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 Data File : VX026742.D
 Acq On : 02 Feb 2022 17:20
 Operator : JC/MD
 Sample : PB142421ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

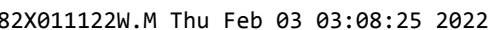
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142421ZHE#01

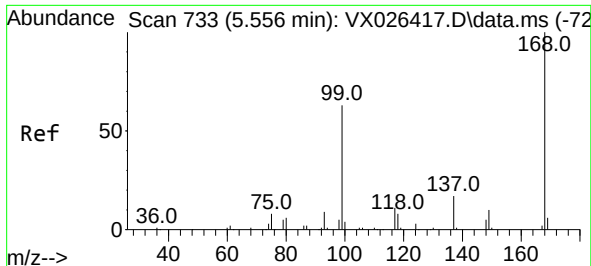
Quant Time: Feb 03 03:08:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	123696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	208535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	79074	45.762	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.520%
35) Dibromofluoromethane	5.397	113	64936	48.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	8.653	98	242119	49.893	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.780%
62) 4-Bromofluorobenzene	11.079	95	86252	50.034	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.060%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	65	4.486	ug/l #	37
11) Tert butyl alcohol	2.959	59	151	0.628	ug/l #	75
16) Acetone	2.386	43	9201	10.442	ug/l	98
18) Methyl Acetate	2.709	43	1360	0.776	ug/l #	89
20) Methylene Chloride	2.800	84	2918	2.004	ug/l	86
25) 2-Butanone	4.574	43	1741	1.519	ug/l	92
29) Tetrahydrofuran	5.019	42	155	0.228	ug/l #	34
31) Cyclohexane	5.556	56	2408	0.945	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9295	4.372	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12401	5.671	ug/l #	17
43) Isopropyl Acetate	6.348	43	19775	5.693	ug/l	99
48) Methyl methacrylate	7.799	41	103191	59.941	ug/l #	44
49) 1,4-Dioxane	7.805	88	145	5.132	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	73076	35.466	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	34216	15.249	ug/l #	56
57) 1,3-Dichloropropane	9.488	76	20103	8.246	ug/l #	43
59) 2-Hexanone	9.488	43	273443	173.395	ug/l #	51
74) N-amyl acetate	10.640	43	13887	5.537	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	42266	24.220	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	3069	0.573	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	42266	73.774	ug/l #	3

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

Quant Time: Feb 03 03:08:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
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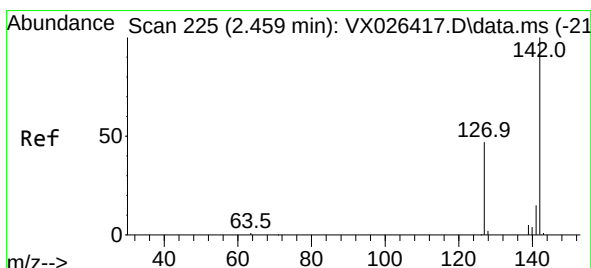
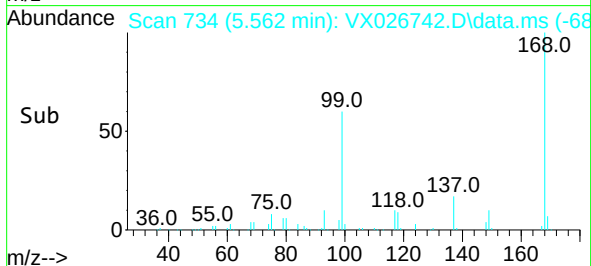
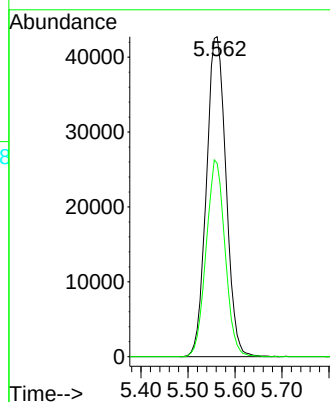
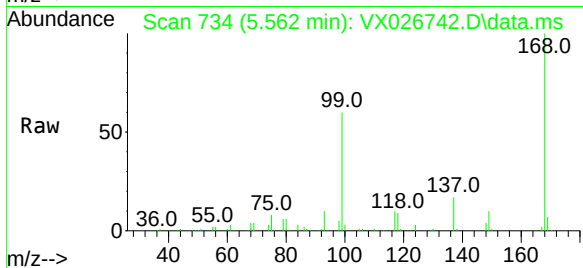




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

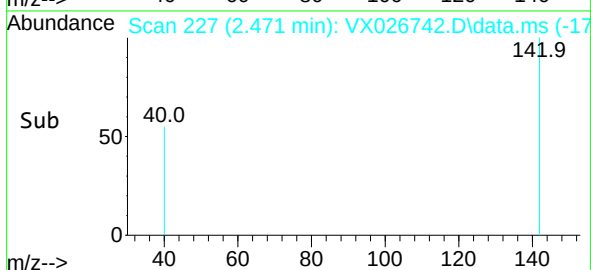
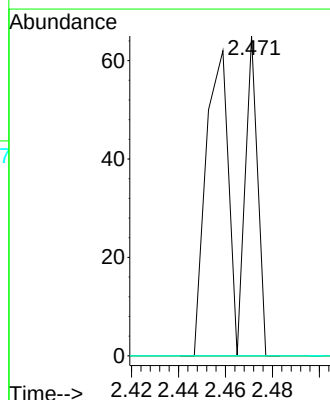
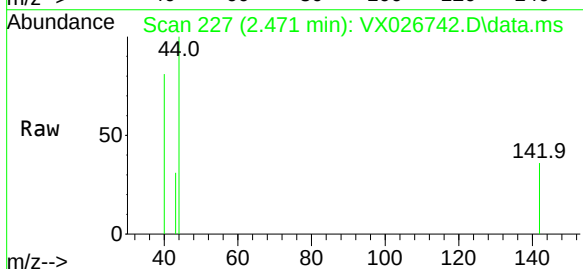
Instrument :
MSVOA_X
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PB142421ZHE#01

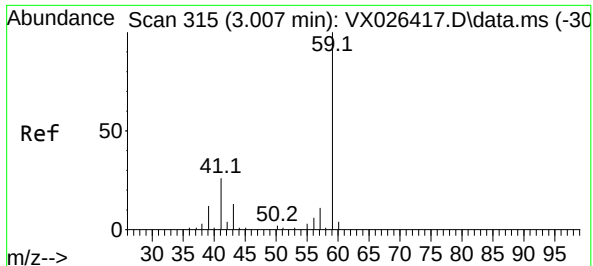
Tgt Ion:168 Resp: 123696
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#10
Methyl Iodide
Concen: 4.486 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

Tgt Ion:142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 0.628 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX026742.D

Acq: 02 Feb 2022 17:20

Instrument :

MSVOA_X

ClientSampleId :

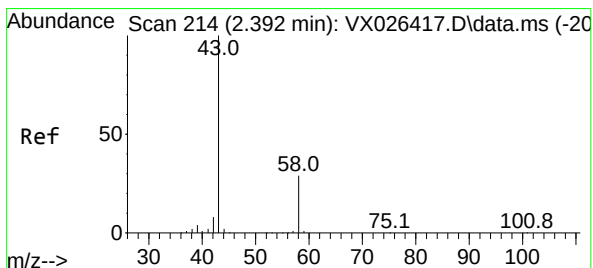
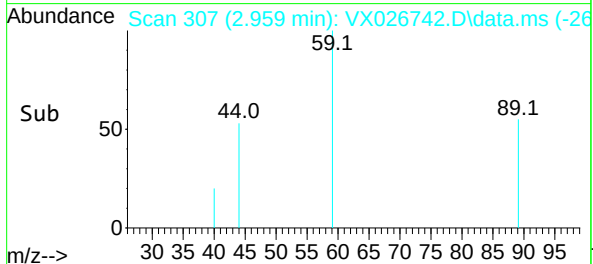
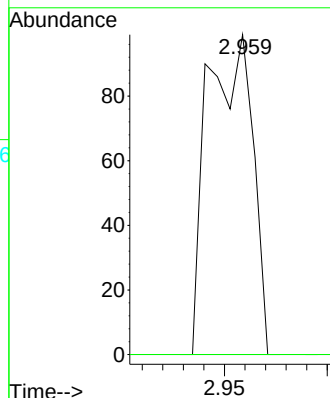
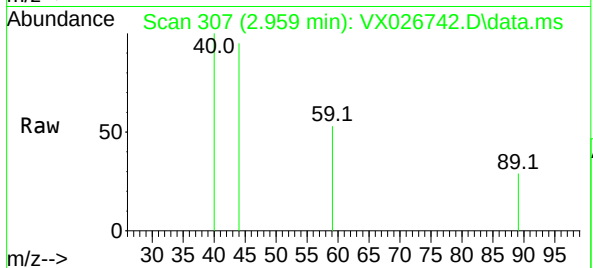
PB142421ZHE#01

Tgt Ion: 59 Resp: 151

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 10.442 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026742.D

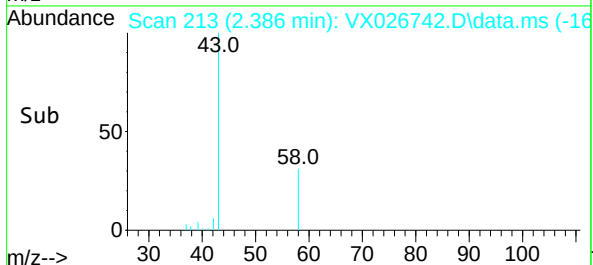
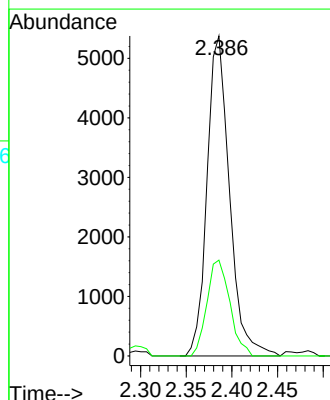
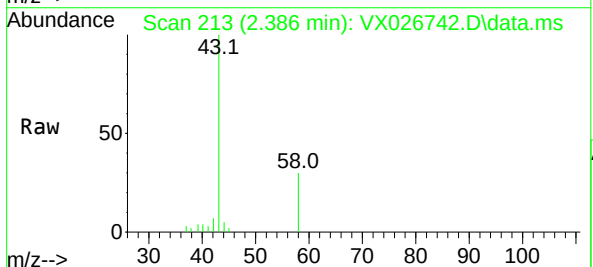
Acq: 02 Feb 2022 17:20

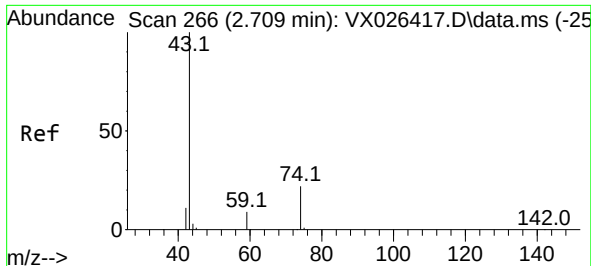
Tgt Ion: 43 Resp: 9201

Ion Ratio Lower Upper

43 100

58 29.9 23.0 34.6

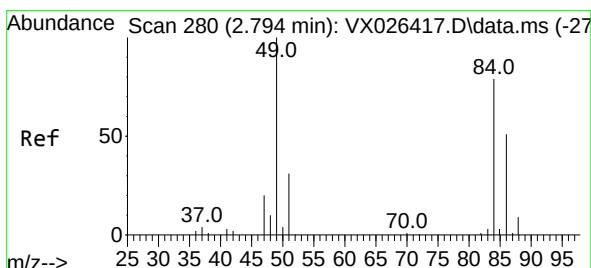
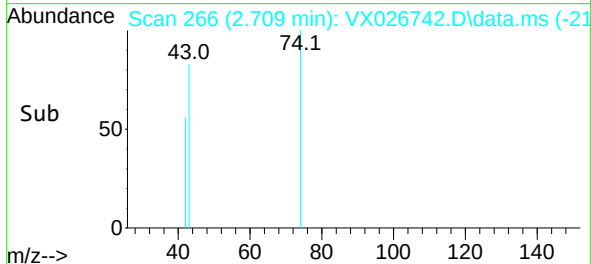
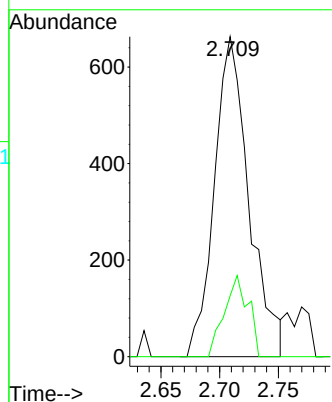
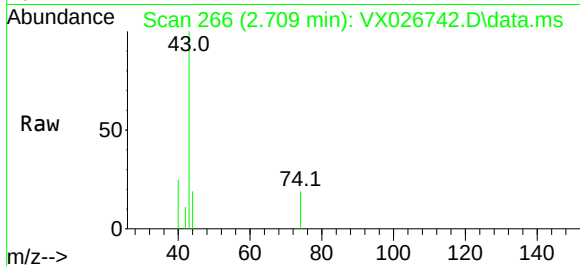




#18
Methyl Acetate
Concen: 0.776 ug/l
RT: 2.709 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

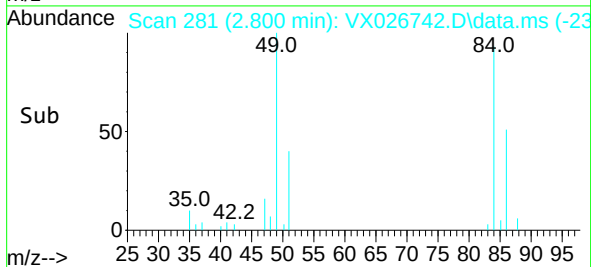
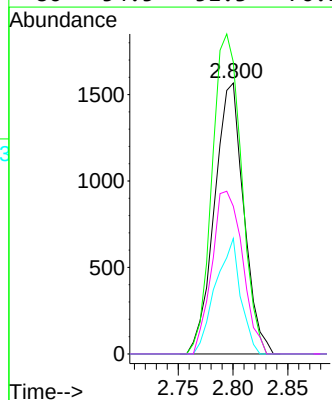
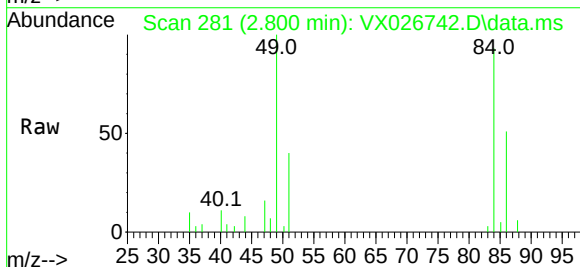
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#01

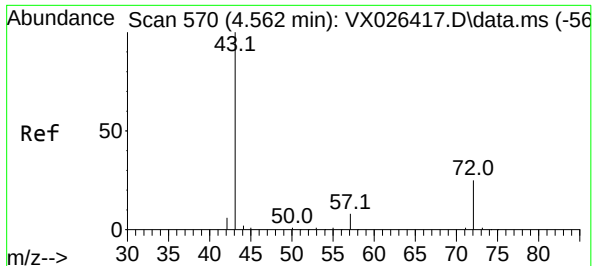
Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
74 17.4 18.3 27.5#



#20
Methylene Chloride
Concen: 2.004 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

Tgt Ion: 84 Resp: 2918
Ion Ratio Lower Upper
84 100
49 107.7 101.5 152.3
51 42.6 31.2 46.8
86 54.5 51.3 76.9





#25

2-Butanone

Concen: 1.519 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX026742.D

Acq: 02 Feb 2022 17:20

Instrument :

MSVOA_X

ClientSampleId :

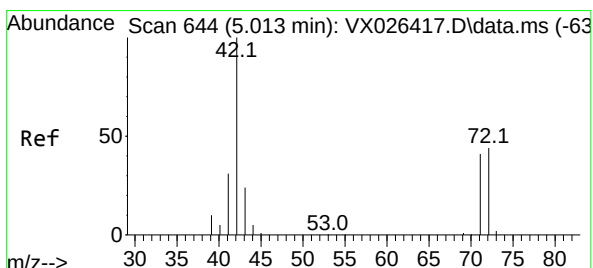
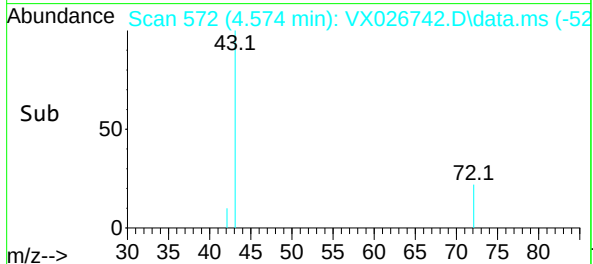
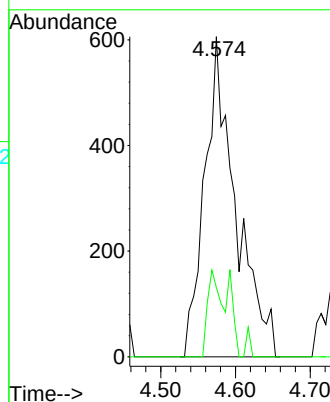
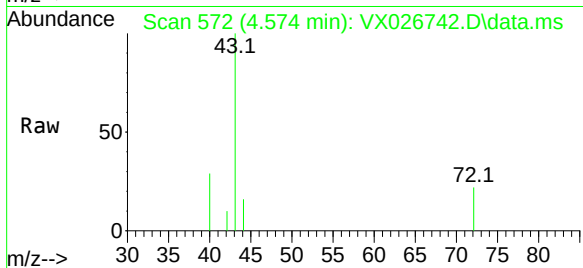
PB142421ZHE#01

Tgt Ion: 43 Resp: 1741

Ion Ratio Lower Upper

43 100

72 21.6 20.4 30.6



#29

Tetrahydrofuran

Concen: 0.228 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX026742.D

Acq: 02 Feb 2022 17:20

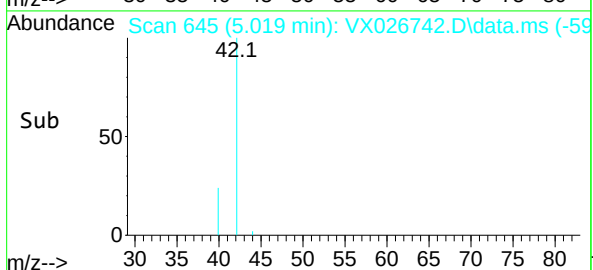
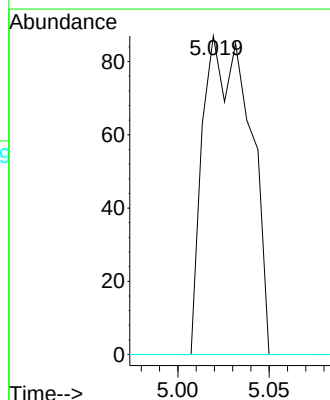
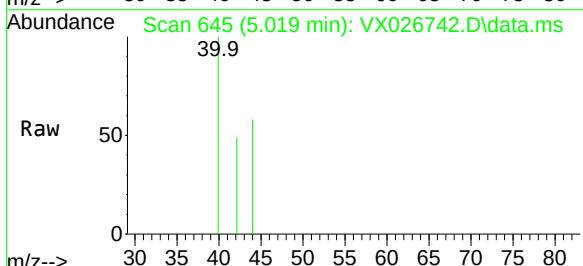
Tgt Ion: 42 Resp: 155

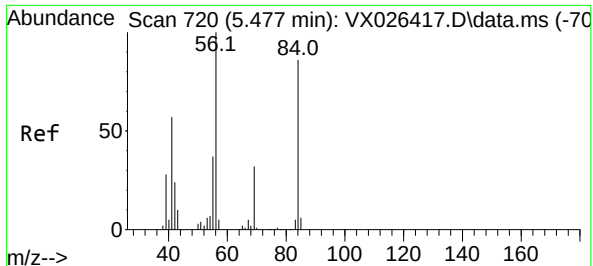
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

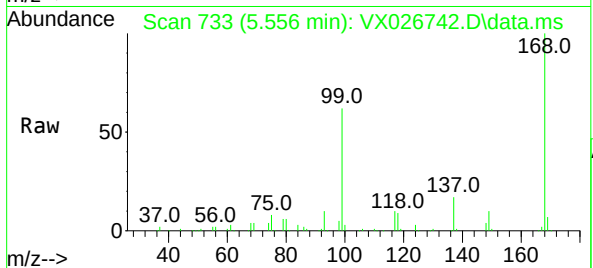
71 0.0 31.8 47.8#



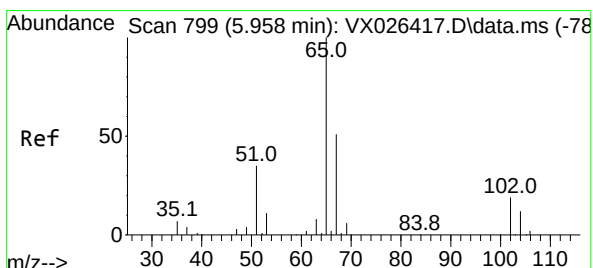
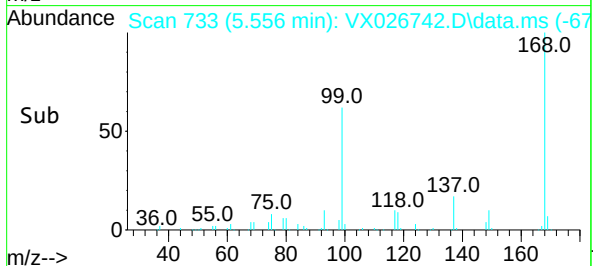
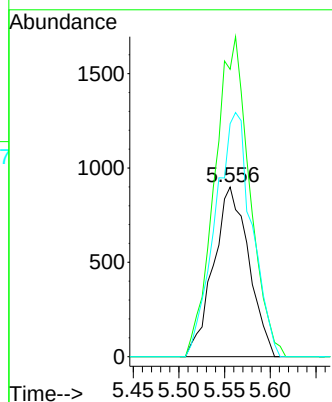


#31
Cyclohexane
Concen: 0.945 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#01

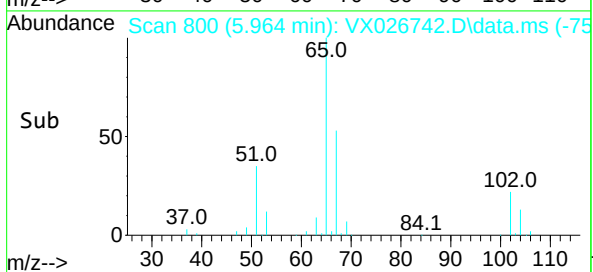
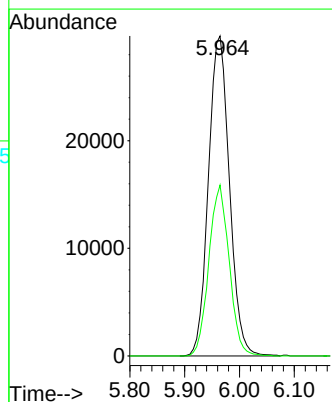
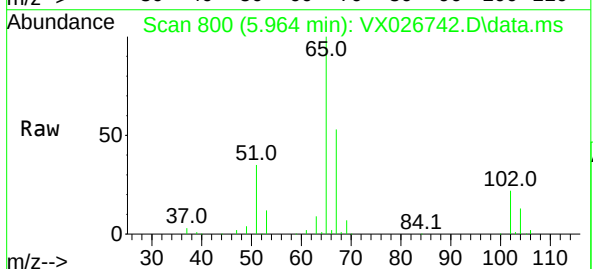


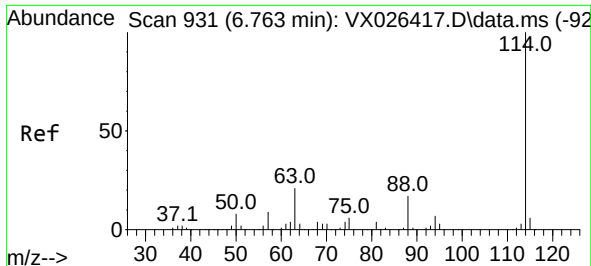
Tgt Ion: 56 Resp: 2408
Ion Ratio Lower Upper
56 100
69 169.4 25.8 38.6#
84 137.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.762 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

Tgt Ion: 65 Resp: 79074
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

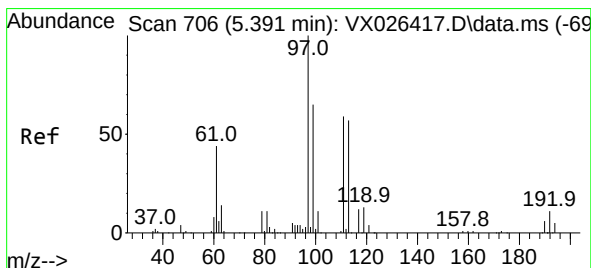
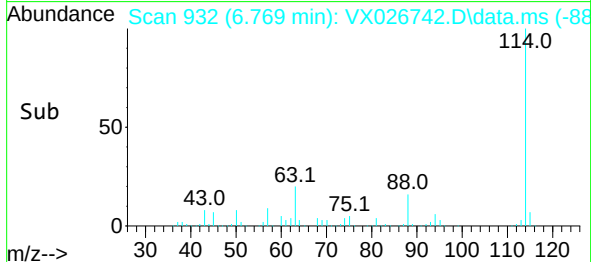
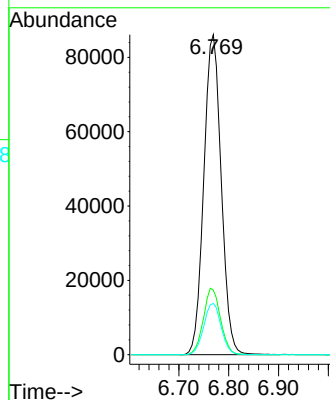
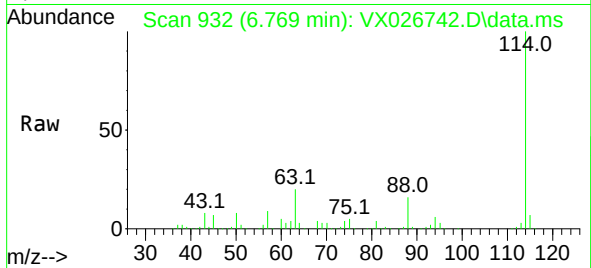




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

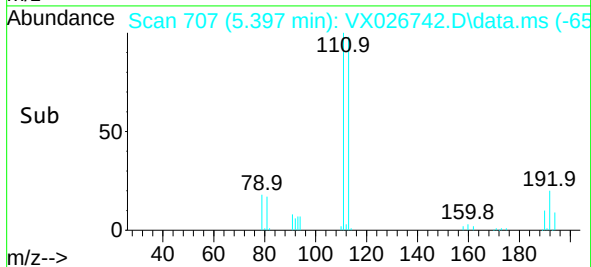
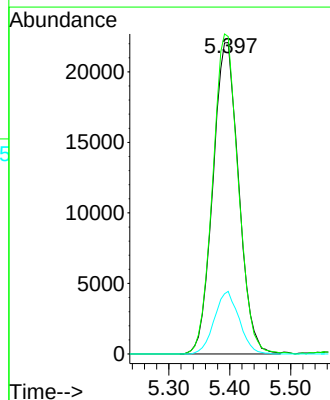
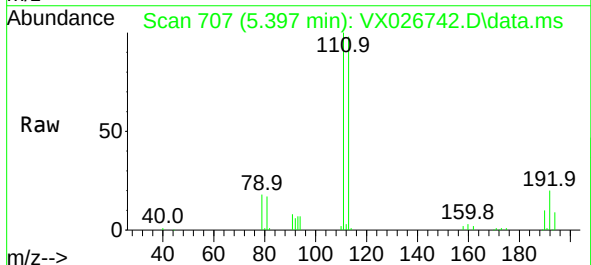
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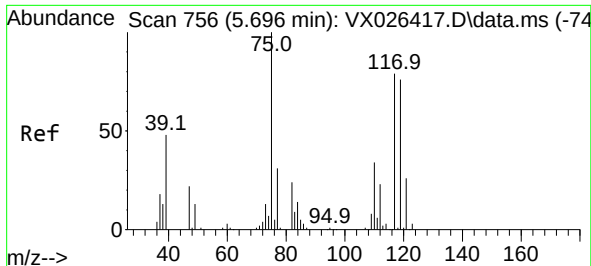
Tgt Ion:114 Resp: 208535
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.220 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

Tgt Ion:113 Resp: 64936
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 19.3 15.0 22.4

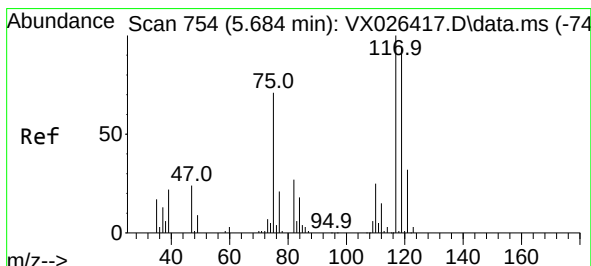
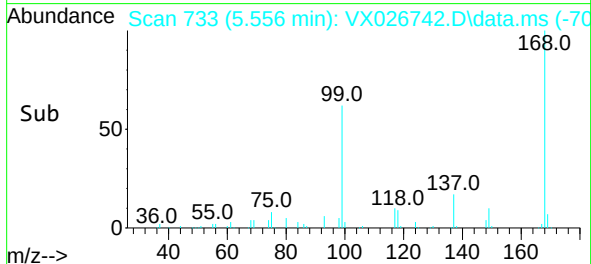
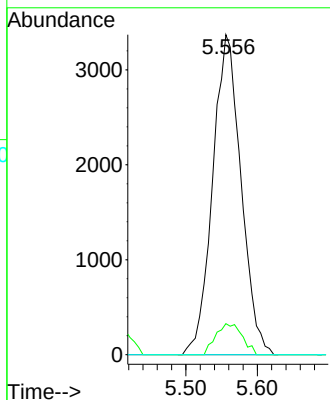
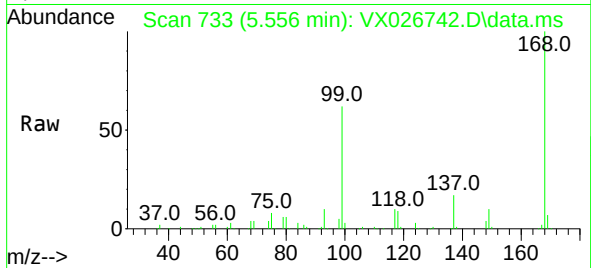




#36
1,1-Dichloropropene
Concen: 4.372 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

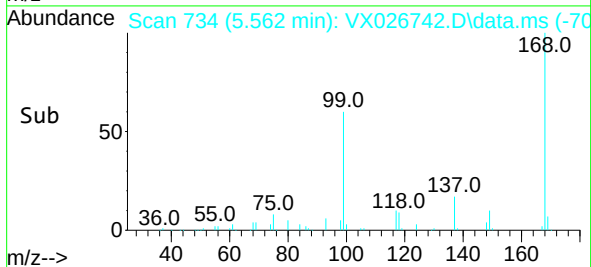
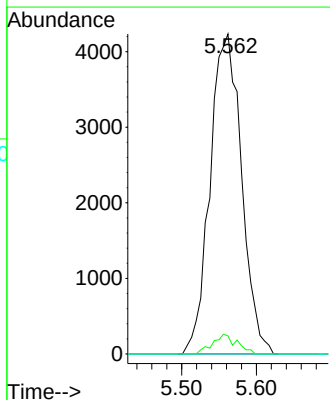
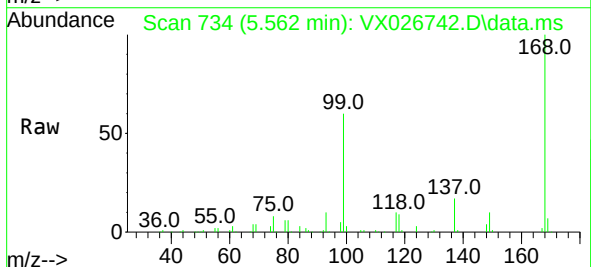
Instrument :
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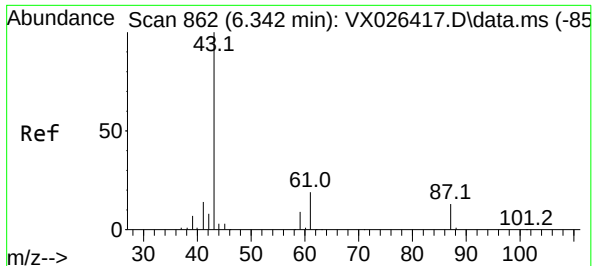
Tgt Ion: 75 Resp: 9295
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.671 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

Tgt Ion: 117 Resp: 12401
Ion Ratio Lower Upper
117 100
119 5.7 74.7 112.1#
121 0.0 25.4 38.0#

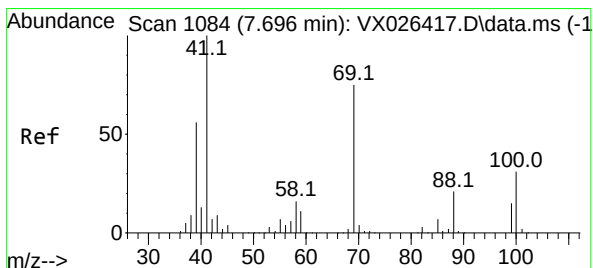
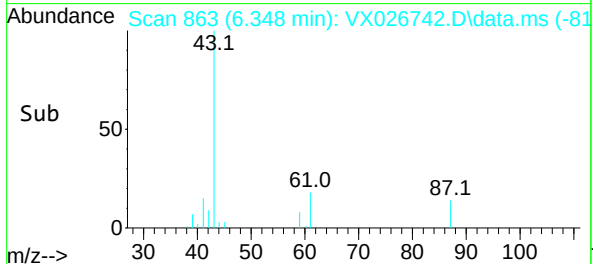
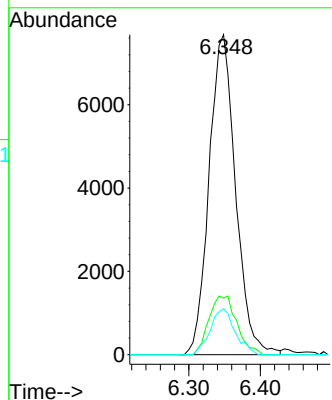
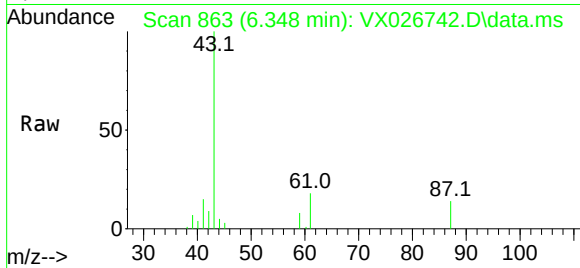




#43
Isopropyl Acetate
Concen: 5.693 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

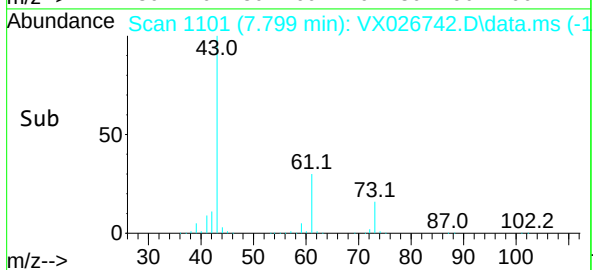
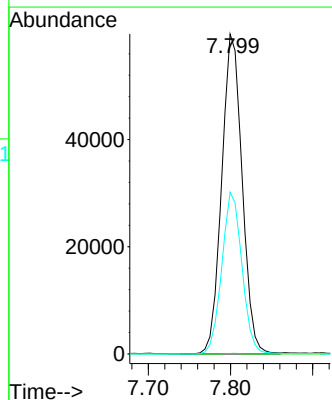
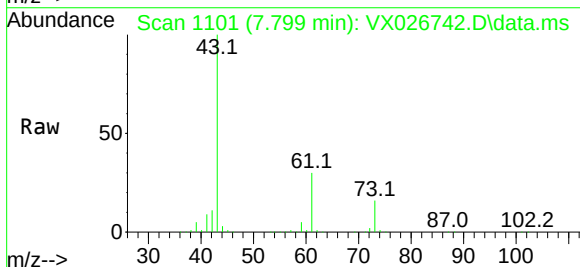
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#01

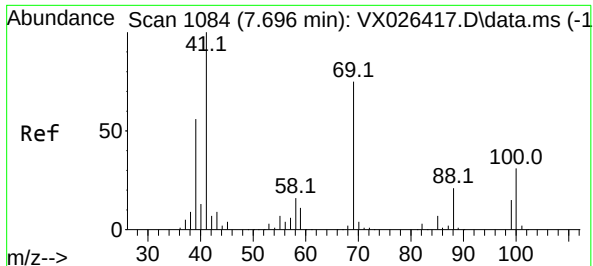
Tgt Ion: 43 Resp: 19775
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 13.6 10.2 15.2



#48
Methyl methacrylate
Concen: 59.941 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

Tgt Ion: 41 Resp: 103191
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 50.0 45.4 68.0





#49

1,4-Dioxane

Concen: 5.132 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX026742.D

Acq: 02 Feb 2022 17:20

Instrument :

MSVOA_X

ClientSampleId :

PB142421ZHE#01

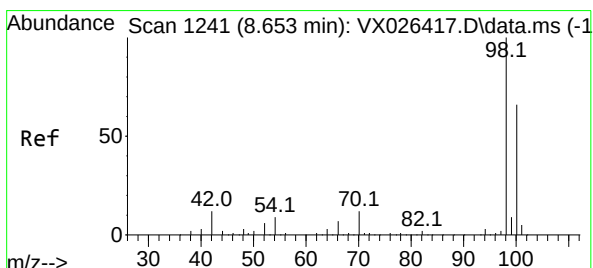
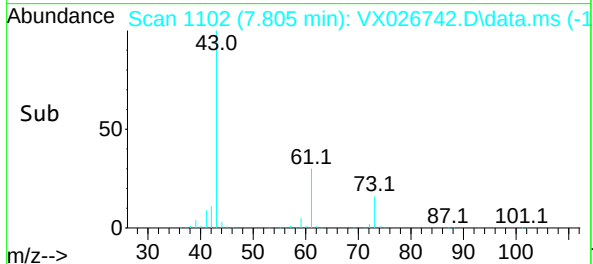
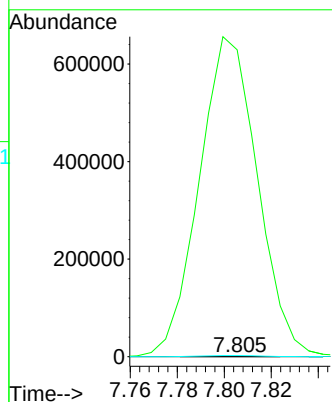
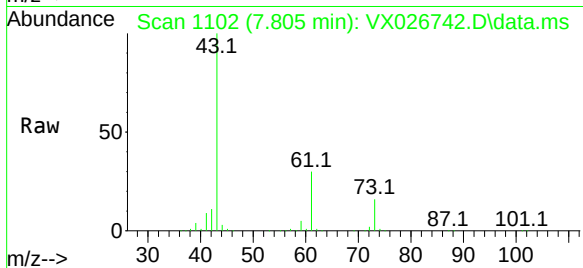
Tgt Ion: 88 Resp: 145

Ion Ratio Lower Upper

88 100

43 785574.5 29.9 44.9#

58 2902.8 57.8 86.6#



#50

Toluene-d8

Concen: 49.893 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026742.D

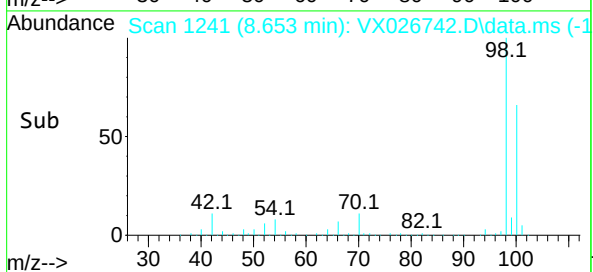
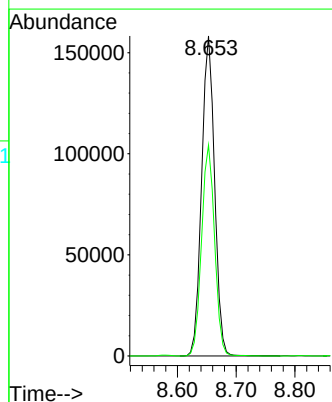
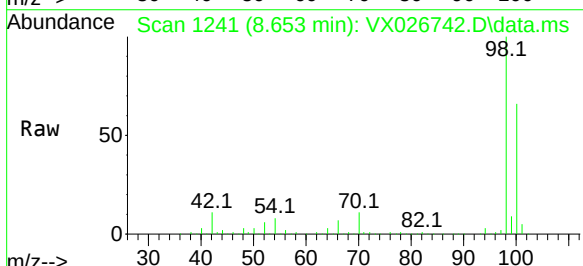
Acq: 02 Feb 2022 17:20

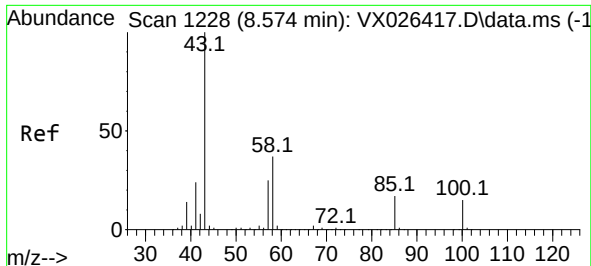
Tgt Ion: 98 Resp: 242119

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8

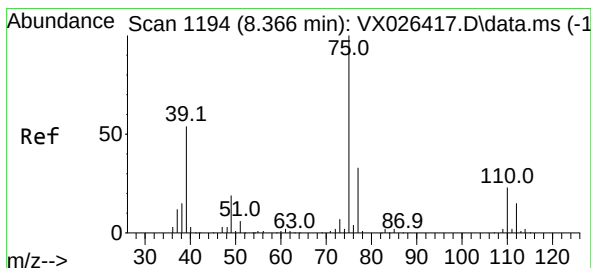
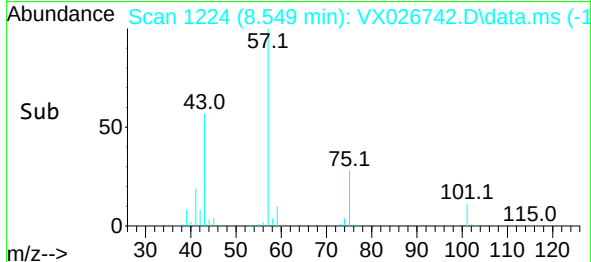
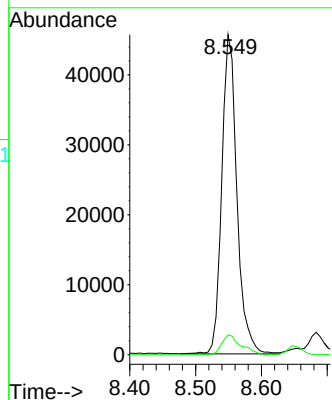
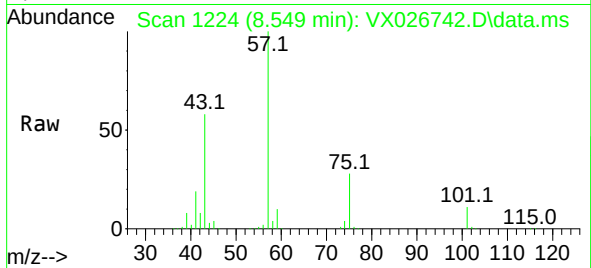




#51
4-Methyl-2-Pentanone
Concen: 35.466 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

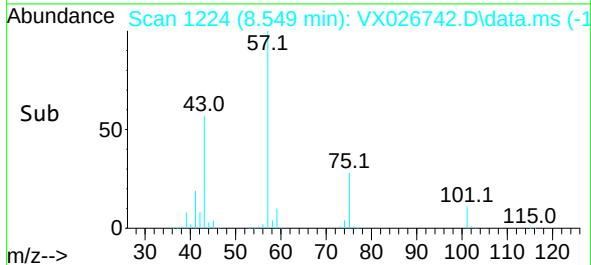
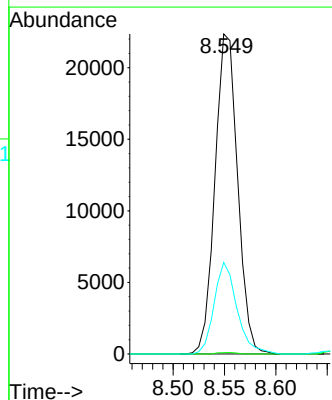
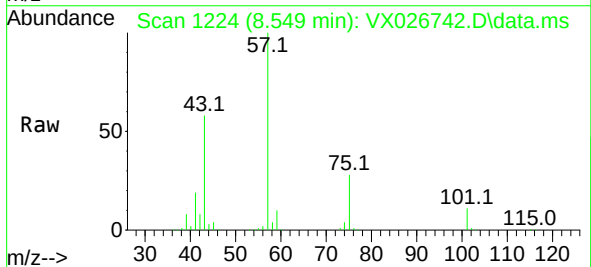
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#01

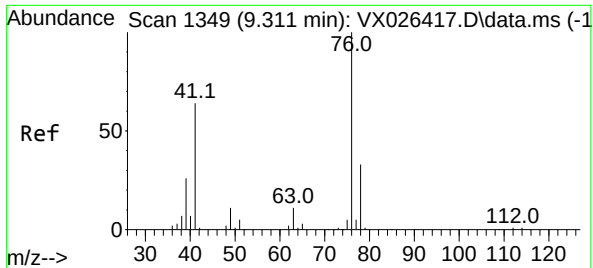
Tgt Ion: 43 Resp: 73076
Ion Ratio Lower Upper
43 100
58 7.8 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 15.249 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

Tgt Ion: 75 Resp: 34216
Ion Ratio Lower Upper
75 100
77 0.4 26.2 39.2#
39 28.6 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 8.246 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX026742.D

Acq: 02 Feb 2022 17:20

Instrument :

MSVOA_X

ClientSampleId :

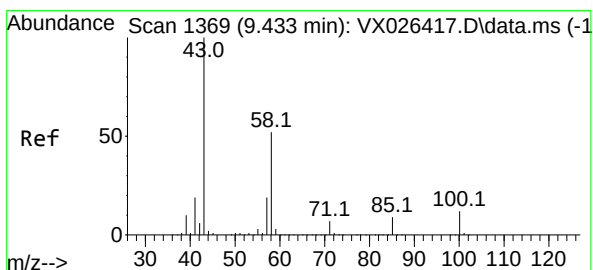
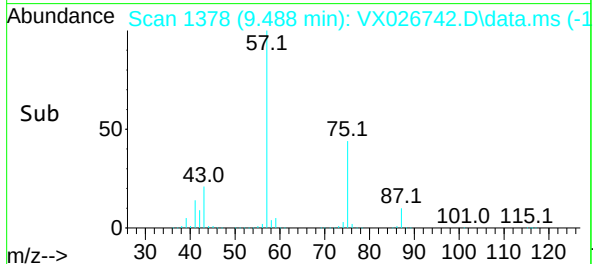
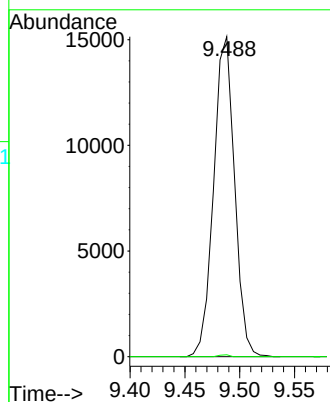
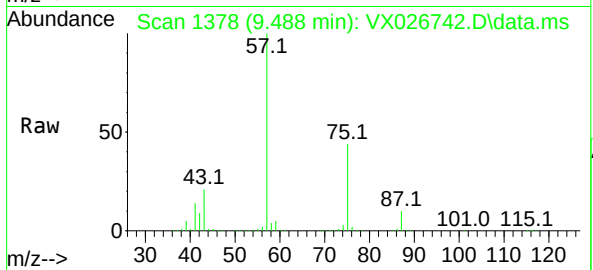
PB142421ZHE#01

Tgt Ion: 76 Resp: 20103

Ion Ratio Lower Upper

76 100

78 0.3 25.7 38.5#



#59

2-Hexanone

Concen: 173.395 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026742.D

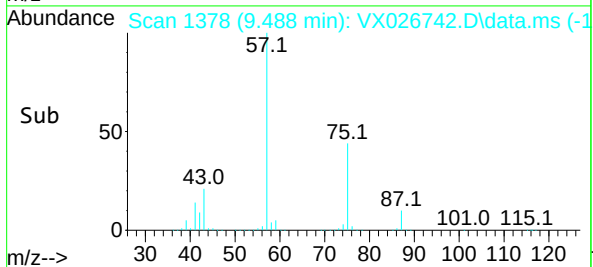
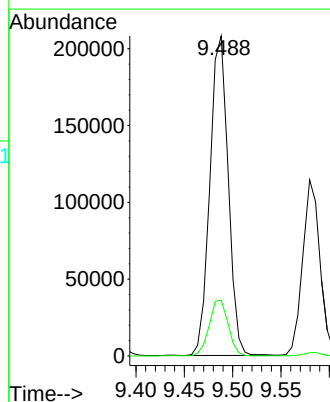
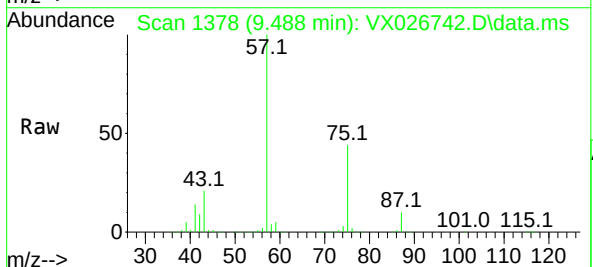
Acq: 02 Feb 2022 17:20

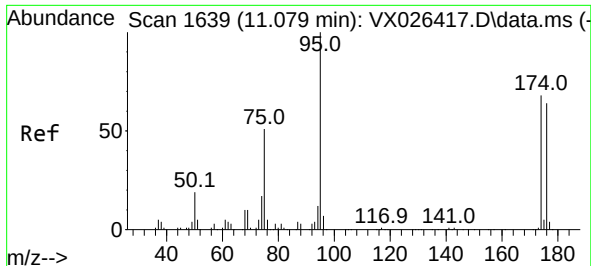
Tgt Ion: 43 Resp: 273443

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#

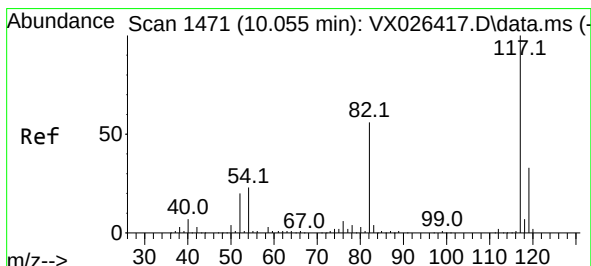
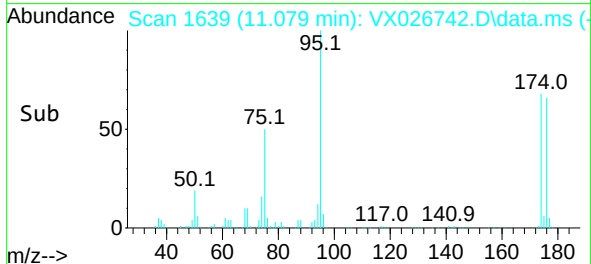
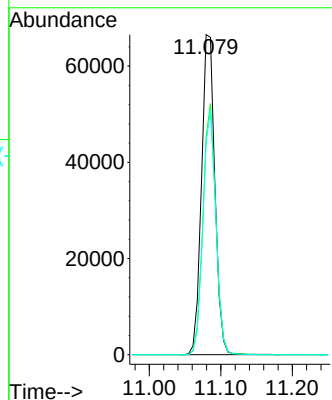
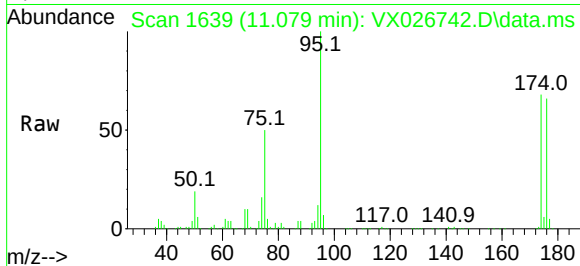




#62
4-Bromofluorobenzene
Concen: 50.034 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

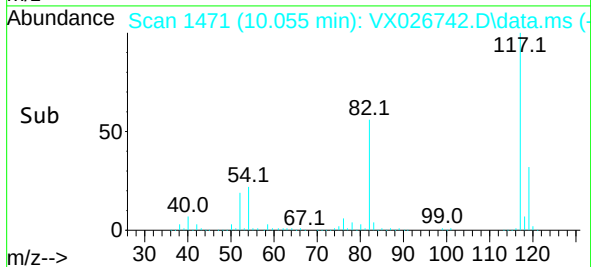
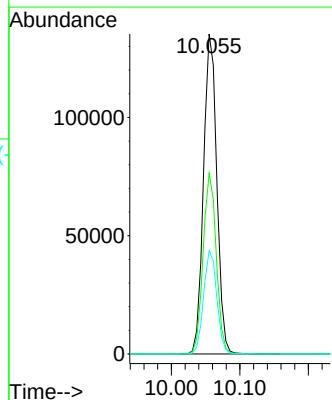
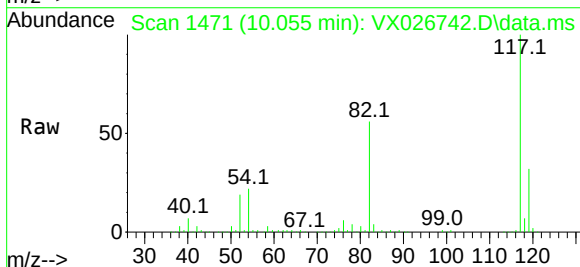
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#01

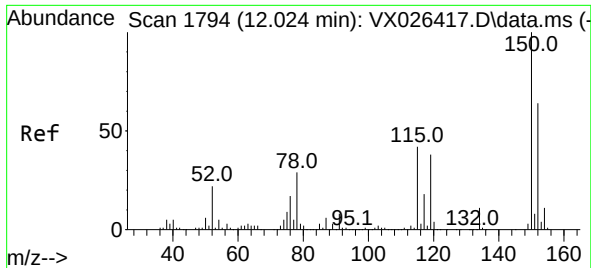
Tgt Ion: 95 Resp: 86252
Ion Ratio Lower Upper
95 100
174 75.6 0.0 148.6
176 73.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

Tgt Ion: 117 Resp: 182879
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.3 26.2 39.2

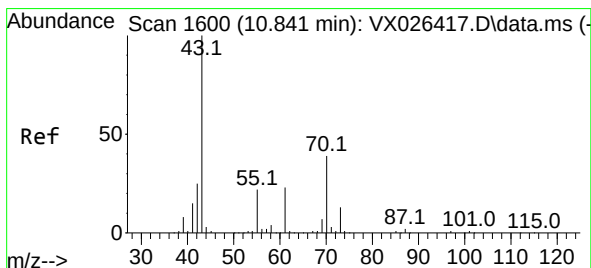
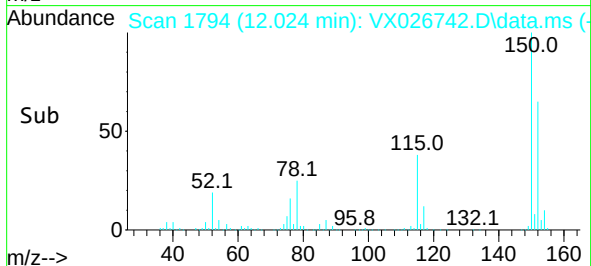
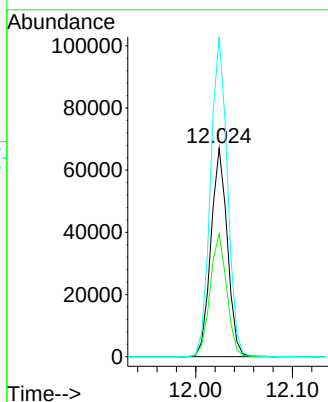
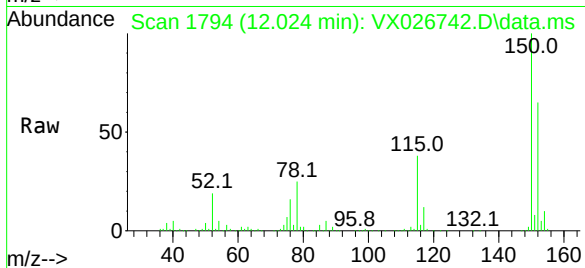




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

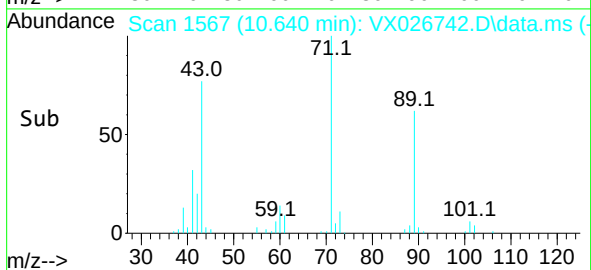
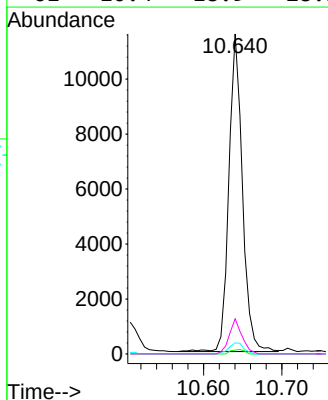
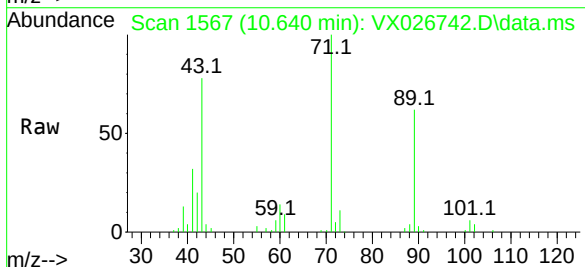
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#01

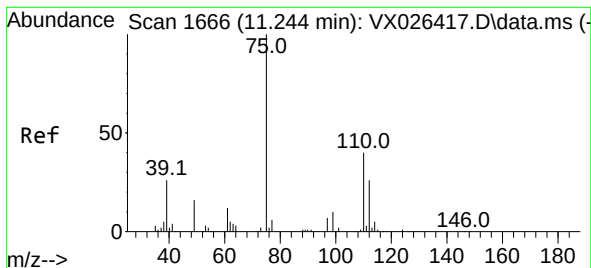
Tgt Ion:152 Resp: 79259
Ion Ratio Lower Upper
152 100
115 59.7 44.2 132.6
150 157.4 0.0 348.2



#74
N-ethyl acetate
Concen: 5.537 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX026742.D
Acq: 02 Feb 2022 17:20

Tgt Ion: 43 Resp: 13887
Ion Ratio Lower Upper
43 100
70 1.4 32.9 49.3#
55 3.9 18.3 27.5#
61 10.4 18.9 28.3#





#76

1,2,3-Trichloropropane

Concen: 24.220 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX026742.D

Acq: 02 Feb 2022 17:20

Instrument :

MSVOA_X

ClientSampleId :

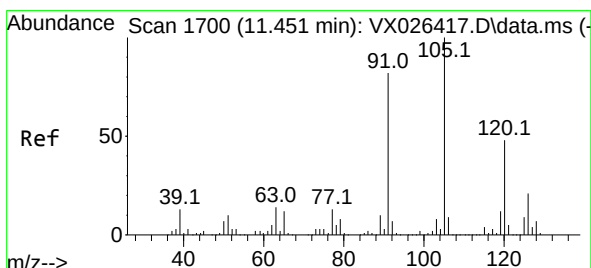
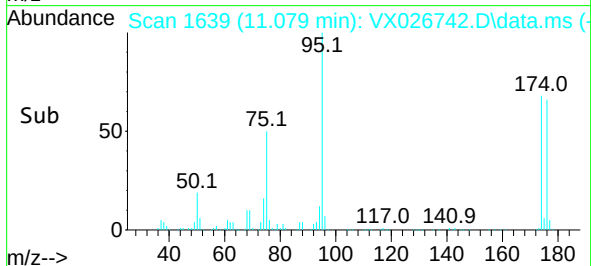
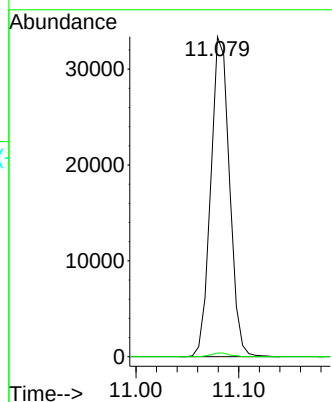
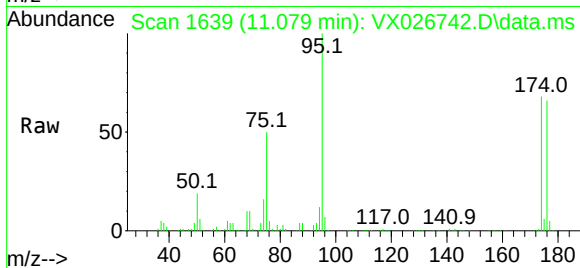
PB142421ZHE#01

Tgt Ion: 75 Resp: 42266

Ion Ratio Lower Upper

75 100

77 1.2 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.573 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026742.D

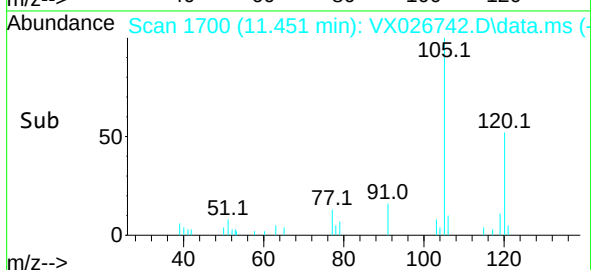
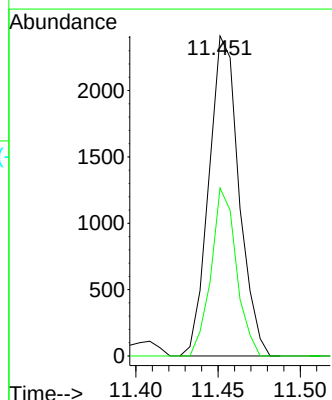
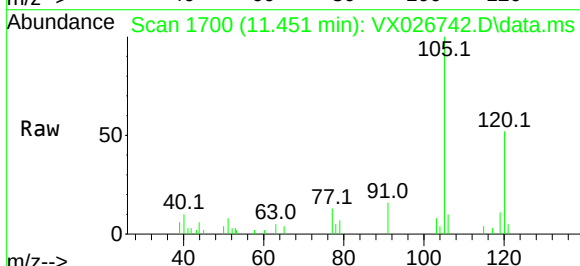
Acq: 02 Feb 2022 17:20

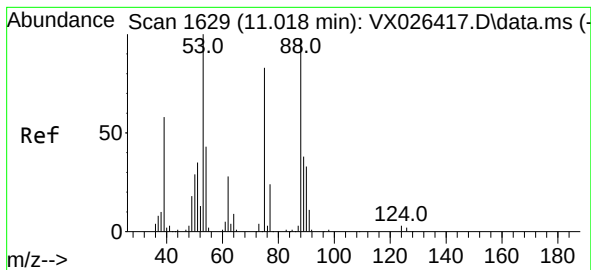
Tgt Ion: 105 Resp: 3069

Ion Ratio Lower Upper

105 100

120 43.9 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.774 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026742.D
 Acq: 02 Feb 2022 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142421ZHE#01

Tgt Ion: 75 Resp: 42266
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

