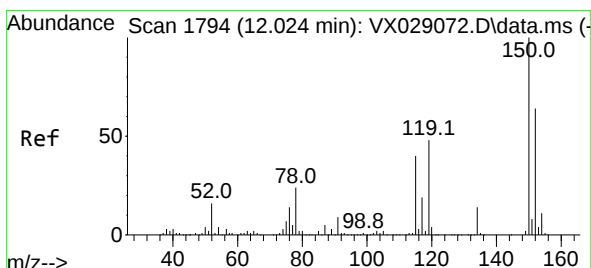
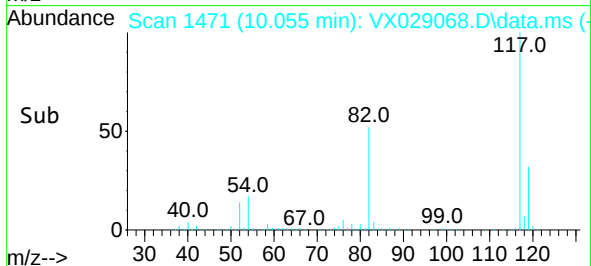
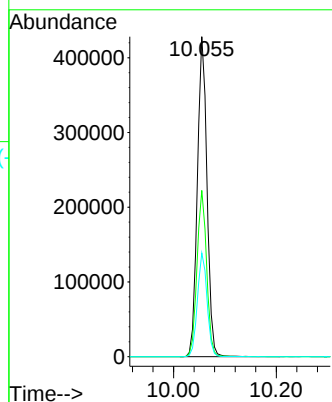
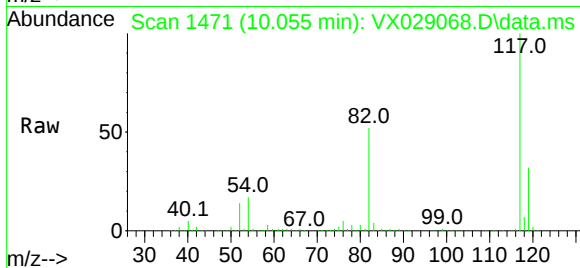




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

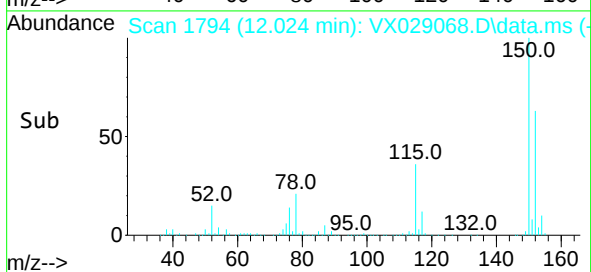
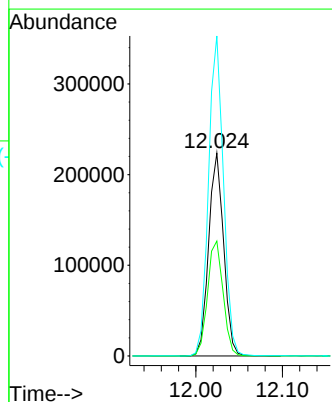
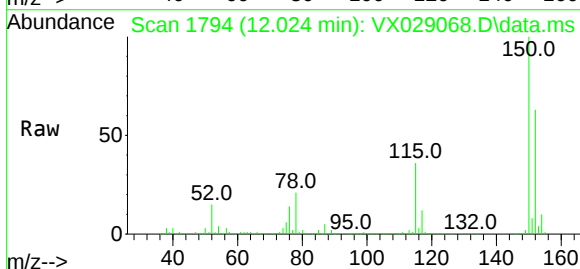
Instrument :
MSVOA_X
ClientSampleId :
IBLK

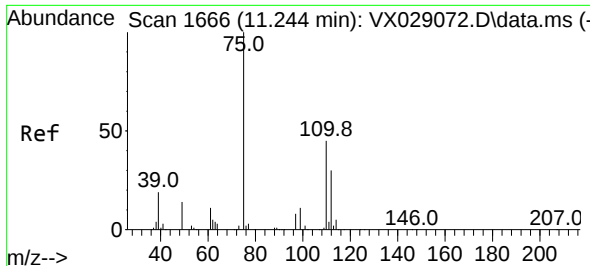
Tgt Ion:117 Resp: 557900
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

Tgt Ion:152 Resp: 269255
Ion Ratio Lower Upper
152 100
115 58.6 37.5 112.7
150 156.8 0.0 338.2

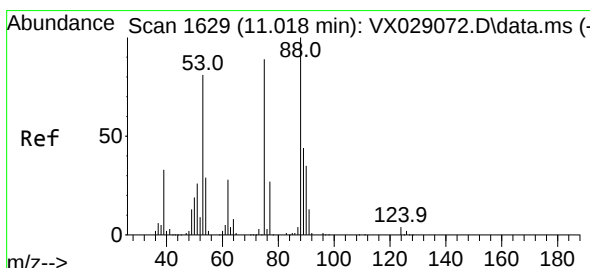
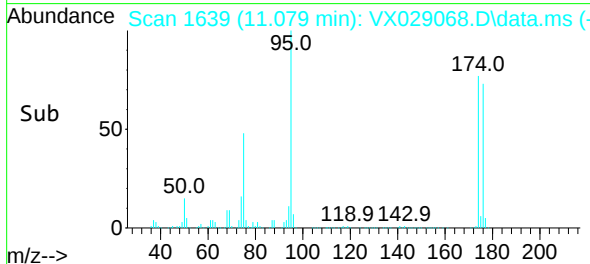
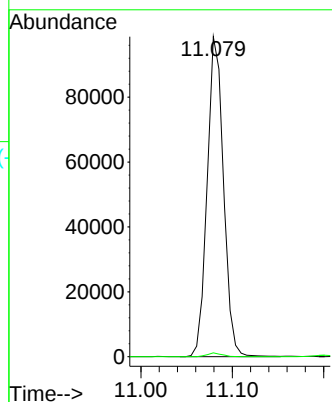
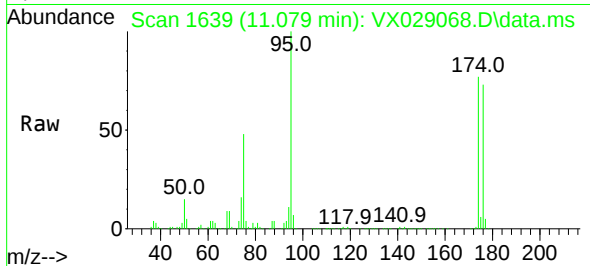




#76
1,2,3-Trichloropropane
Concen: 22.358 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

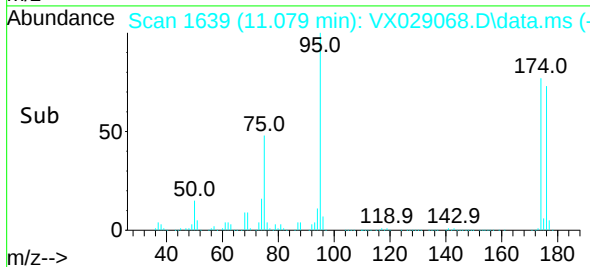
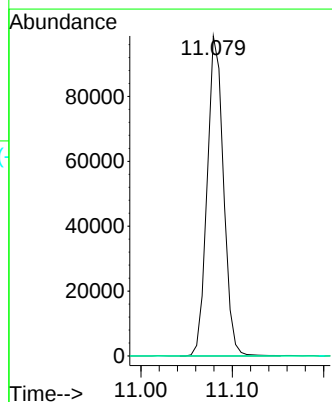
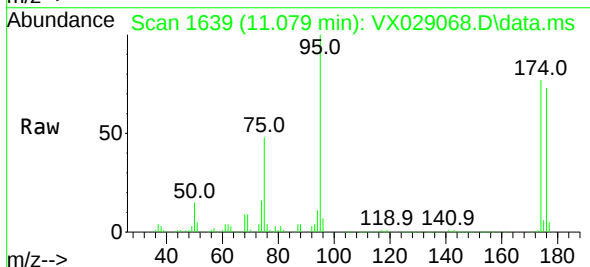
Instrument :
MSVOA_X
ClientSampleId :
IBLK

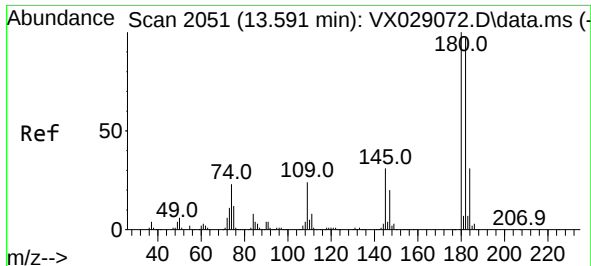
Tgt Ion: 75 Resp: 122035
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.594 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

Tgt Ion: 75 Resp: 122035
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

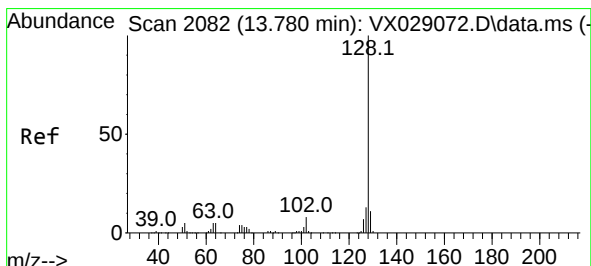
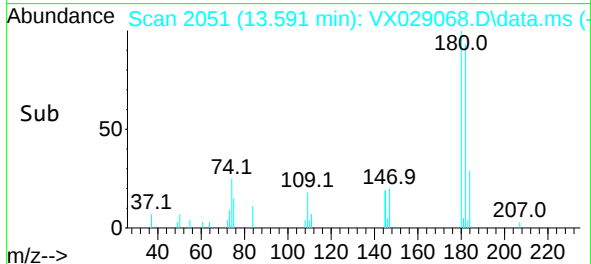
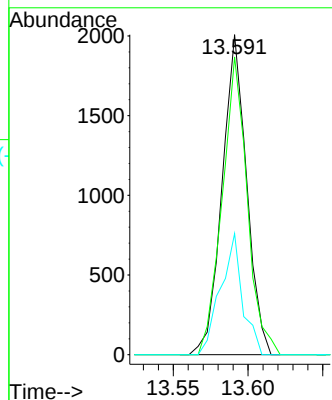
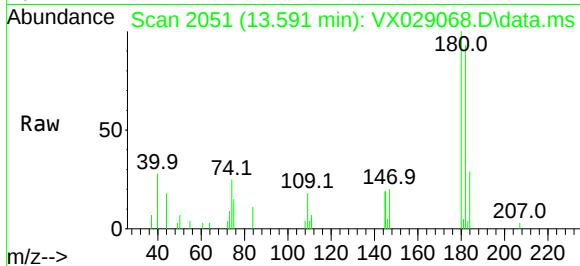




#93
1,2,4-Trichlorobenzene
Concen: 0.409 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

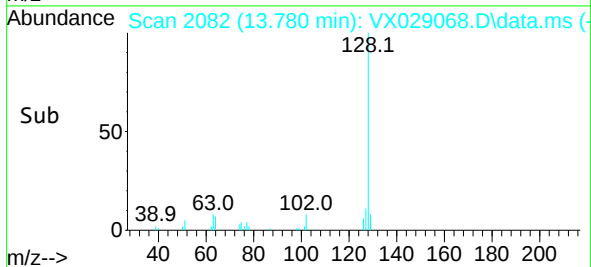
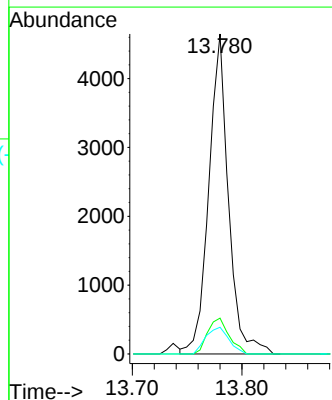
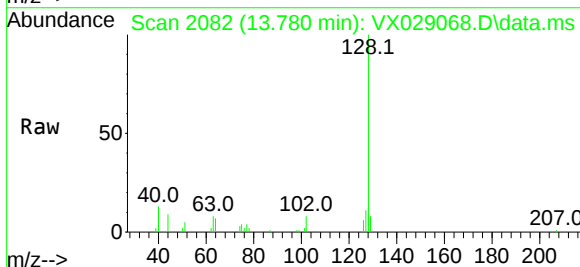
Instrument :
MSVOA_X
ClientSampleId :
IBLK

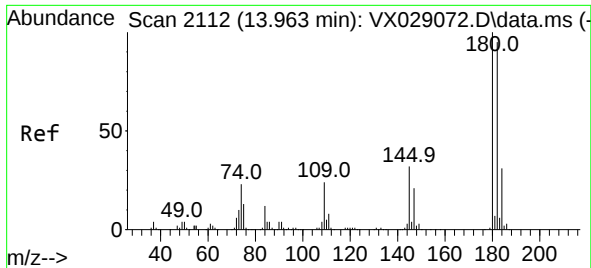
Tgt Ion:180 Resp: 2285
Ion Ratio Lower Upper
180 100
182 95.1 47.7 143.1
145 34.0 15.2 45.5



#95
Naphthalene
Concen: 0.324 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX029068.D
Acq: 31 May 2022 11:44

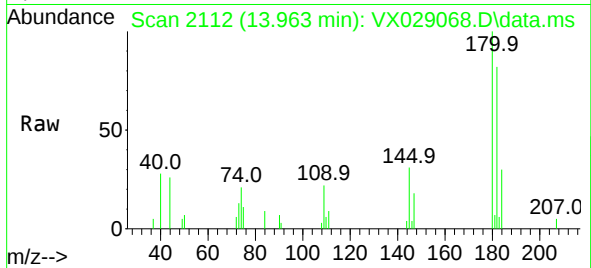
Tgt Ion:128 Resp: 5782
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.4
129 9.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.432 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029068.D
 Acq: 31 May 2022 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	2382
Ion	Ratio	Lower	Upper
180	100		
182	90.7	50.0	149.8
145	32.3	16.2	48.5

