

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031437.D
 Acq On : 17 Sep 2022 02:09
 Operator : JC/MD
 Sample : PB147603ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#06

Quant Time: Sep 17 04:29:49 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)

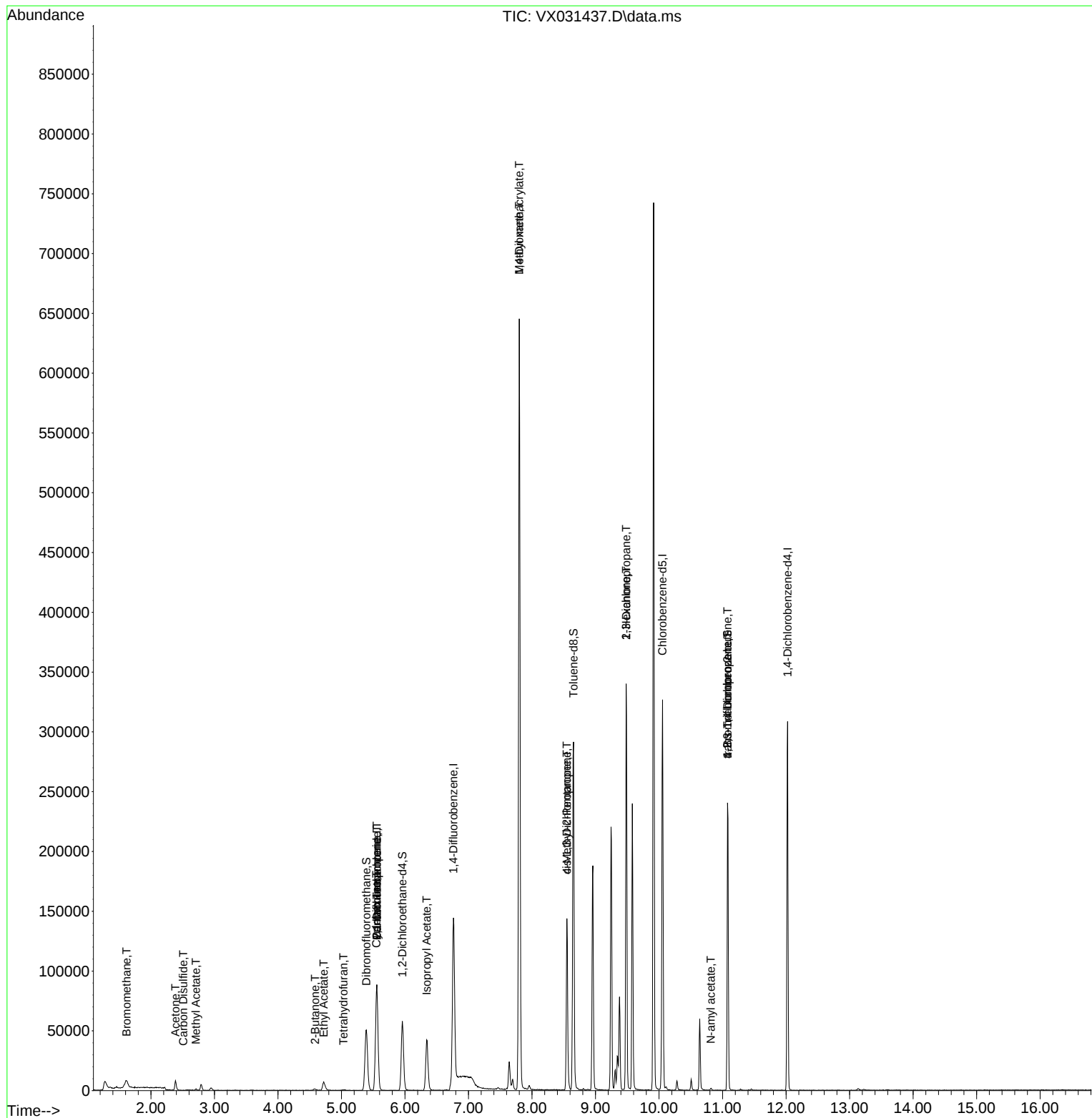
Internal Standards						
1) Pentafluorobenzene	5.556	168	81532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50323	25.146	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	50.300%#
35) Dibromofluoromethane	5.391	113	42646	28.558	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	57.120%#
50) Toluene-d8	8.653	98	170139	30.373	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	60.740%#
62) 4-Bromofluorobenzene	11.079	95	54821	26.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	53.460%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	231	Below Cal	#	41
5) Bromomethane	1.617	94	515	0.482	ug/l #	78
11) Tert butyl alcohol	2.953	59	1295	Below Cal	#	73
16) Acetone	2.386	43	8511	9.962	ug/l	100
17) Carbon Disulfide	2.508	76	101	0.916	ug/l #	75
18) Methyl Acetate	2.709	43	1303	0.514	ug/l #	84
20) Methylene Chloride	2.788	84	2276	Below Cal		89
25) 2-Butanone	4.586	43	1482	1.052	ug/l #	69
29) Tetrahydrofuran	5.032	42	492	0.564	ug/l #	46
31) Cyclohexane	5.550	56	2082	0.968	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	6424	3.143	ug/l #	50
37) Ethyl Acetate	4.721	43	12489	4.650	ug/l	98
38) Carbon Tetrachloride	5.556	117	8327	3.748	ug/l #	16
43) Isopropyl Acetate	6.342	43	58075	12.667	ug/l	99
48) Methyl methacrylate	7.799	41	55388	26.538	ug/l #	46
49) 1,4-Dioxane	7.799	88	28	0.669	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	48973	17.573	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	21929	8.000	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	2895	1.028	ug/l #	43
59) 2-Hexanone	9.482	43	37551	17.654	ug/l #	53
74) N-amyl acetate	10.817	43	497	0.225	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	31810	20.973	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31810	58.032	ug/l #	11

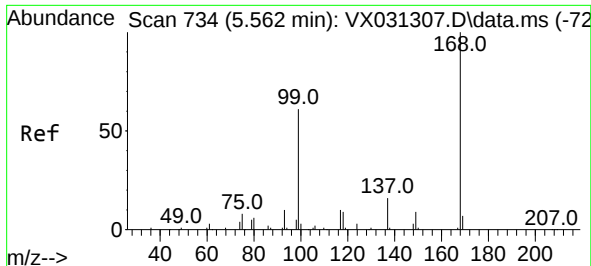
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
Data File : VX031437.D
Acq On : 17 Sep 2022 02:09
Operator : JC/MD
Sample : PB147603ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#06

Quant Time: Sep 17 04:29:49 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: VX031437.D

Acq: 17 Sep 2022 02:09

Instrument :

MSVOA_X

ClientSampleId :

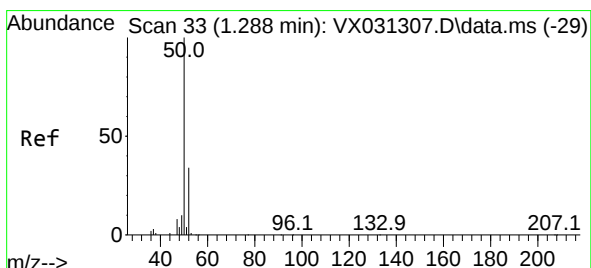
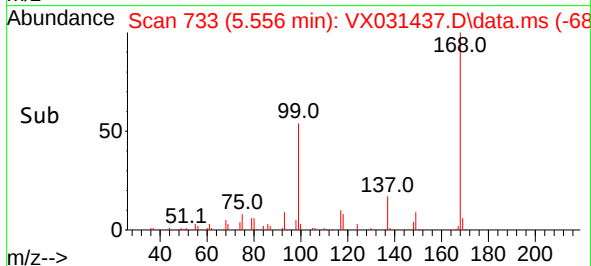
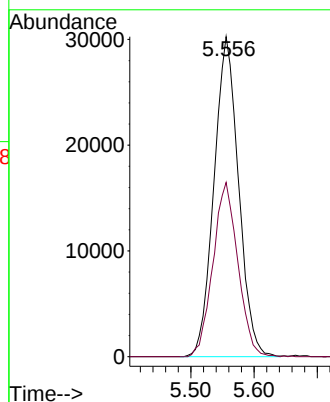
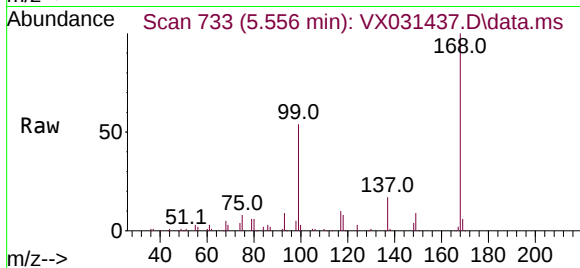
PB147603ZHE#06

Tgt Ion:168 Resp: 81532

Ion Ratio Lower Upper

168 100

99 54.4 48.8 73.2



#3

Chloromethane

Concen: Below Cal

RT: 1.300 min Scan# 35

Delta R.T. 0.012 min

Lab File: VX031437.D

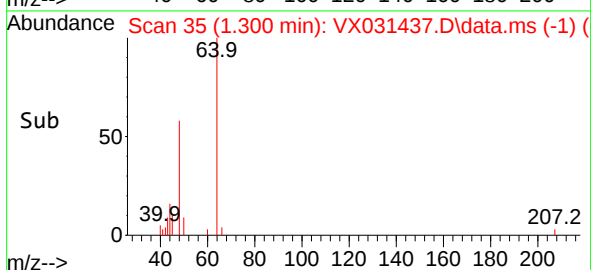
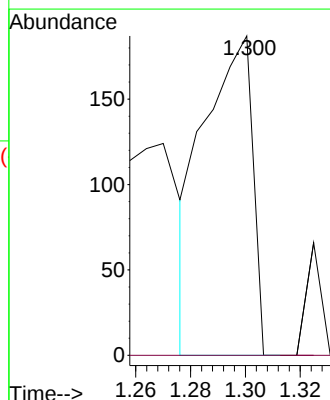
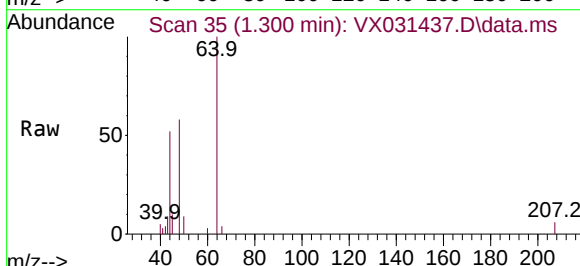
Acq: 17 Sep 2022 02:09

Tgt Ion: 50 Resp: 231

Ion Ratio Lower Upper

50 100

52 0.0 26.9 40.3#

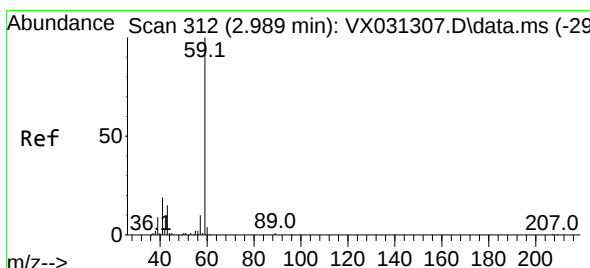
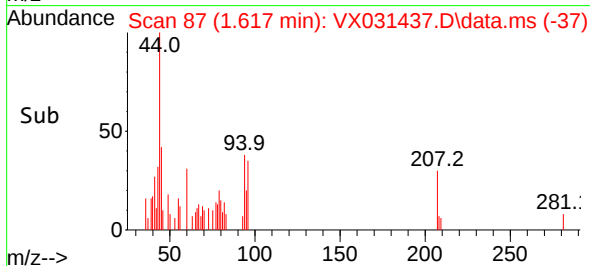
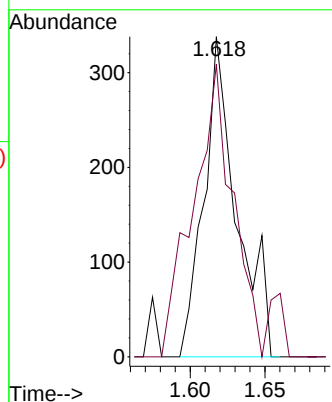
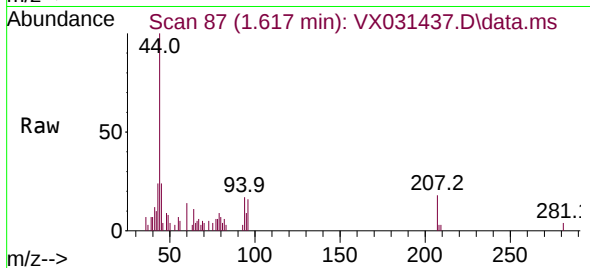




#5
Bromomethane
Concen: 0.482 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

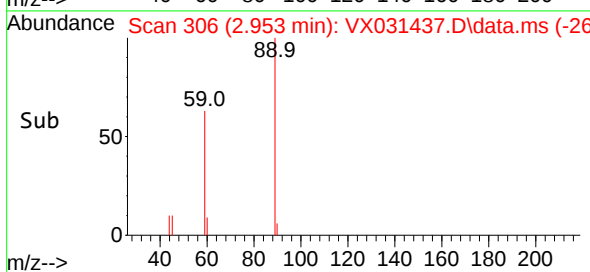
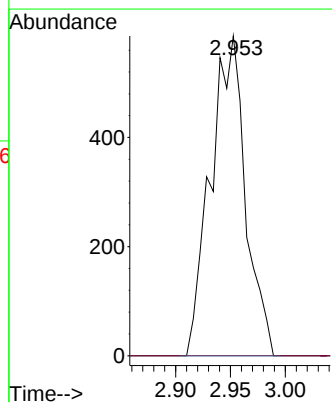
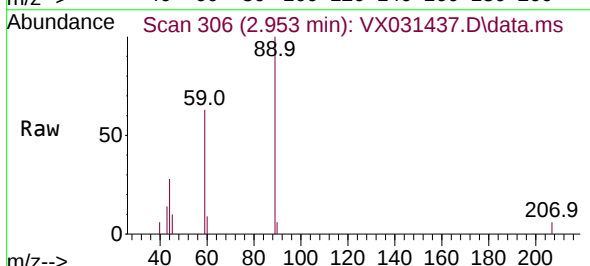
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#06

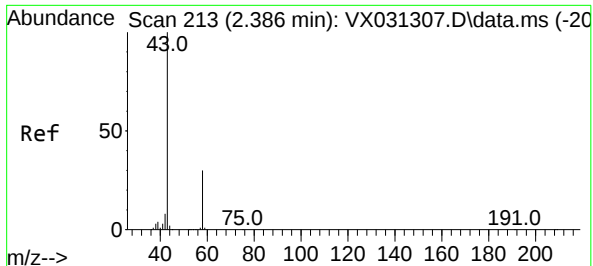
Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 71.6 74.4 111.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

Tgt Ion: 59 Resp: 1295
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

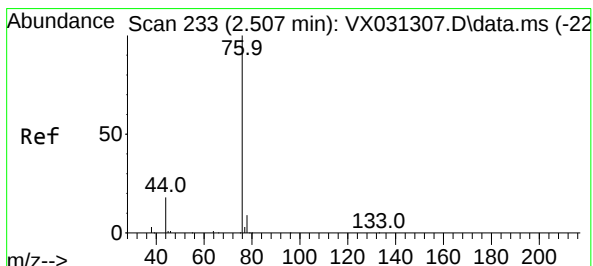
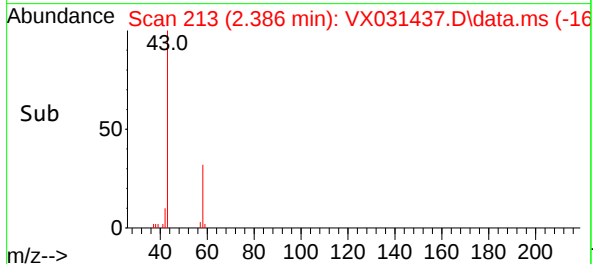
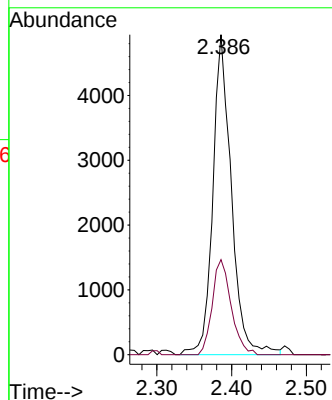
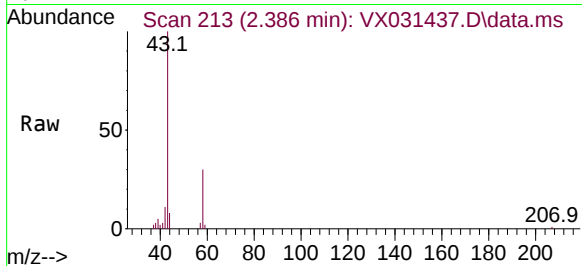




#16
Acetone
Concen: 9.962 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

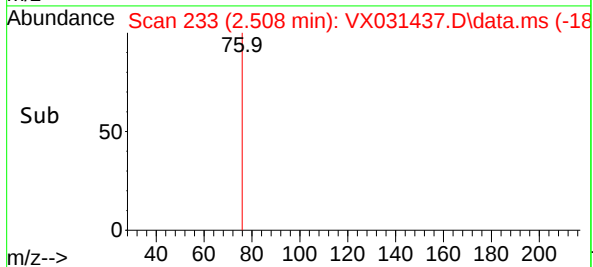
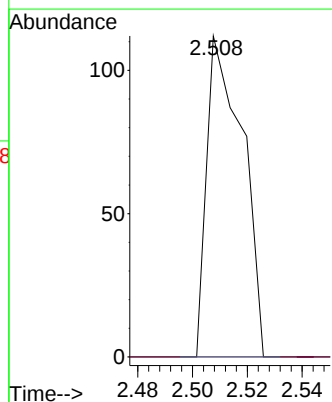
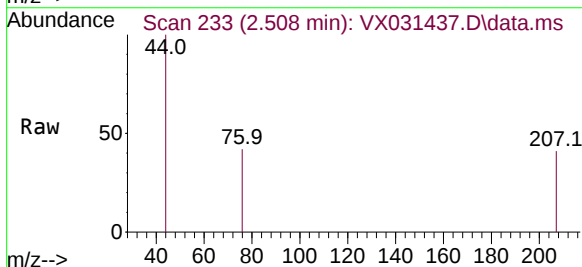
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#06

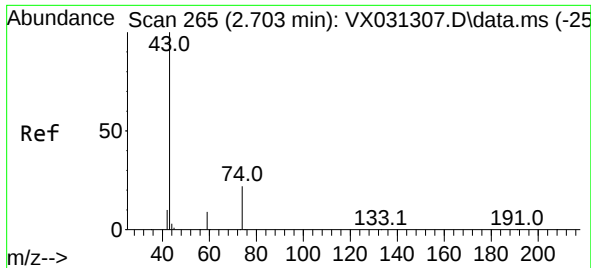
Tgt Ion: 43 Resp: 8511
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.8



#17
Carbon Disulfide
Concen: 0.916 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.001 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

Tgt Ion: 76 Resp: 101
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

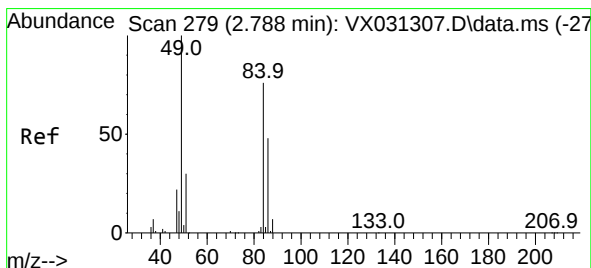
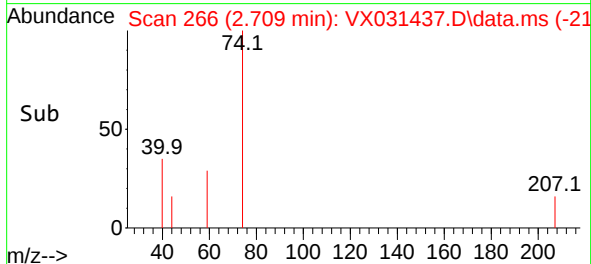
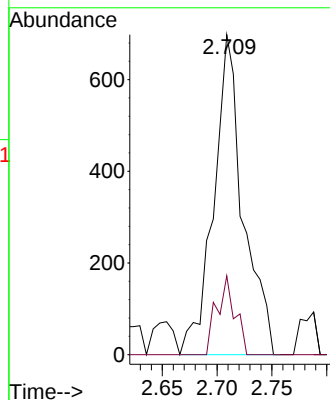
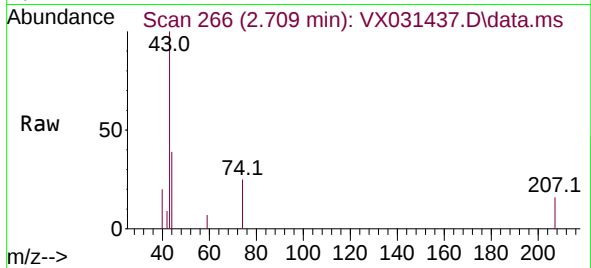




#18
Methyl Acetate
Concen: 0.514 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

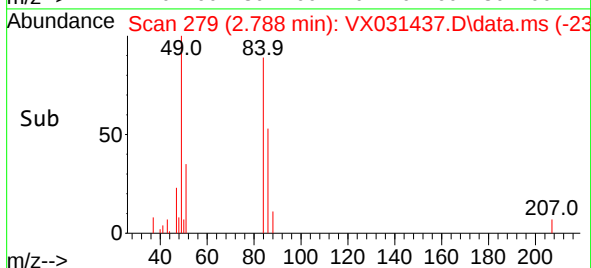
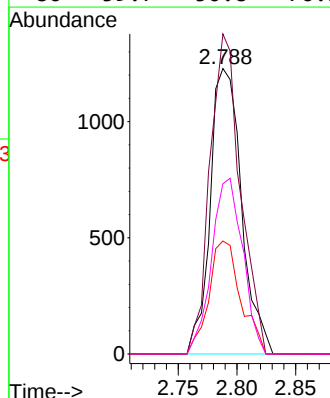
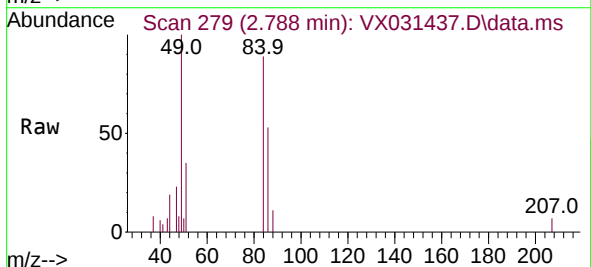
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#06

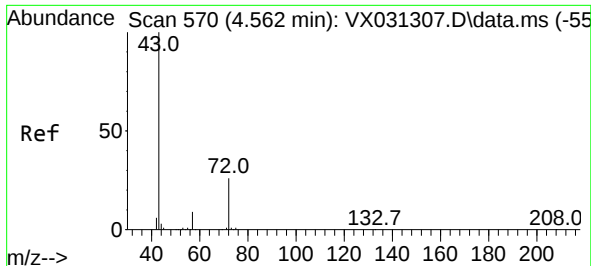
Tgt Ion: 43 Resp: 1303
Ion Ratio Lower Upper
43 100
74 15.2 18.6 27.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

Tgt Ion: 84 Resp: 2276
Ion Ratio Lower Upper
84 100
49 112.1 105.9 158.9
51 39.6 32.2 48.2
86 59.7 50.8 76.2





#25

2-Butanone

Concen: 1.052 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX031437.D

Acq: 17 Sep 2022 02:09

Instrument :

MSVOA_X

ClientSampleId :

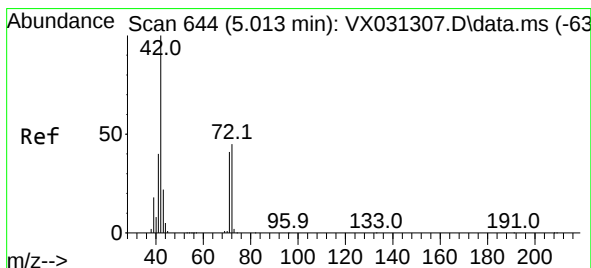
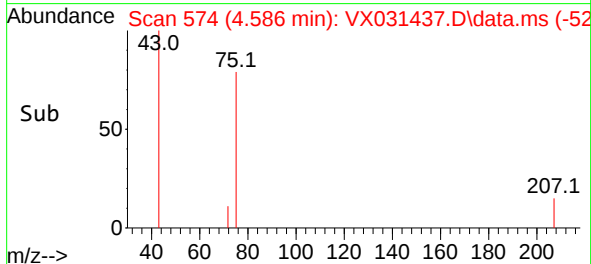
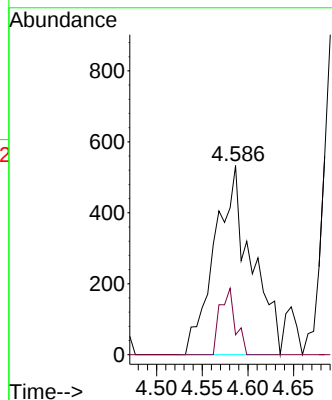
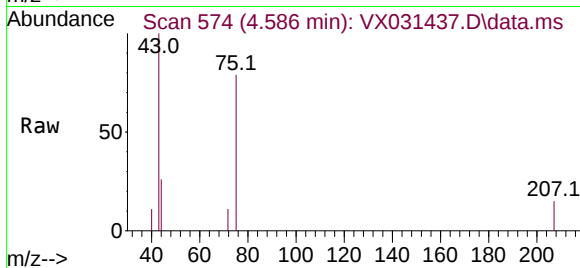
PB147603ZHE#06

Tgt Ion: 43 Resp: 1482

Ion Ratio Lower Upper

43 100

72 10.5 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.564 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX031437.D

Acq: 17 Sep 2022 02:09

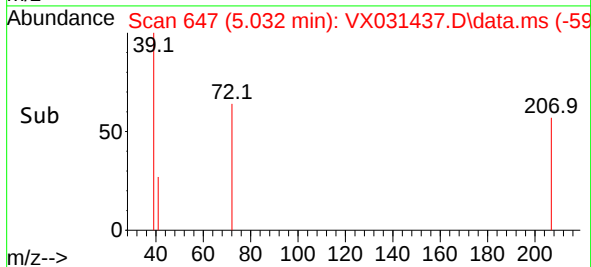
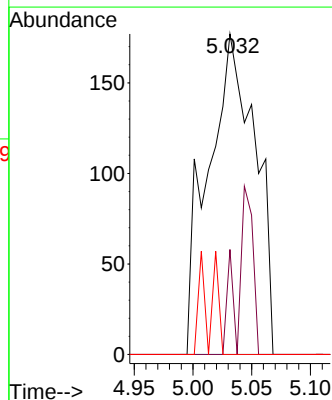
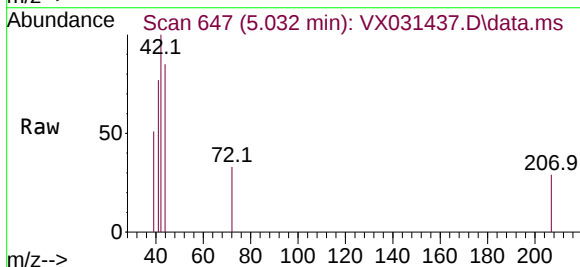
Tgt Ion: 42 Resp: 492

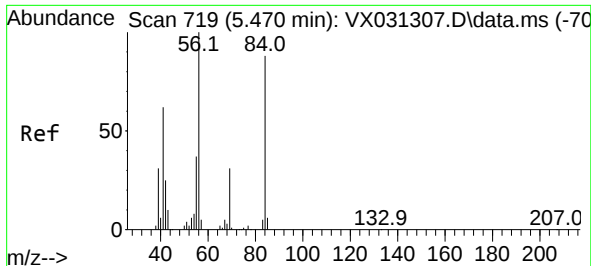
Ion Ratio Lower Upper

42 100

72 16.9 36.4 54.6#

71 0.0 33.5 50.3#

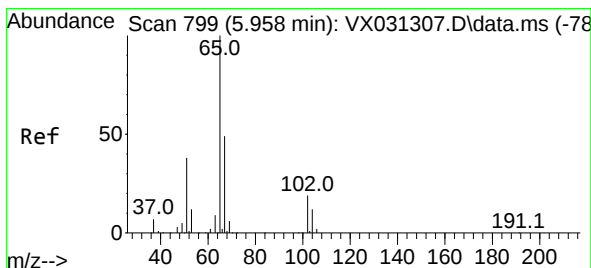
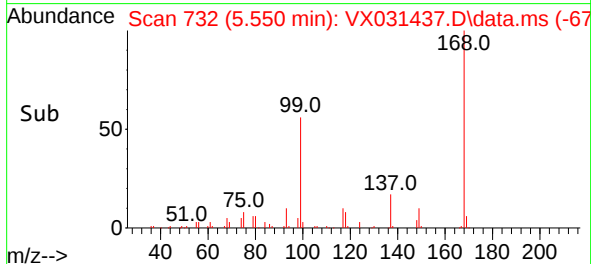
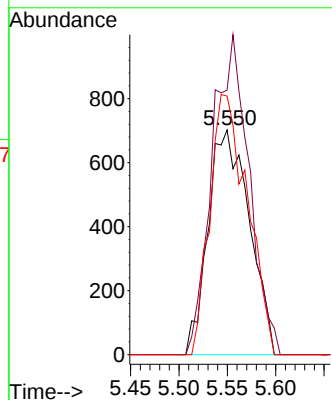
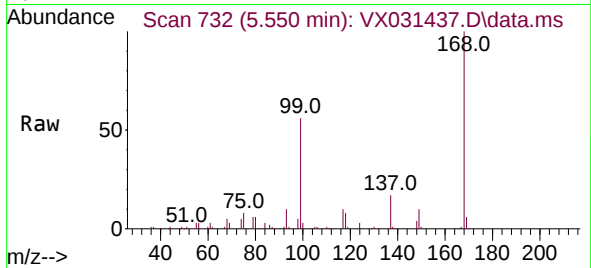




#31
Cyclohexane
Concen: 0.968 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

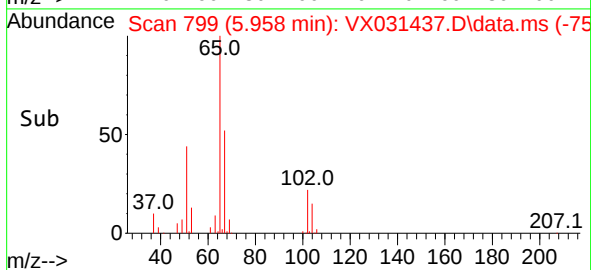
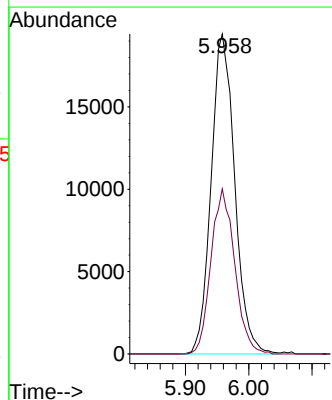
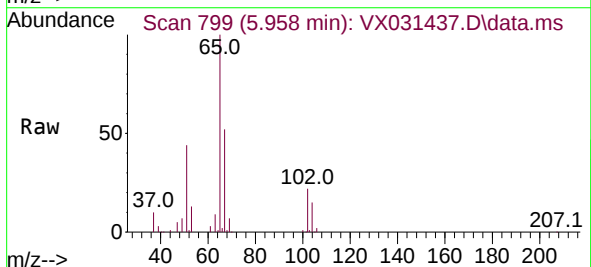
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#06

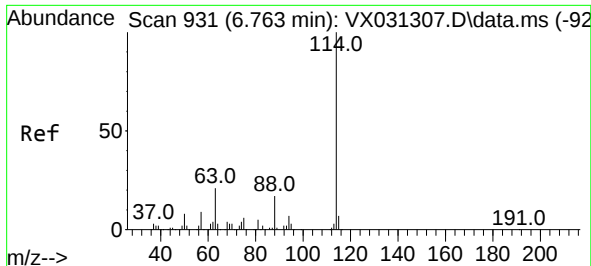
Tgt Ion: 56 Resp: 2082
Ion Ratio Lower Upper
56 100
69 117.8 25.1 37.7#
84 115.1 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 25.146 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

Tgt Ion: 65 Resp: 50323
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4

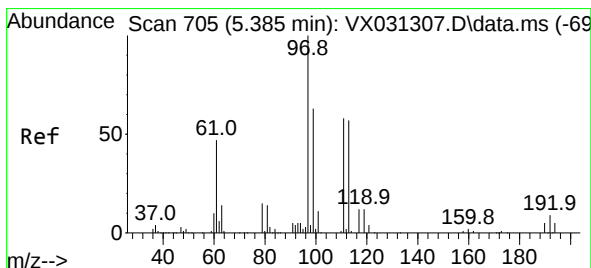
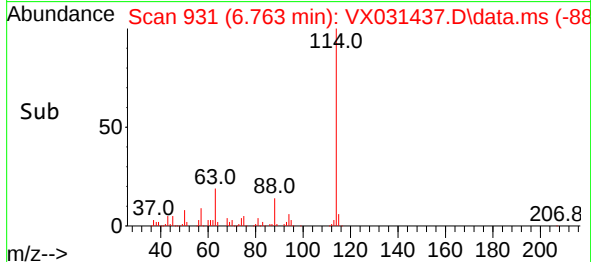
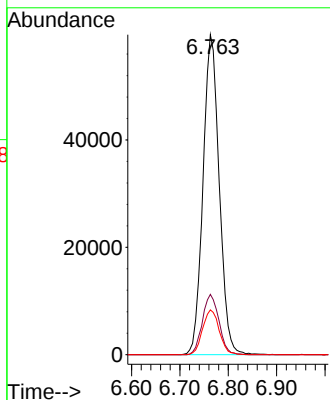
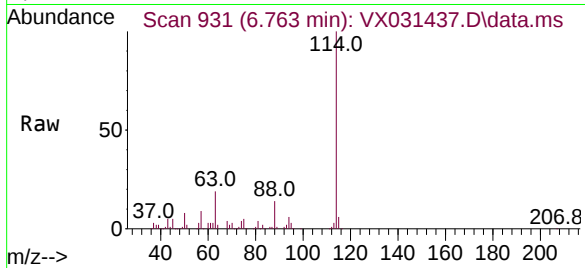




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

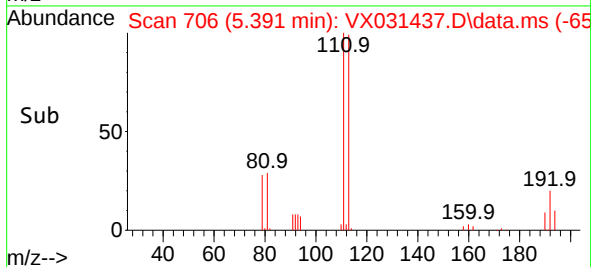
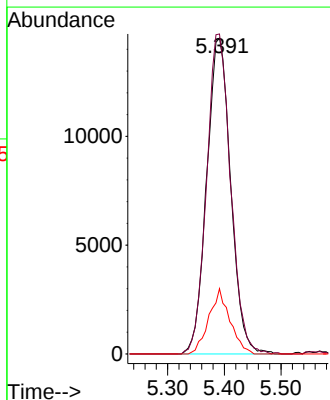
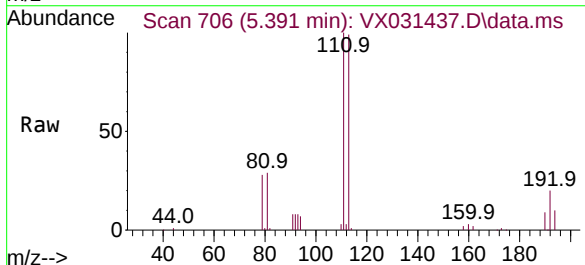
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#06

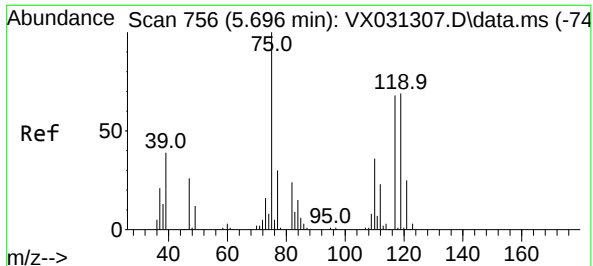
Tgt Ion:114 Resp: 138922
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.6
88 14.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 28.558 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

Tgt Ion:113 Resp: 42646
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 18.1 14.1 21.1

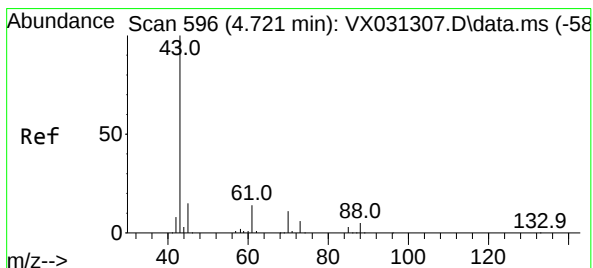
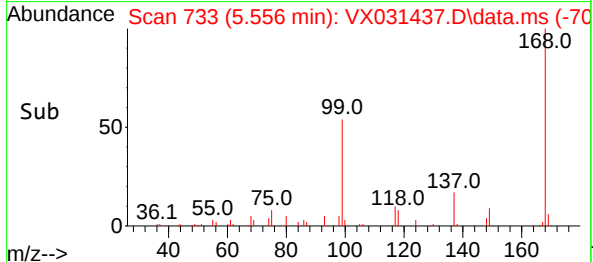
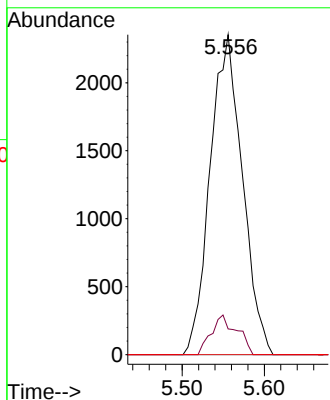
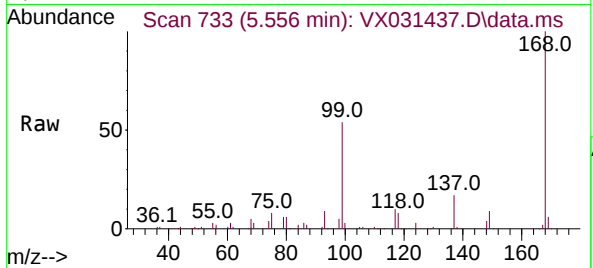




#36
1,1-Dichloropropene
Concen: 3.143 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

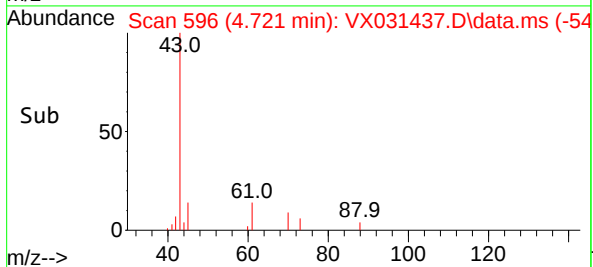
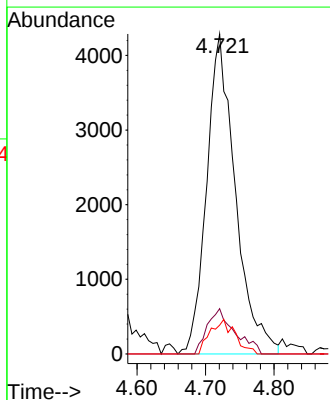
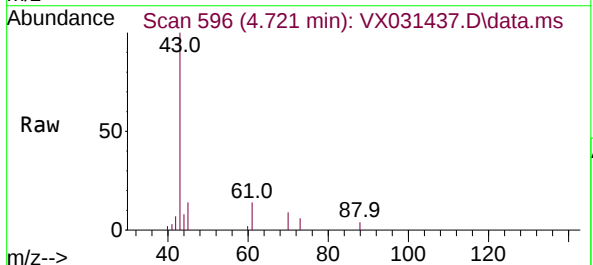
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#06

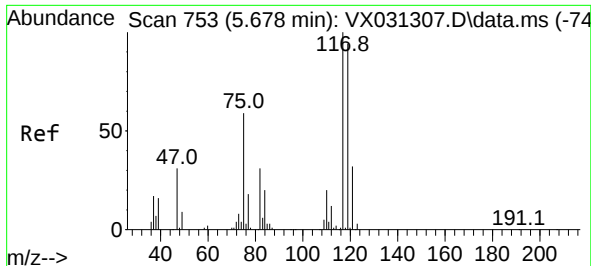
Tgt Ion: 75 Resp: 6424
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 4.650 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

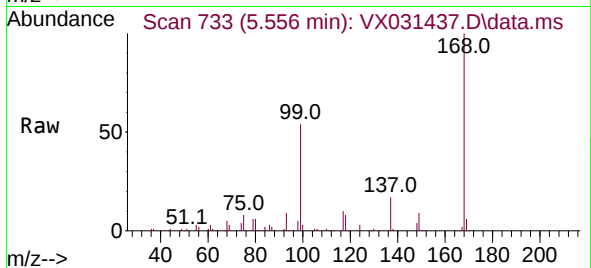
Tgt Ion: 43 Resp: 12489
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 9.3 8.6 13.0



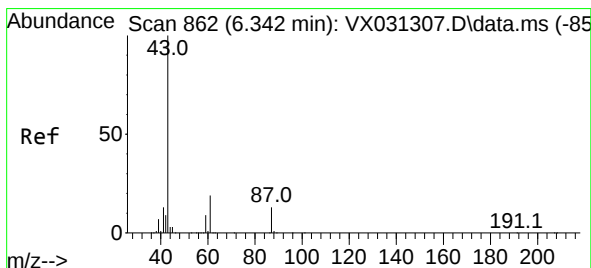
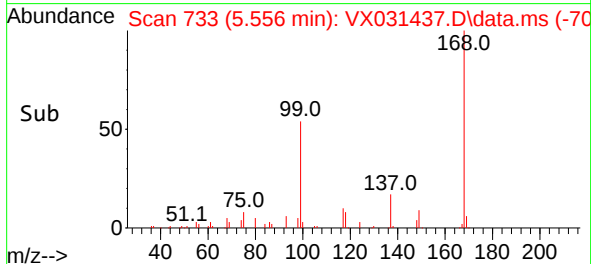
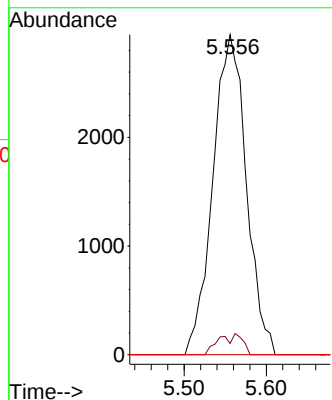


#38
Carbon Tetrachloride
Concen: 3.748 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#06

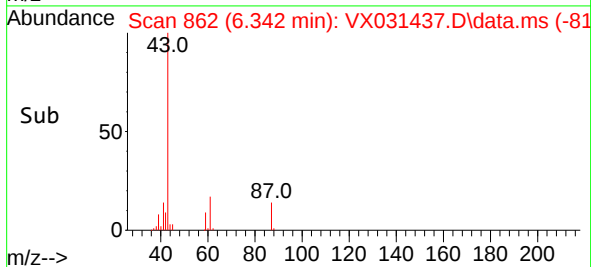
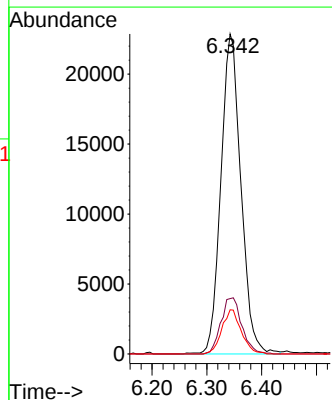
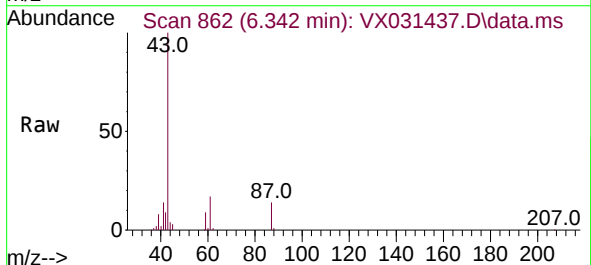


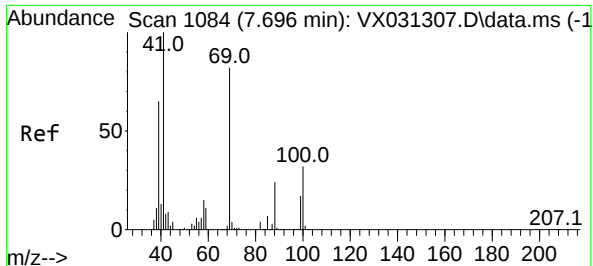
Tgt Ion:117 Resp: 8327
Ion Ratio Lower Upper
117 100
119 3.5 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 12.667 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

Tgt Ion: 43 Resp: 58075
Ion Ratio Lower Upper
43 100
61 18.3 15.3 22.9
87 13.4 10.6 15.8





#48

Methyl methacrylate

Concen: 26.538 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX031437.D

Acq: 17 Sep 2022 02:09

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#06

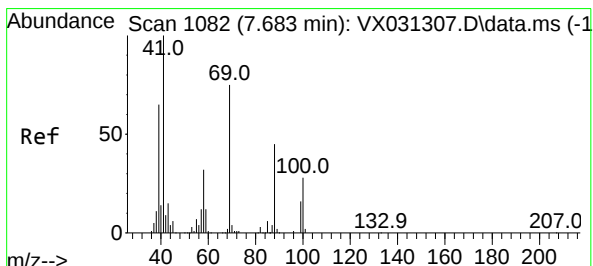
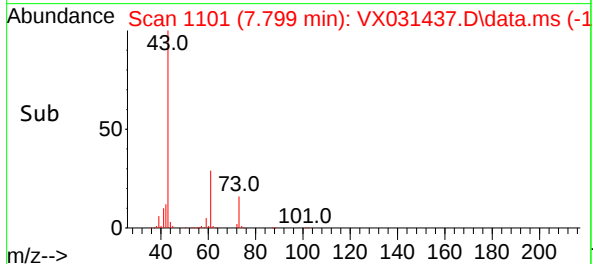
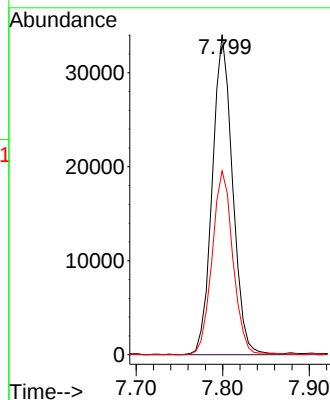
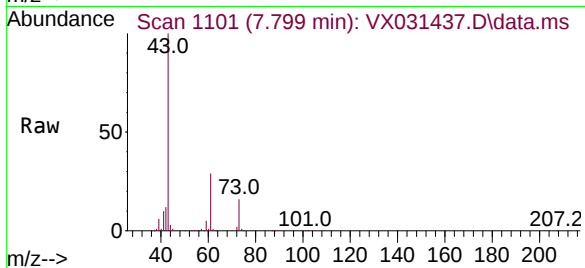
Tgt Ion: 41 Resp: 55388

Ion Ratio Lower Upper

41 100

69 0.0 64.6 96.8#

39 59.1 51.4 77.0



#49

1,4-Dioxane

Concen: 0.669 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.116 min

Lab File: VX031437.D

Acq: 17 Sep 2022 02:09

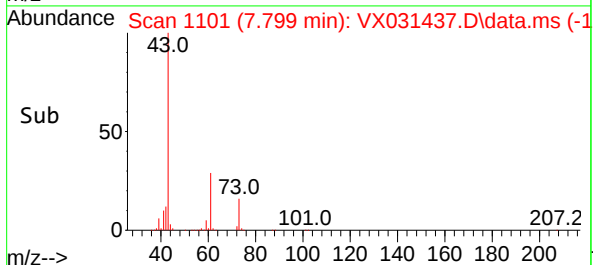
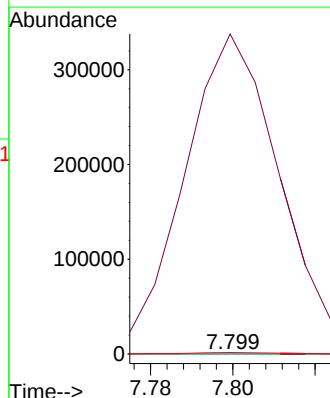
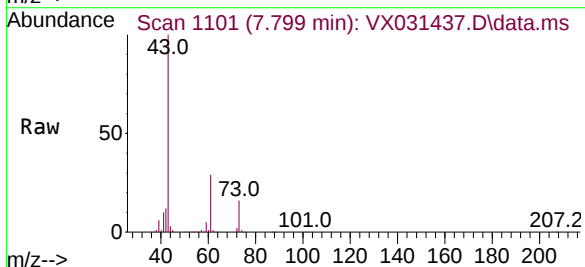
Tgt Ion: 88 Resp: 28

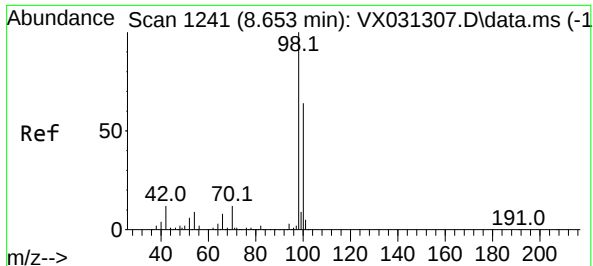
Ion Ratio Lower Upper

88 100

43 1980960.7 27.1 40.7#

58 8885.7 53.9 80.9#

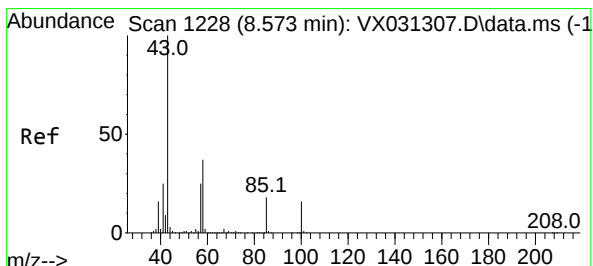
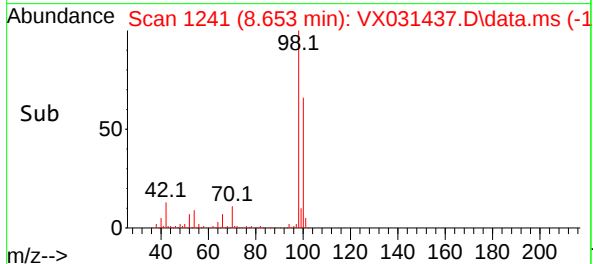
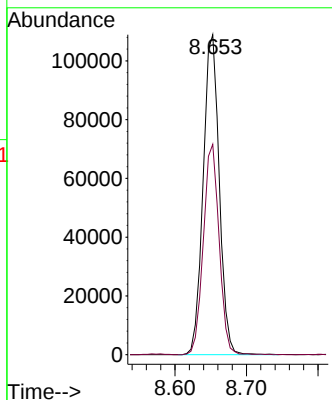
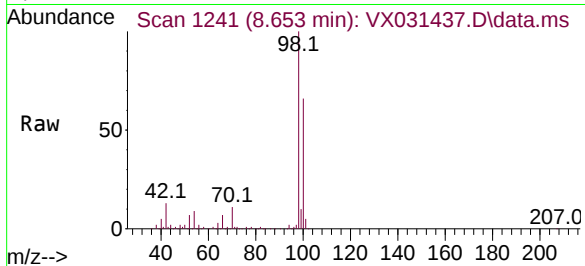




#50
Toluene-d8
Concen: 30.373 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

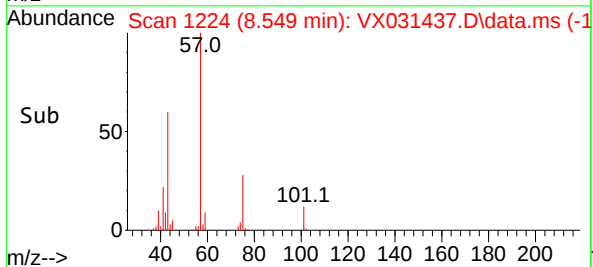
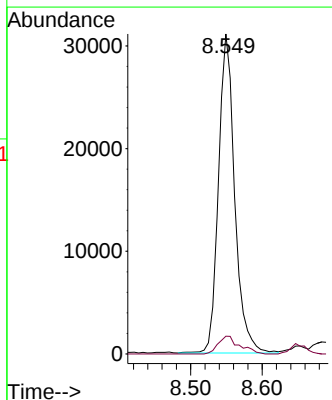
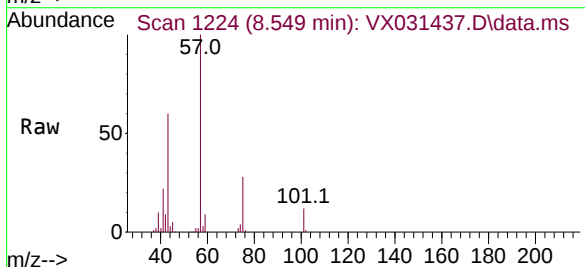
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#06

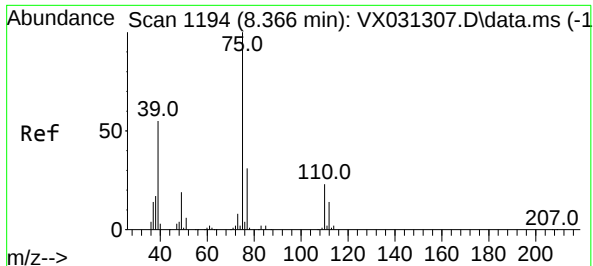
Tgt Ion: 98 Resp: 170139
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 17.573 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

Tgt Ion: 43 Resp: 48973
Ion Ratio Lower Upper
43 100
58 7.3 30.6 46.0#

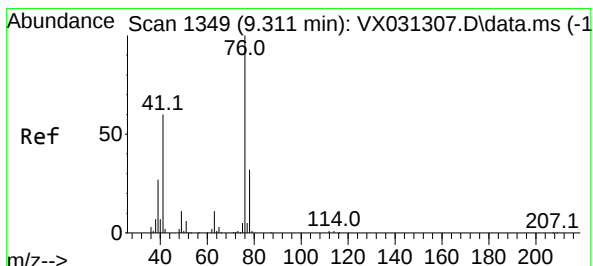
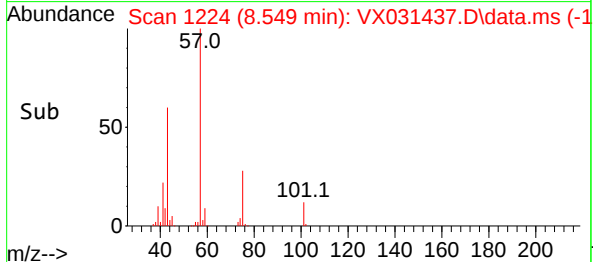
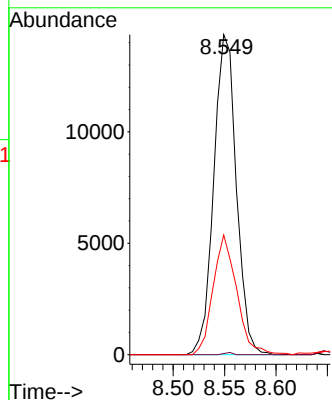
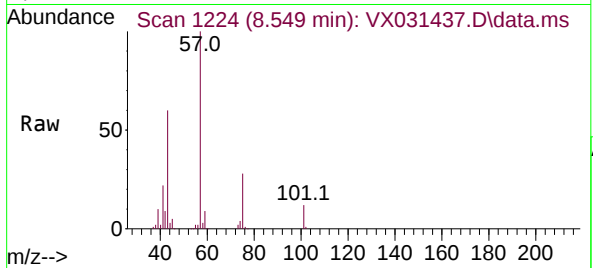




#54
 cis-1,3-Dichloropropene
 Concen: 8.000 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX031437.D
 Acq: 17 Sep 2022 02:09

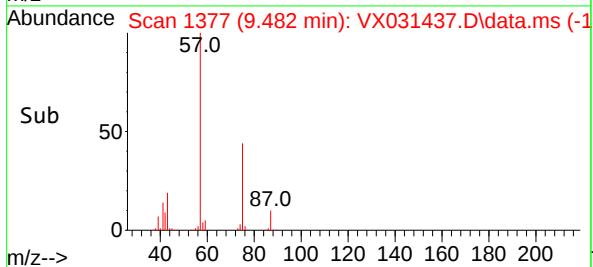
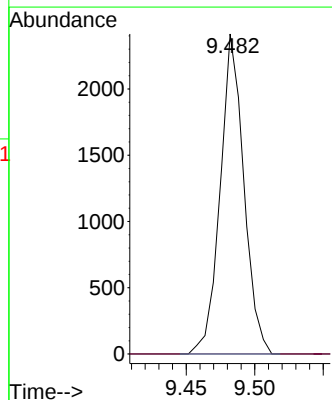
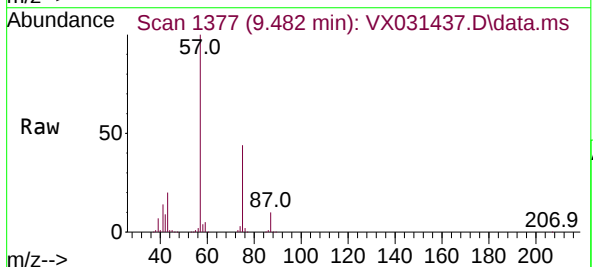
Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#06

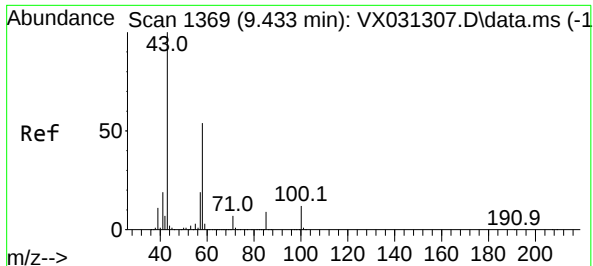
Tgt Ion: 75 Resp: 21929
 Ion Ratio Lower Upper
 75 100
 77 0.4 24.4 36.6#
 39 37.4 43.7 65.5#



#57
 1,3-Dichloropropane
 Concen: 1.028 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX031437.D
 Acq: 17 Sep 2022 02:09

Tgt Ion: 76 Resp: 2895
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#





#59

2-Hexanone

Concen: 17.654 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX031437.D

Acq: 17 Sep 2022 02:09

Instrument :

MSVOA_X

ClientSampleId :

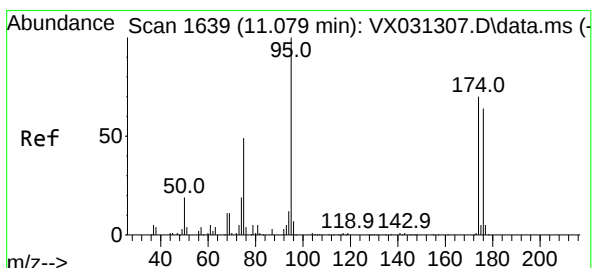
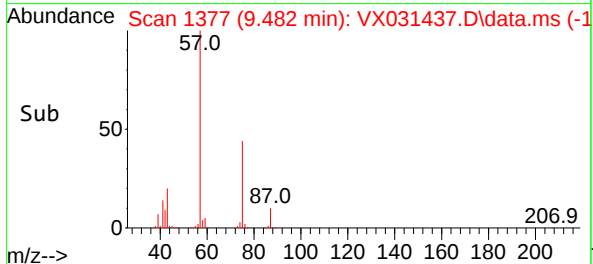
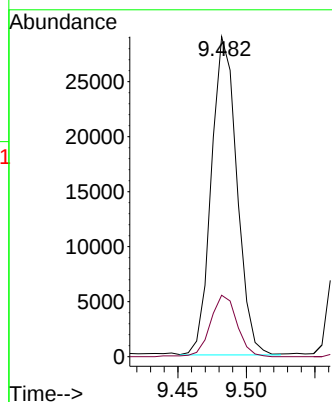
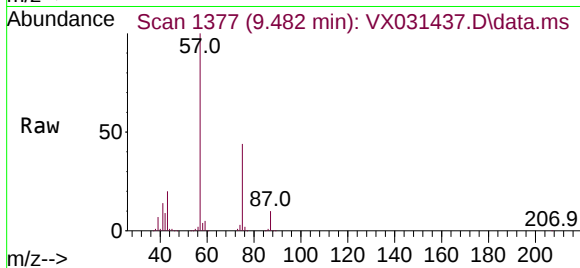
PB147603ZHE#06

Tgt Ion: 43 Resp: 37551

Ion Ratio Lower Upper

43 100

58 20.2 26.7 80.0#



#62

4-Bromofluorobenzene

Concen: 26.725 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031437.D

Acq: 17 Sep 2022 02:09

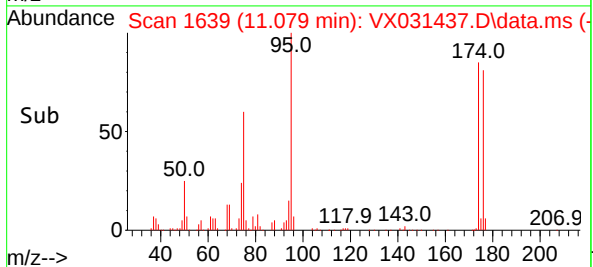
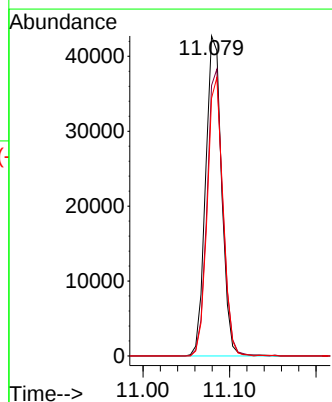
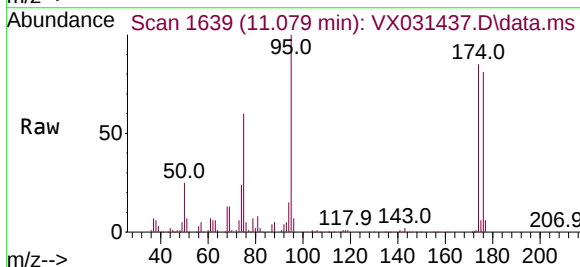
Tgt Ion: 95 Resp: 54821

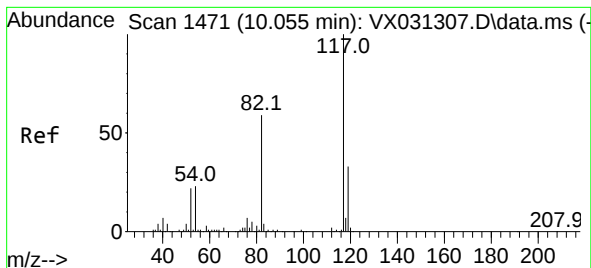
Ion Ratio Lower Upper

95 100

174 88.2 0.0 153.2

176 85.3 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: VX031437.D

Acq: 17 Sep 2022 02:09

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#06

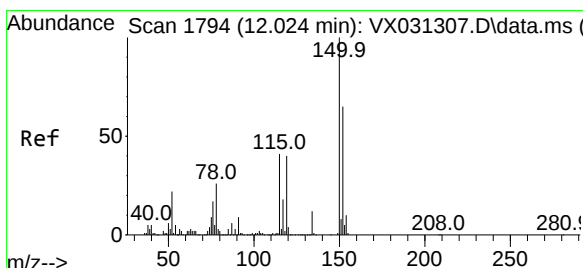
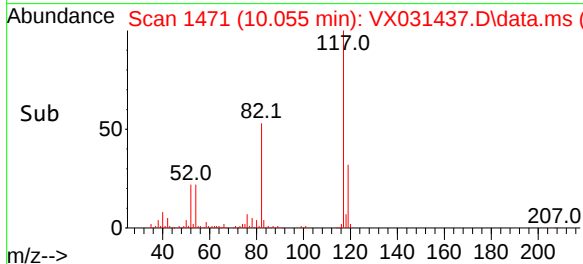
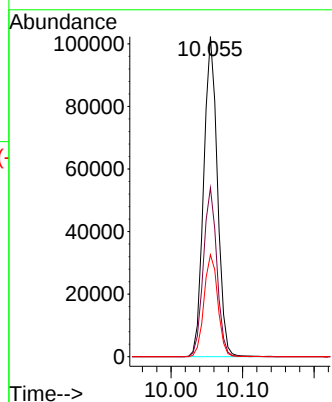
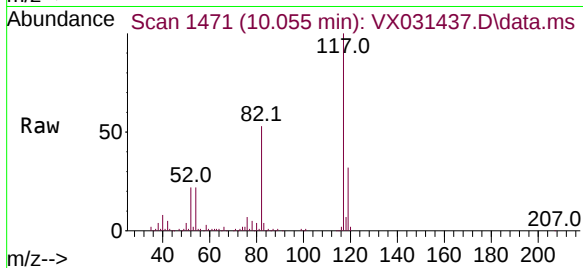
Tgt Ion:117 Resp: 136423

Ion Ratio Lower Upper

117 100

82 52.8 46.8 70.2

119 31.9 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: VX031437.D

Acq: 17 Sep 2022 02:09

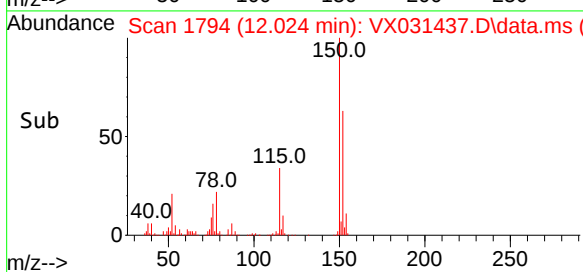
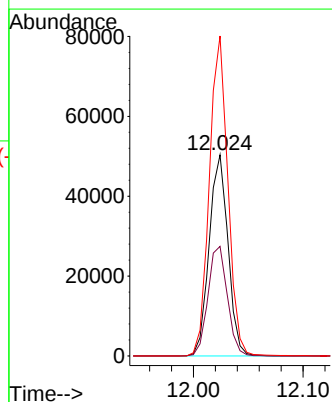
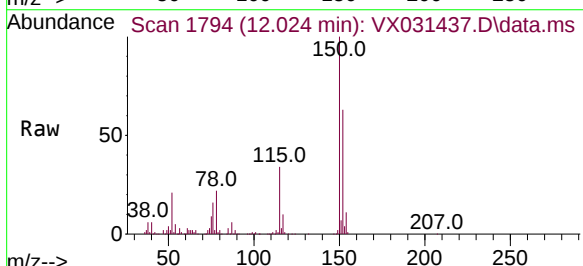
Tgt Ion:152 Resp: 60187

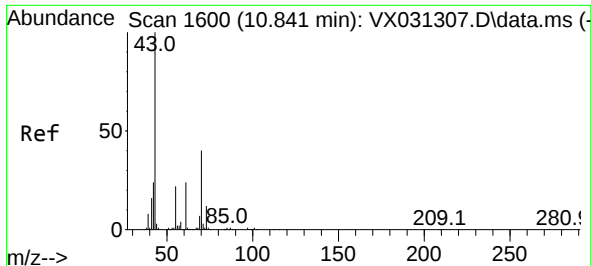
Ion Ratio Lower Upper

152 100

115 56.1 43.4 130.1

150 156.2 0.0 346.8

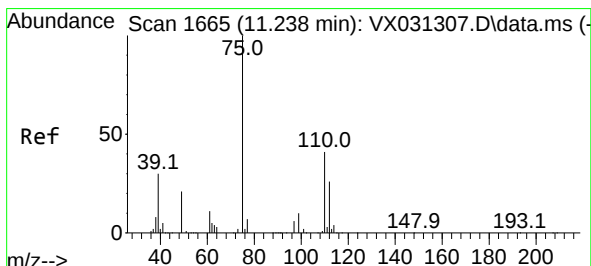
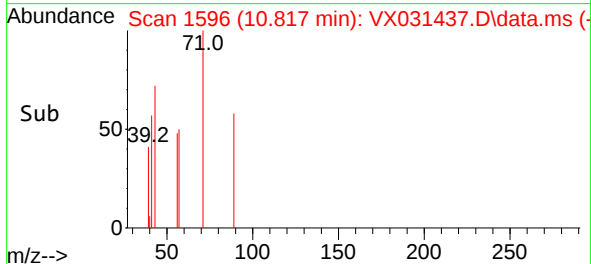
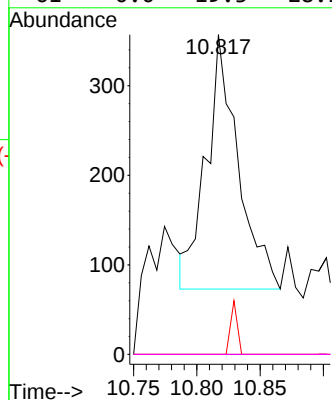
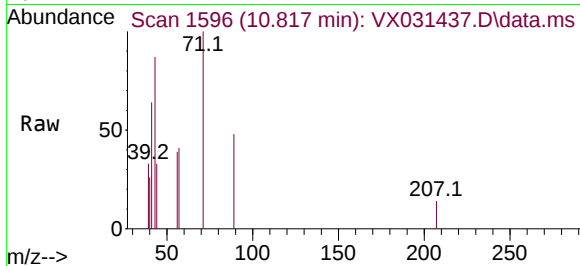




#74
N-amy1 acetate
Concen: 0.225 ug/l
RT: 10.817 min Scan# 1639
Delta R.T. -0.024 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

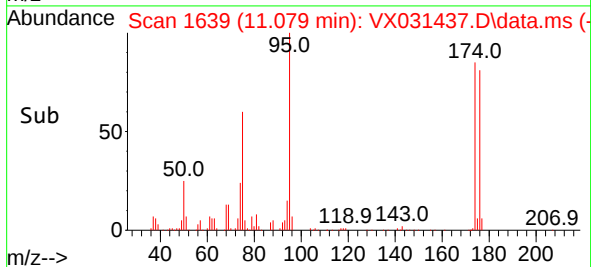
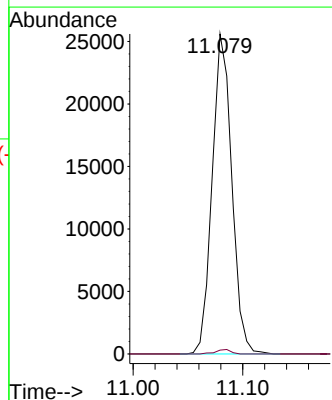
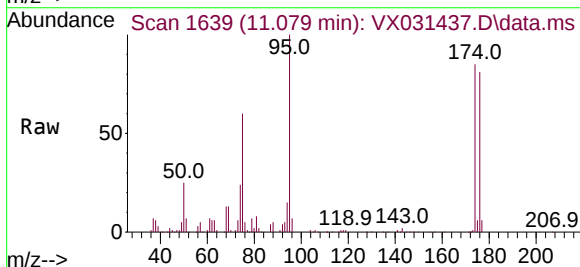
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#06

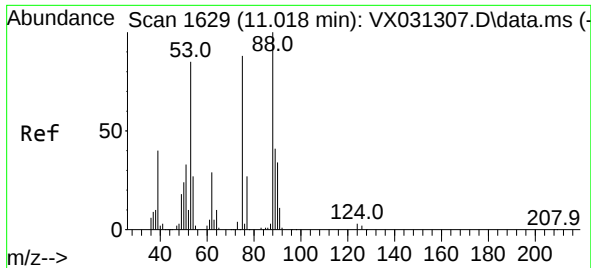
Tgt Ion: 43	Resp: 497
Ion Ratio	Lower Upper
43 100	
70 0.0	33.4 50.2#
55 4.4	18.2 27.2#
61 0.0	19.3 28.9#



#76
1,2,3-Trichloropropane
Concen: 20.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031437.D
Acq: 17 Sep 2022 02:09

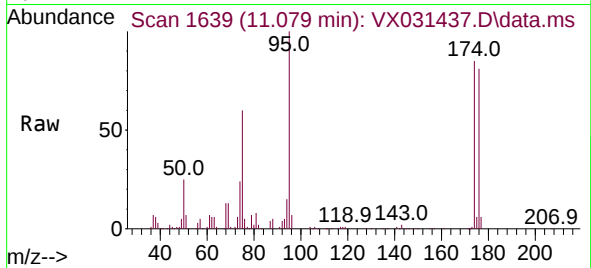
Tgt Ion: 75	Resp:	31810	
Ion Ratio	Lower	Upper	
75 100			
77 1.1	20.3	60.9#	





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.032 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031437.D
 Acq: 17 Sep 2022 02:09

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#06



Tgt Ion: 75 Resp: 31810
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

