

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011722\
 Data File : VX026490.D
 Acq On : 17 Jan 2022 15:16
 Operator : JC/MD
 Sample : PB142056TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142056TB

Quant Time: Jan 18 00:41:34 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)

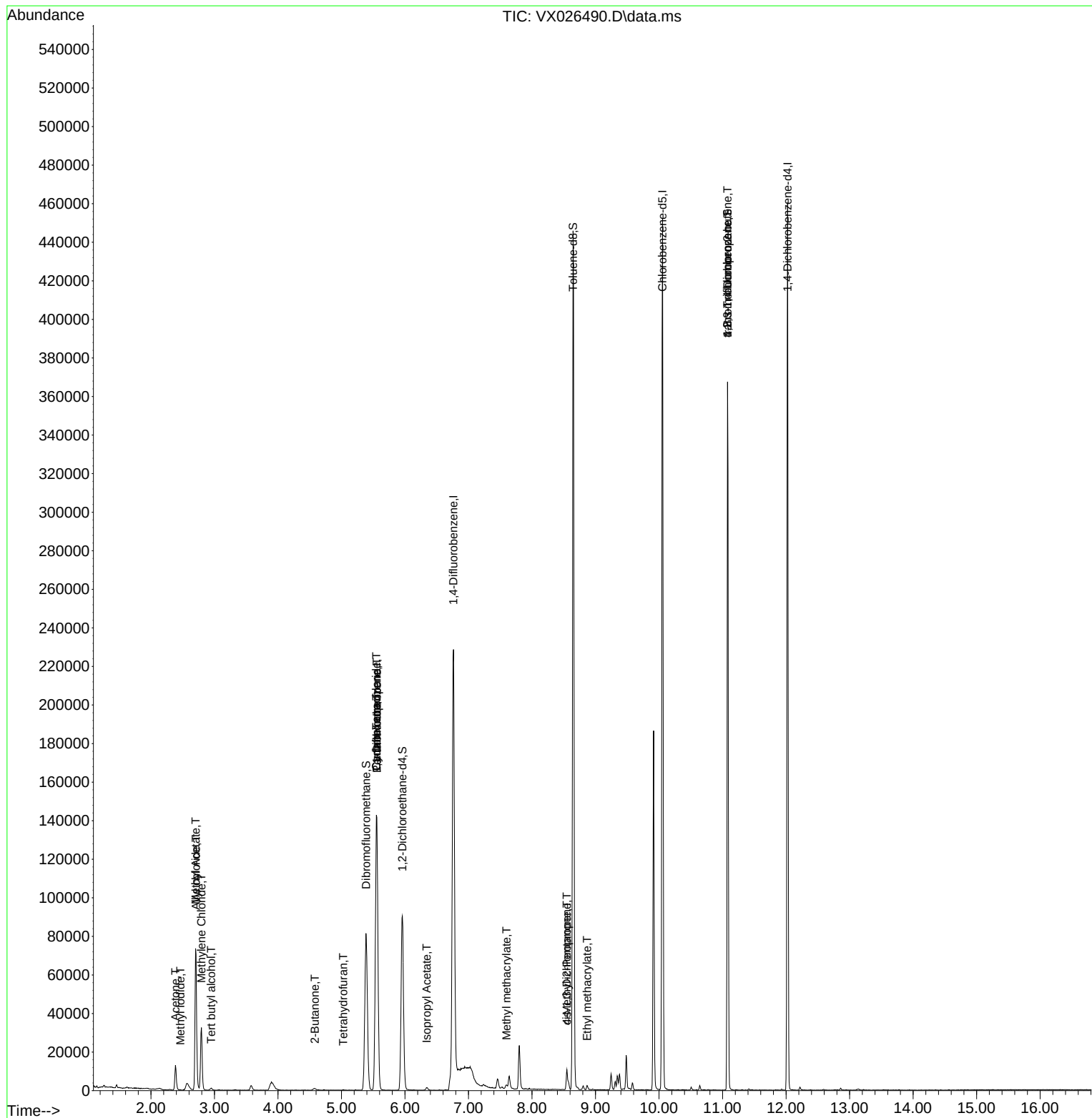
Internal Standards						
1) Pentafluorobenzene	5.556	168	131151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91166	49.761	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.520%		
35) Dibromofluoromethane	5.385	113	70328	49.004	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.000%		
50) Toluene-d8	8.647	98	259321	50.142	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.280%		
62) 4-Bromofluorobenzene	11.079	95	98296	53.504	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.000%		
Target Compounds						Qvalue
10) Methyl Iodide	2.465	142	79	4.492	ug/l #	37
11) Tert butyl alcohol	2.946	59	761	2.986	ug/l #	75
14) Allyl chloride	2.709	41	1249	0.496	ug/l #	26
16) Acetone	2.386	43	14210	15.209	ug/l	95
18) Methyl Acetate	2.703	43	88133	47.449	ug/l	99
20) Methylene Chloride	2.794	84	14238	9.224	ug/l	98
25) 2-Butanone	4.580	43	1402	1.154	ug/l	100
29) Tetrahydrofuran	5.025	42	269	0.373	ug/l #	34
31) Cyclohexane	5.550	56	2619	0.969	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10805	4.769	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13764	5.906	ug/l #	17
43) Isopropyl Acetate	6.342	43	1845	0.498	ug/l #	92
48) Methyl methacrylate	7.598	41	3541	1.930	ug/l #	24
51) 4-Methyl-2-Pentanone	8.549	43	5605	2.553	ug/l #	37
54) cis-1,3-Dichloropropene	8.549	75	1576	0.659	ug/l #	63
56) Ethyl methacrylate	8.866	69	1442	0.628	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	50526	25.587	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	50526	77.658	ug/l #	3

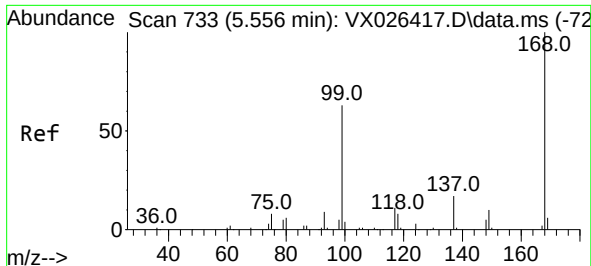
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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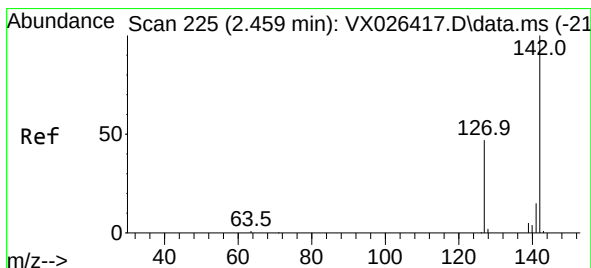
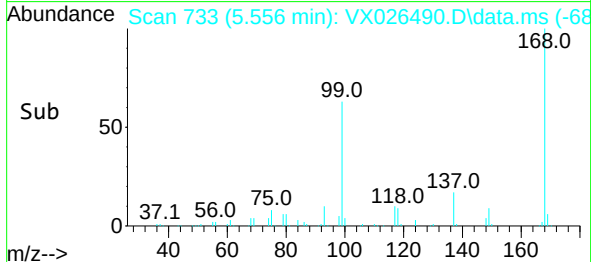
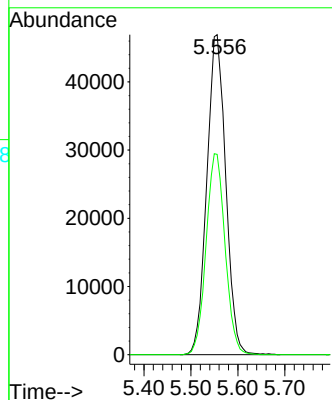
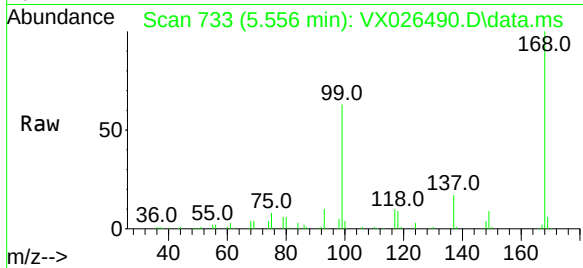




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

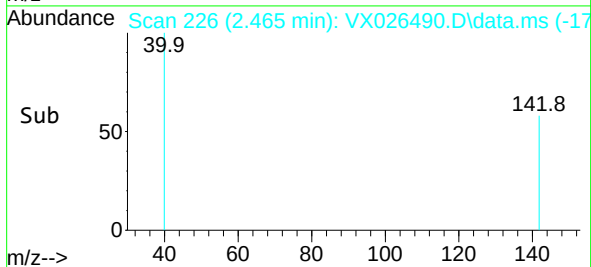
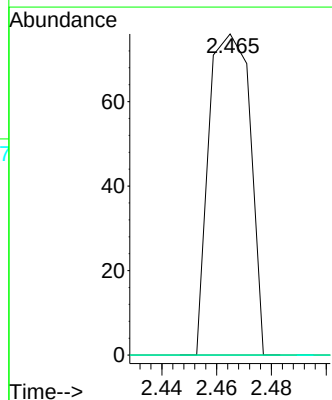
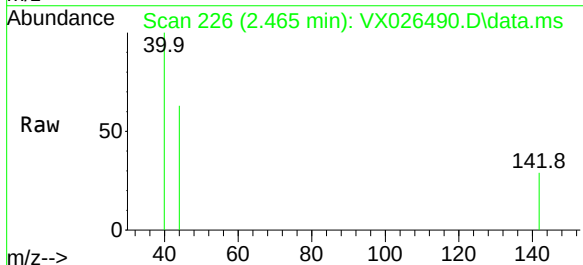
Instrument :
MSVOA_X
ClientSampleId :
PB142056TB

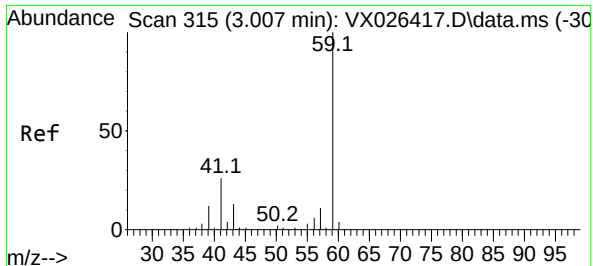
Tgt Ion:168 Resp: 131151
Ion Ratio Lower Upper
168 100
99 62.6 50.3 75.5



#10
Methyl Iodide
Concen: 4.492 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

Tgt Ion:142 Resp: 79
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: 2.986 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX026490.D

Acq: 17 Jan 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

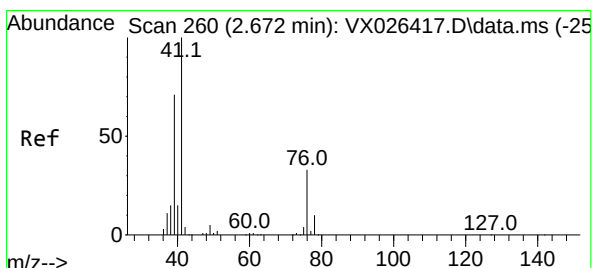
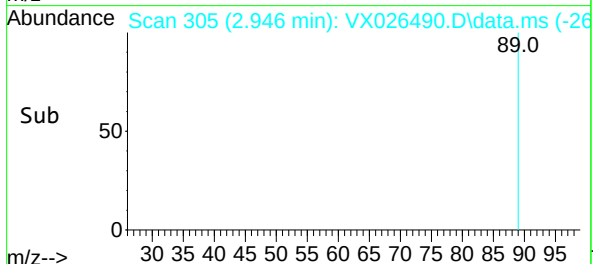
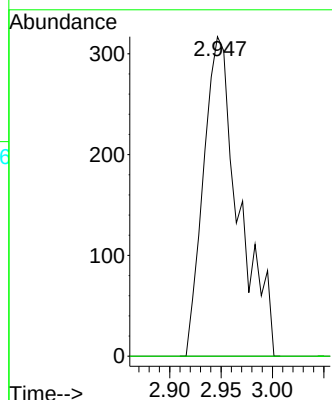
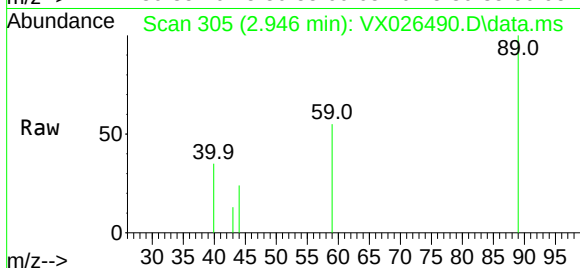
PB142056TB

Tgt Ion: 59 Resp: 761

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.496 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.037 min

Lab File: VX026490.D

Acq: 17 Jan 2022 15:16

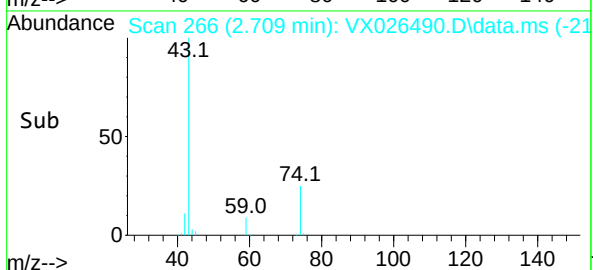
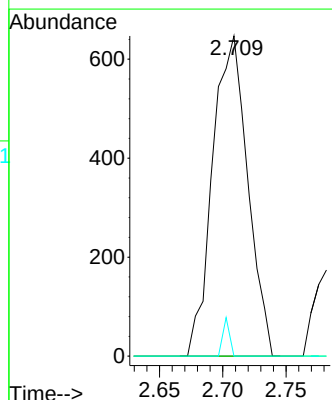
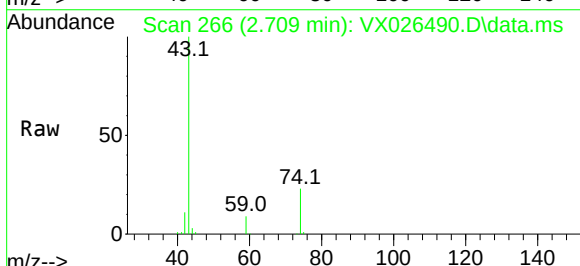
Tgt Ion: 41 Resp: 1249

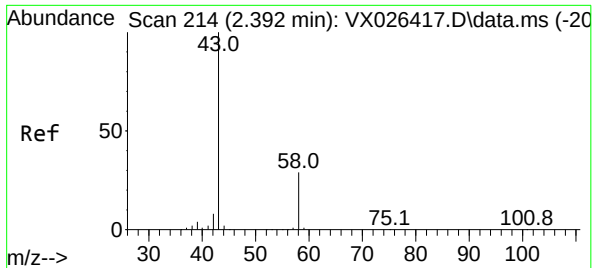
Ion Ratio Lower Upper

41 100

39 0.0 54.2 81.4#

76 2.3 25.2 37.8#

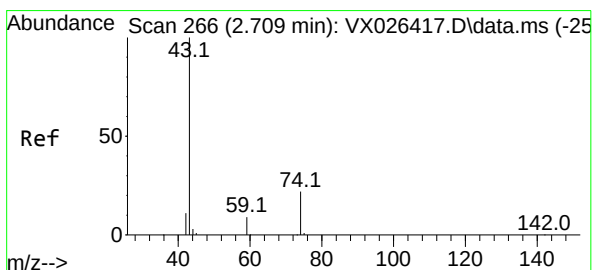
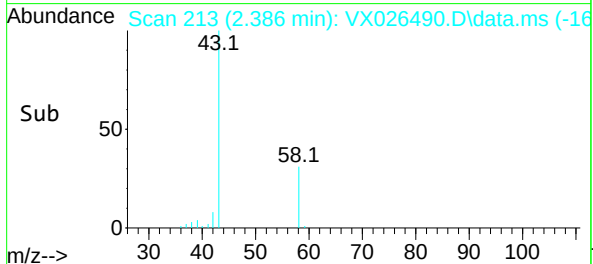
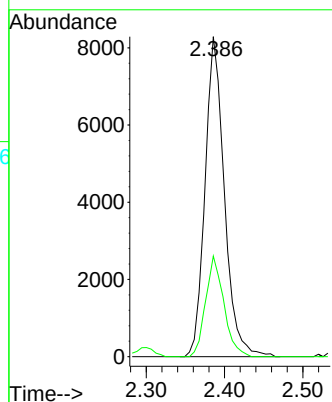
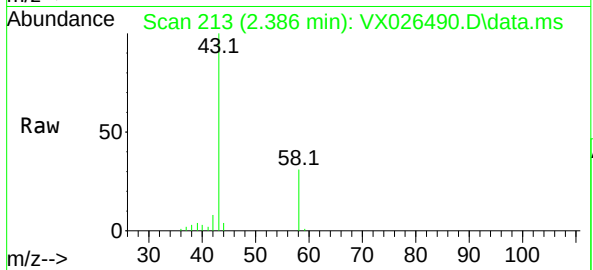




#16
Acetone
Concen: 15.209 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

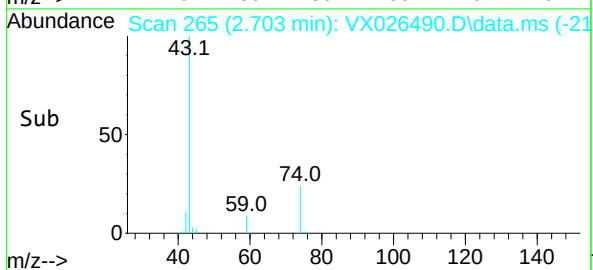
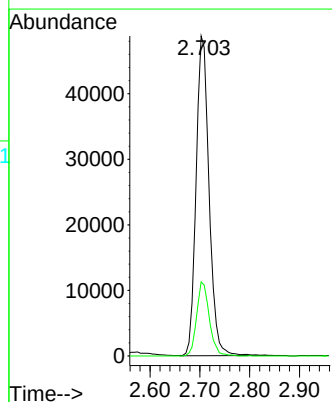
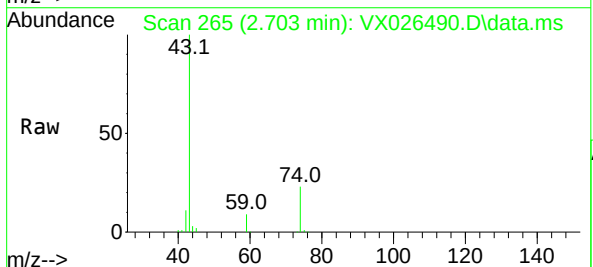
Instrument :
MSVOA_X
ClientSampleId :
PB142056TB

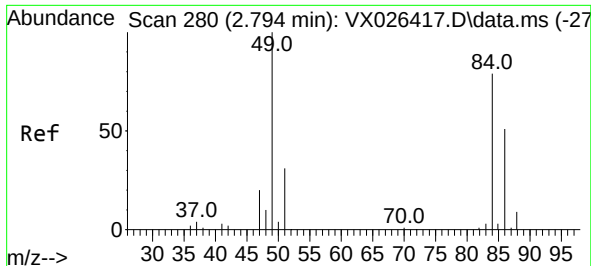
Tgt Ion: 43 Resp: 14210
Ion Ratio Lower Upper
43 100
58 31.5 23.0 34.6



#18
Methyl Acetate
Concen: 47.449 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

Tgt Ion: 43 Resp: 88133
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5





#20

Methylene Chloride

Concen: 9.224 ug/l

RT: 2.794 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX026490.D

Acq: 17 Jan 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

PB142056TB

Tgt Ion: 84 Resp: 14238

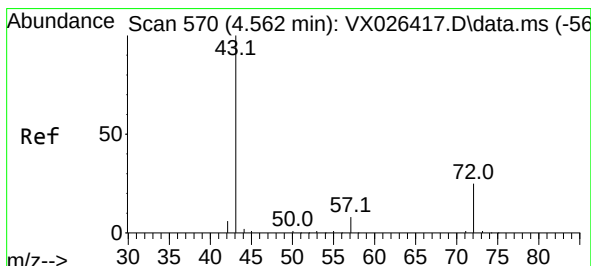
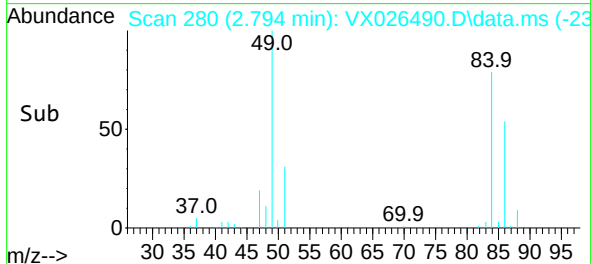
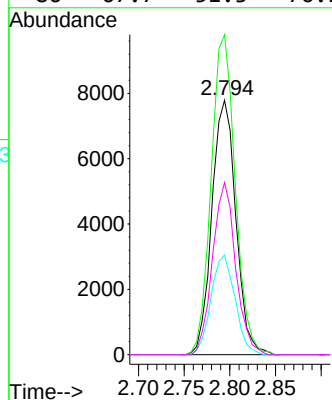
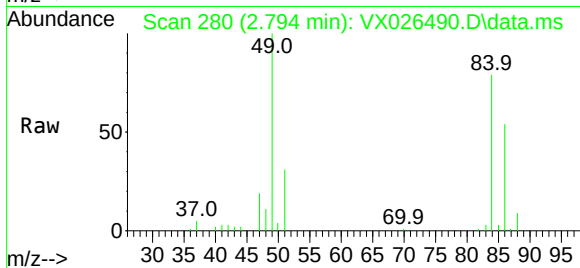
Ion Ratio Lower Upper

84 100

49 125.8 101.5 152.3

51 39.2 31.2 46.8

86 67.7 51.3 76.9



#25

2-Butanone

Concen: 1.154 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX026490.D

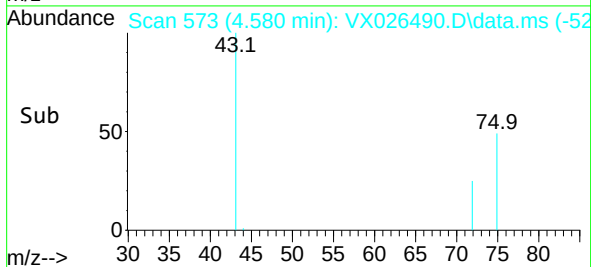
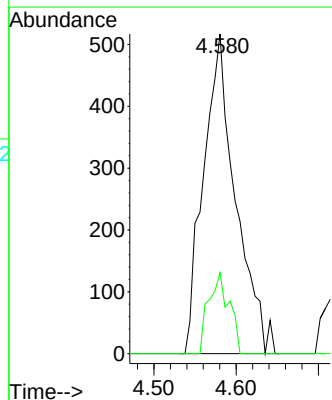
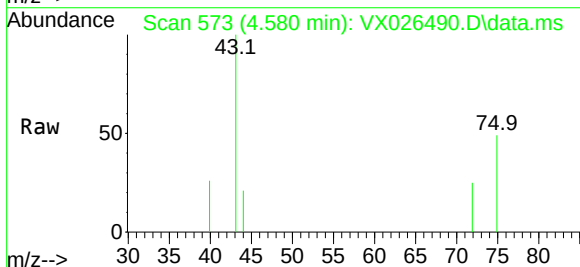
Acq: 17 Jan 2022 15:16

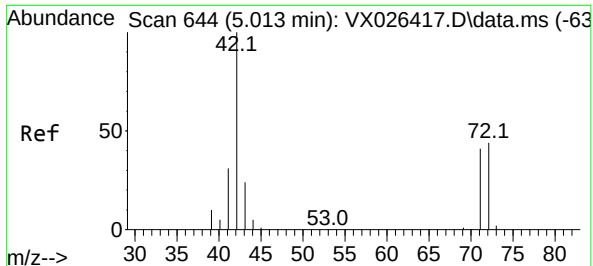
Tgt Ion: 43 Resp: 1402

Ion Ratio Lower Upper

43 100

72 25.3 20.4 30.6





#29

Tetrahydrofuran

Concen: 0.373 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX026490.D

Acq: 17 Jan 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

PB142056TB

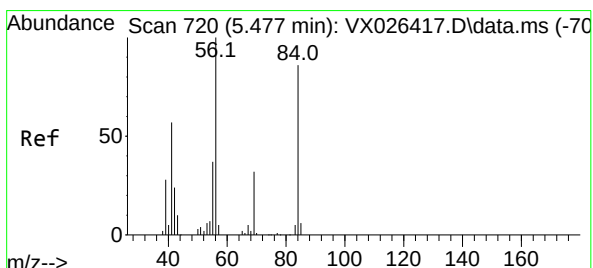
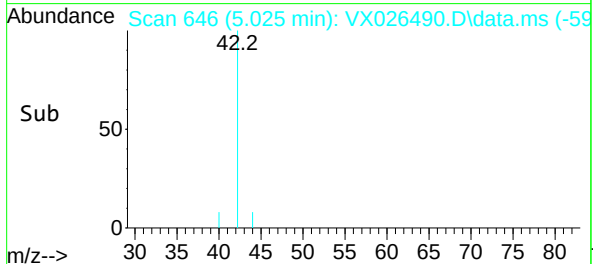
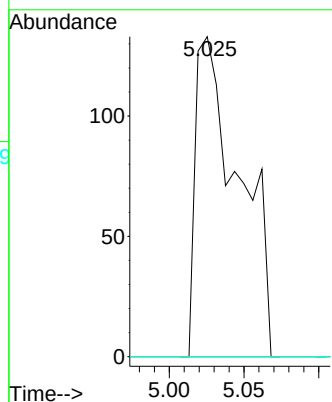
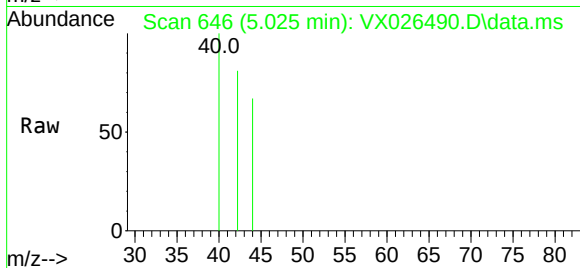
Tgt Ion: 42 Resp: 269

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#



#31

Cyclohexane

Concen: 0.969 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX026490.D

Acq: 17 Jan 2022 15:16

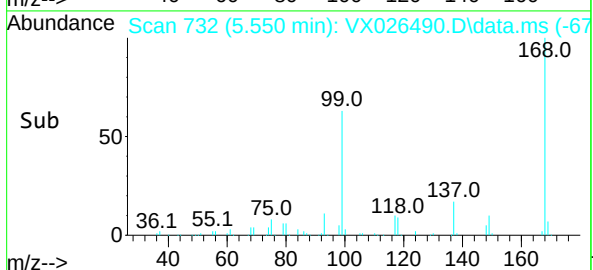
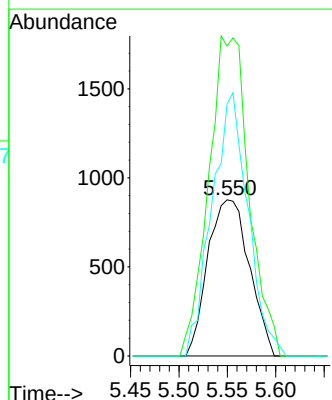
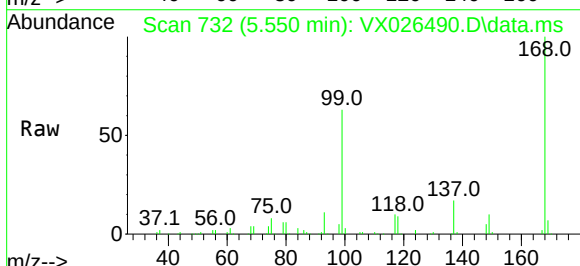
Tgt Ion: 56 Resp: 2619

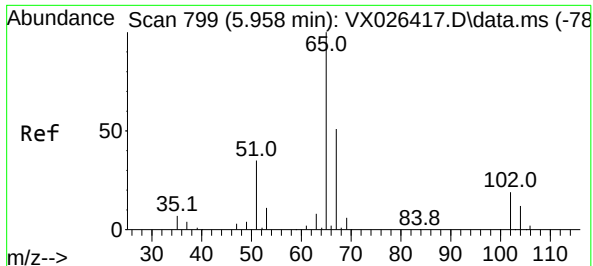
Ion Ratio Lower Upper

56 100

69 198.5 25.8 38.6#

84 161.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.761 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026490.D

Acq: 17 Jan 2022 15:16

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ClientSampleId :

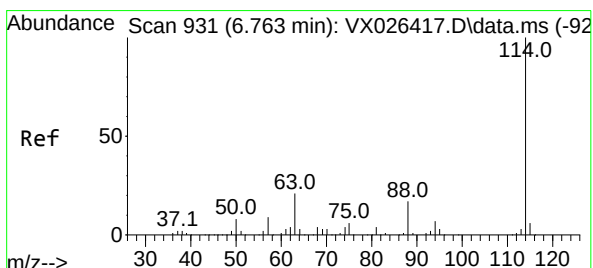
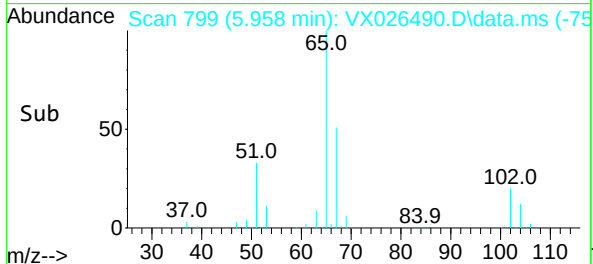
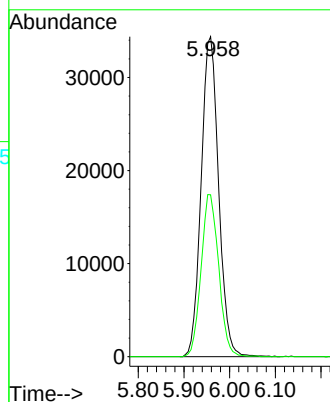
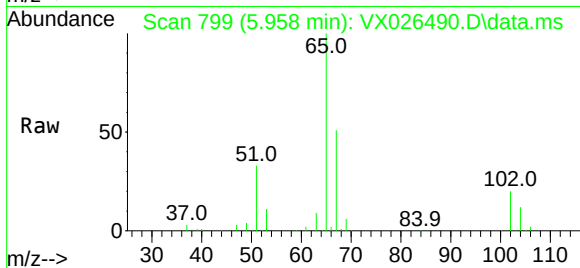
PB142056TB

Tgt Ion: 65 Resp: 91166

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX026490.D

Acq: 17 Jan 2022 15:16

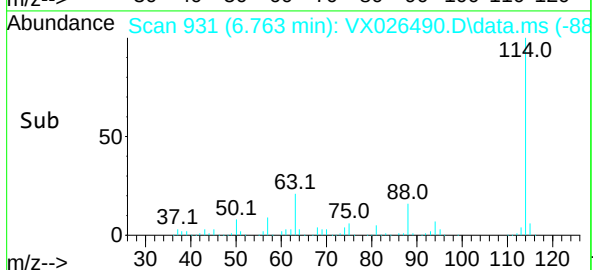
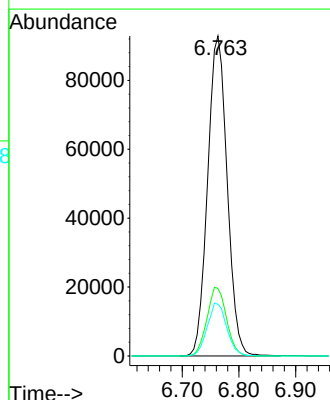
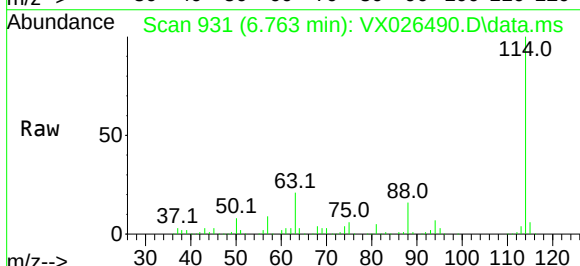
Tgt Ion: 114 Resp: 222240

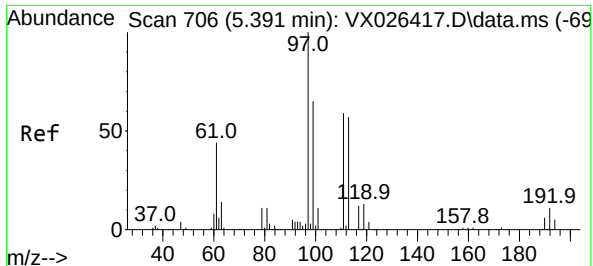
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.004 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX026490.D

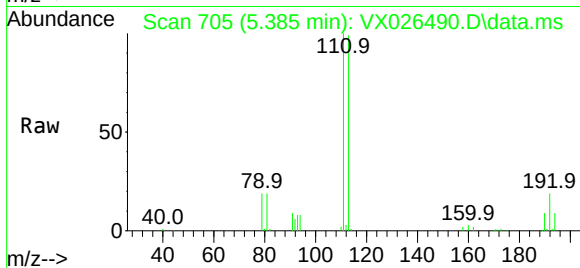
Acq: 17 Jan 2022 15:16

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PB142056TB



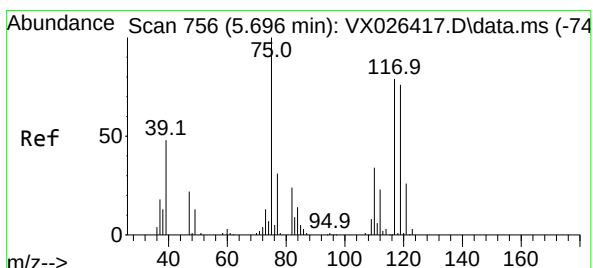
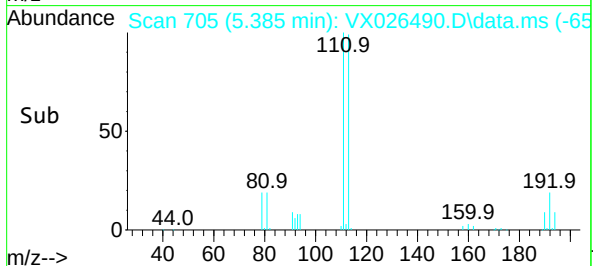
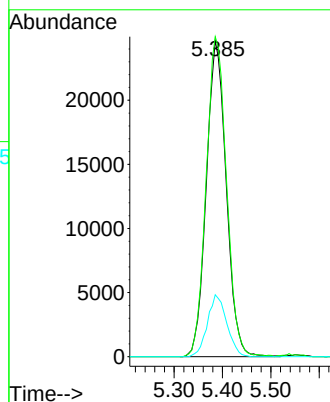
Tgt Ion:113 Resp: 70328

Ion Ratio Lower Upper

113 100

111 103.8 81.2 121.8

192 19.1 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.769 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026490.D

Acq: 17 Jan 2022 15:16

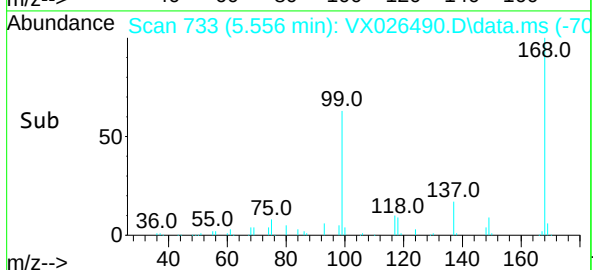
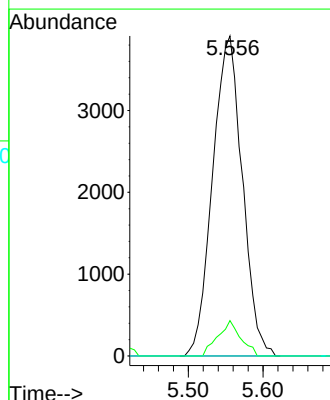
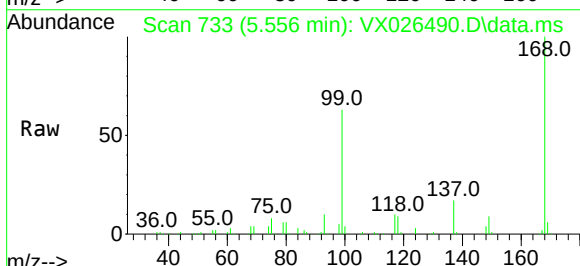
Tgt Ion: 75 Resp: 10805

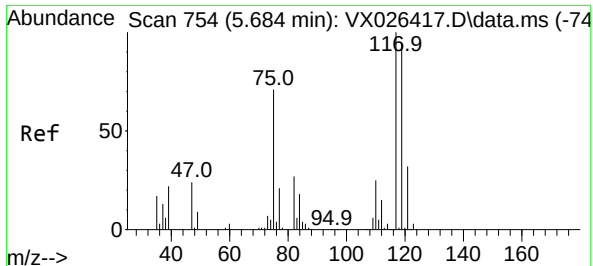
Ion Ratio Lower Upper

75 100

110 8.5 17.2 51.6#

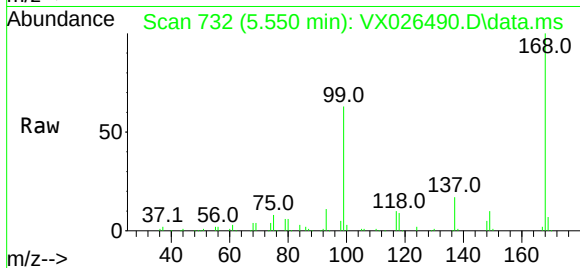
77 0.0 24.6 36.8#



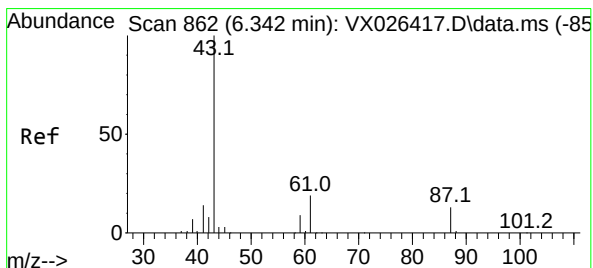
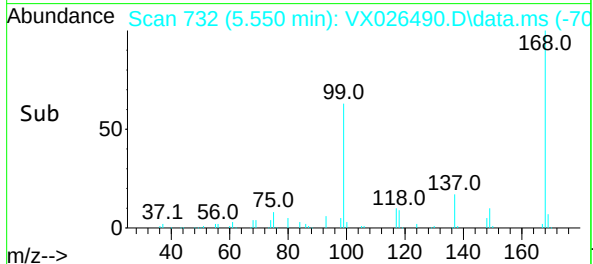
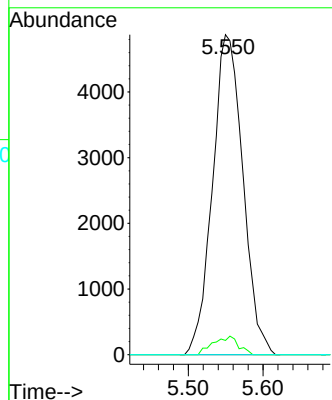


#38
Carbon Tetrachloride
Concen: 5.906 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

Instrument :
MSVOA_X
ClientSampleId :
PB142056TB

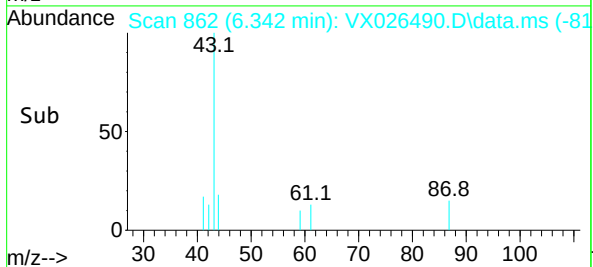
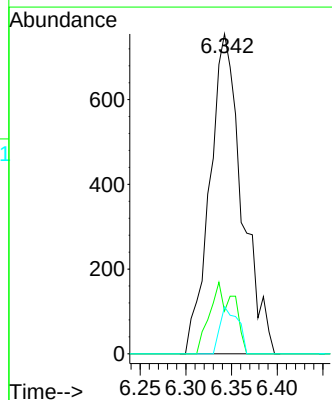
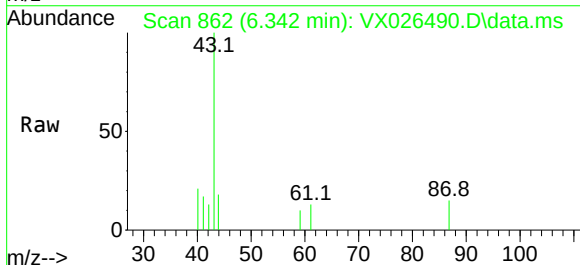


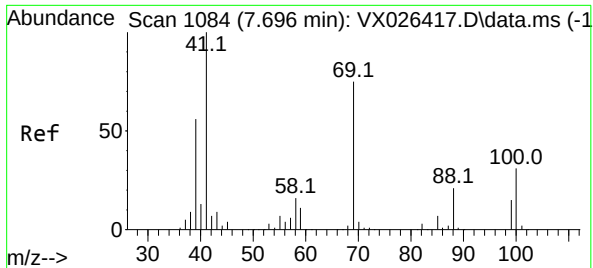
Tgt Ion:117 Resp: 13764
Ion Ratio Lower Upper
117 100
119 4.5 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 0.498 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
61 16.7 15.4 23.0
87 8.3 10.2 15.2#

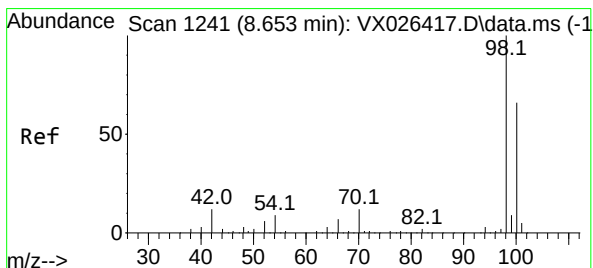
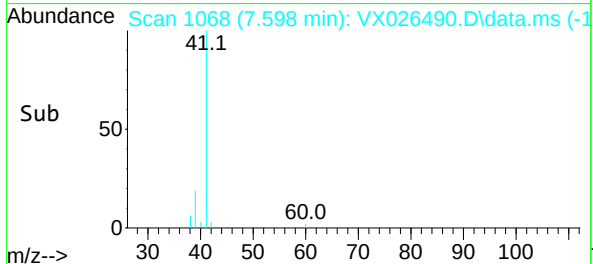
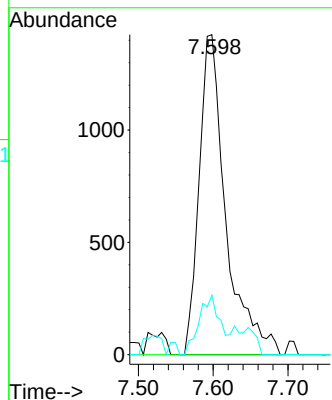
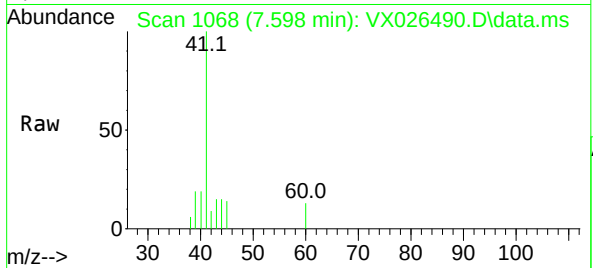




#48
Methyl methacrylate
Concen: 1.930 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

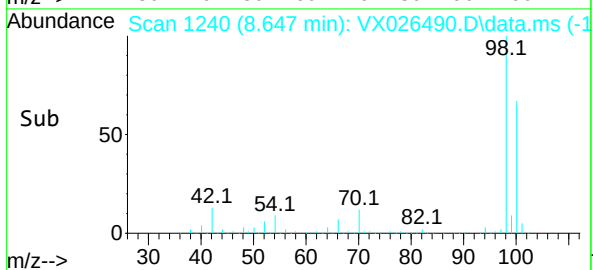
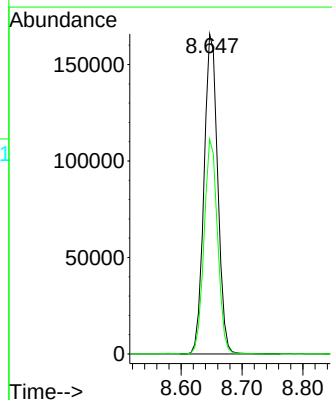
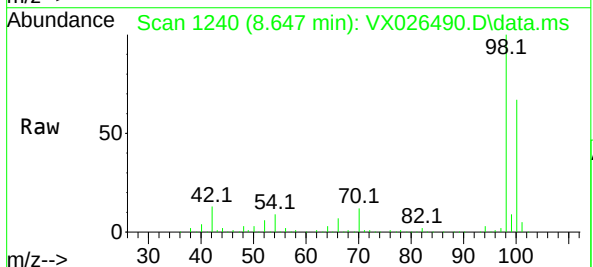
Instrument :
MSVOA_X
ClientSampleId :
PB142056TB

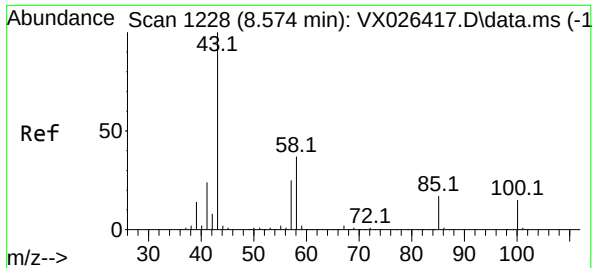
Tgt Ion: 41 Resp: 3541
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 15.1 45.4 68.0#



#50
Toluene-d8
Concen: 50.142 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

Tgt Ion: 98 Resp: 259321
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

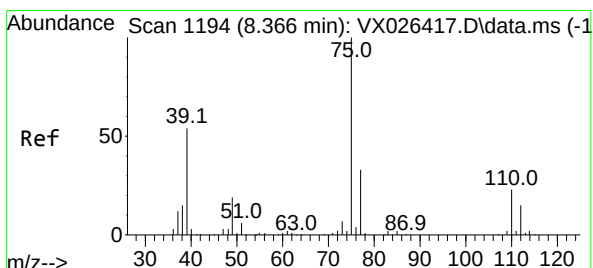
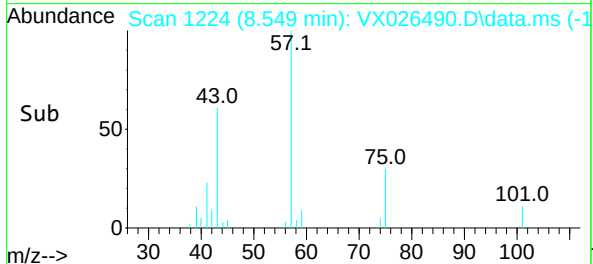
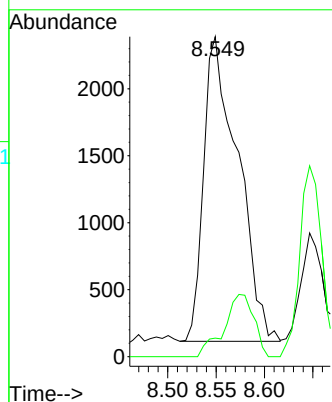
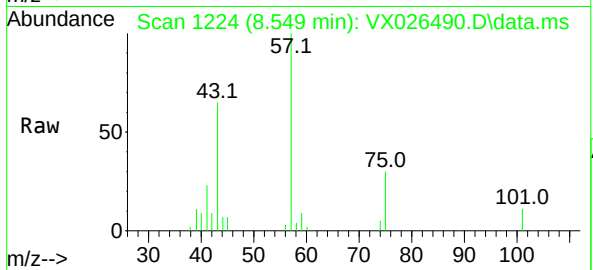




#51
4-Methyl-2-Pentanone
Concen: 2.553 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

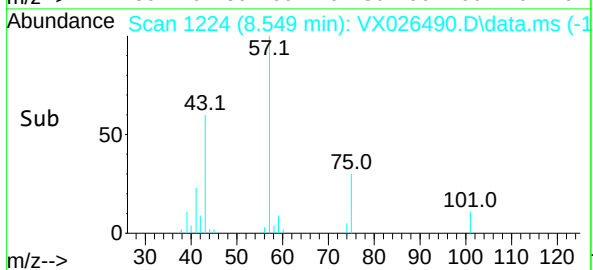
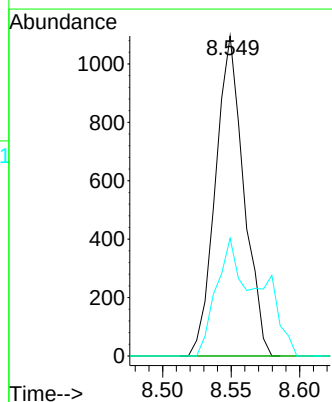
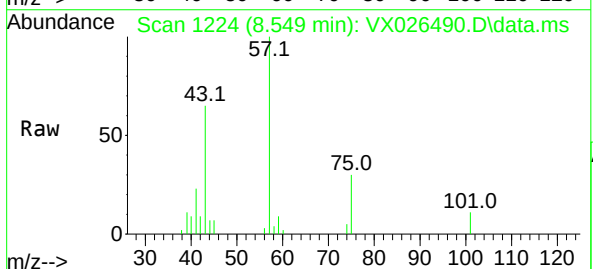
Instrument :
MSVOA_X
ClientSampleId :
PB142056TB

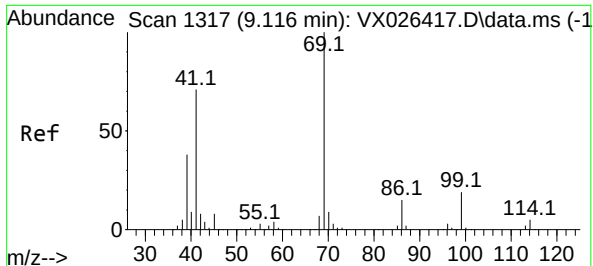
Tgt Ion: 43 Resp: 5605
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 0.659 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

Tgt Ion: 75 Resp: 1576
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 36.8 43.5 65.3#

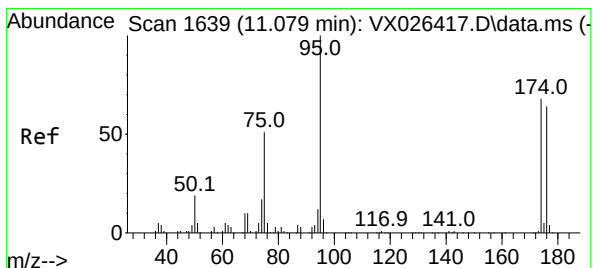
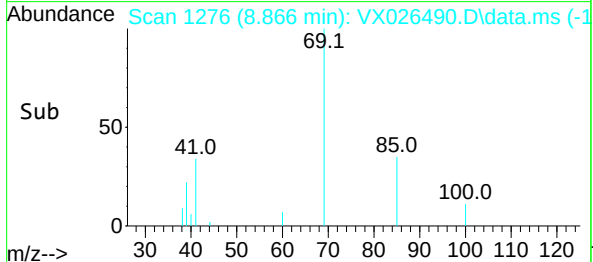
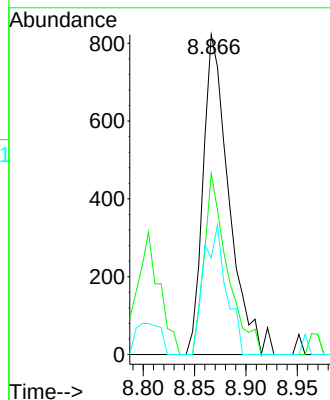
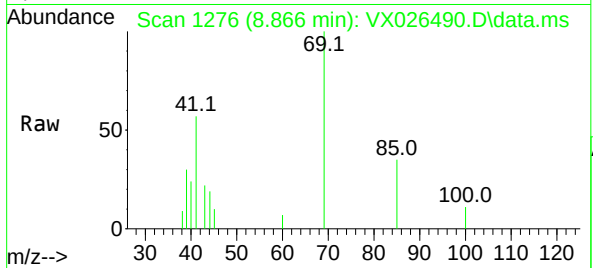




#56
Ethyl methacrylate
Concen: 0.628 ug/l
RT: 8.866 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

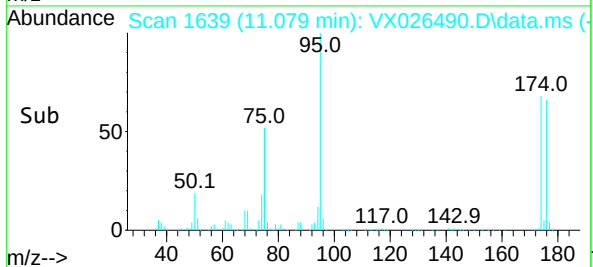
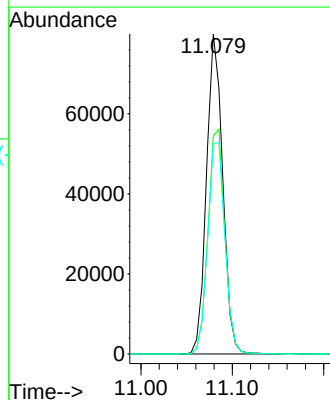
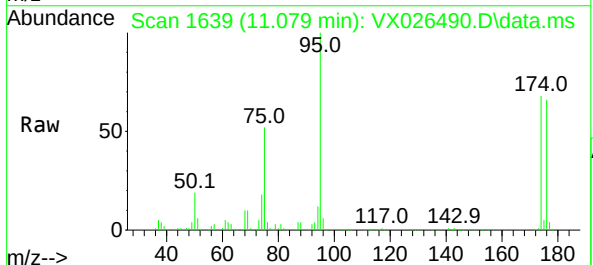
Instrument :
MSVOA_X
ClientSampleId :
PB142056TB

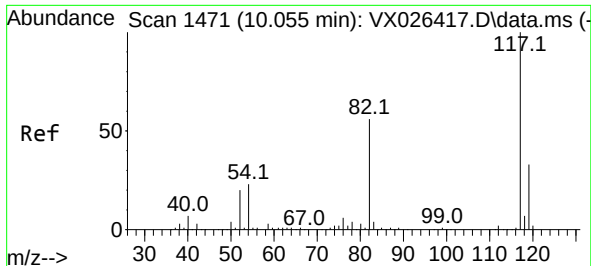
Tgt Ion: 69 Resp: 1442
Ion Ratio Lower Upper
69 100
41 50.6 57.2 85.8#
39 35.5 30.9 46.3



#62
4-Bromofluorobenzene
Concen: 53.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

Tgt Ion: 95 Resp: 98296
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.6
176 70.4 0.0 141.4

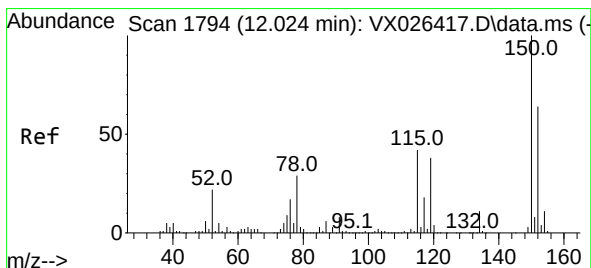
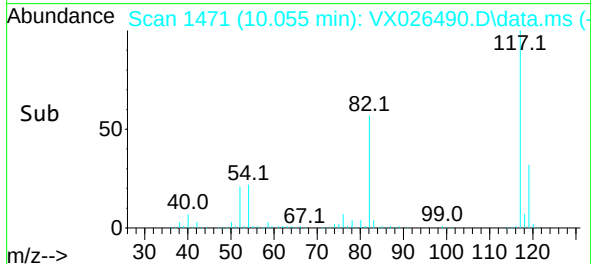
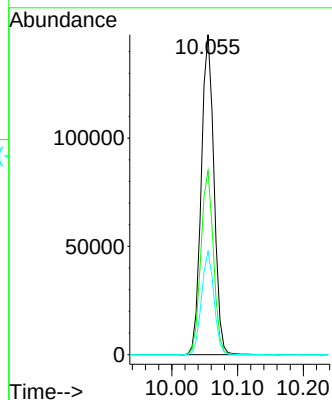
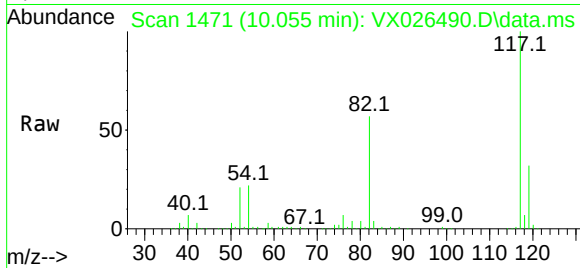




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

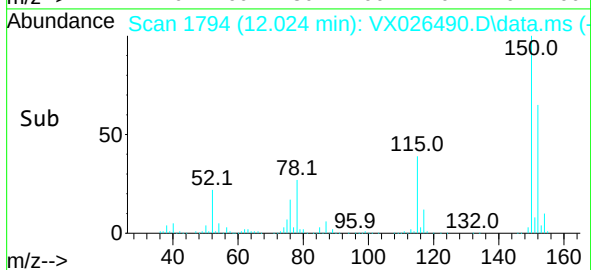
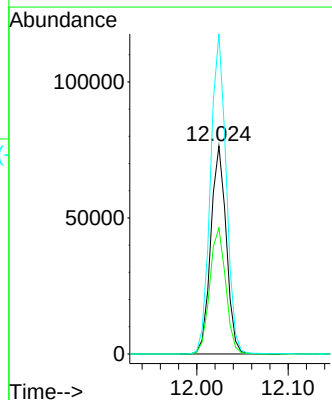
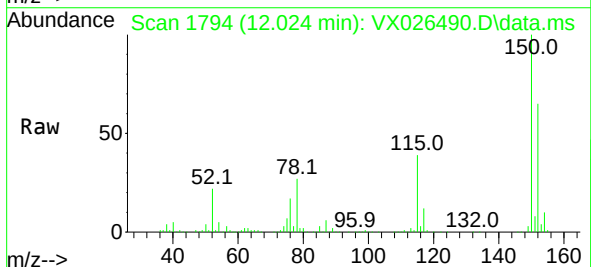
Instrument :
MSVOA_X
ClientSampleId :
PB142056TB

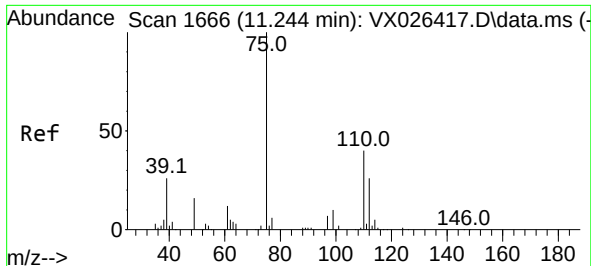
Tgt Ion:117 Resp: 199018
Ion Ratio Lower Upper
117 100
82 57.5 45.2 67.8
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

Tgt Ion:152 Resp: 89685
Ion Ratio Lower Upper
152 100
115 62.2 44.2 132.6
150 156.0 0.0 348.2

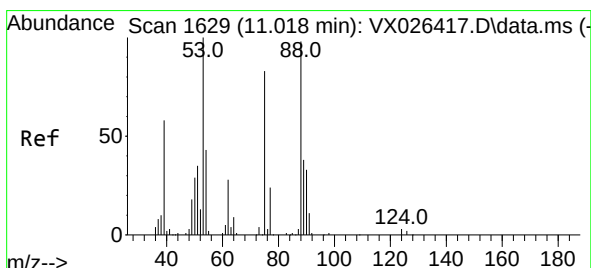
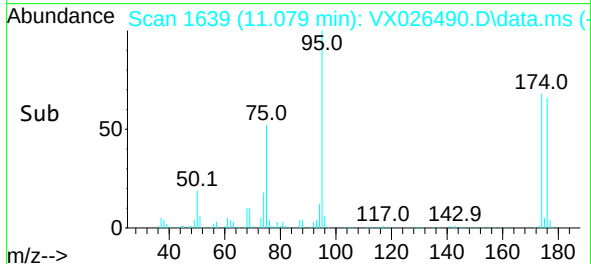
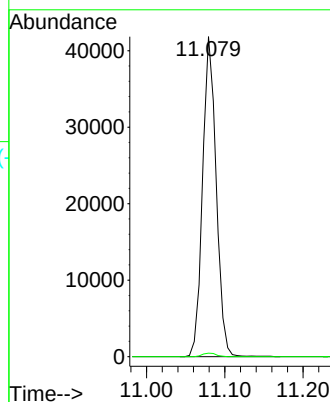
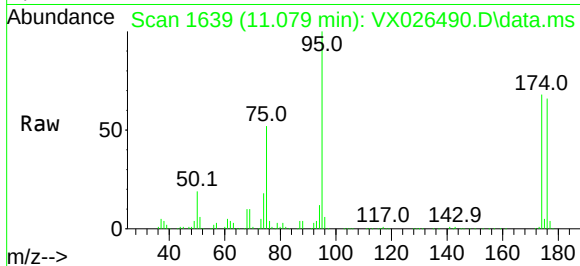




#76
1,2,3-Trichloropropane
Concen: 25.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

Instrument :
MSVOA_X
ClientSampleId :
PB142056TB

Tgt Ion: 75 Resp: 50526
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026490.D
Acq: 17 Jan 2022 15:16

Tgt Ion: 75 Resp: 50526
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

