

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029248.D
 Acq On : 06 Jun 2022 19:04
 Operator : JC/MD
 Sample : PB145329TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB145329TB

Quant Time: Jun 07 06:06:22 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)

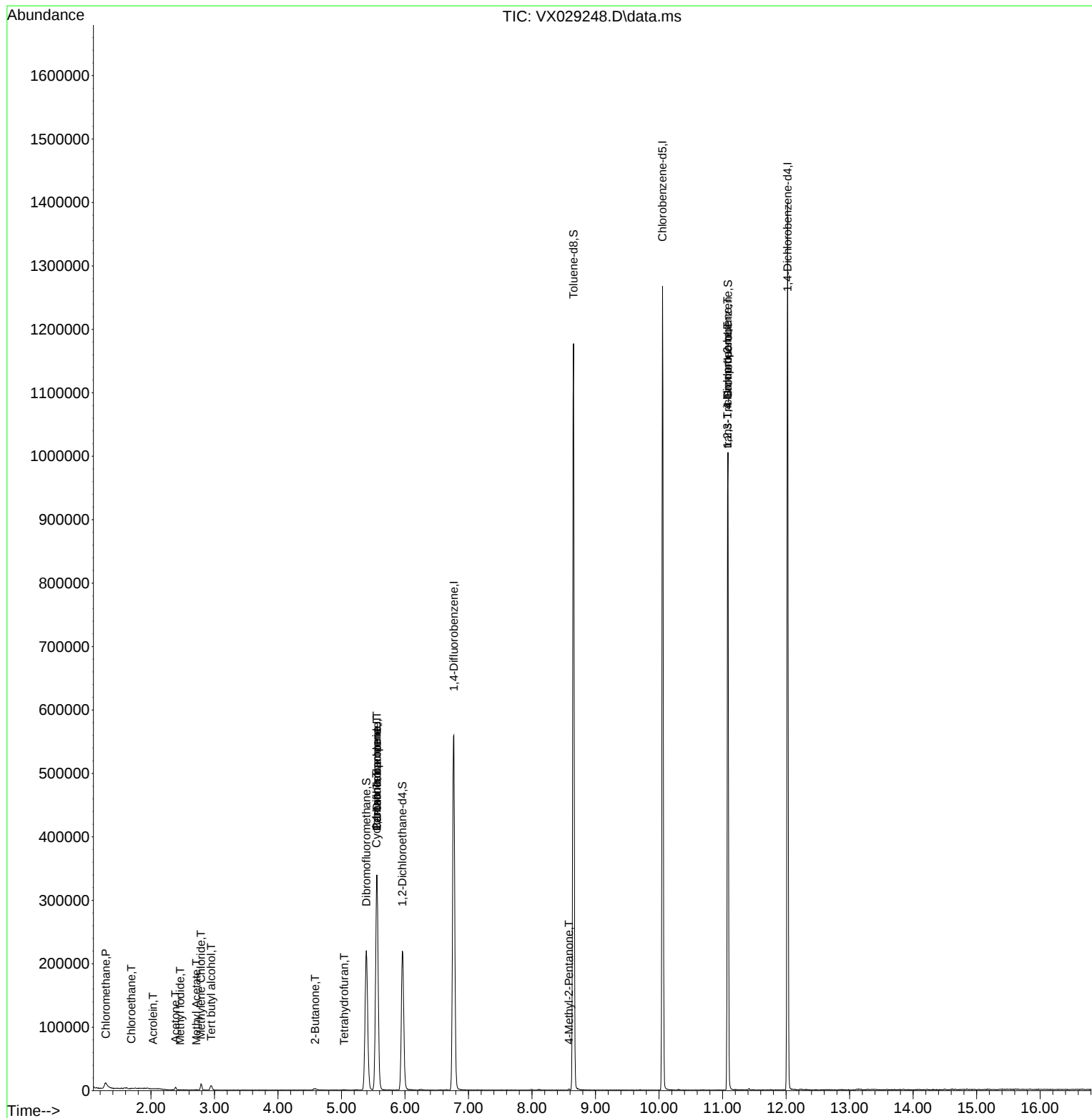
Internal Standards						
1) Pentafluorobenzene	5.556	168	315787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	592101	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	584030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	283506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	215025	60.384	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 120.760%	
35) Dibromofluoromethane	5.391	113	193507	49.202	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.400%	
50) Toluene-d8	8.653	98	708532	49.258	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.520%	
62) 4-Bromofluorobenzene	11.085	95	288447	51.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	700	0.244	ug/l #	42
5) Bromomethane	1.617	94	526	Below Cal		92
6) Chloroethane	1.690	64	588	1.611	ug/l #	43
10) Methyl Iodide	2.459	142	340	4.314	ug/l #	93
11) Tert butyl alcohol	2.946	59	4539	5.502	ug/l #	72
13) Acrolein	2.032	56	75	0.201	ug/l #	15
16) Acetone	2.385	43	4714	3.362	ug/l	95
18) Methyl Acetate	2.715	43	862	0.238	ug/l #	57
20) Methylene Chloride	2.788	84	4360	1.334	ug/l #	83
25) 2-Butanone	4.586	43	1216	0.538	ug/l #	76
29) Tetrahydrofuran	5.043	42	704	0.485	ug/l #	64
31) Cyclohexane	5.550	56	6153	1.329	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24330	4.808	ug/l #	49
38) Carbon Tetrachloride	5.556	117	33753	5.836	ug/l #	16
44) Trichloroethene	7.135	130	157	Below Cal		67
51) 4-Methyl-2-Pentanone	8.579	43	1166	0.228	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	142694	24.829	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	142694	72.842	ug/l #	15

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

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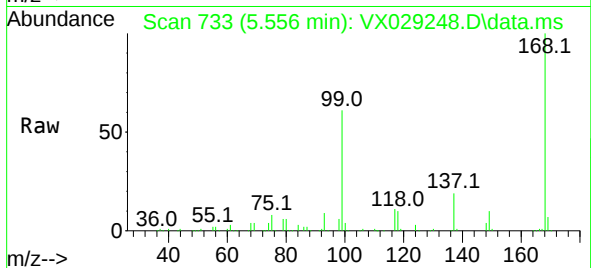
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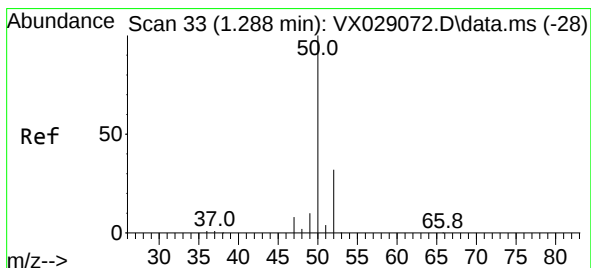
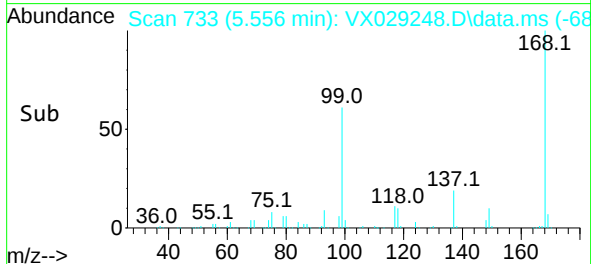
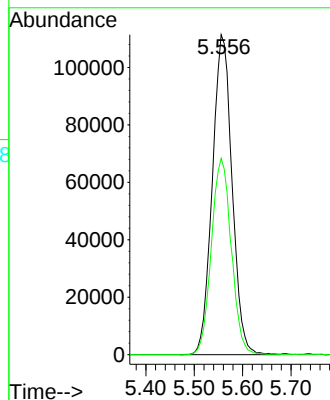


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Instrument :
MSVOA_X
ClientSampleId :
PB145329TB

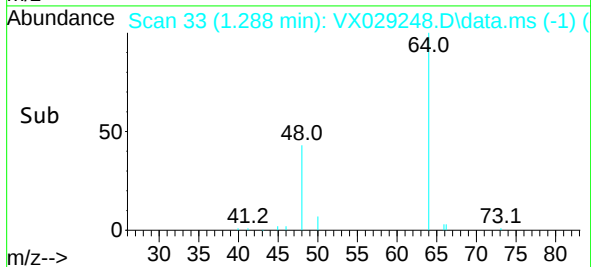
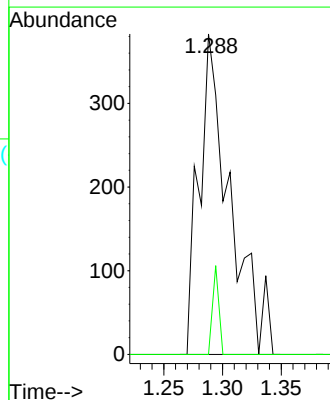
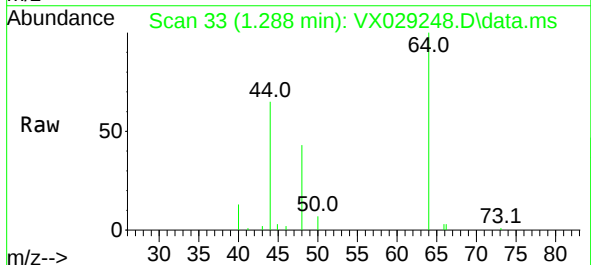


Tgt Ion:168 Resp: 315787
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5



#3
Chloromethane
Concen: 0.244 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion: 50 Resp: 700
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

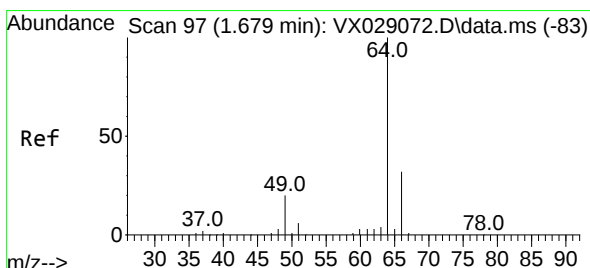
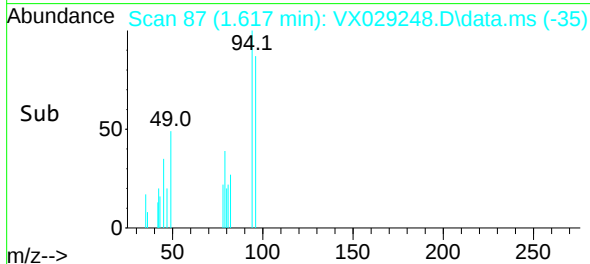
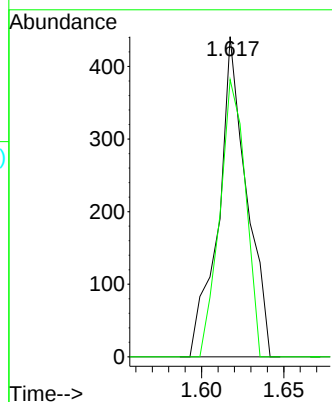
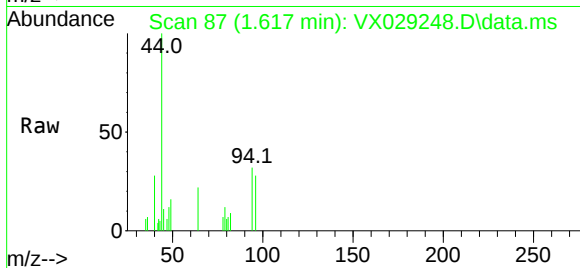




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

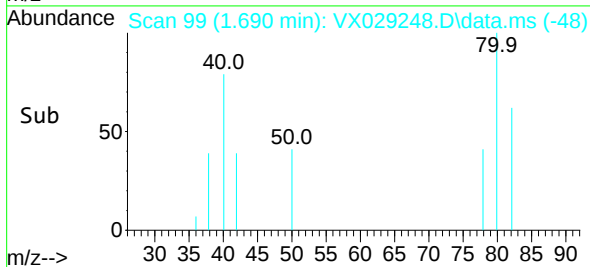
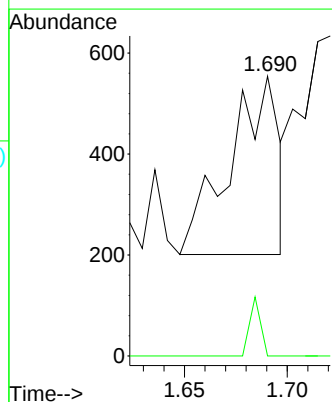
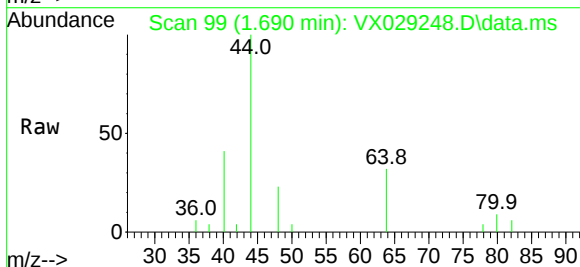
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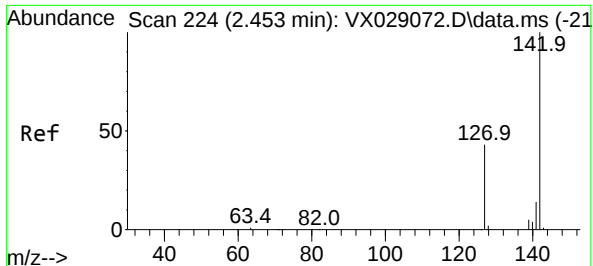
Tgt Ion: 94 Resp: 526
Ion Ratio Lower Upper
94 100
96 86.6 75.3 112.9



#6
Chloroethane
Concen: 1.611 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.011 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion: 64 Resp: 588
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

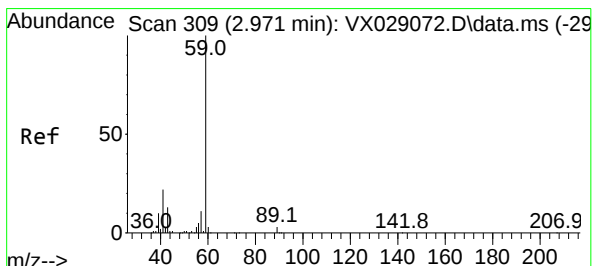
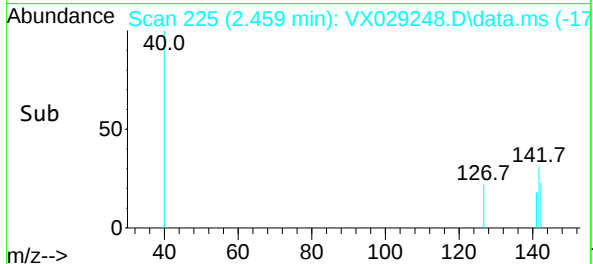
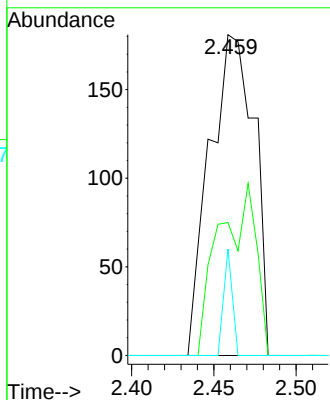
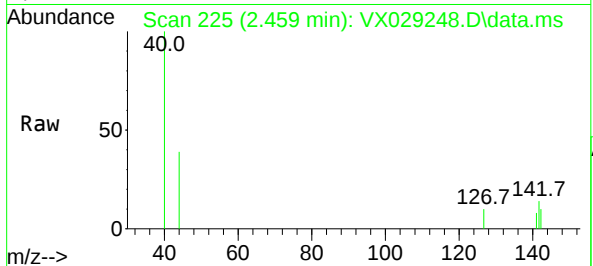




#10
Methyl Iodide
Concen: 4.314 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

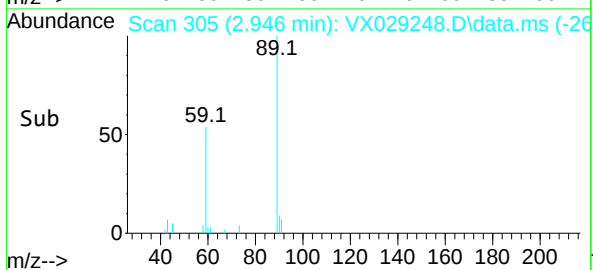
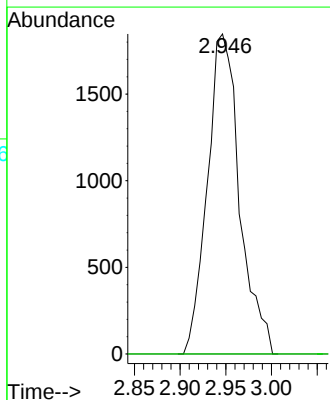
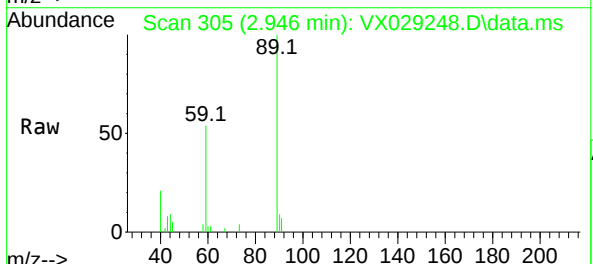
Instrument :
MSVOA_X
ClientSampleId :
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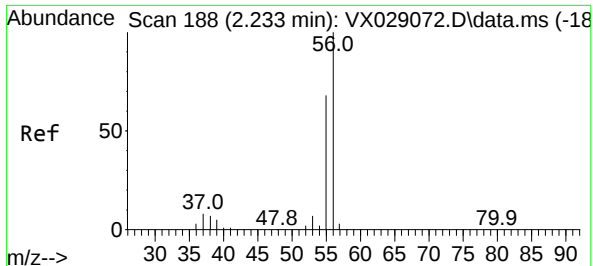
Tgt Ion:142 Resp: 340
Ion Ratio Lower Upper
142 100
127 44.4 33.9 50.9
141 6.5 11.4 17.2#



#11
Tert butyl alcohol
Concen: 5.502 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion: 59 Resp: 4539
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

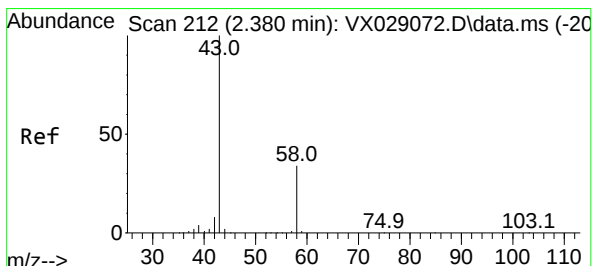
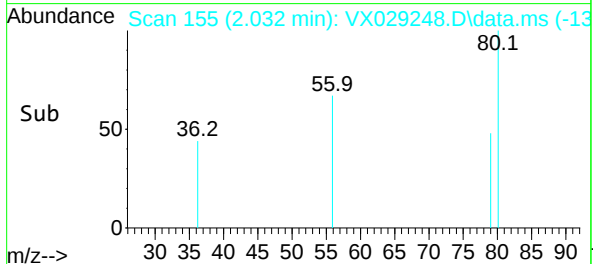
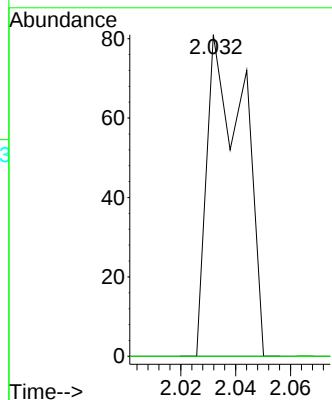
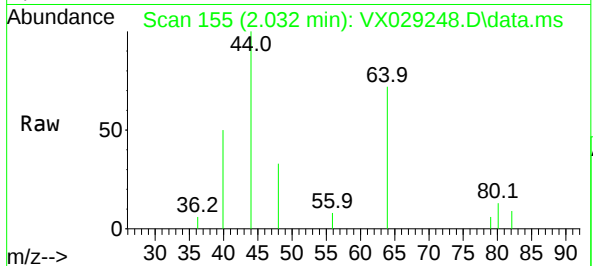




#13
Acrolein
Concen: 0.201 ug/l
RT: 2.032 min Scan# 11
Delta R.T. -0.201 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

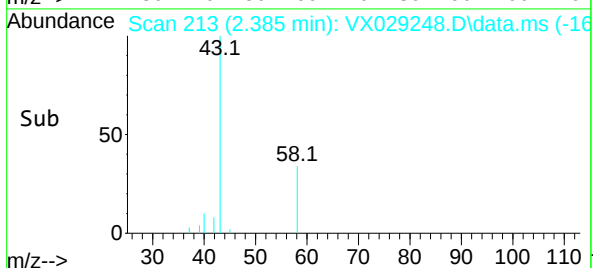
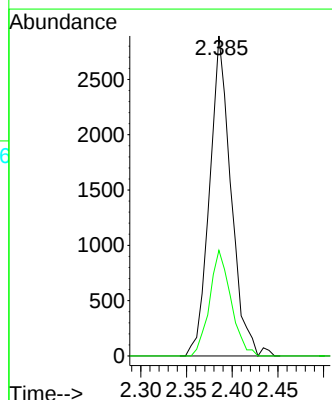
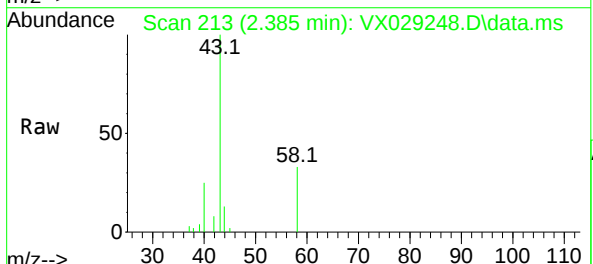
Instrument :
MSVOA_X
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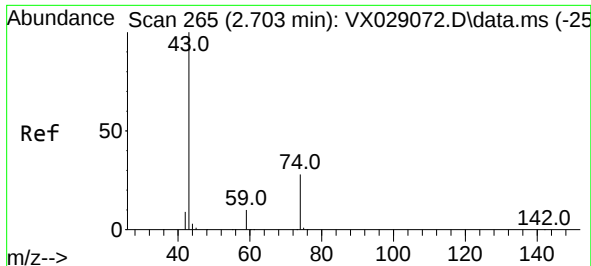
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#16
Acetone
Concen: 3.362 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.005 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion: 43 Resp: 4714
Ion Ratio Lower Upper
43 100
58 33.0 28.8 43.2

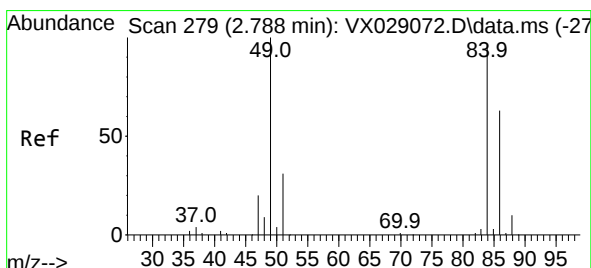
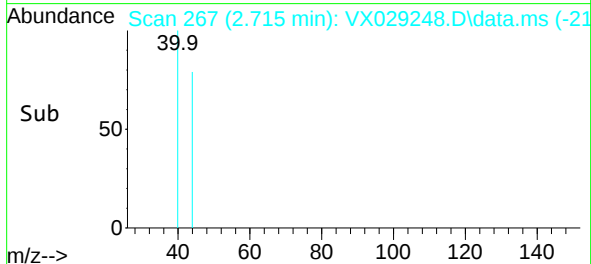
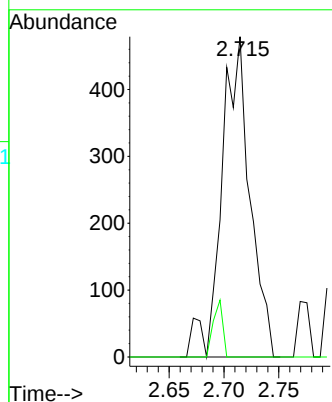
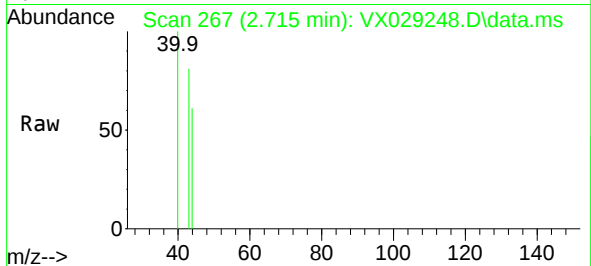




#18
Methyl Acetate
Concen: 0.238 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

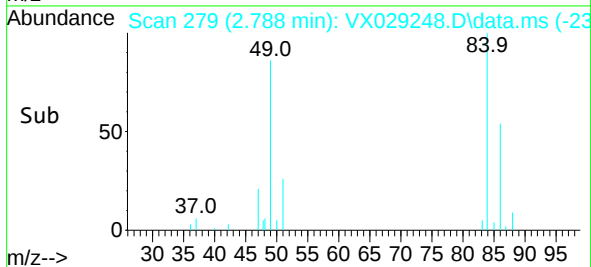
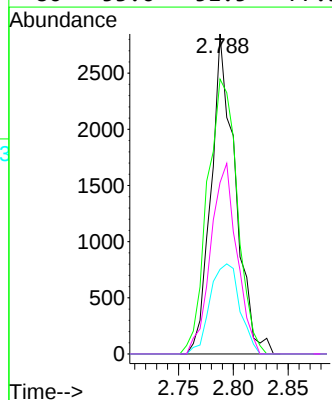
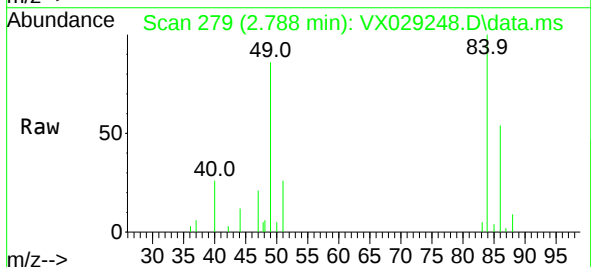
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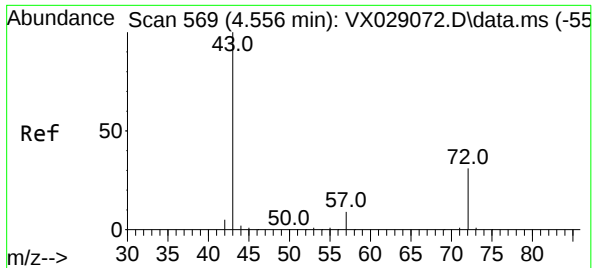
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
74 5.9 22.8 34.2#



#20
Methylene Chloride
Concen: 1.334 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion: 84 Resp: 4360
Ion Ratio Lower Upper
84 100
49 85.9 85.5 128.3
51 26.5 26.6 39.8#
86 53.6 51.5 77.3

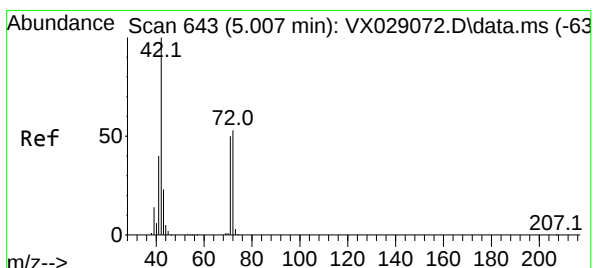
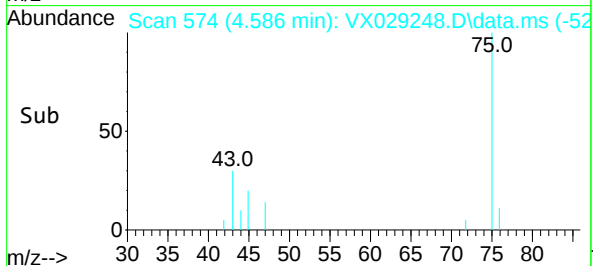
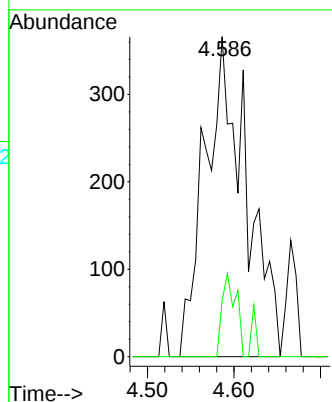
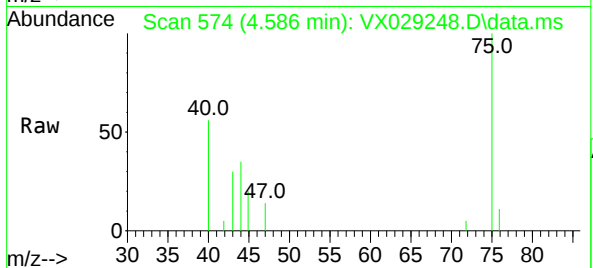




#25
2-Butanone
Concen: 0.538 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

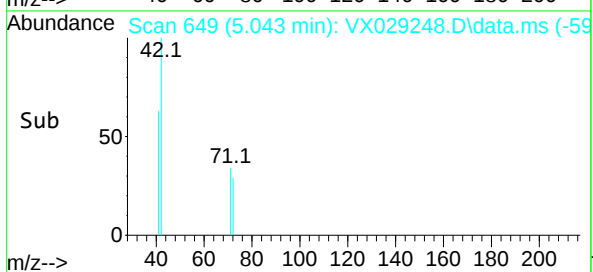
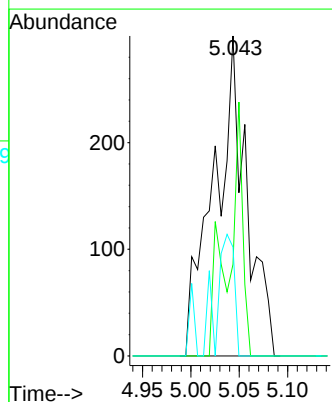
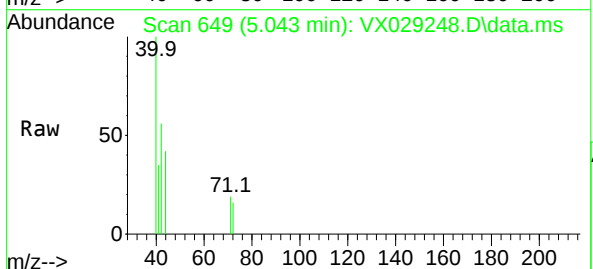
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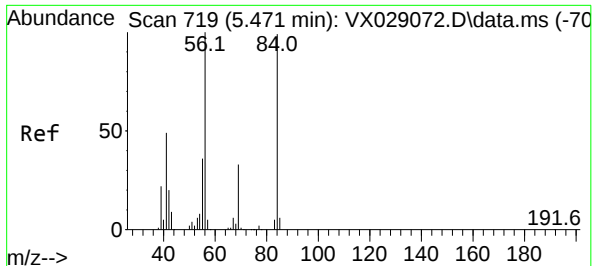
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
72 17.5 24.4 36.6#



#29
Tetrahydrofuran
Concen: 0.485 ug/l
RT: 5.043 min Scan# 649
Delta R.T. 0.037 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion: 42 Resp: 704
Ion Ratio Lower Upper
42 100
72 34.5 44.1 66.1#
71 20.3 40.5 60.7#

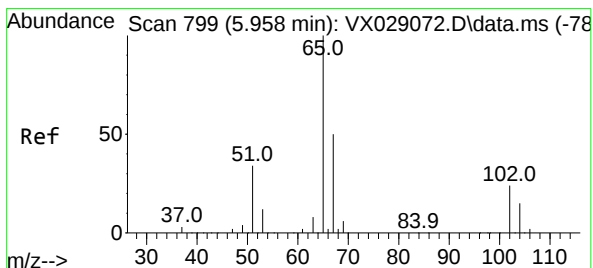
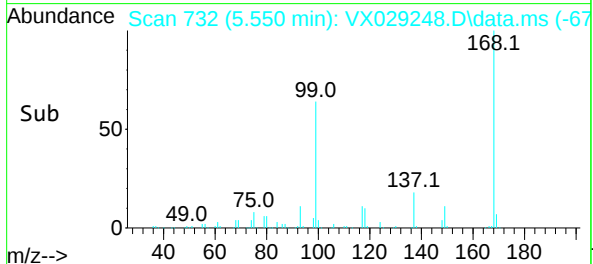
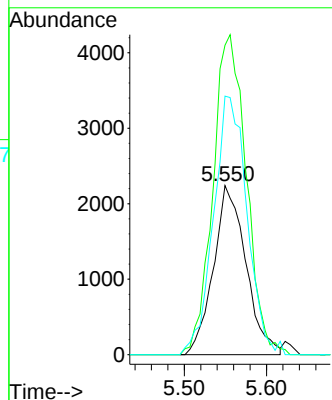
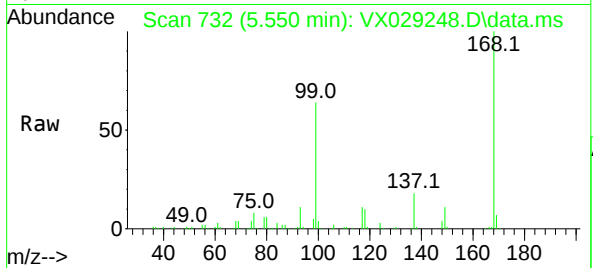




#31
Cyclohexane
Concen: 1.329 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

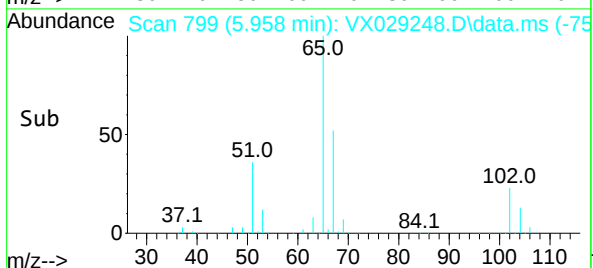
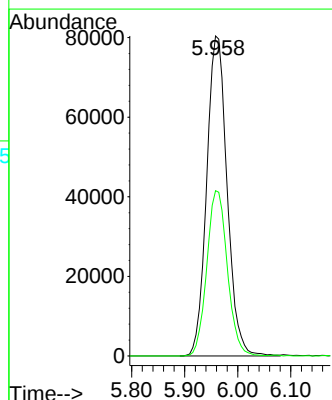
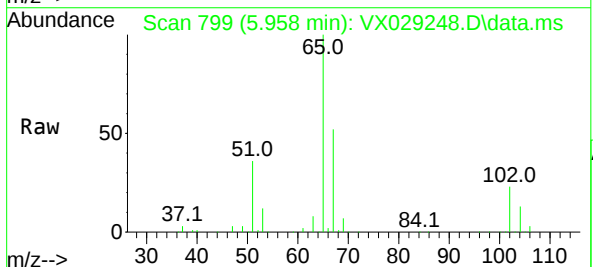
Instrument :
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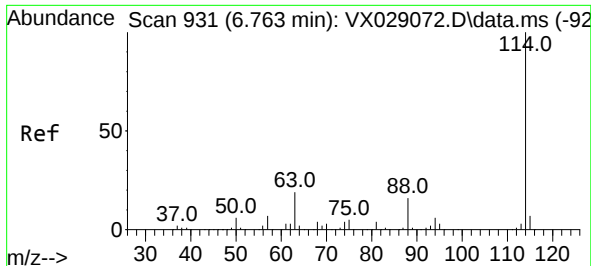
Tgt Ion: 56 Resp: 6153
Ion Ratio Lower Upper
56 100
69 182.9 26.7 40.1#
84 152.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 60.384 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion: 65 Resp: 215025
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4

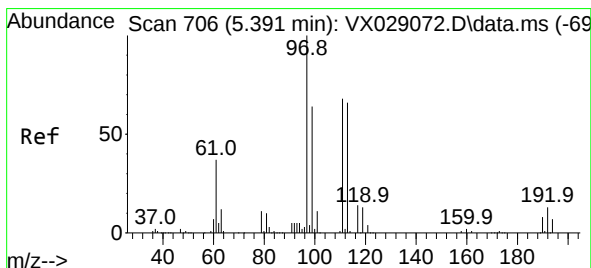
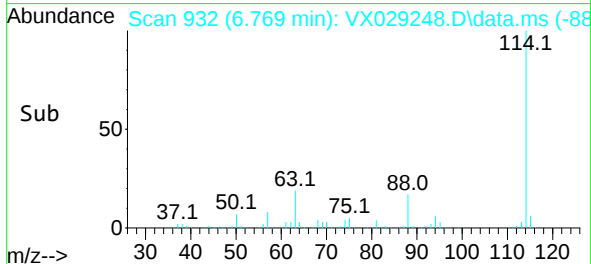
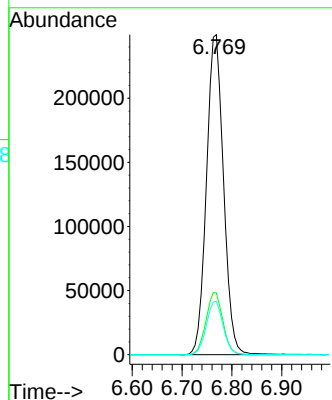
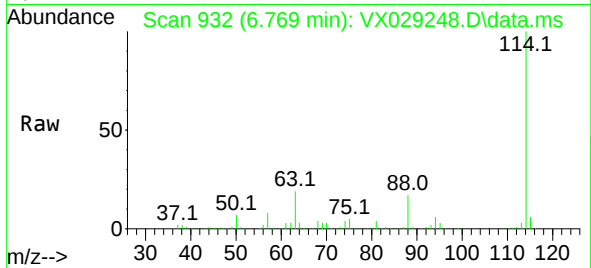




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

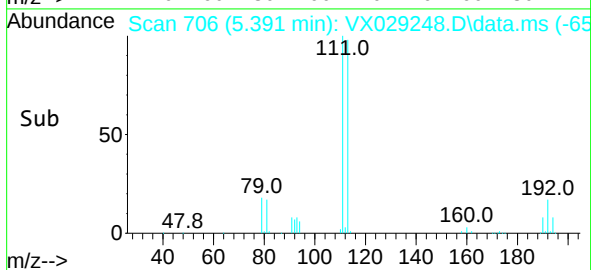
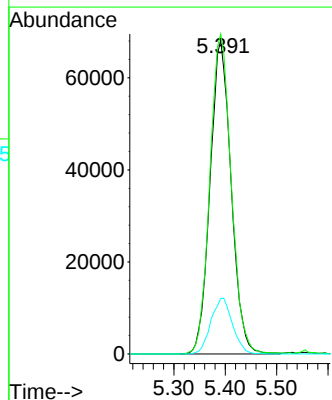
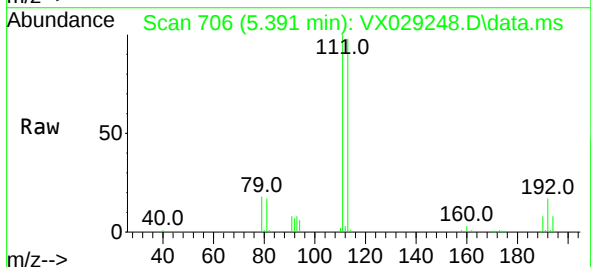
Instrument :
MSVOA_X
ClientSampleId :
PB145329TB

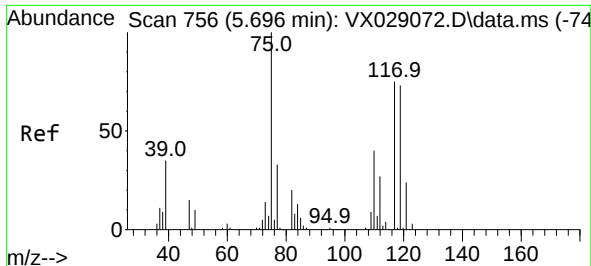
Tgt Ion:114 Resp: 592101
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.202 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion:113 Resp: 193507
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 18.3 16.9 25.3

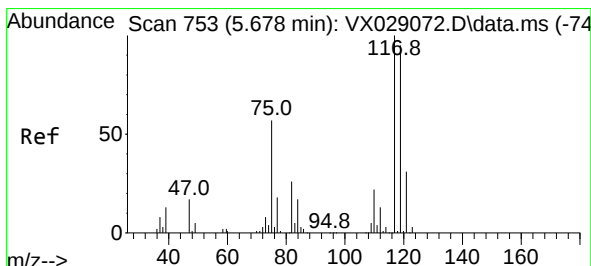
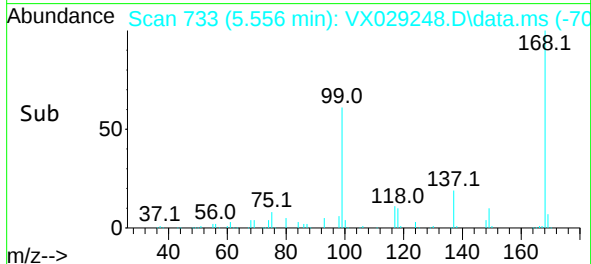
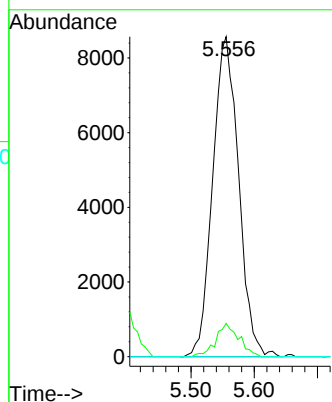
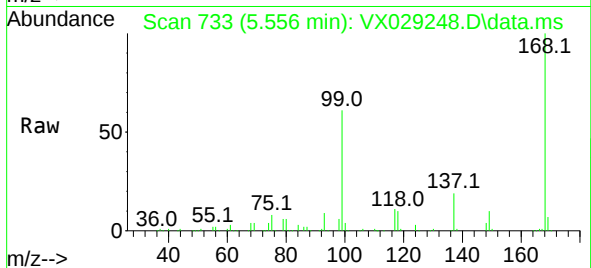




#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

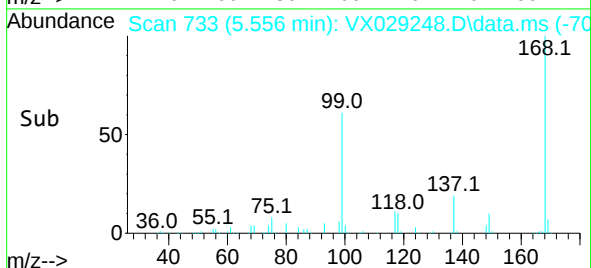
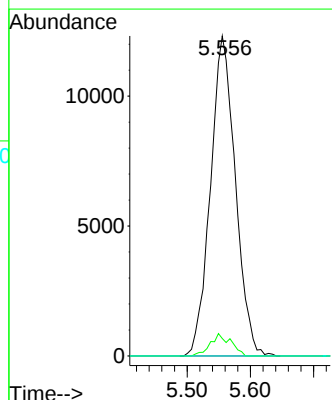
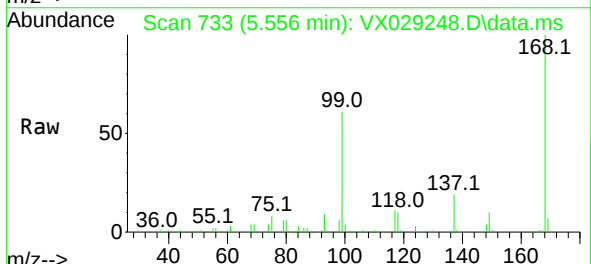
Instrument :
MSVOA_X
ClientSampleId :
PB145329TB

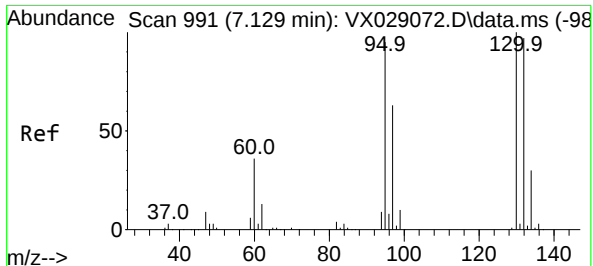
Tgt Ion: 75 Resp: 24330
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion: 117 Resp: 33753
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.2 36.2#

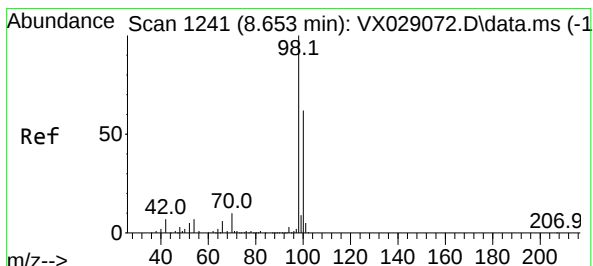
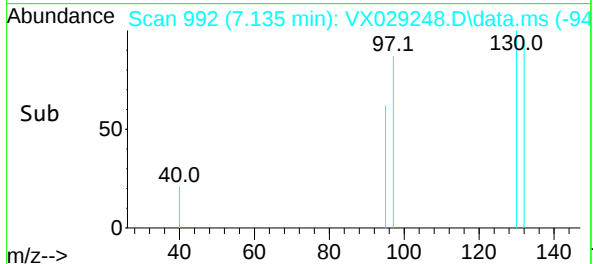
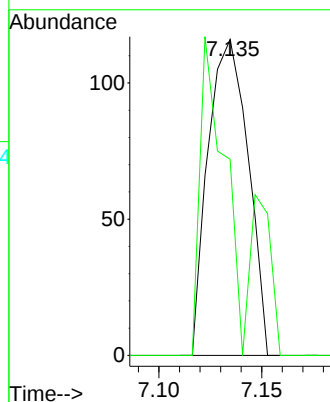
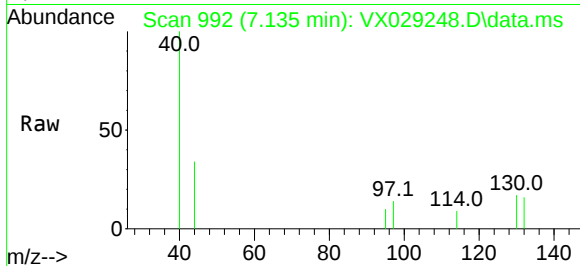




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

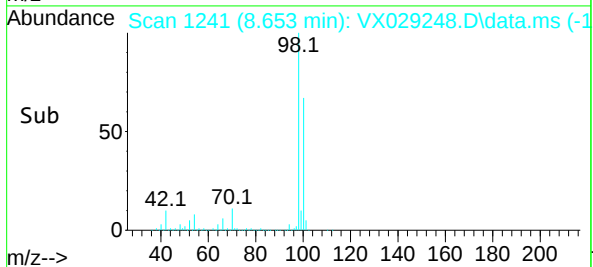
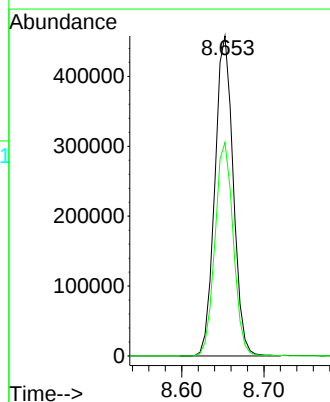
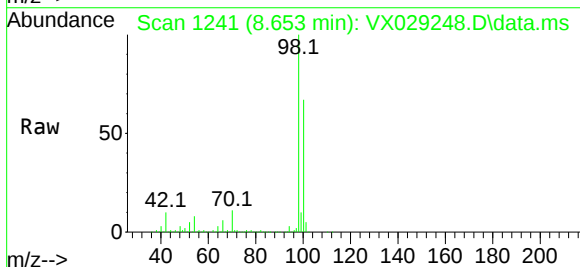
Instrument :
MSVOA_X
ClientSampleId :
PB145329TB

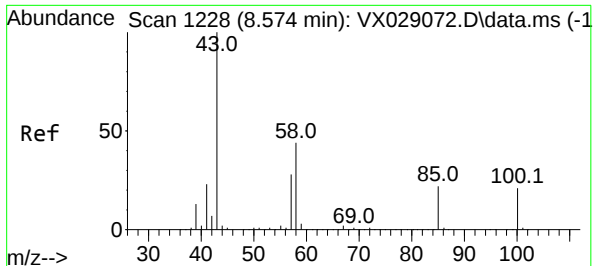
Tgt Ion:130 Resp: 157
Ion Ratio Lower Upper
130 100
95 62.1 0.0 188.8



#50
Toluene-d8
Concen: 49.258 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion: 98 Resp: 708532
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.228 ug/l

RT: 8.579 min Scan# 11

Delta R.T. 0.005 min

Lab File: VX029248.D

Acq: 06 Jun 2022 19:04

Instrument :

MSVOA_X

ClientSampleId :

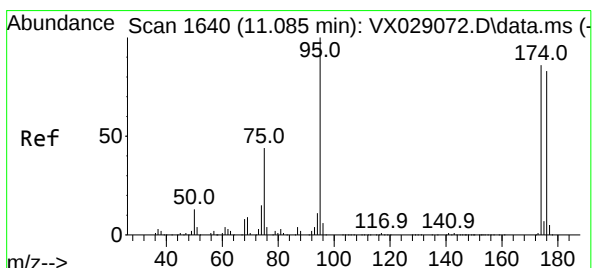
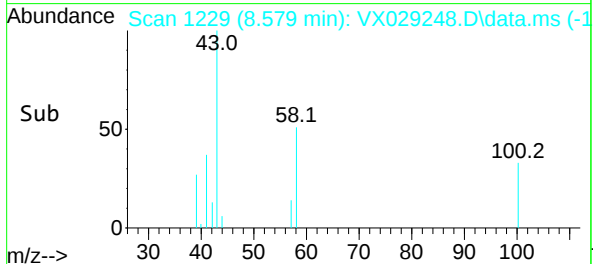
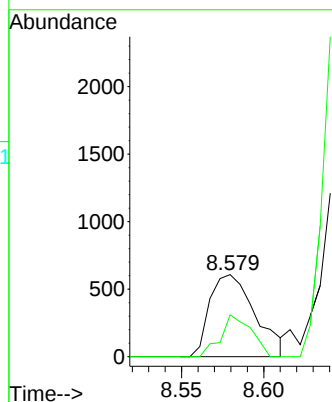
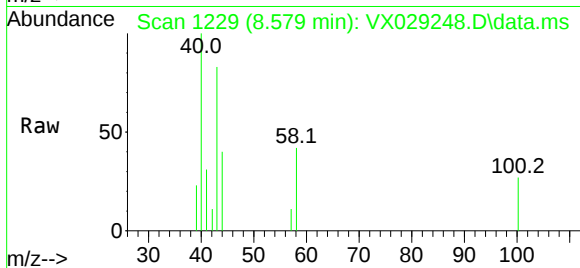
PB145329TB

Tgt Ion: 43 Resp: 1166

Ion Ratio Lower Upper

43 100

58 34.4 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 51.877 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX029248.D

Acq: 06 Jun 2022 19:04

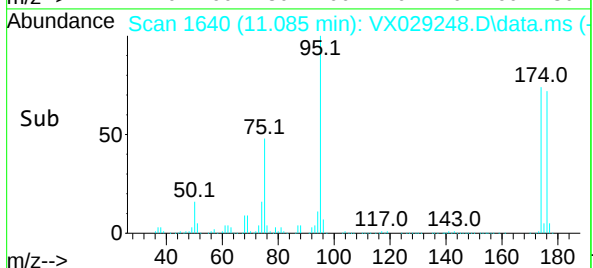
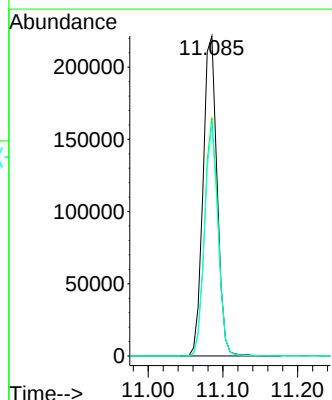
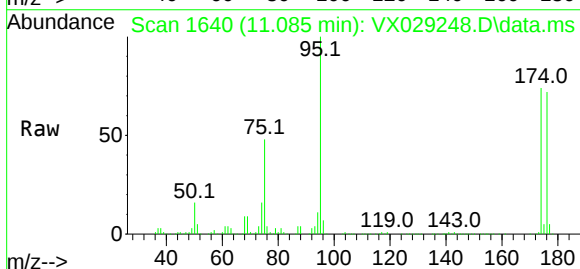
Tgt Ion: 95 Resp: 288447

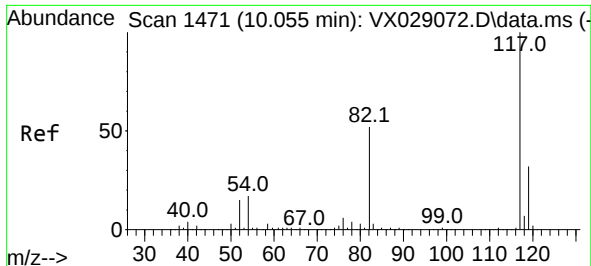
Ion Ratio Lower Upper

95 100

174 72.0 0.0 163.0

176 69.4 0.0 155.0

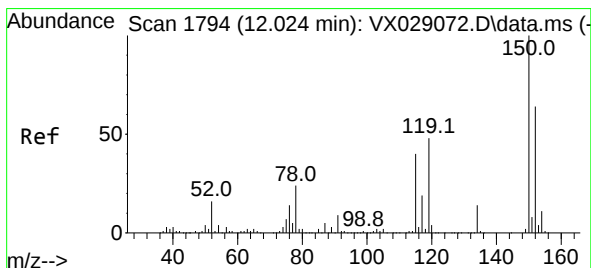
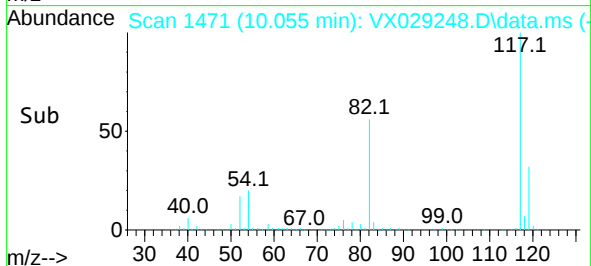
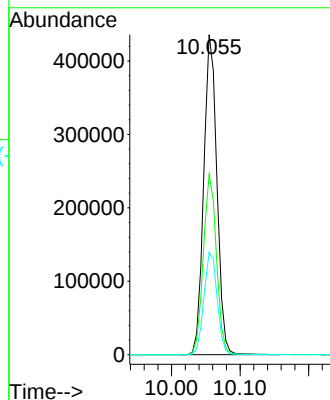
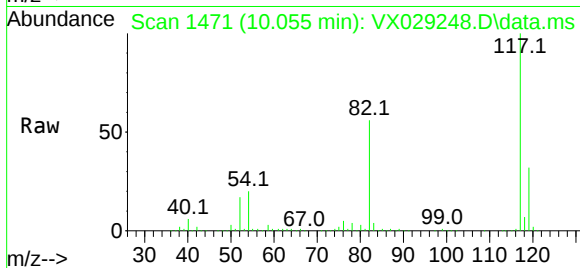




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

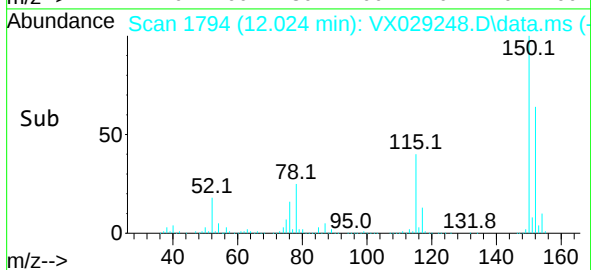
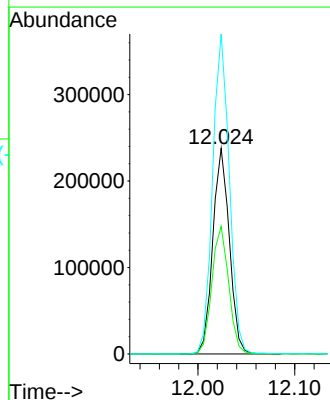
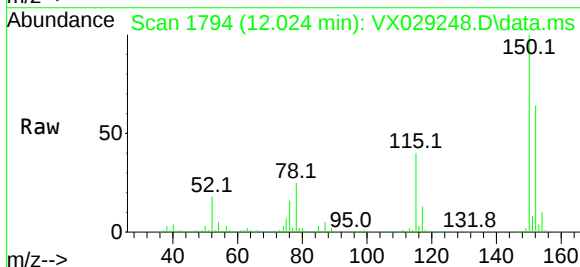
Instrument :
MSVOA_X
ClientSampleId :
PB145329TB

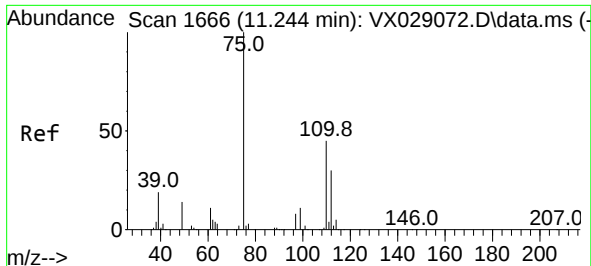
Tgt Ion:117 Resp: 584030
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion:152 Resp: 283506
Ion Ratio Lower Upper
152 100
115 63.1 37.5 112.7
150 156.5 0.0 338.2

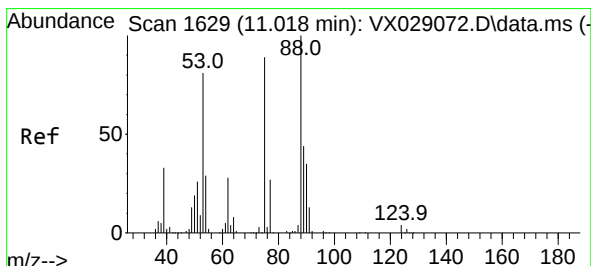
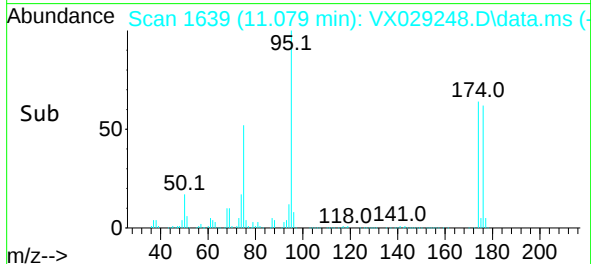
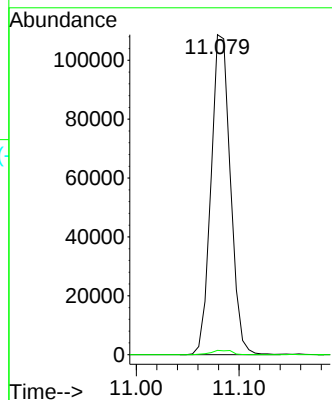
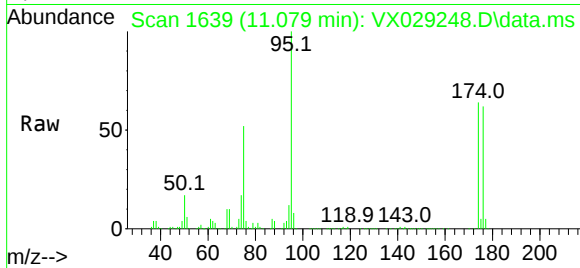




#76
1,2,3-Trichloropropane
Concen: 24.829 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Instrument :
MSVOA_X
ClientSampleId :
PB145329TB

Tgt Ion: 75 Resp: 142694
Ion Ratio Lower Upper
75 100
77 1.5 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.842 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029248.D
Acq: 06 Jun 2022 19:04

Tgt Ion: 75 Resp: 142694
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

