

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027438.D
 Acq On : 14 Mar 2022 21:53
 Operator : JC/MD
 Sample : PB143304TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB143304TB

Quant Time: Mar 15 06:07:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

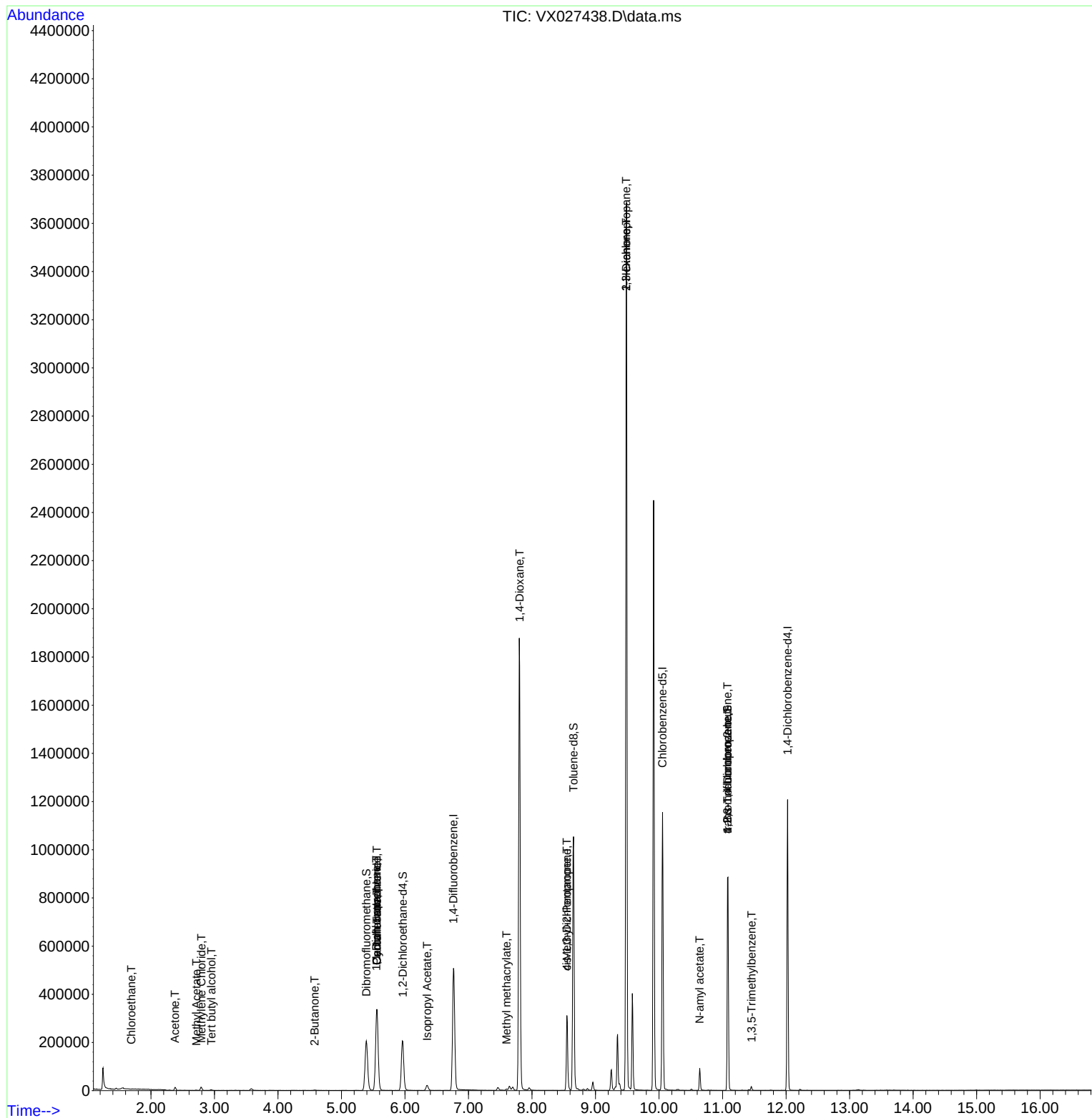
Internal Standards						
1) Pentafluorobenzene	5.556	168	320329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	528892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	509048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	209092	55.974	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.940%			
35) Dibromofluoromethane	5.391	113	178687	52.359	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.720%			
50) Toluene-d8	8.653	98	645483	50.100	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.200%			
62) 4-Bromofluorobenzene	11.079	95	250634	51.040	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.080%			
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	431	Below Cal		97
6) Chloroethane	1.691	64	556	0.696 ug/l #		70
11) Tert butyl alcohol	2.953	59	1749	2.388 ug/l #		72
16) Acetone	2.380	43	13112	6.240 ug/l		88
18) Methyl Acetate	2.715	43	1898	0.462 ug/l #		85
20) Methylene Chloride	2.794	84	6121	1.677 ug/l		95
25) 2-Butanone	4.574	43	2389	0.928 ug/l		90
31) Cyclohexane	5.556	56	5881	1.126 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	23677	4.997 ug/l #		51
38) Carbon Tetrachloride	5.556	117	33075	6.751 ug/l #		16
43) Isopropyl Acetate	6.348	43	27843	3.698 ug/l		94
48) Methyl methacrylate	7.598	41	7379	1.971 ug/l #		7
49) 1,4-Dioxane	7.806	88	382	3.896 ug/l #		1
51) 4-Methyl-2-Pentanone	8.549	43	103976	20.627 ug/l #		44
54) cis-1,3-Dichloropropene	8.549	75	48226	8.813 ug/l #		72
57) 1,3-Dichloropropane	9.482	76	33150	5.348 ug/l #		43
59) 2-Hexanone	9.482	43	435857	111.936 ug/l #		43
74) N-amyl acetate	10.640	43	20598	2.993 ug/l #		45
76) 1,2,3-Trichloropropane	11.079	75	122305	21.649 ug/l #		38
80) 1,3,5-Trimethylbenzene	11.457	105	7408	0.459 ug/l		95
81) trans-1,4-Dichloro-2-b...	11.079	75	122305	70.016 ug/l #		15

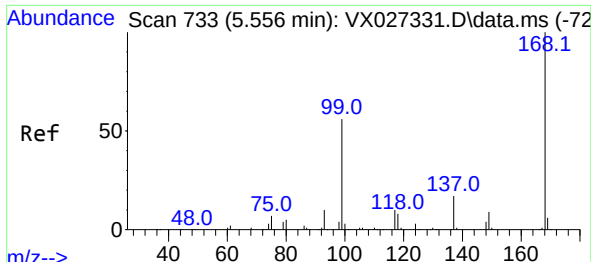
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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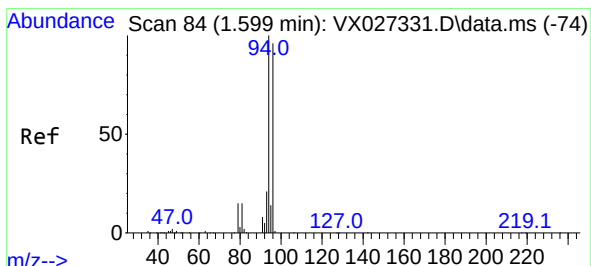
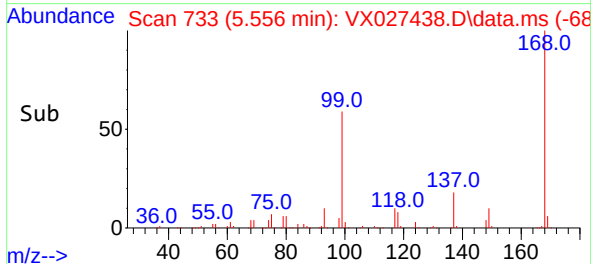
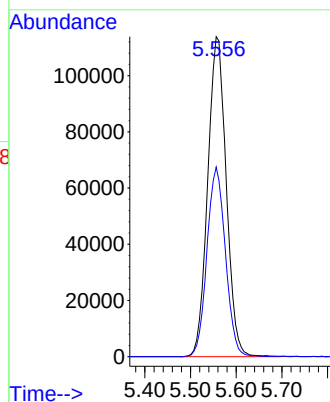
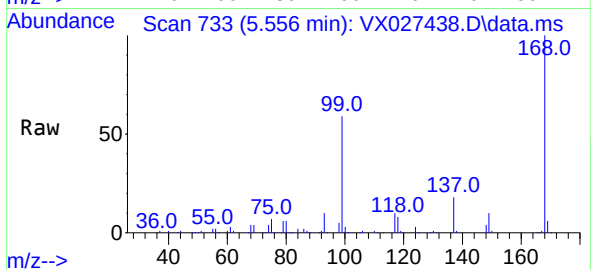




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

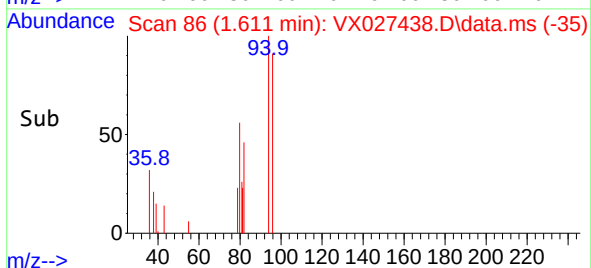
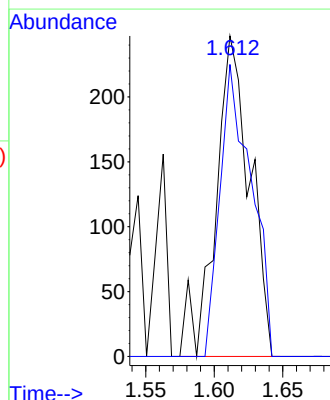
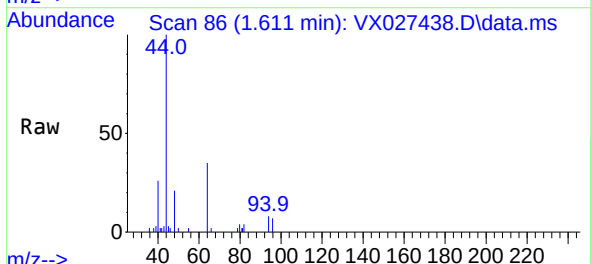
Instrument :
MSVOA_X
ClientSampleId :
PB143304TB

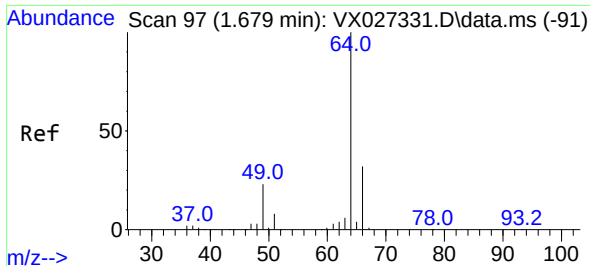
Tgt Ion:168 Resp: 320329
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 91.1 75.3 112.9

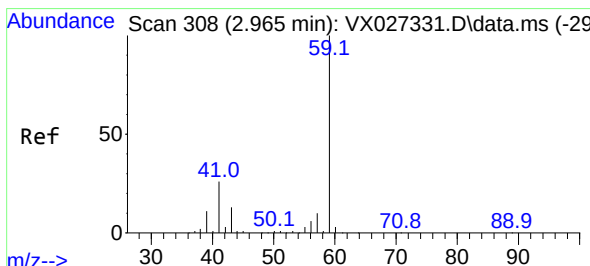
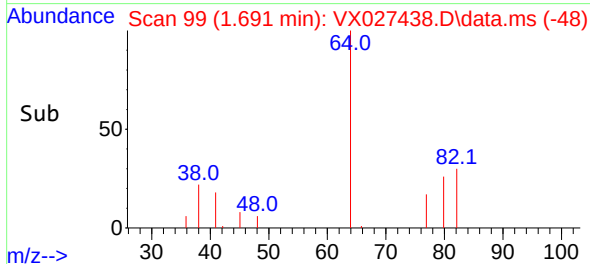
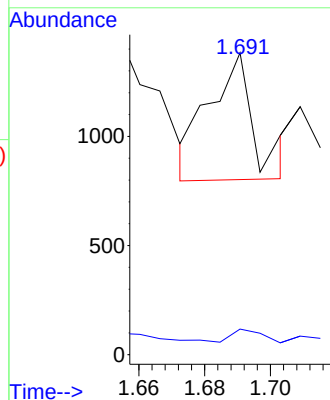
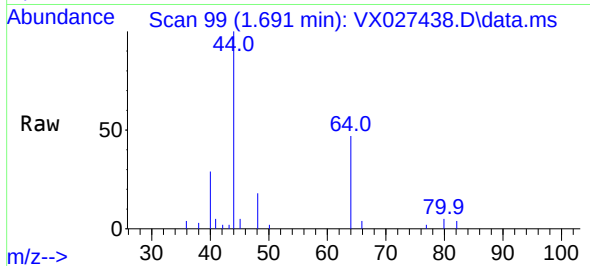




#6
Chloroethane
Concen: 0.696 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

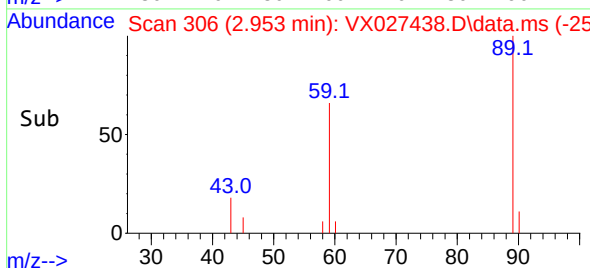
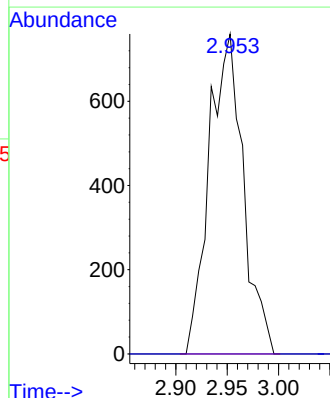
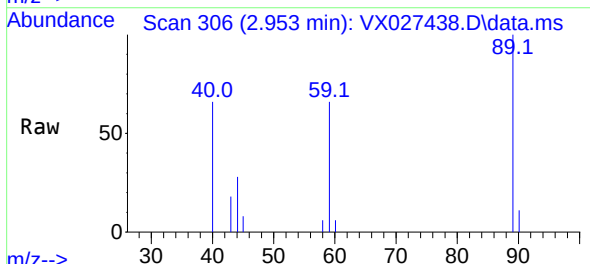
Instrument :
MSVOA_X
ClientSampleId :
PB143304TB

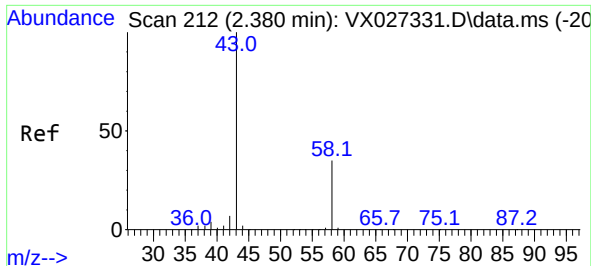
Tgt Ion: 64 Resp: 556
Ion Ratio Lower Upper
64 100
66 15.1 25.3 37.9#



#11
Tert butyl alcohol
Concen: 2.388 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion: 59 Resp: 1749
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

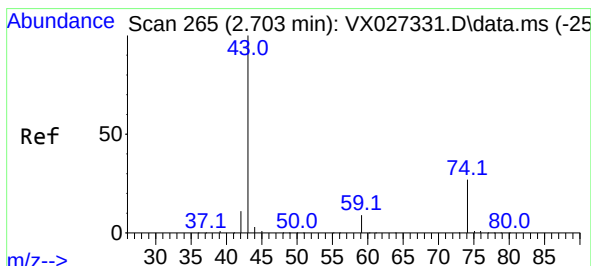
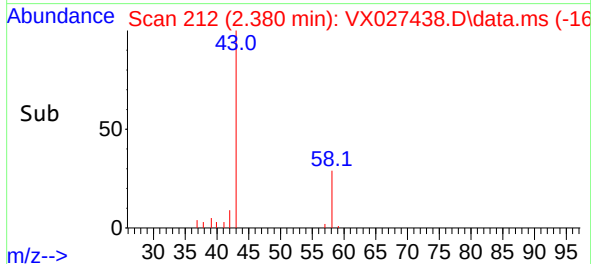
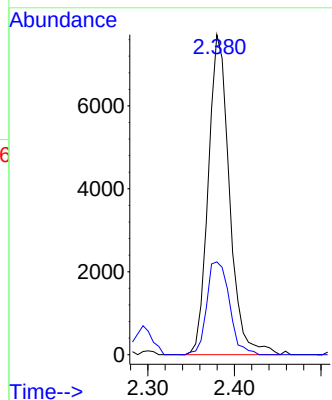
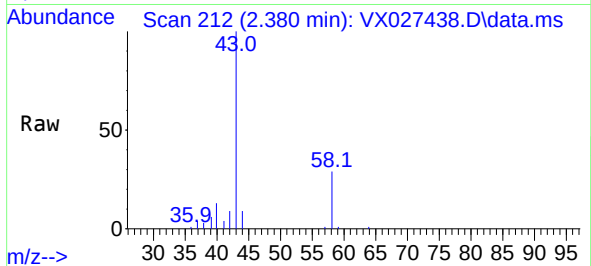




#16
Acetone
Concen: 6.240 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

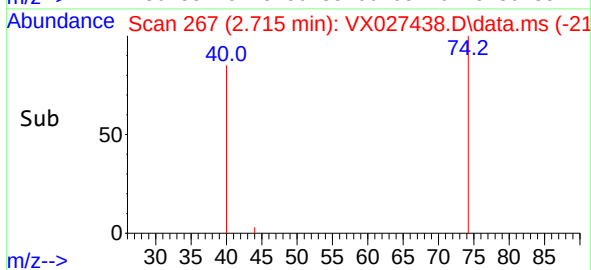
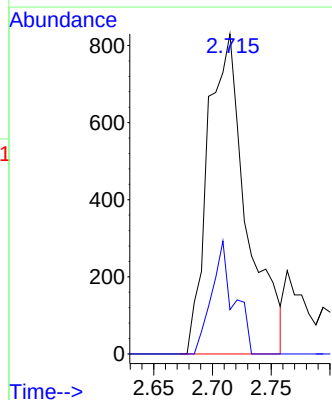
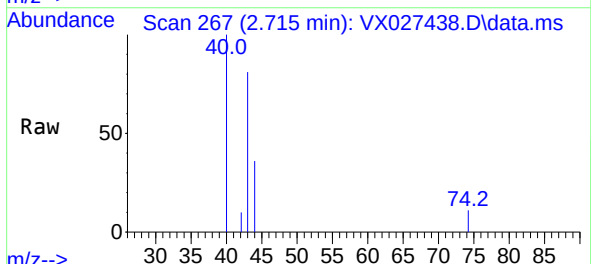
Instrument : MSVOA_X
ClientSampleId : PB143304TB

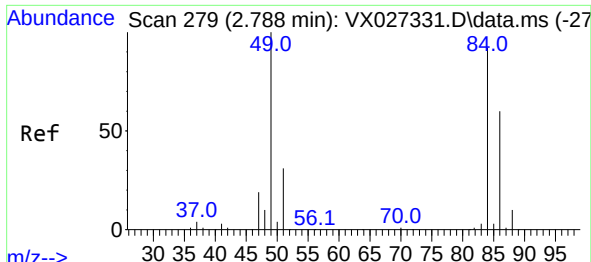
Tgt Ion: 43 Resp: 13112
Ion Ratio Lower Upper
43 100
58 29.0 28.8 43.2



#18
Methyl Acetate
Concen: 0.462 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion: 43 Resp: 1898
Ion Ratio Lower Upper
43 100
74 20.4 22.8 34.2#





#20

Methylene Chloride

Concen: 1.677 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027438.D

Acq: 14 Mar 2022 21:53

Instrument :

MSVOA_X

ClientSampleId :

PB143304TB

Tgt Ion: 84 Resp: 6121

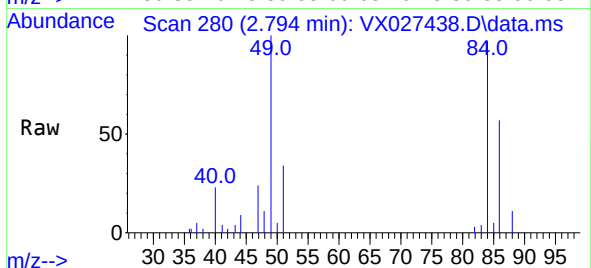
Ion Ratio Lower Upper

84 100

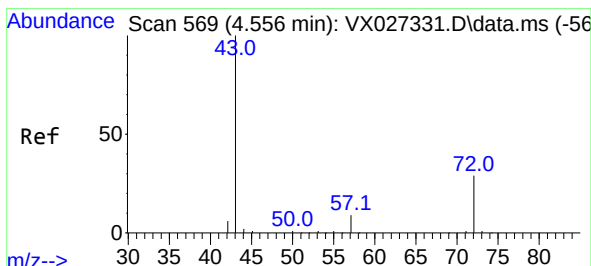
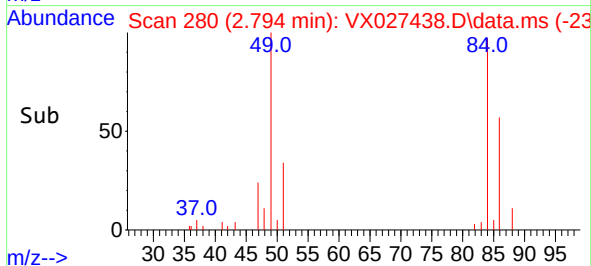
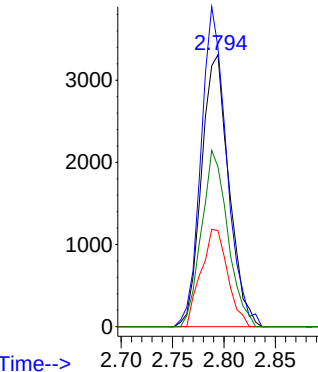
49 102.7 85.5 128.3

51 35.3 26.6 39.8

86 58.8 51.5 77.3



Abundance



#25

2-Butanone

Concen: 0.928 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX027438.D

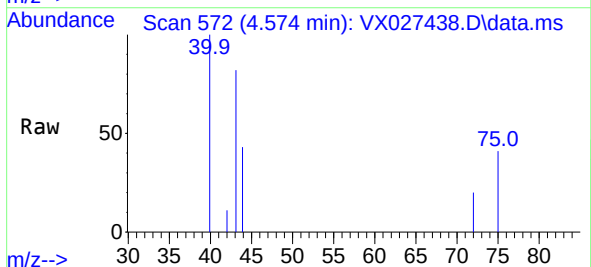
Acq: 14 Mar 2022 21:53

Tgt Ion: 43 Resp: 2389

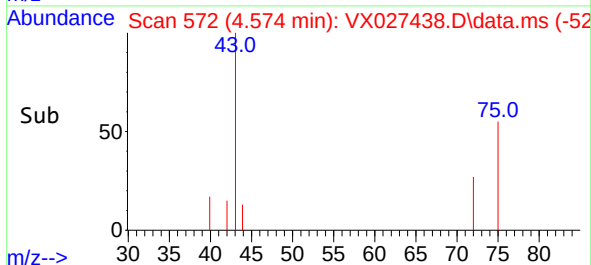
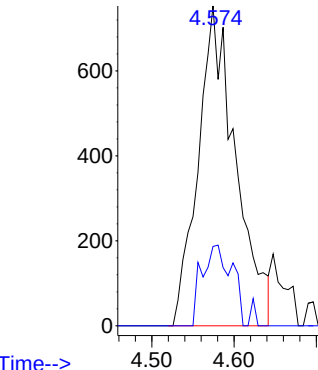
Ion Ratio Lower Upper

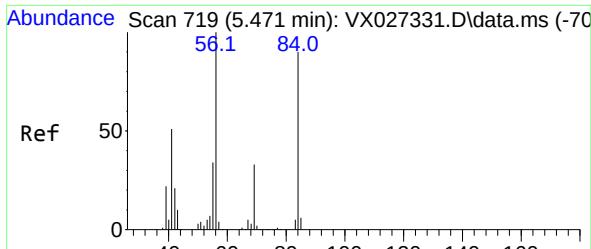
43 100

72 24.8 24.4 36.6



Abundance

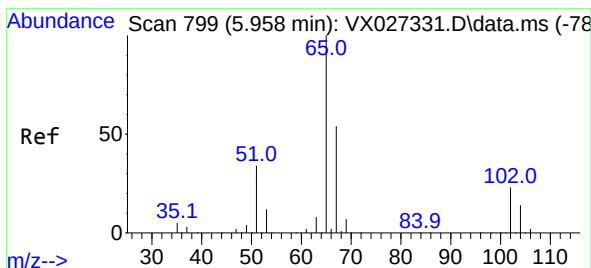
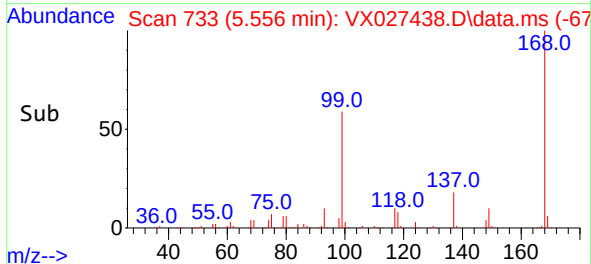
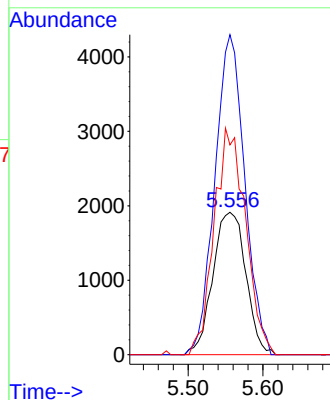
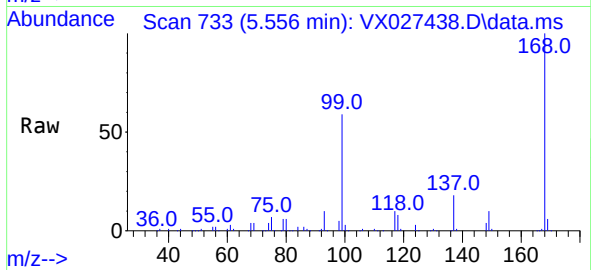




#31
Cyclohexane
Concen: 1.126 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

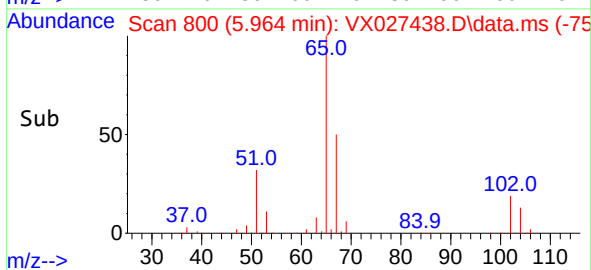
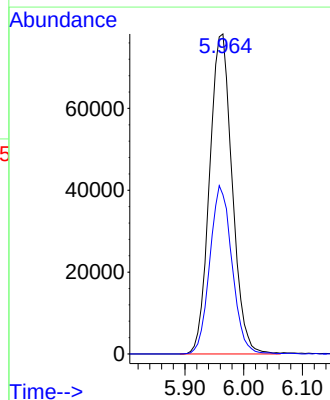
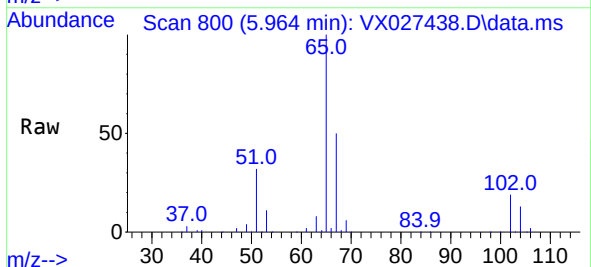
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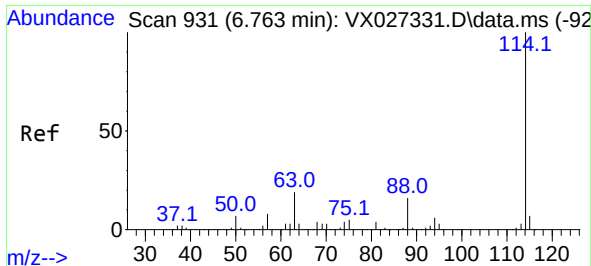
Tgt Ion: 56 Resp: 5881
Ion Ratio Lower Upper
56 100
69 224.6 26.7 40.1#
84 147.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.974 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion: 65 Resp: 209092
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

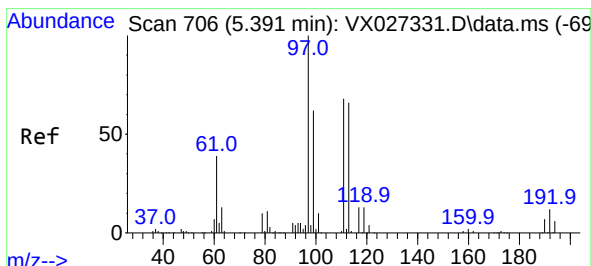
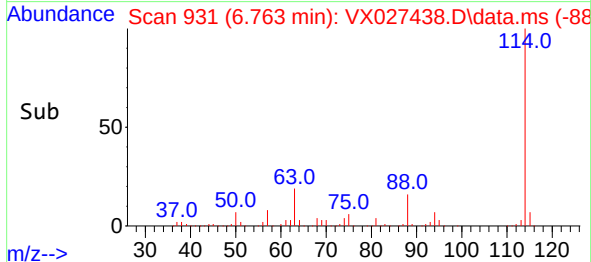
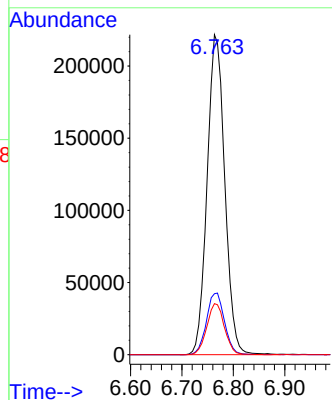
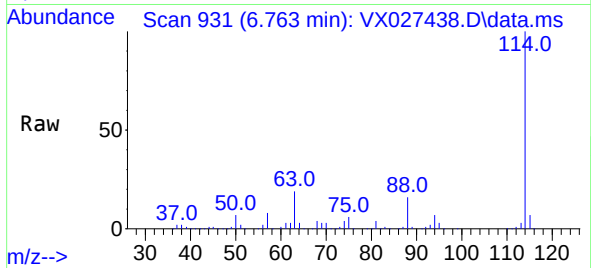




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

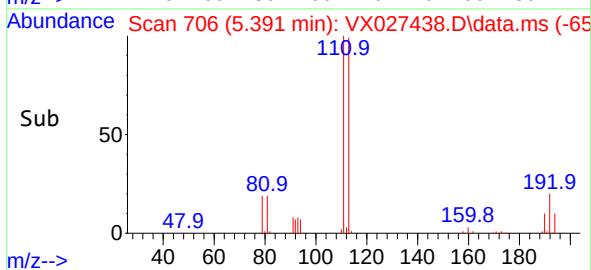
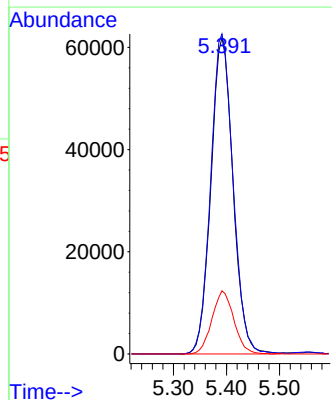
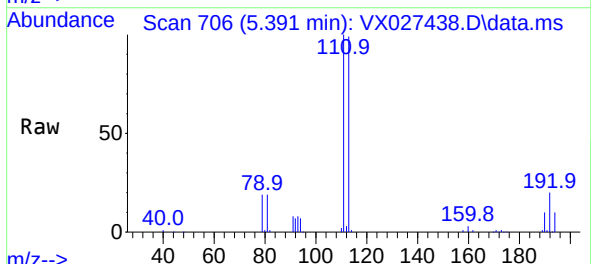
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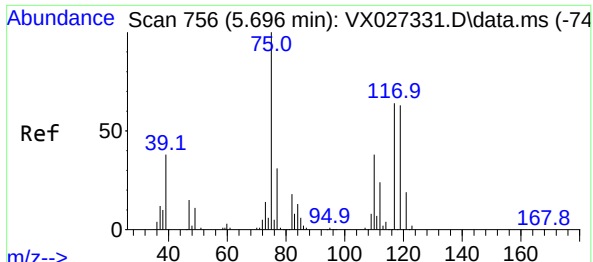
Tgt Ion:114 Resp: 528892
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.359 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion:113 Resp: 178687
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.8 16.9 25.3

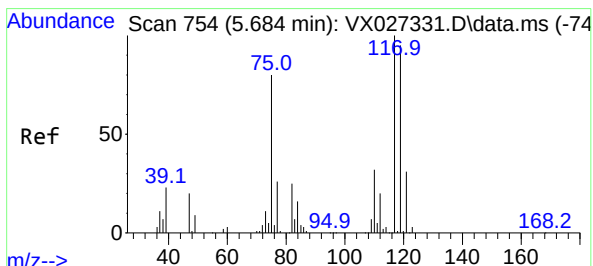
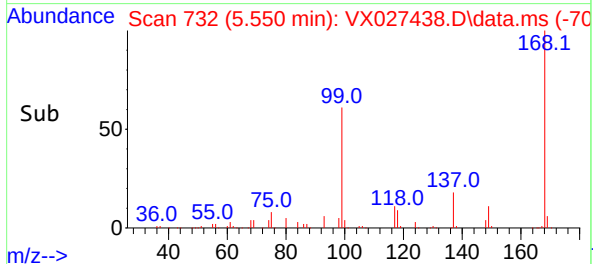
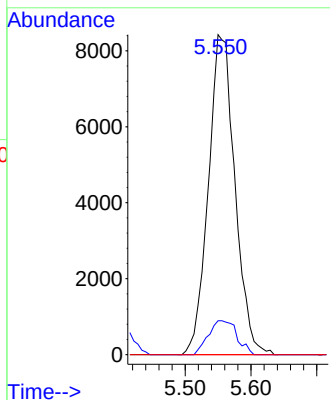
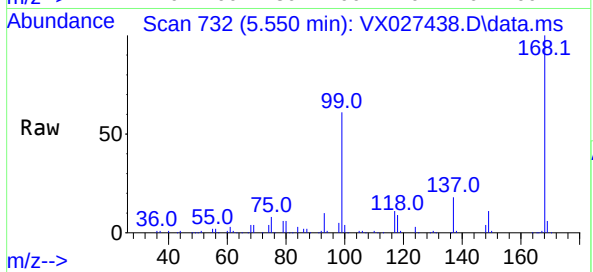




#36
1,1-Dichloropropene
Concen: 4.997 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

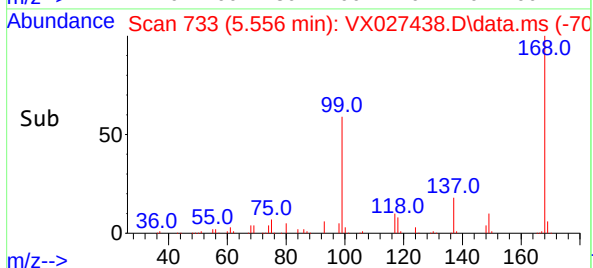
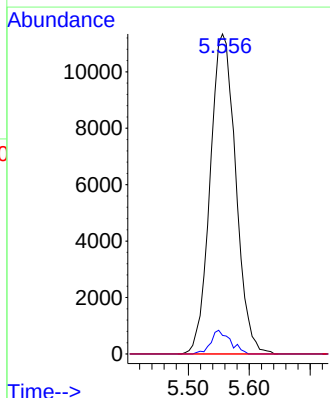
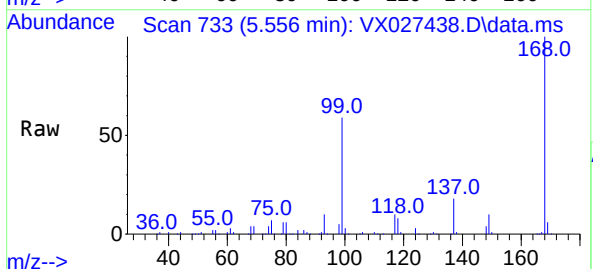
Instrument :
MSVOA_X
ClientSampleId :
PB143304TB

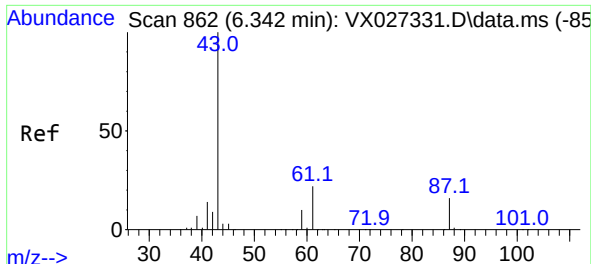
Tgt Ion: 75 Resp: 23677
Ion Ratio Lower Upper
75 100
110 11.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.751 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion: 117 Resp: 33075
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#

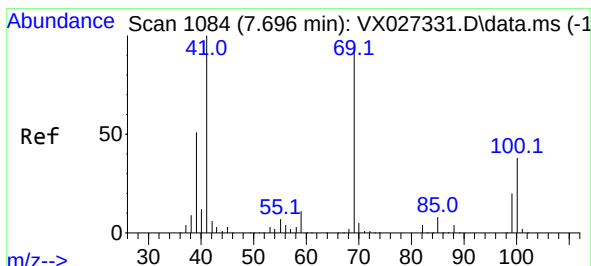
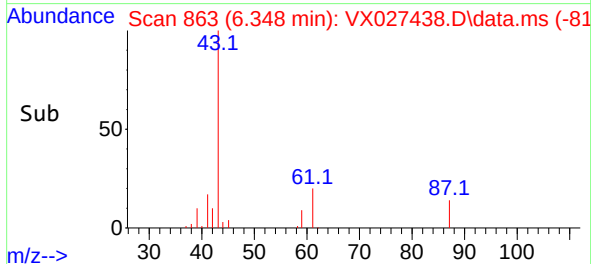
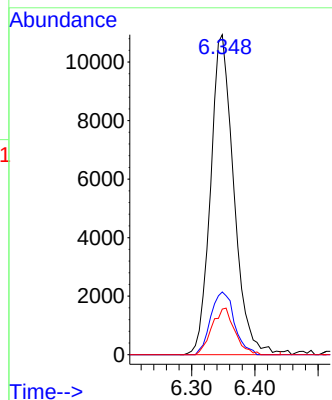
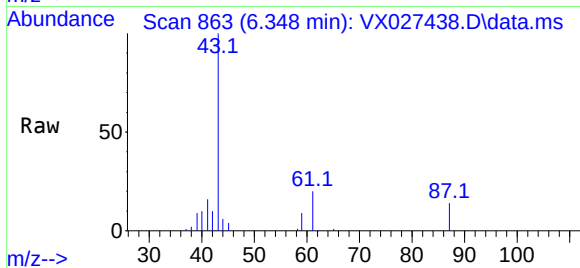




#43
Isopropyl Acetate
Concen: 3.698 ug/l
RT: 6.348 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

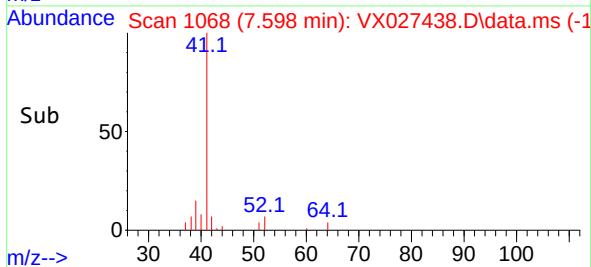
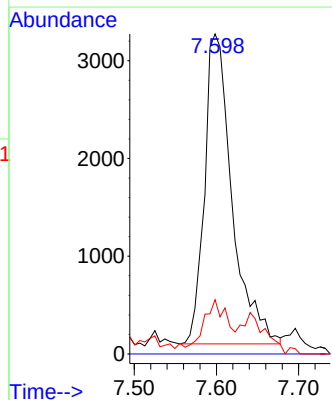
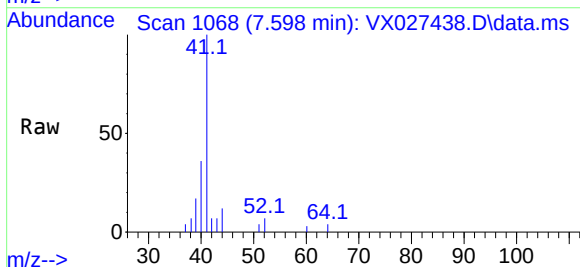
Instrument :
MSVOA_X
ClientSampleId :
PB143304TB

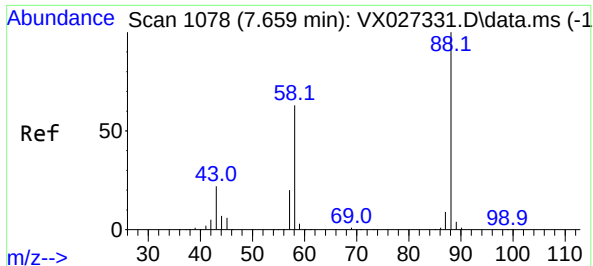
Tgt Ion: 43 Resp: 27843
Ion Ratio Lower Upper
43 100
61 20.0 18.5 27.7
87 14.3 13.0 19.6



#48
Methyl methacrylate
Concen: 1.971 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion: 41 Resp: 7379
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#

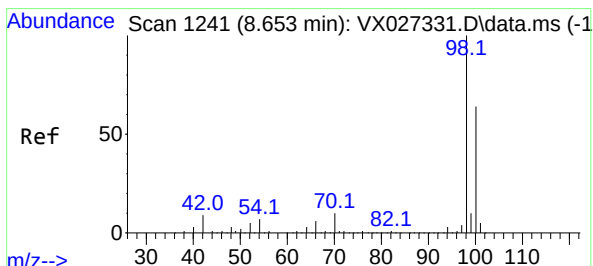
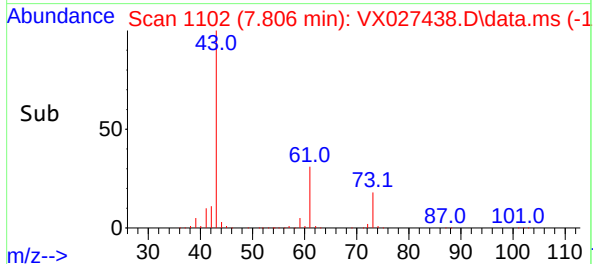
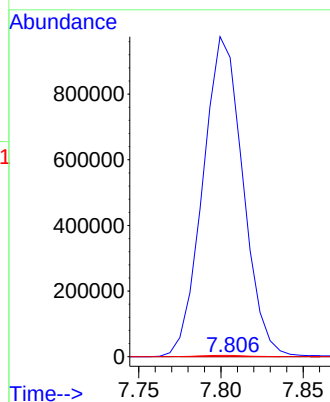
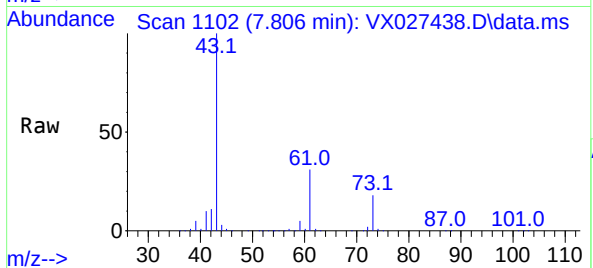




#49
1,4-Dioxane
Concen: 3.896 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.147 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

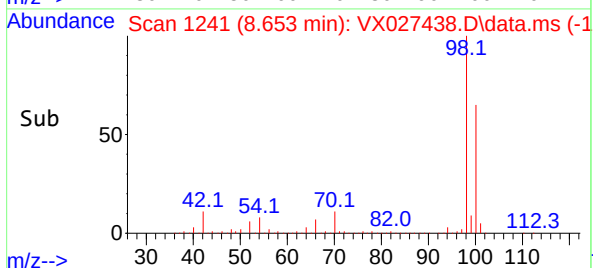
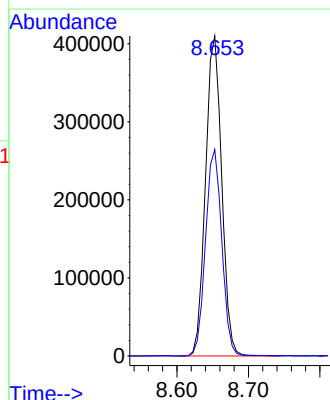
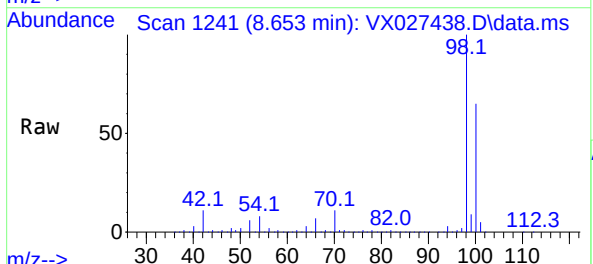
Instrument :
MSVOA_X
ClientSampleId :
PB143304TB

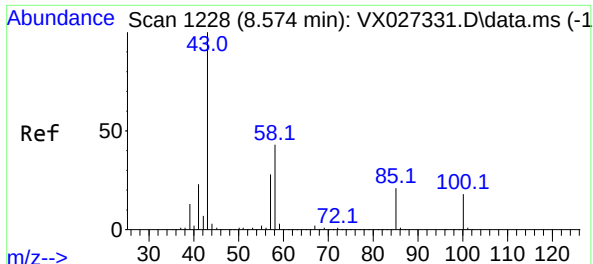
Tgt Ion: 88 Resp: 382
Ion Ratio Lower Upper
88 100
43 435224.3 21.9 32.9#
58 2026.2 53.7 80.5#



#50
Toluene-d8
Concen: 50.100 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion: 98 Resp: 645483
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 20.627 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX027438.D

Acq: 14 Mar 2022 21:53

Instrument :

MSVOA_X

ClientSampleId :

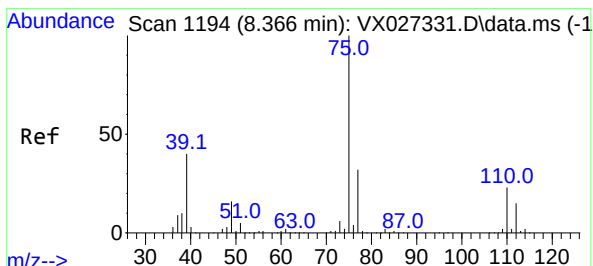
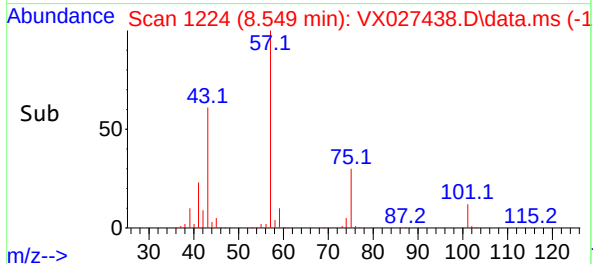
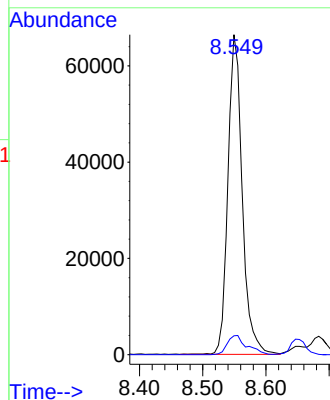
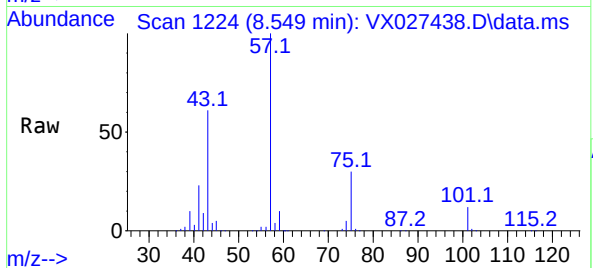
PB143304TB

Tgt Ion: 43 Resp: 103976

Ion Ratio Lower Upper

43 100

58 8.3 36.1 54.1#



#54

cis-1,3-Dichloropropene

Concen: 8.813 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX027438.D

Acq: 14 Mar 2022 21:53

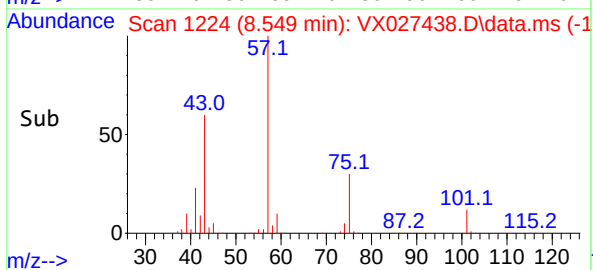
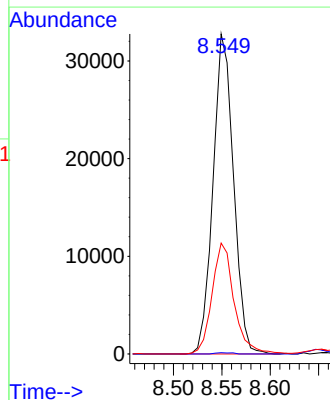
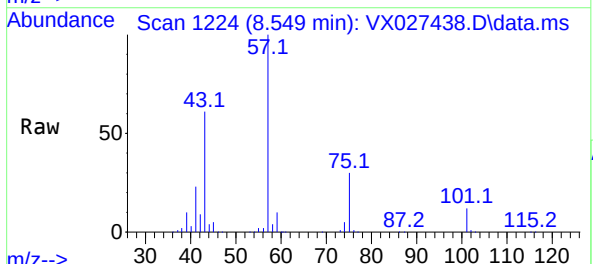
Tgt Ion: 75 Resp: 48226

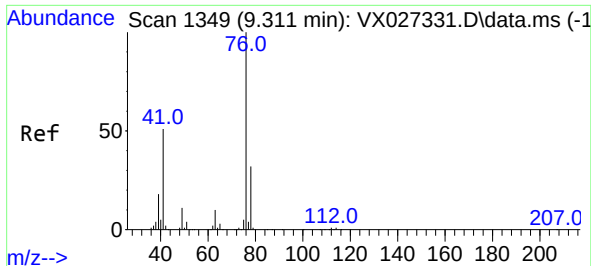
Ion Ratio Lower Upper

75 100

77 0.4 24.8 37.2#

39 34.6 29.6 44.4

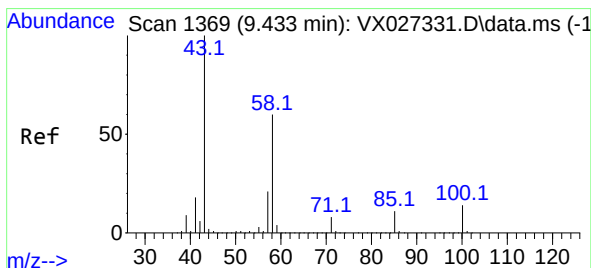
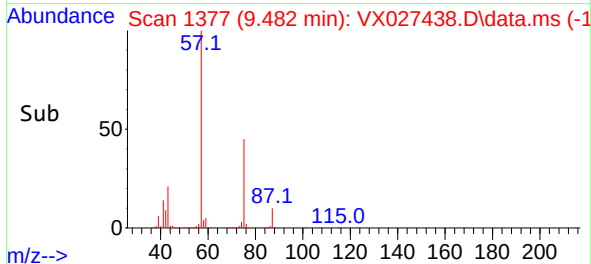
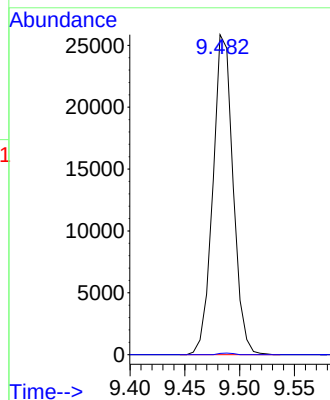
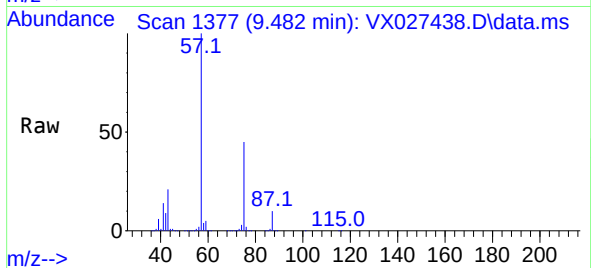




#57
1,3-Dichloropropane
Concen: 5.348 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

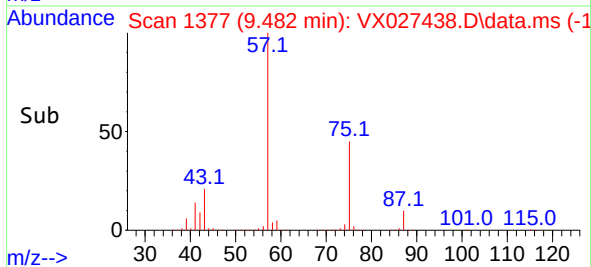
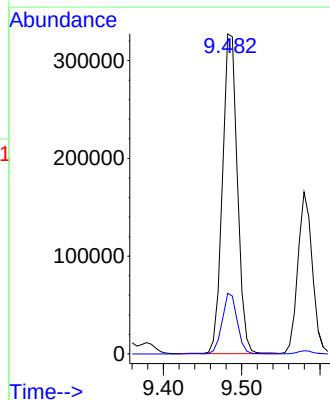
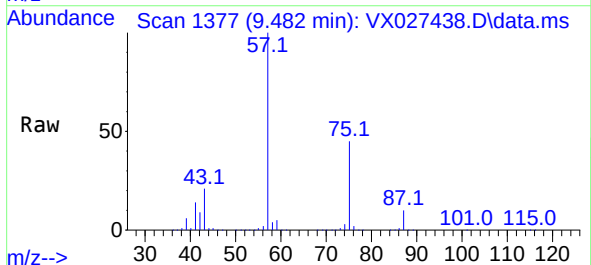
Instrument :
MSVOA_X
ClientSampleId :
PB143304TB

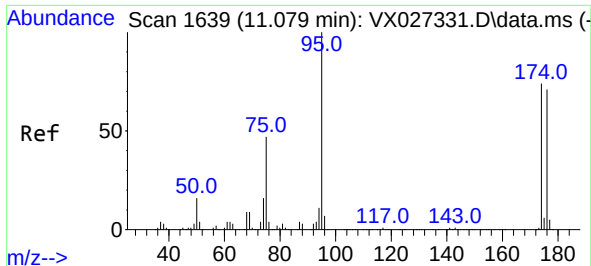
Tgt Ion: 76 Resp: 33150
Ion Ratio Lower Upper
76 100
78 0.4 25.8 38.8#



#59
2-Hexanone
Concen: 111.936 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion: 43 Resp: 435857
Ion Ratio Lower Upper
43 100
58 19.2 31.9 95.7#

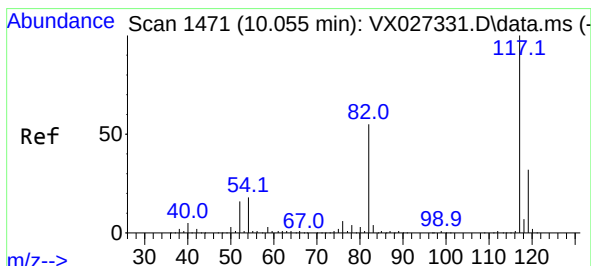
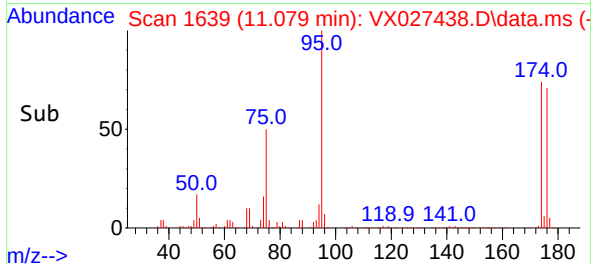
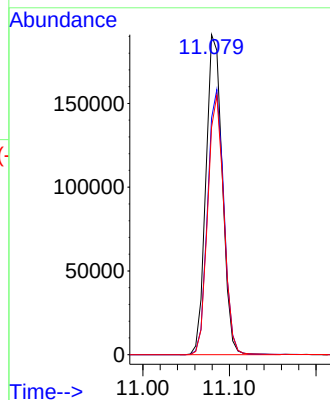
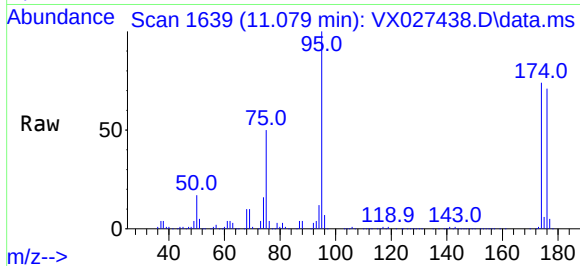




#62
4-Bromofluorobenzene
Concen: 51.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

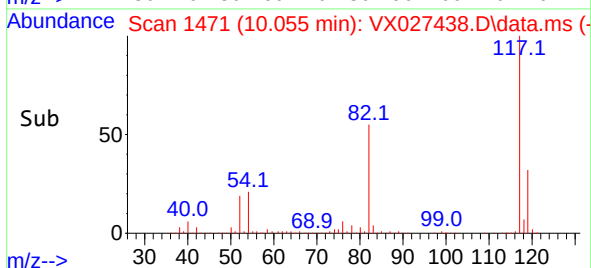
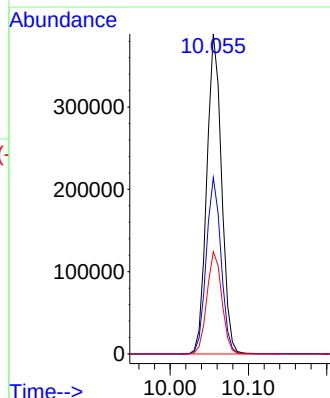
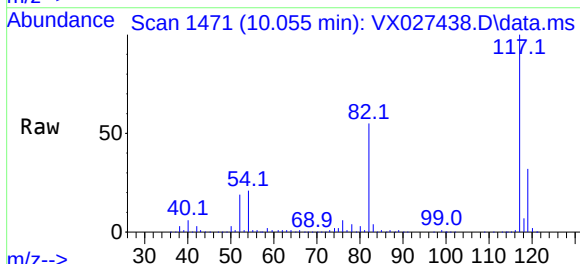
Instrument :
MSVOA_X
ClientSampleId :
PB143304TB

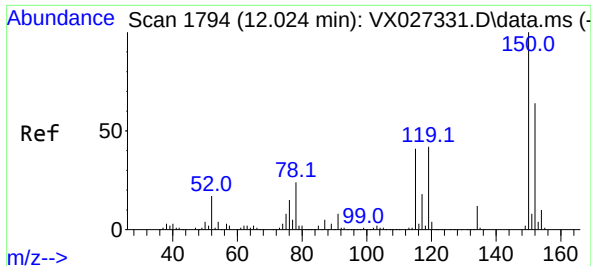
Tgt Ion: 95 Resp: 250634
Ion Ratio Lower Upper
95 100
174 82.5 0.0 163.0
176 79.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion: 117 Resp: 509048
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 31.9 24.8 37.2

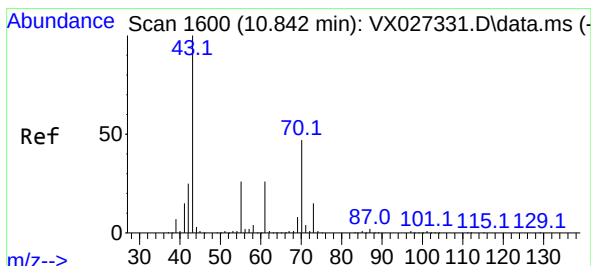
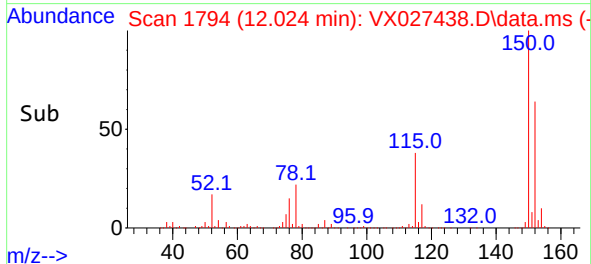
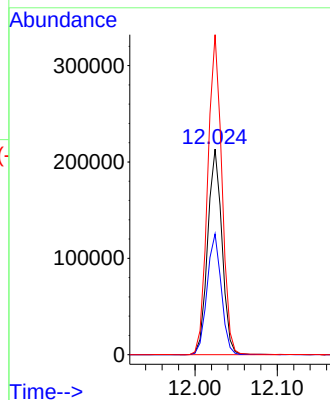
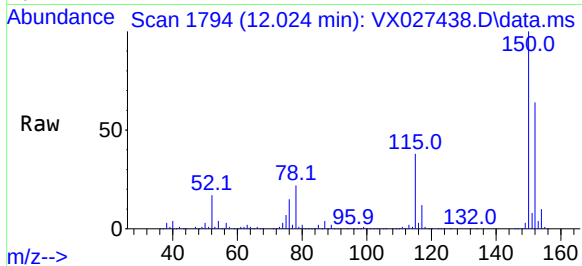




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

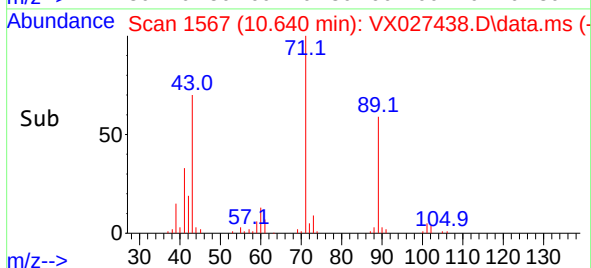
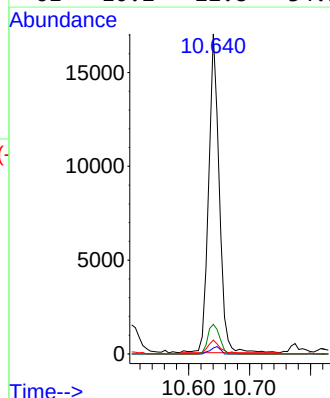
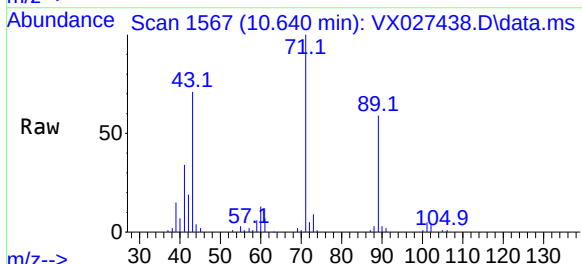
Instrument :
MSVOA_X
ClientSampleId :
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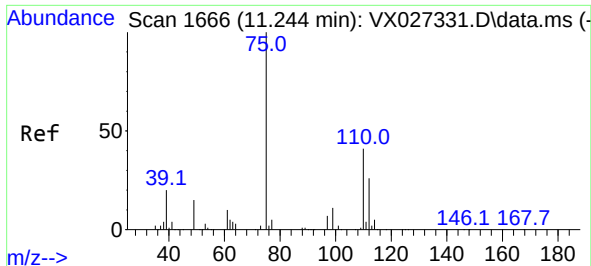
Tgt Ion:152 Resp: 257490
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 154.4 0.0 338.2



#74
N-ethyl acetate
Concen: 2.993 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.202 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion: 43 Resp: 20598
Ion Ratio Lower Upper
43 100
70 2.2 42.5 63.7#
55 5.0 23.1 34.7#
61 10.2 22.8 34.2#

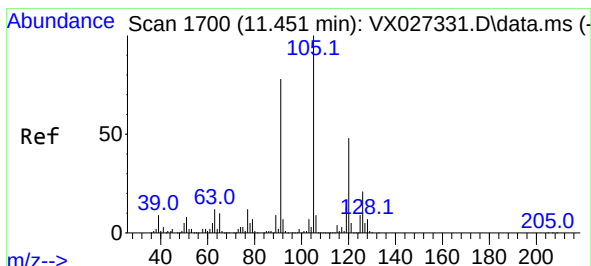
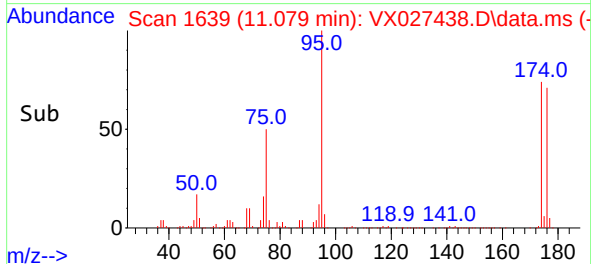
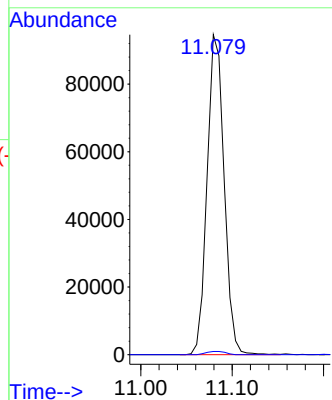
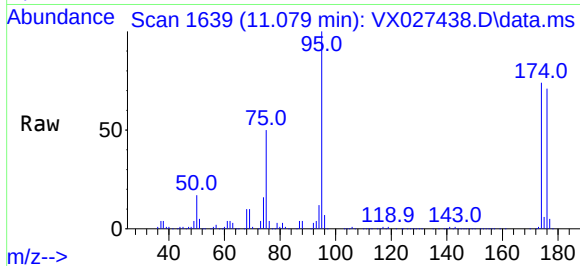




#76
1,2,3-Trichloropropane
Concen: 21.649 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.165 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

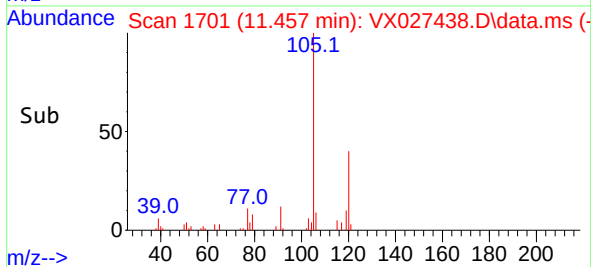
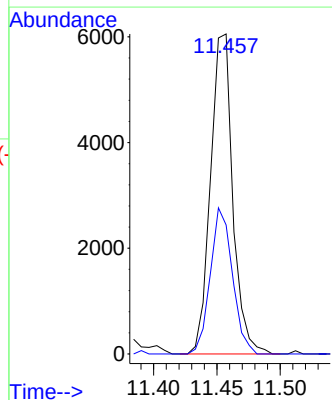
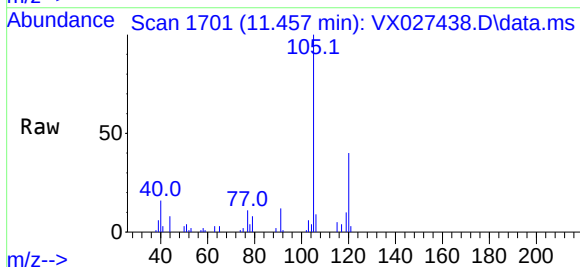
Instrument :
MSVOA_X
ClientSampleId :
PB143304TB

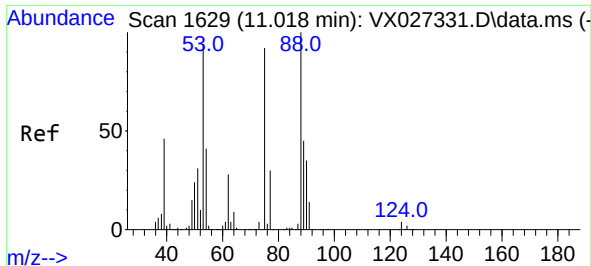
Tgt Ion: 75 Resp: 122305
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.459 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027438.D
Acq: 14 Mar 2022 21:53

Tgt Ion:105 Resp: 7408
Ion Ratio Lower Upper
105 100
120 45.4 24.3 72.9





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.016 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX027438.D
 Acq: 14 Mar 2022 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 PB143304TB

Tgt Ion: 75 Resp: 122305
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.0 103.4#
 89 0.0 37.0 55.6#

