

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031436.D
 Acq On : 17 Sep 2022 01:46
 Operator : JC/MD
 Sample : PB147603ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#05

Quant Time: Sep 17 04:29:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

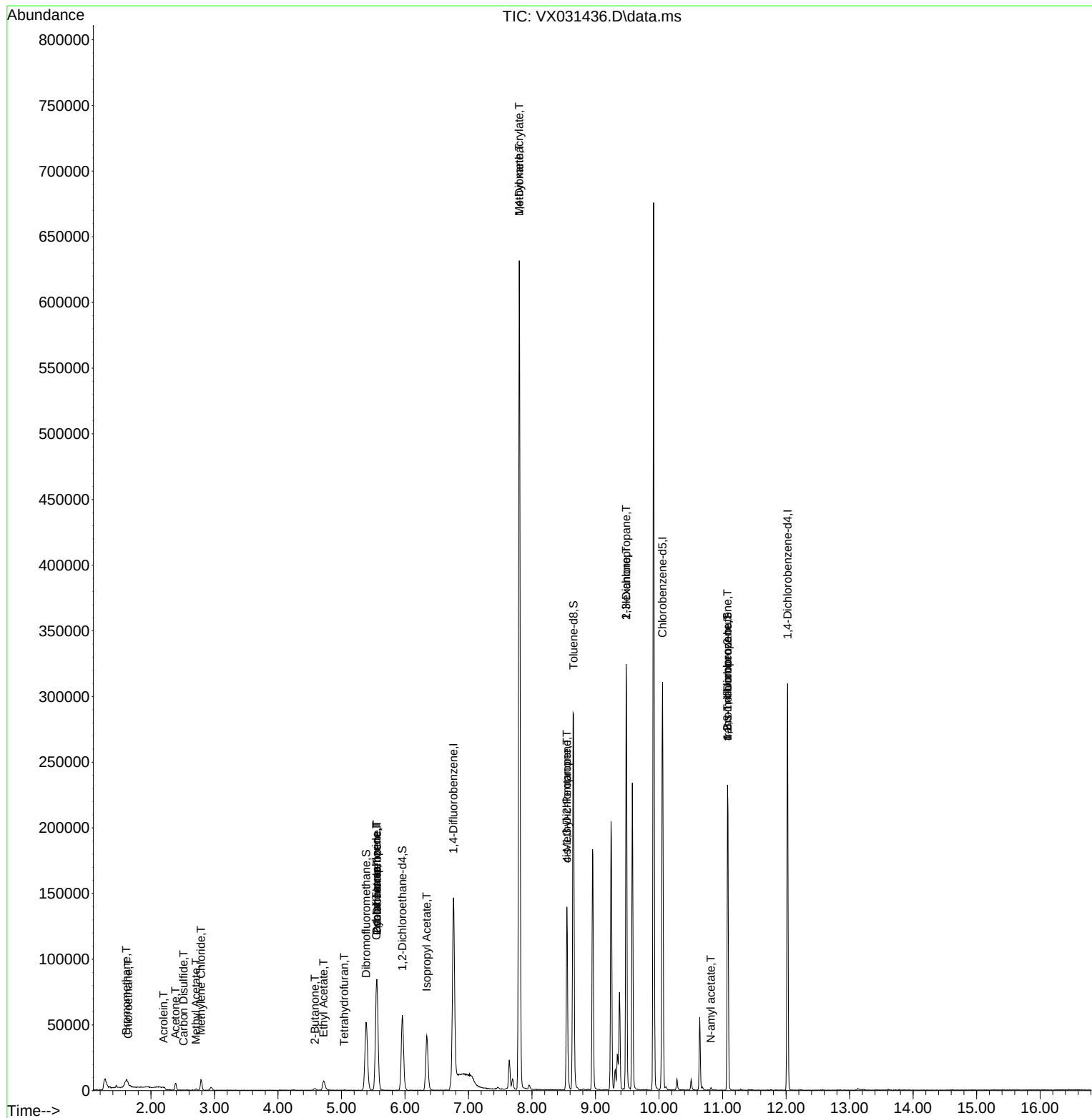
Internal Standards						
1) Pentafluorobenzene	5.556	168	82155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50314	24.951	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	49.900%#		
35) Dibromofluoromethane	5.385	113	42579	28.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	57.720%#		
50) Toluene-d8	8.653	98	167801	30.321	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	60.640%#		
62) 4-Bromofluorobenzene	11.079	95	53876	26.585	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	53.160%#		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	521	Below Cal	#	41
5) Bromomethane	1.611	94	651	0.605	ug/l #	64
6) Chloroethane	1.642	64	398	0.371	ug/l #	43
11) Tert butyl alcohol	2.934	59	1562	Below Cal	#	73
13) Acrolein	2.197	56	49	0.211	ug/l #	1
16) Acetone	2.386	43	6066	7.046	ug/l	100
17) Carbon Disulfide	2.514	76	123	0.924	ug/l #	75
18) Methyl Acetate	2.709	43	1237	0.485	ug/l	99
20) Methylene Chloride	2.788	84	3547	0.251	ug/l #	83
25) 2-Butanone	4.580	43	1501	1.057	ug/l #	81
29) Tetrahydrofuran	5.044	42	416	0.473	ug/l #	36
31) Cyclohexane	5.556	56	1949	0.900	ug/l #	64
36) 1,1-Dichloropropene	5.556	75	6594	3.265	ug/l #	47
37) Ethyl Acetate	4.715	43	12883	4.855	ug/l	96
38) Carbon Tetrachloride	5.550	117	8356	3.807	ug/l #	15
43) Isopropyl Acetate	6.342	43	56664	12.509	ug/l	99
48) Methyl methacrylate	7.799	41	55545	26.937	ug/l #	47
49) 1,4-Dioxane	7.799	88	60	1.451	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	46716	16.967	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	21018	7.761	ug/l #	62
57) 1,3-Dichloropropane	9.482	76	2658	0.955	ug/l #	43
59) 2-Hexanone	9.482	43	37416	17.805	ug/l #	53
74) N-amyl acetate	10.817	43	677	0.320	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	31815	21.940	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31815	60.708	ug/l #	11

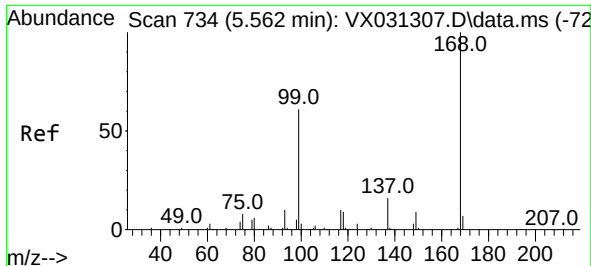
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
Data File : VX031436.D
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Sample : PB147603ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Sep 17 04:29:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

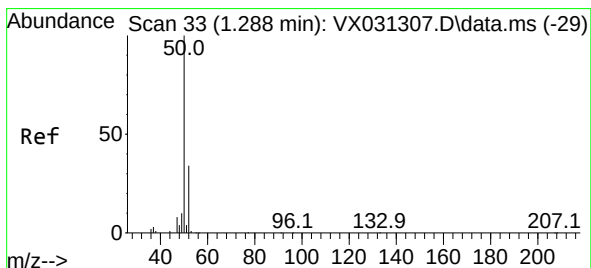
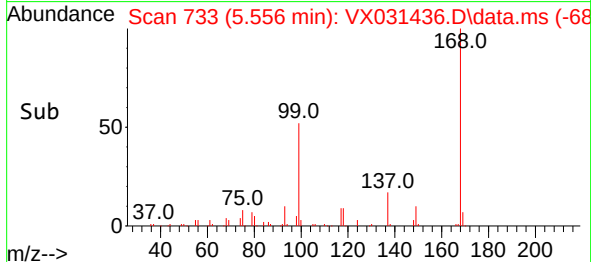
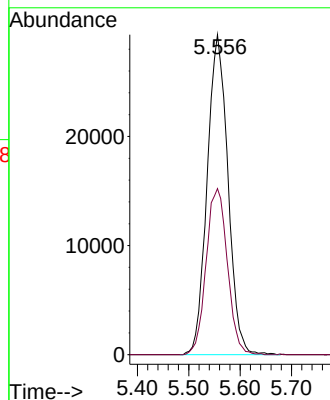
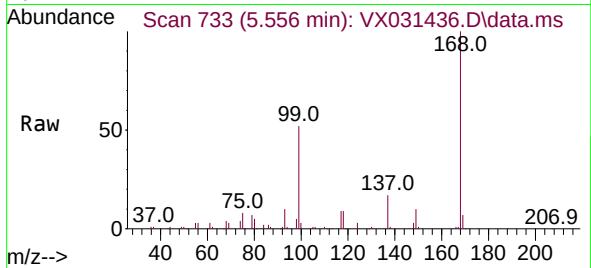




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

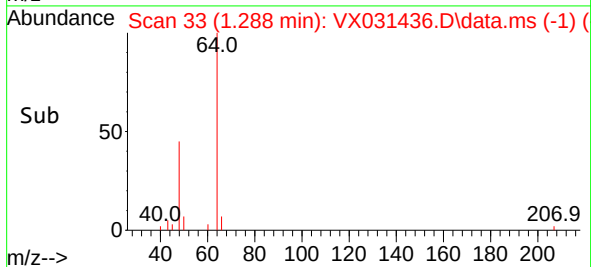
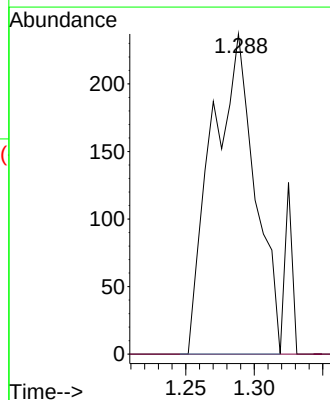
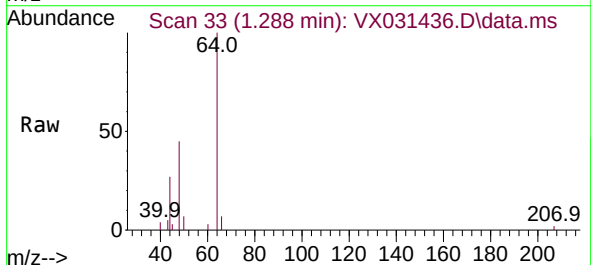
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#05

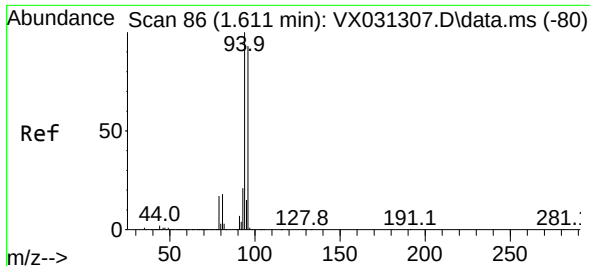
Tgt Ion:168 Resp: 82155
Ion Ratio Lower Upper
168 100
99 51.9 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

Tgt Ion: 50 Resp: 521
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

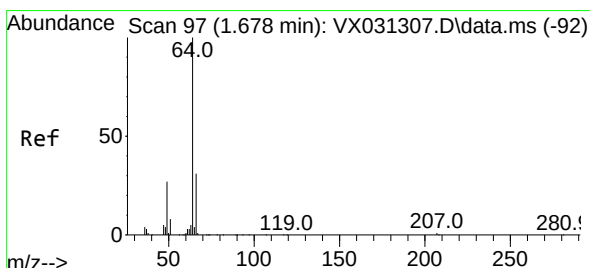
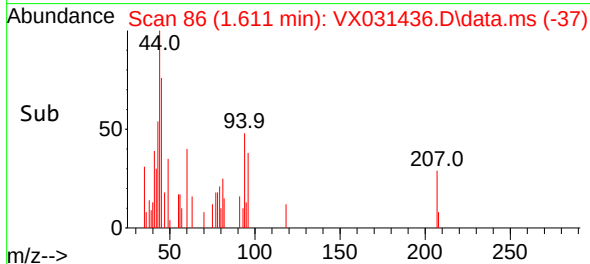
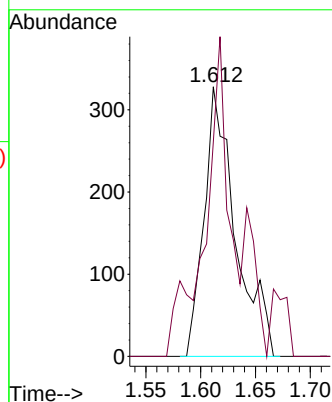
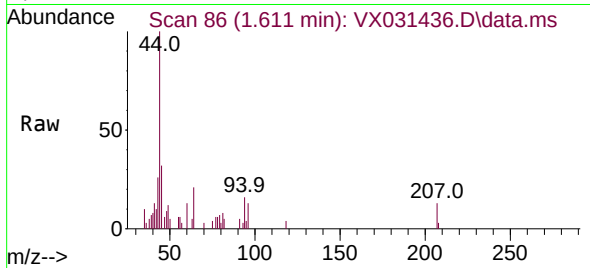




#5
Bromomethane
Concen: 0.605 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

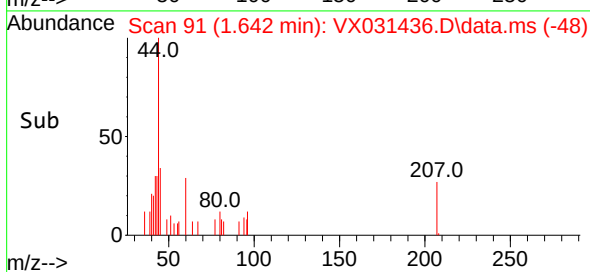
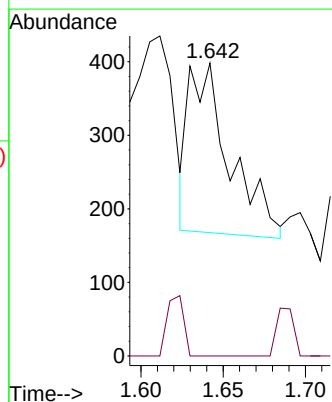
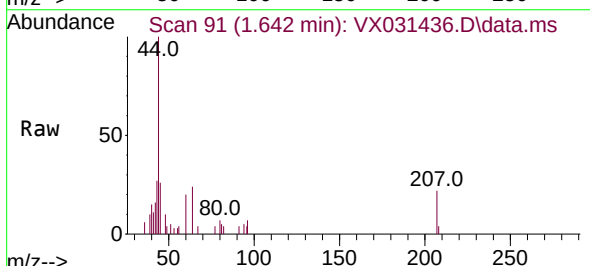
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#05

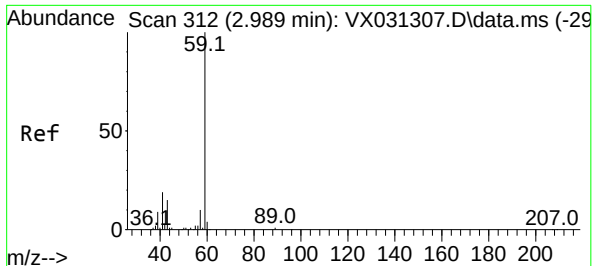
Tgt Ion: 94 Resp: 651
Ion Ratio Lower Upper
94 100
96 58.5 74.4 111.6#



#6
Chloroethane
Concen: 0.371 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.036 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

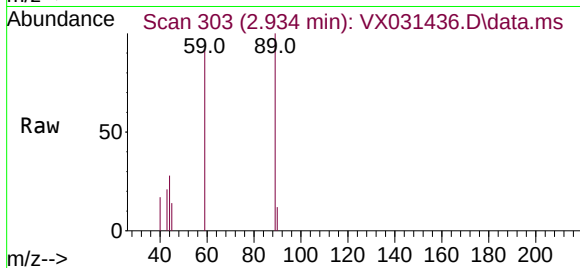
Tgt Ion: 64 Resp: 398
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



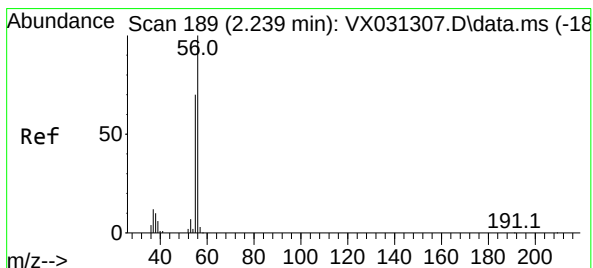
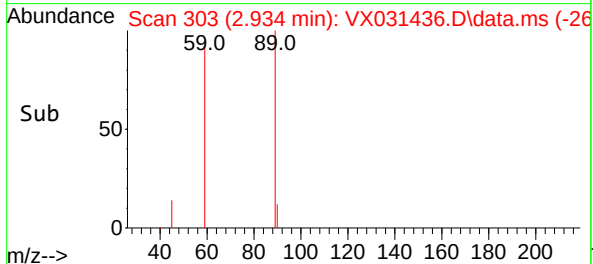
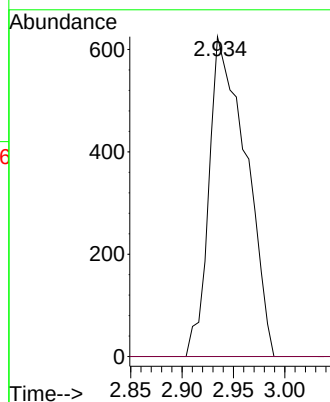


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 30
Delta R.T. -0.055 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#05

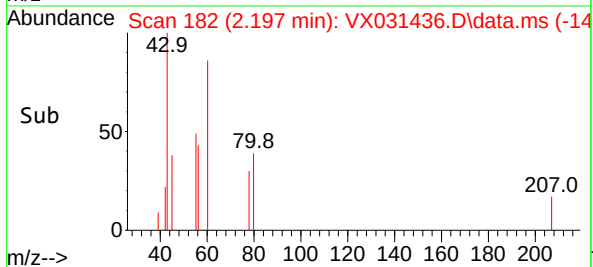
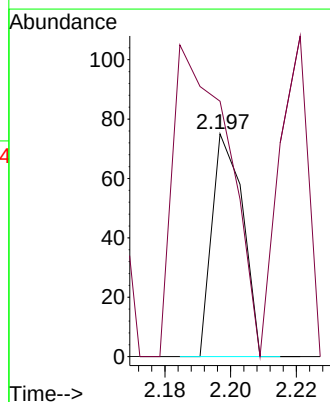
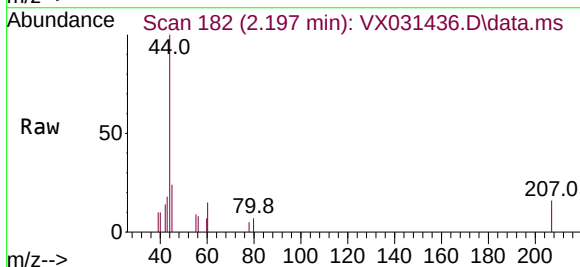


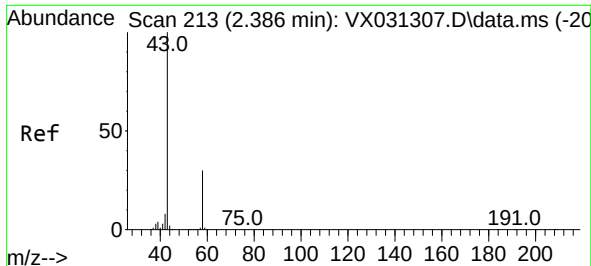
Tgt Ion: 59 Resp: 1562
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 0.211 ug/l
RT: 2.197 min Scan# 182
Delta R.T. -0.042 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 251.0 56.0 84.0#

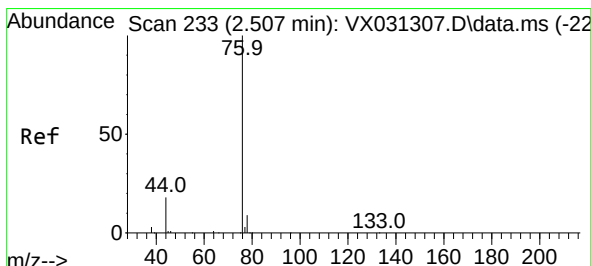
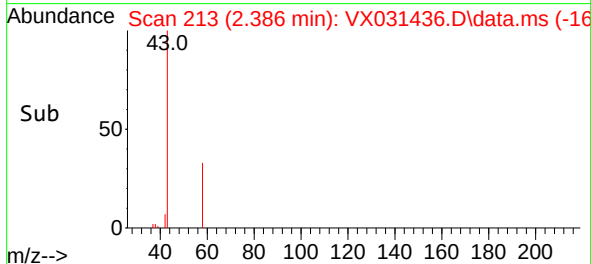
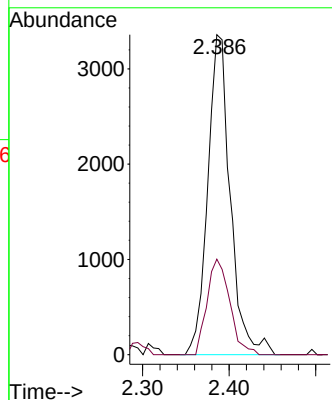
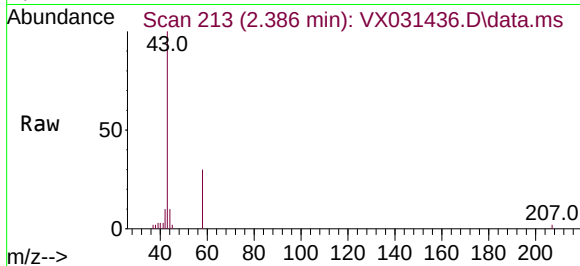




#16
Acetone
Concen: 7.046 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

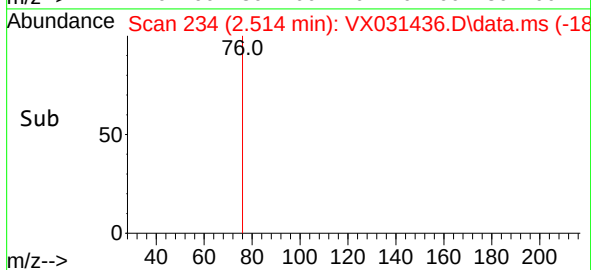
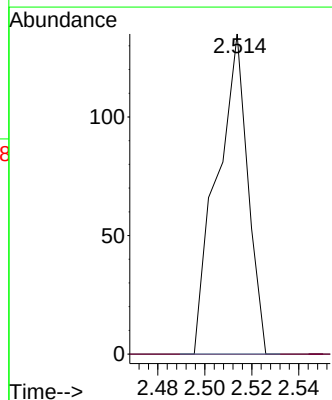
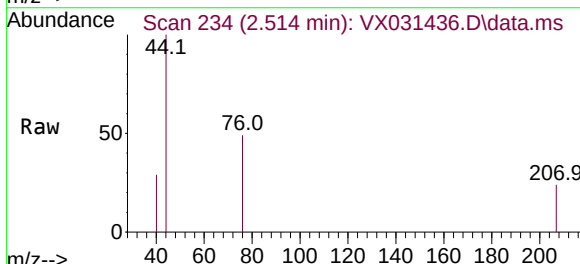
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#05

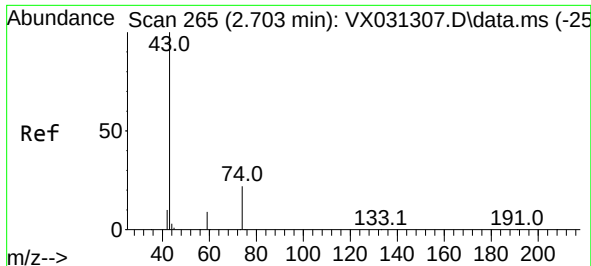
Tgt Ion: 43 Resp: 6066
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.8



#17
Carbon Disulfide
Concen: 0.924 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

Tgt Ion: 76 Resp: 123
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

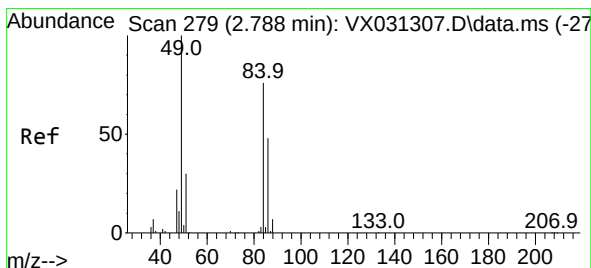
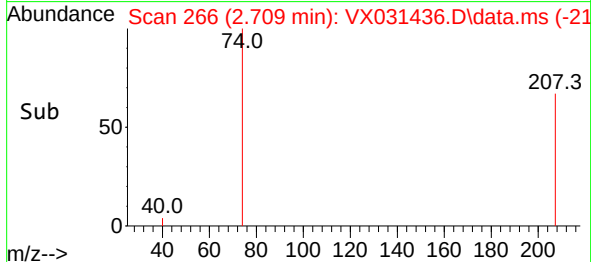
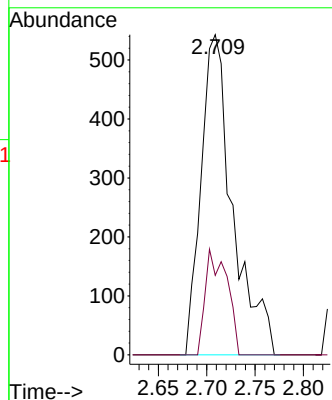
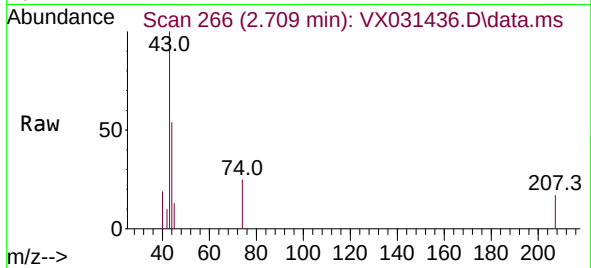




#18
Methyl Acetate
Concen: 0.485 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

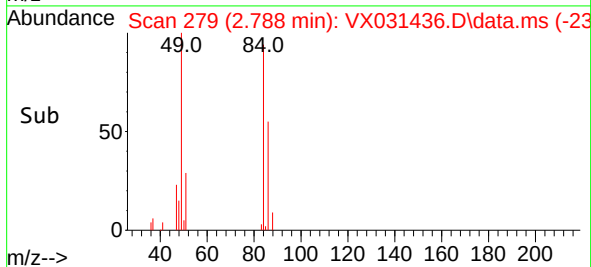
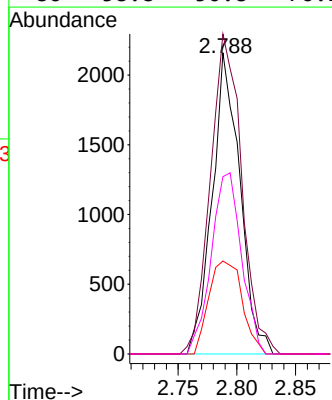
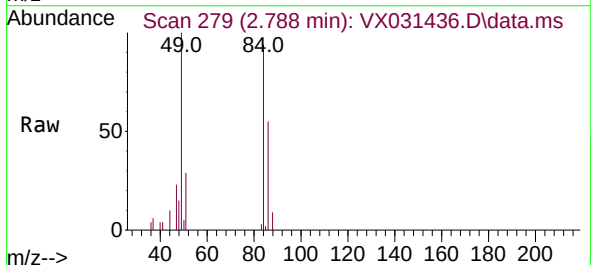
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ClientSampleId :
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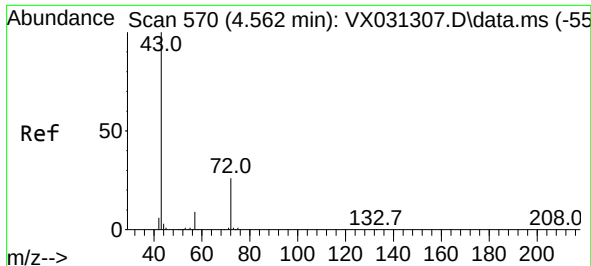
Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
74 22.6 18.6 27.8



#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

Tgt Ion: 84 Resp: 3547
Ion Ratio Lower Upper
84 100
49 106.2 105.9 158.9
51 30.9 32.2 48.2#
86 58.8 50.8 76.2





#25

2-Butanone

Concen: 1.057 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX031436.D

Acq: 17 Sep 2022 01:46

Instrument :

MSVOA_X

ClientSampleId :

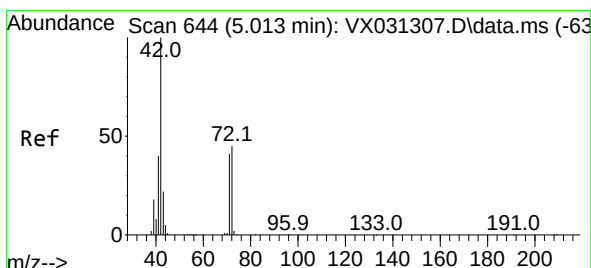
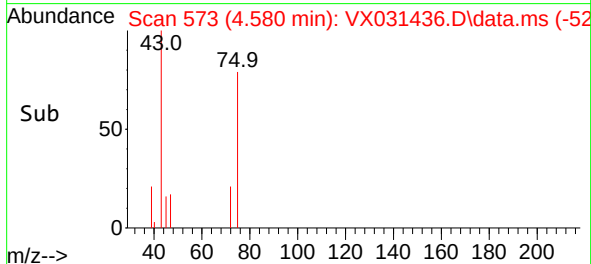
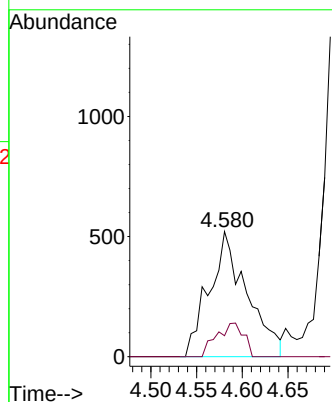
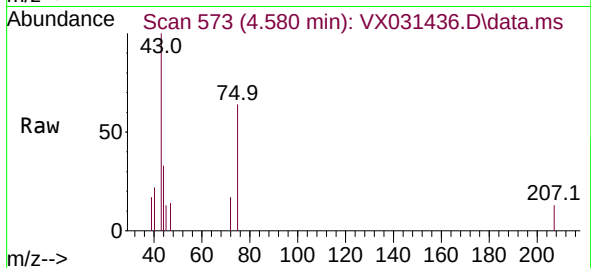
PB147603ZHE#05

Tgt Ion: 43 Resp: 1501

Ion Ratio Lower Upper

43 100

72 16.7 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.473 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX031436.D

Acq: 17 Sep 2022 01:46

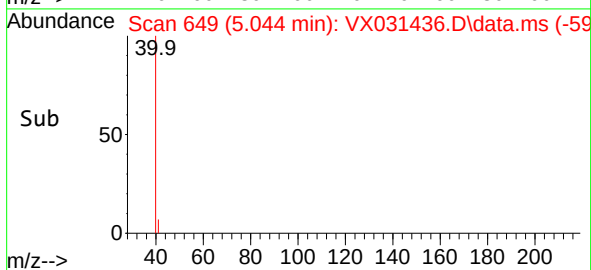
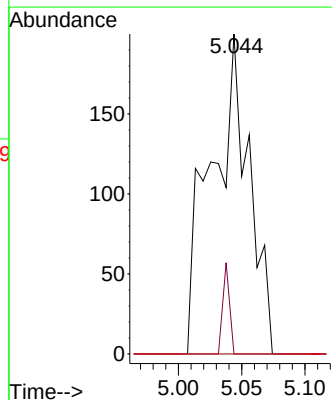
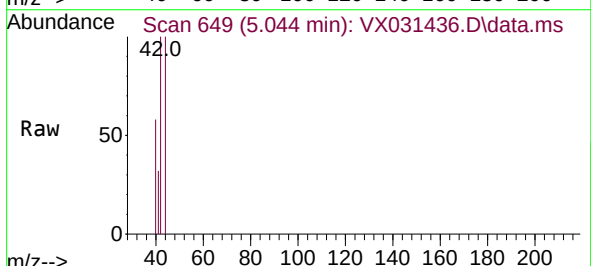
Tgt Ion: 42 Resp: 416

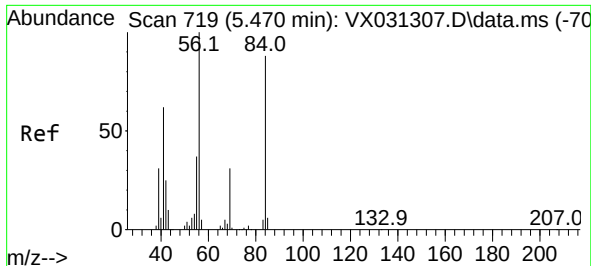
Ion Ratio Lower Upper

42 100

72 5.0 36.4 54.6#

71 0.0 33.5 50.3#

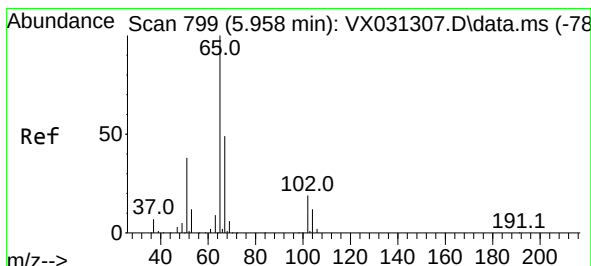
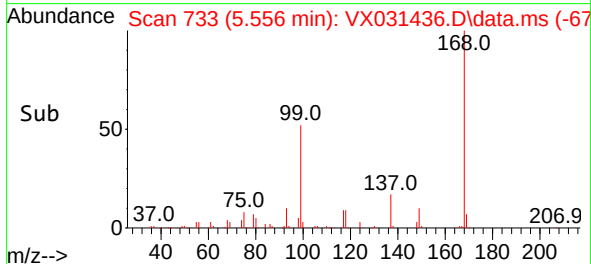
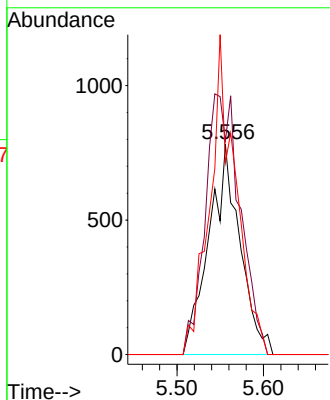
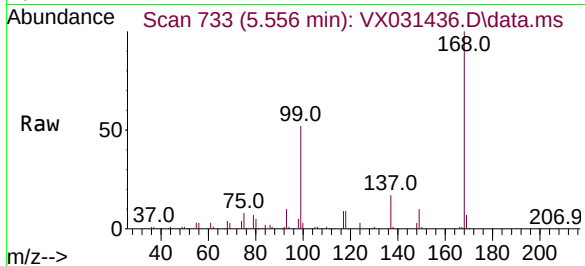




#31
Cyclohexane
Concen: 0.900 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

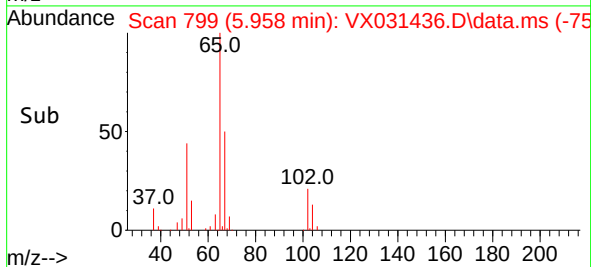
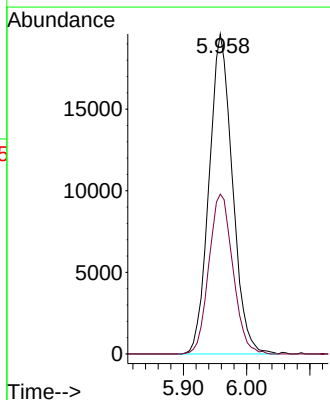
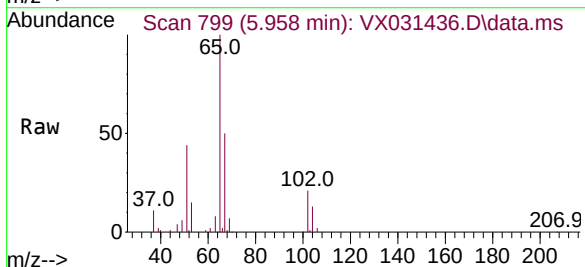
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#05

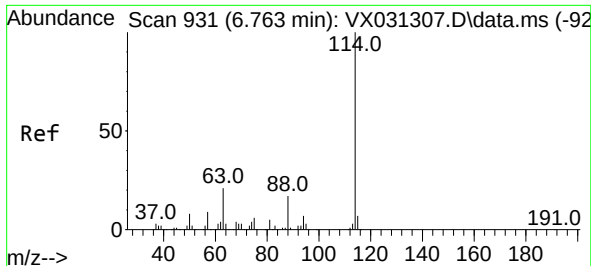
Tgt Ion: 56 Resp: 1949
Ion Ratio Lower Upper
56 100
69 101.5 25.1 37.7#
84 91.2 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 24.951 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

Tgt Ion: 65 Resp: 50314
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4

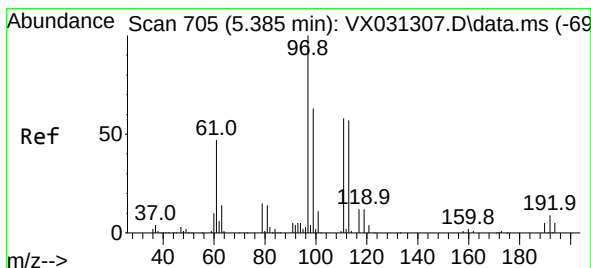
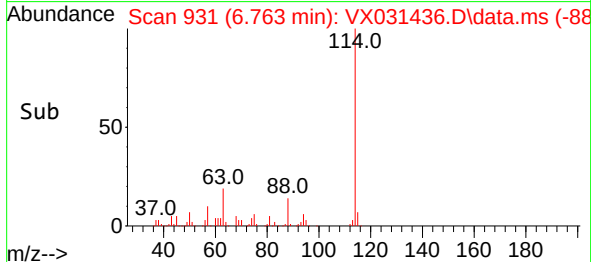
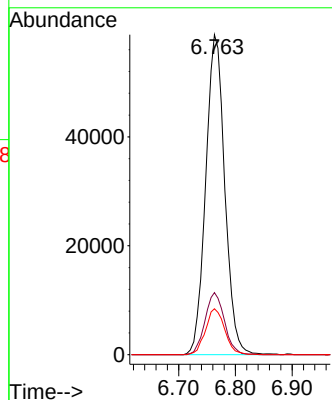
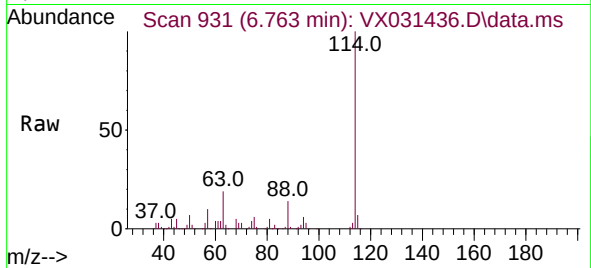




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

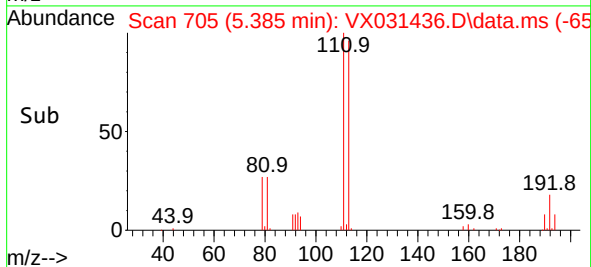
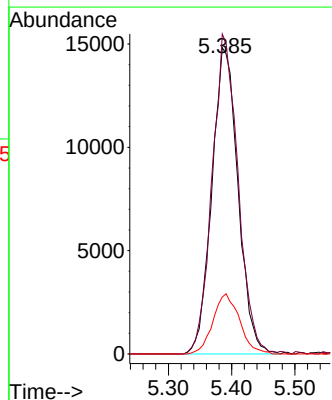
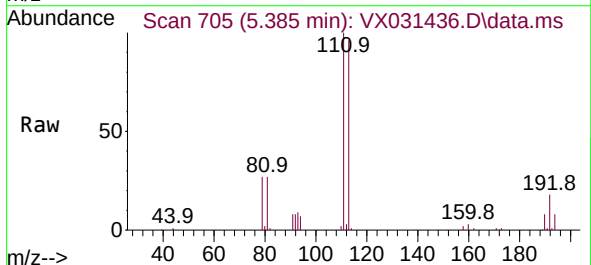
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#05

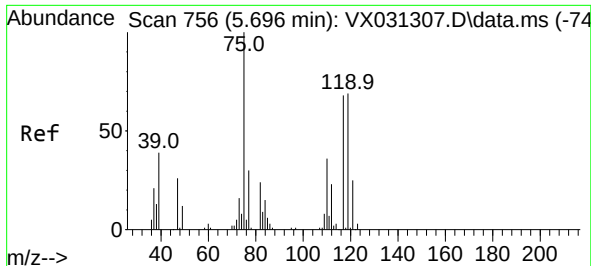
Tgt Ion:114 Resp: 137250
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 14.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 28.860 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

Tgt Ion:113 Resp: 42579
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 20.0 14.1 21.1

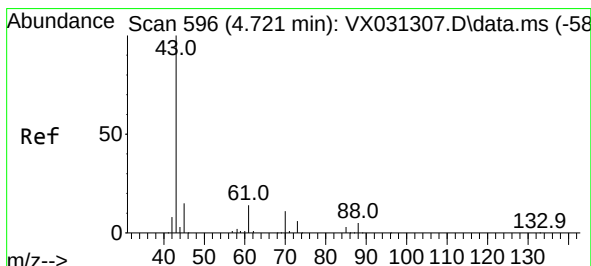
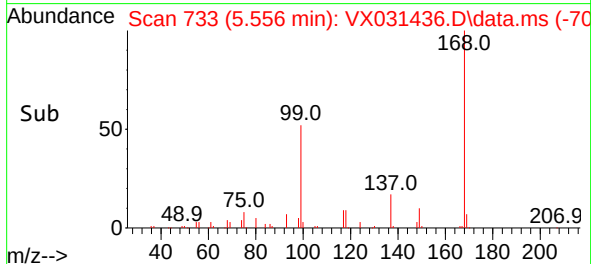
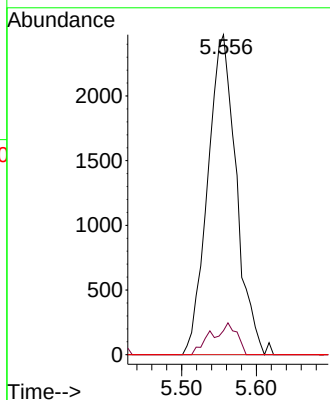
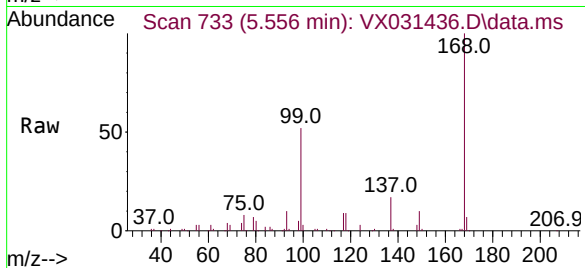




#36
1,1-Dichloropropene
Concen: 3.265 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

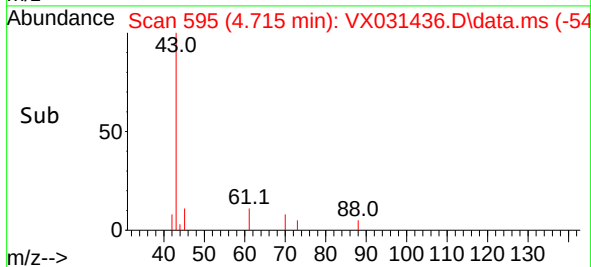
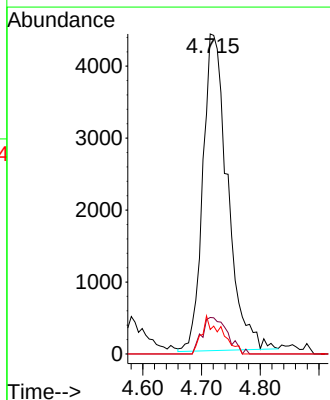
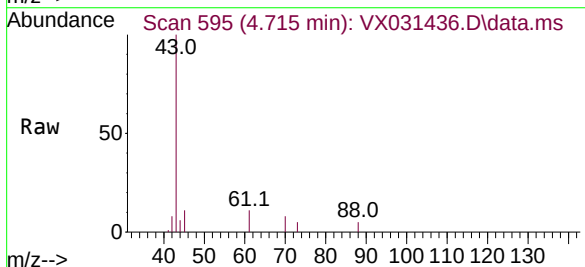
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#05

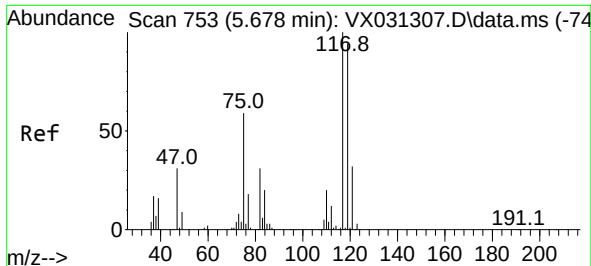
Tgt Ion: 75 Resp: 6594
Ion Ratio Lower Upper
75 100
110 5.7 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 4.855 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

Tgt Ion: 43 Resp: 12883
Ion Ratio Lower Upper
43 100
61 11.8 11.1 16.7
70 9.6 8.6 13.0

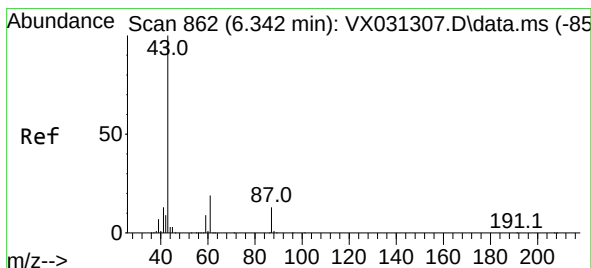
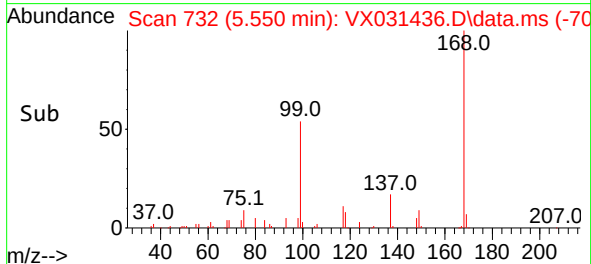
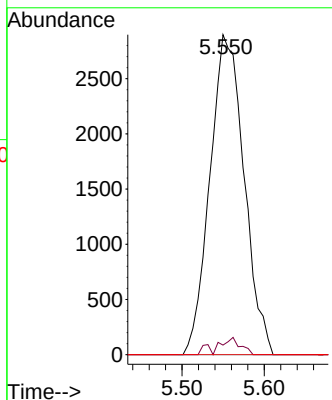
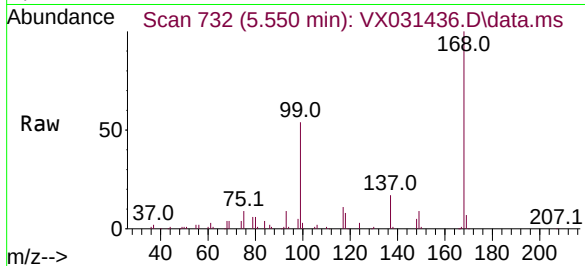




#38
Carbon Tetrachloride
Concen: 3.807 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

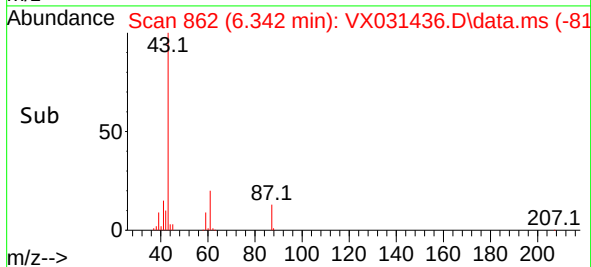
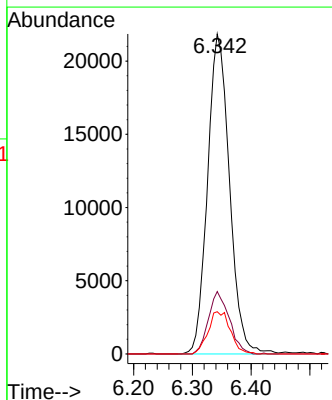
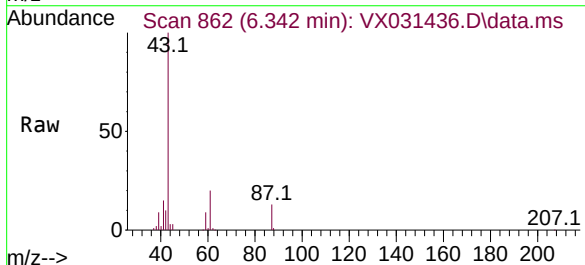
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#05

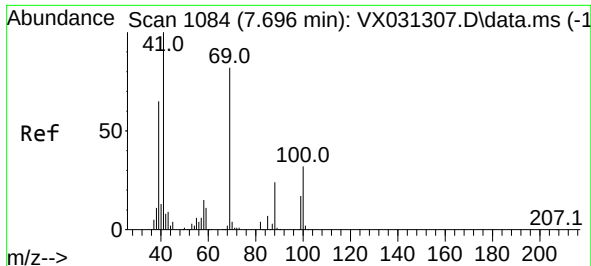
Tgt Ion:117 Resp: 8356
Ion Ratio Lower Upper
117 100
119 3.0 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 12.509 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

Tgt Ion: 43 Resp: 56664
Ion Ratio Lower Upper
43 100
61 18.5 15.3 22.9
87 13.4 10.6 15.8

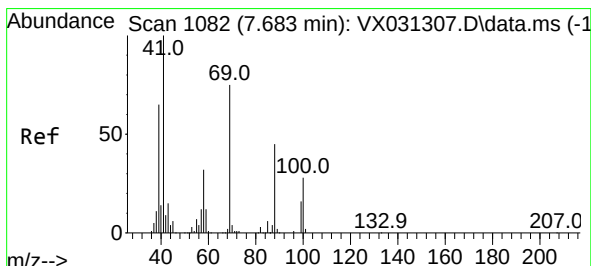
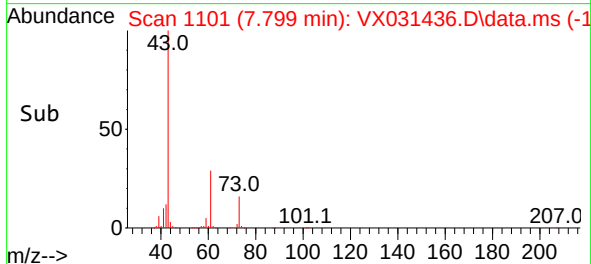
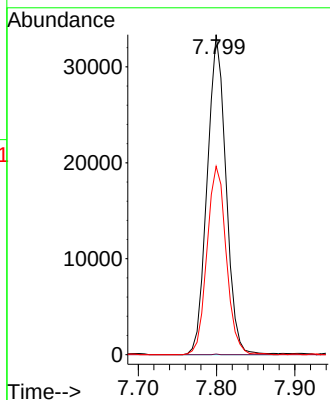
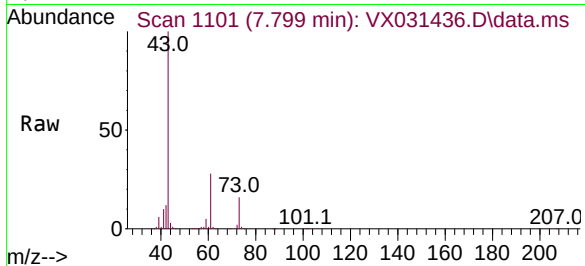




#48
Methyl methacrylate
Concen: 26.937 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

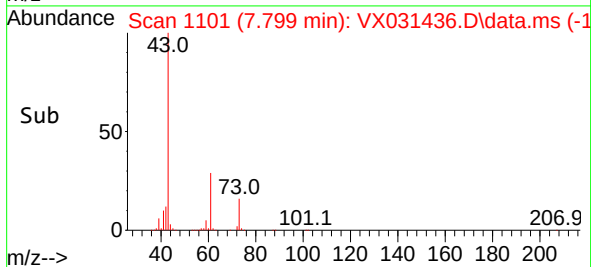
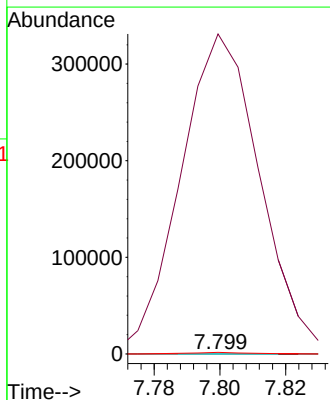
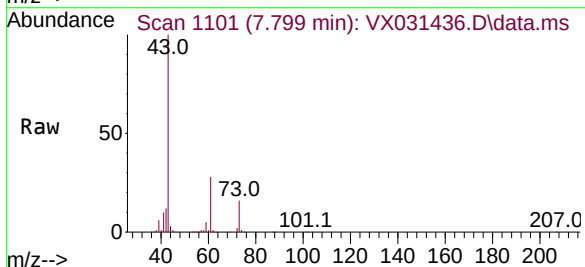
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#05

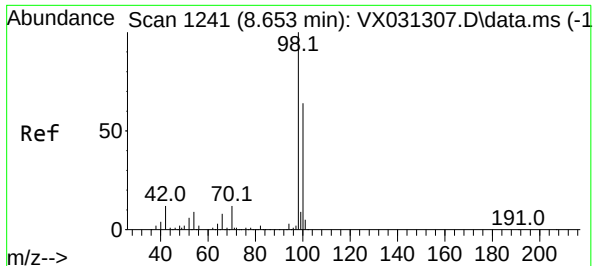
Tgt Ion: 41 Resp: 55545
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 60.3 51.4 77.0



#49
1,4-Dioxane
Concen: 1.451 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.116 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 936401.7 27.1 40.7#
58 3816.7 53.9 80.9#





#50

Toluene-d8

Concen: 30.321 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031436.D

Acq: 17 Sep 2022 01:46

Instrument :

MSVOA_X

ClientSampleId :

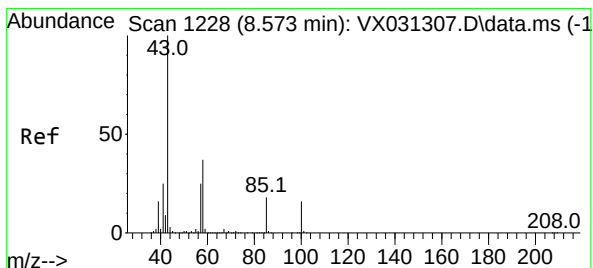
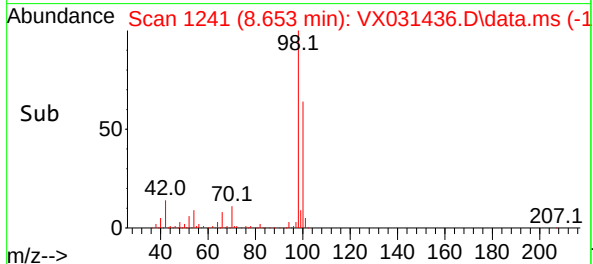
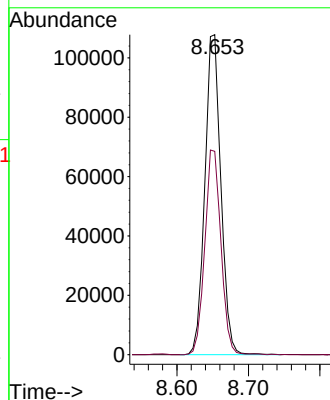
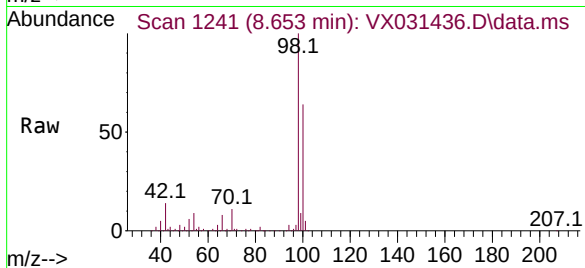
PB147603ZHE#05

Tgt Ion: 98 Resp: 167801

Ion Ratio Lower Upper

98 100

100 64.4 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 16.967 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX031436.D

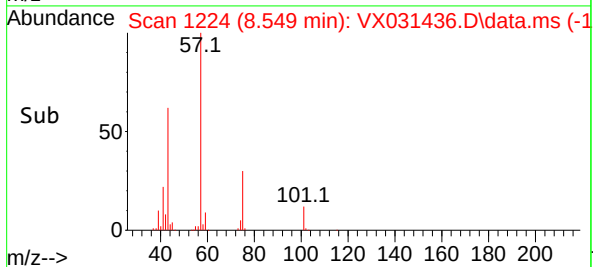
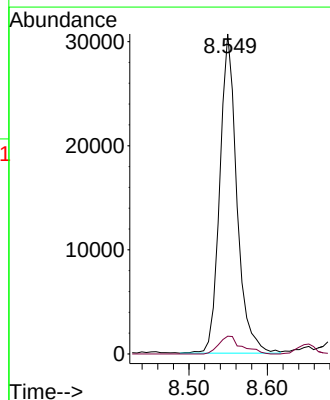
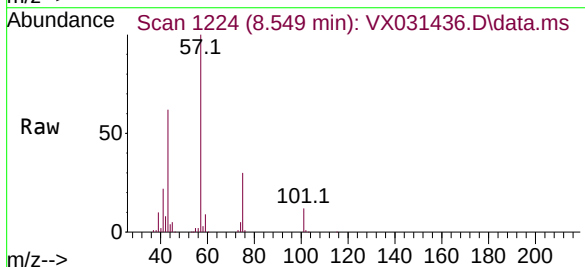
Acq: 17 Sep 2022 01:46

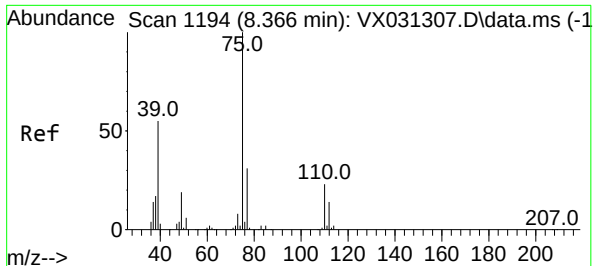
Tgt Ion: 43 Resp: 46716

Ion Ratio Lower Upper

43 100

58 7.3 30.6 46.0#

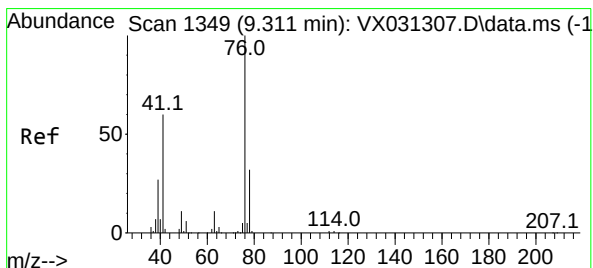
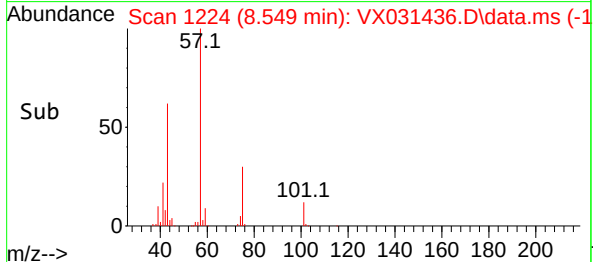
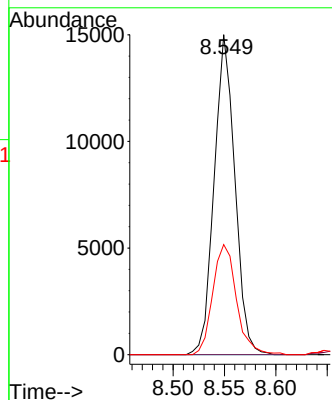
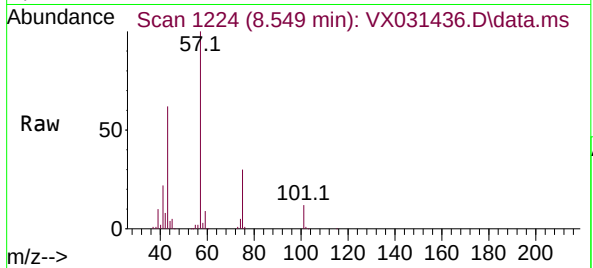




#54
 cis-1,3-Dichloropropene
 Concen: 7.761 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX031436.D
 Acq: 17 Sep 2022 01:46

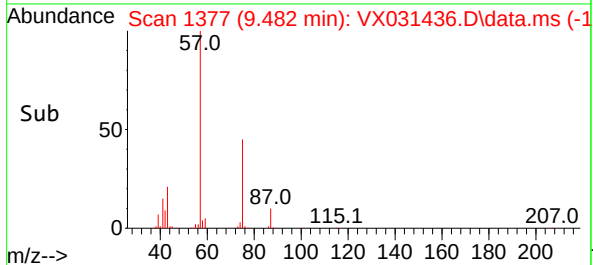
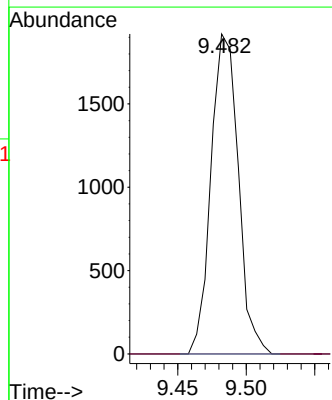
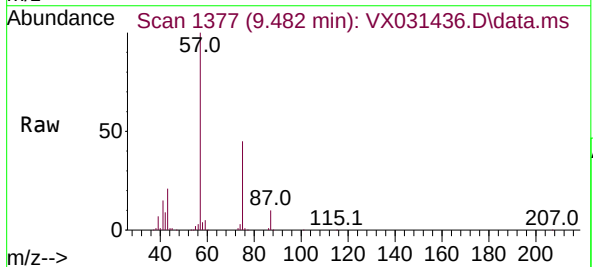
Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#05

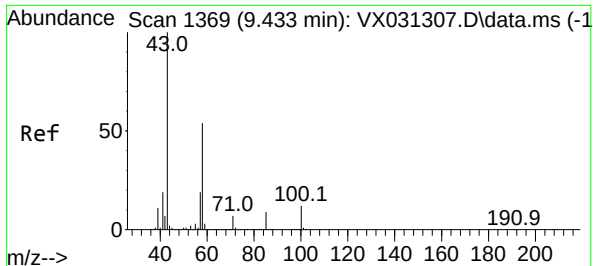
Tgt Ion: 75 Resp: 21018
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.4 36.6#
 39 34.4 43.7 65.5#



#57
 1,3-Dichloropropane
 Concen: 0.955 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX031436.D
 Acq: 17 Sep 2022 01:46

Tgt Ion: 76 Resp: 2658
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#





#59

2-Hexanone

Concen: 17.805 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX031436.D

Acq: 17 Sep 2022 01:46

Instrument :

MSVOA_X

ClientSampleId :

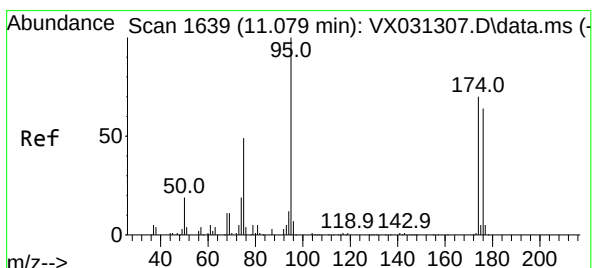
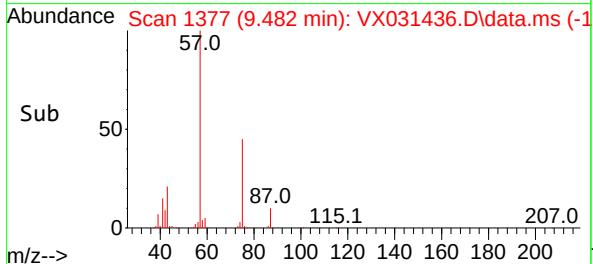
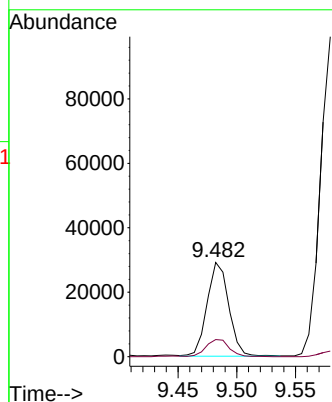
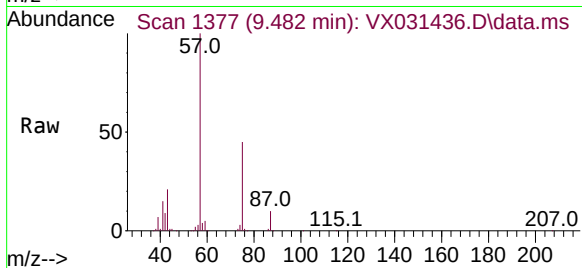
PB147603ZHE#05

Tgt Ion: 43 Resp: 37416

Ion Ratio Lower Upper

43 100

58 19.7 26.7 80.0#



#62

4-Bromofluorobenzene

Concen: 26.585 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031436.D

Acq: 17 Sep 2022 01:46

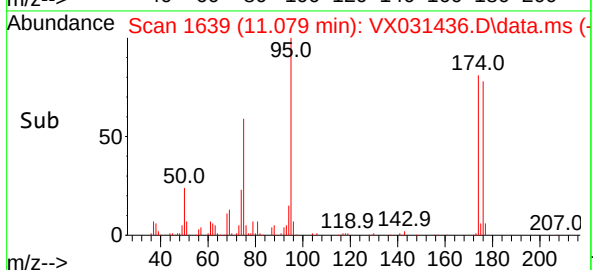
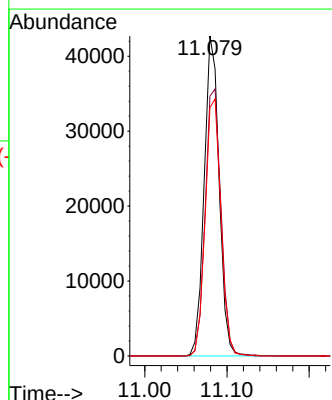
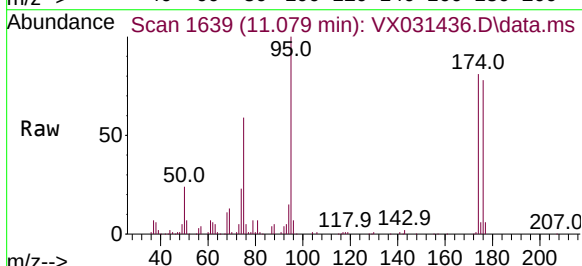
Tgt Ion: 95 Resp: 53876

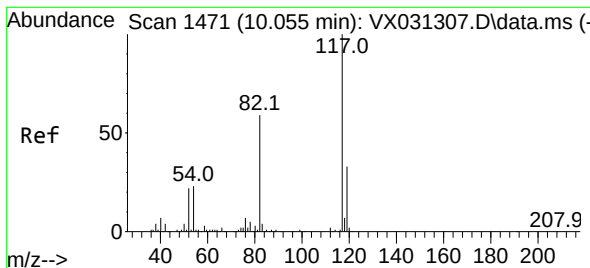
Ion Ratio Lower Upper

95 100

174 88.2 0.0 153.2

176 84.7 0.0 144.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031436.D

Acq: 17 Sep 2022 01:46

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#05

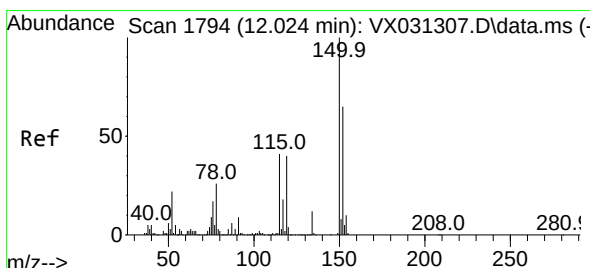
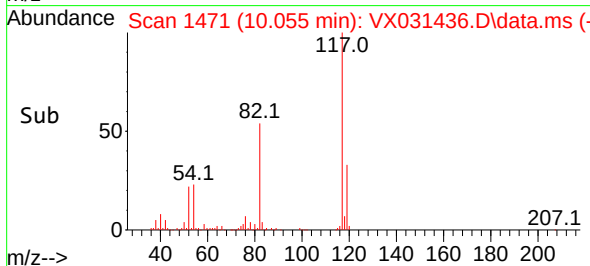
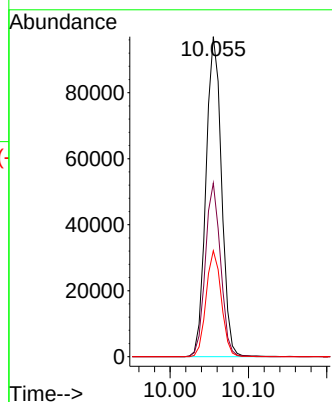
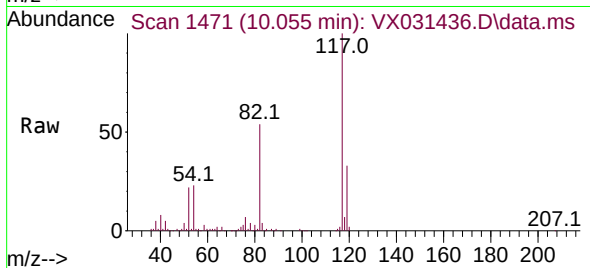
Tgt Ion:117 Resp: 133305

Ion Ratio Lower Upper

117 100

82 54.2 46.8 70.2

119 33.1 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX031436.D

Acq: 17 Sep 2022 01:46

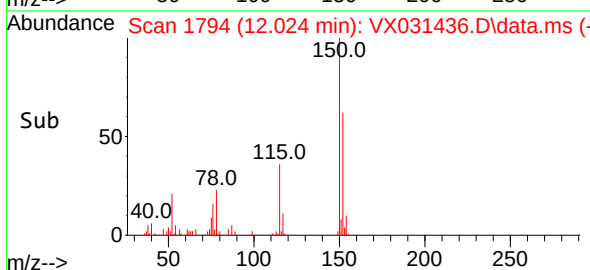
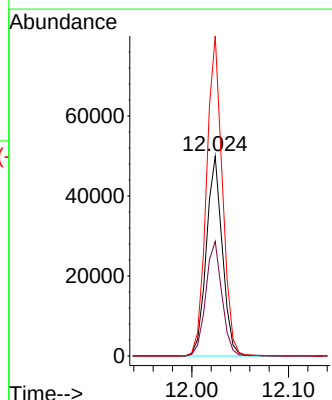
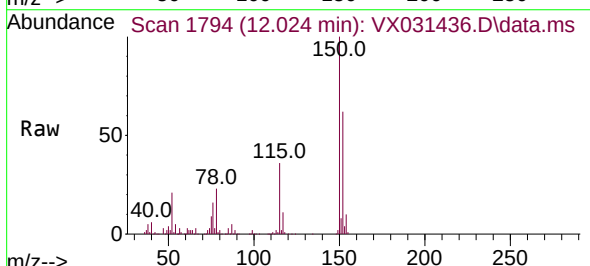
Tgt Ion:152 Resp: 57543

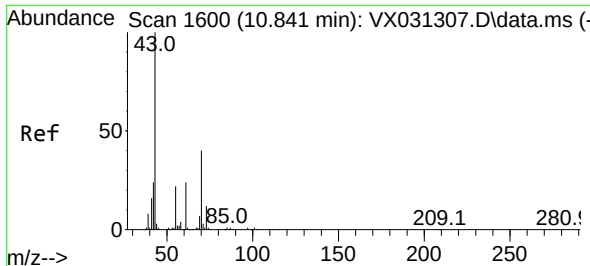
Ion Ratio Lower Upper

152 100

115 57.9 43.4 130.1

150 159.1 0.0 346.8

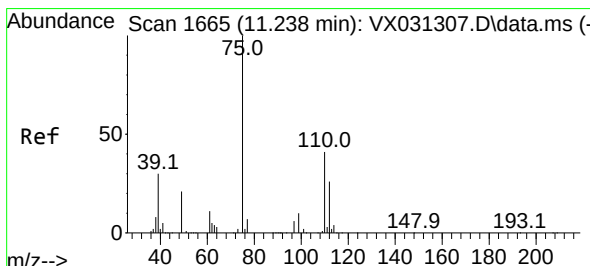
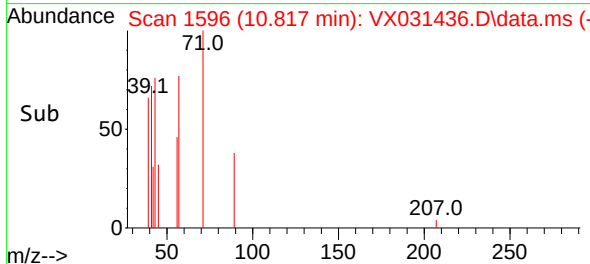
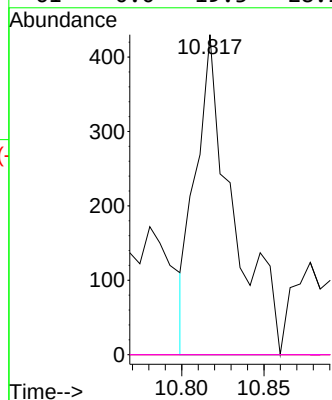
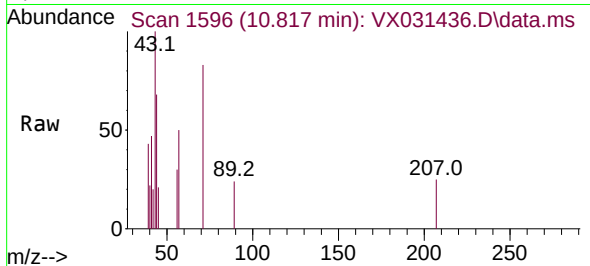




#74
N-amy1 acetate
Concen: 0.320 ug/l
RT: 10.817 min Scan# 1639
Delta R.T. -0.024 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

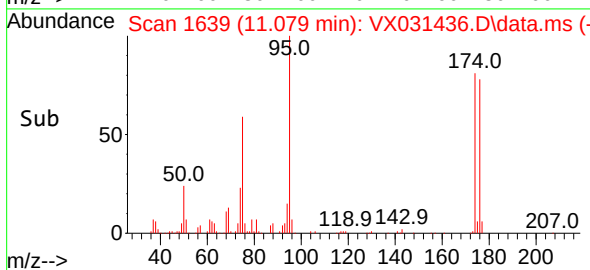
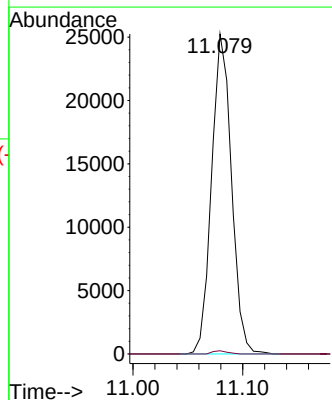
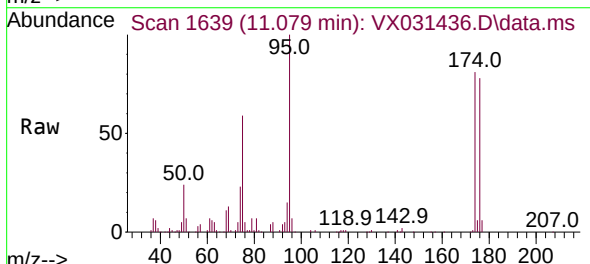
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#05

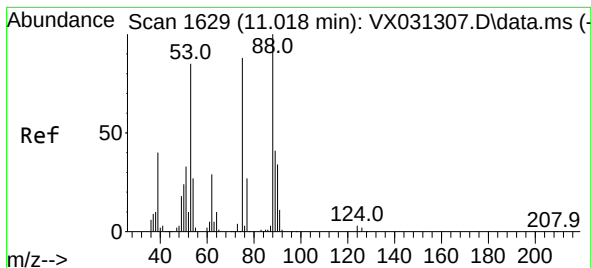
Tgt Ion: 43	Resp: 677
Ion Ratio	Lower Upper
43 100	
70 0.0	33.4 50.2#
55 0.0	18.2 27.2#
61 0.0	19.3 28.9#



#76
1,2,3-Trichloropropane
Concen: 21.940 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031436.D
Acq: 17 Sep 2022 01:46

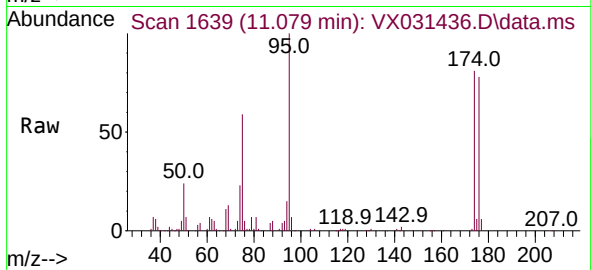
Tgt Ion: 75	Resp: 31815
Ion Ratio	Lower Upper
75 100	
77 0.7	20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.708 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031436.D
 Acq: 17 Sep 2022 01:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#05



Tgt Ion: 75 Resp: 31815
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

