

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031439.D
 Acq On : 17 Sep 2022 02:56
 Operator : JC/MD
 Sample : PB147603ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#08

Quant Time: Sep 17 04:30:22 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)

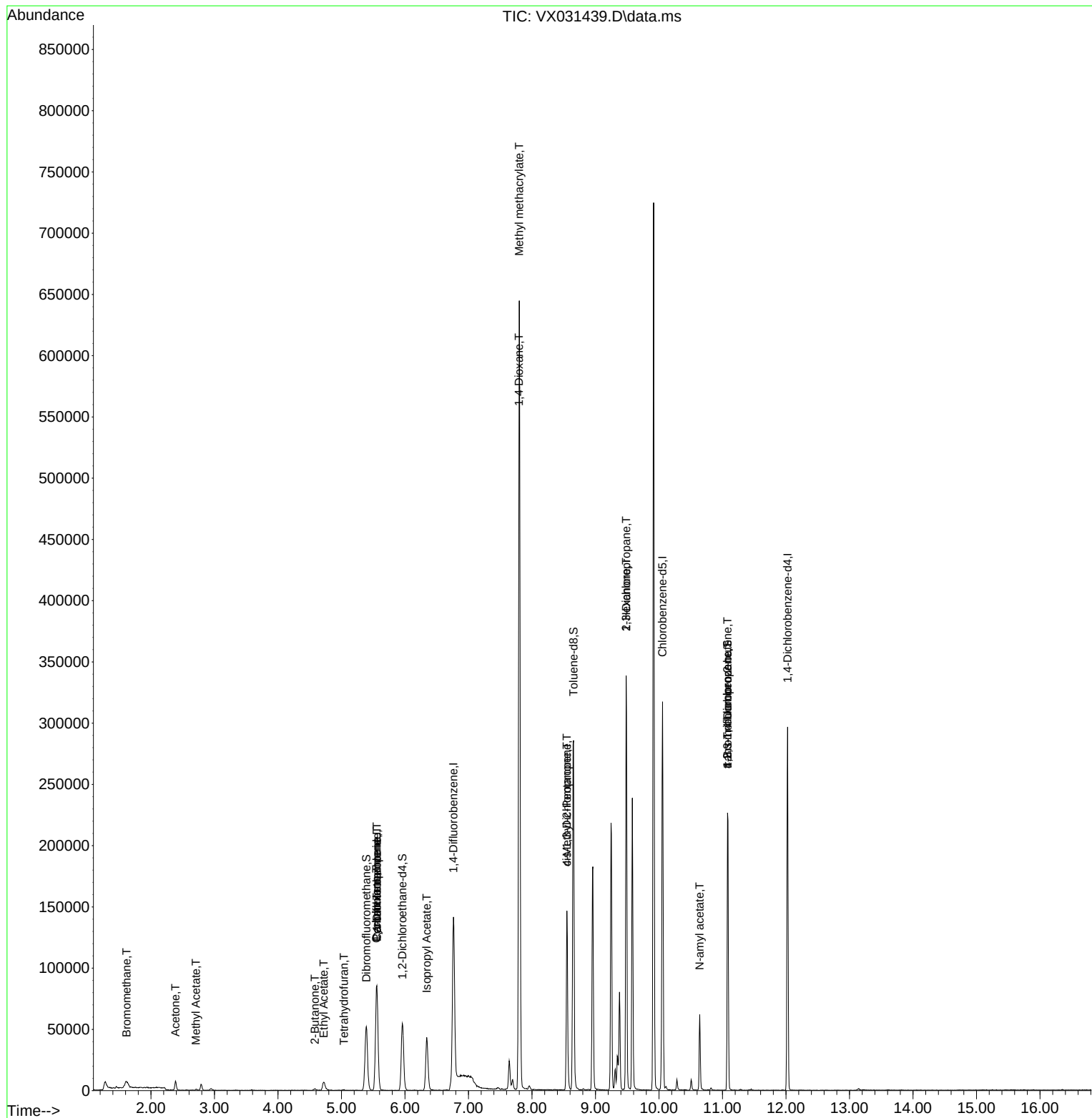
Internal Standards						
1) Pentafluorobenzene	5.556	168	80479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136030	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49724	25.172	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	50.340%#
35) Dibromofluoromethane	5.391	113	42563	29.108	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	58.220%#
50) Toluene-d8	8.653	98	167303	30.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	61.000%#
62) 4-Bromofluorobenzene	11.079	95	53296	26.534	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	53.060%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	428	Below Cal	#	41
5) Bromomethane	1.618	94	337	0.320	ug/l	99
11) Tert butyl alcohol	2.947	59	1063	Below Cal	#	73
16) Acetone	2.386	43	8172	9.690	ug/l	89
18) Methyl Acetate	2.709	43	962	0.385	ug/l	96
20) Methylene Chloride	2.794	84	2333	Below Cal	#	78
21) trans-1,2-Dichloroethene	3.172	96	18	Below Cal	#	1
25) 2-Butanone	4.581	43	1565	1.125	ug/l	# 84
29) Tetrahydrofuran	5.038	42	345	0.400	ug/l	# 56
31) Cyclohexane	5.550	56	2014	0.949	ug/l	# 39
36) 1,1-Dichloropropene	5.556	75	6942	3.469	ug/l	# 51
37) Ethyl Acetate	4.721	43	12737	4.843	ug/l	97
38) Carbon Tetrachloride	5.556	117	7945	3.652	ug/l	# 16
43) Isopropyl Acetate	6.342	43	58731	13.082	ug/l	99
48) Methyl methacrylate	7.799	41	55102	26.962	ug/l	# 47
49) 1,4-Dioxane	7.793	88	51	1.244	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	49153	18.012	ug/l	# 49
54) cis-1,3-Dichloropropene	8.549	75	21535	8.024	ug/l	# 67
57) 1,3-Dichloropropane	9.482	76	2947	1.069	ug/l	# 43
59) 2-Hexanone	9.482	43	38017	18.253	ug/l	# 53
74) N-amyl acetate	10.640	43	15082	7.128	ug/l	# 52
76) 1,2,3-Trichloropropane	11.079	75	30148	20.761	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	30148	57.446	ug/l	# 11

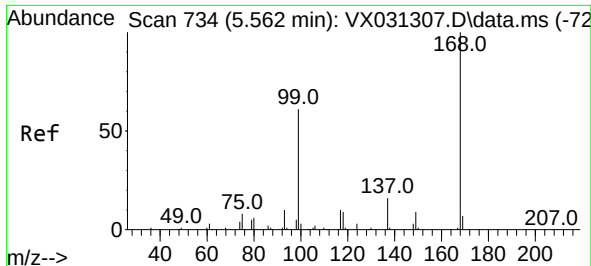
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
Data File : VX031439.D
Acq On : 17 Sep 2022 02:56
Operator : JC/MD
Sample : PB147603ZHE#08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

Quant Time: Sep 17 04:30:22 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

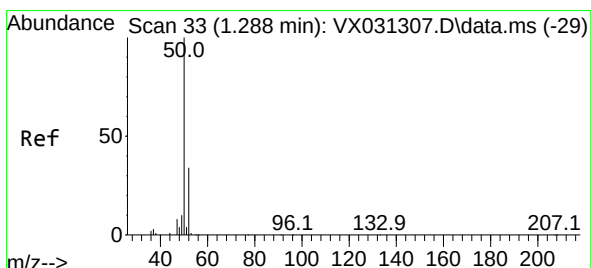
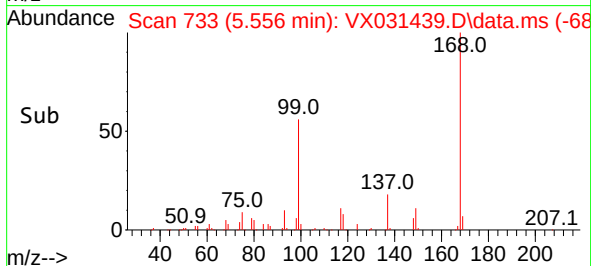
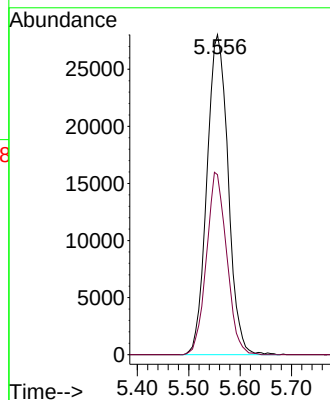
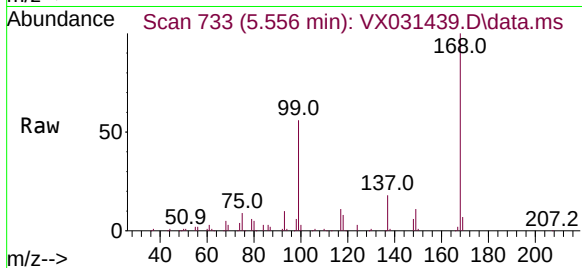




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

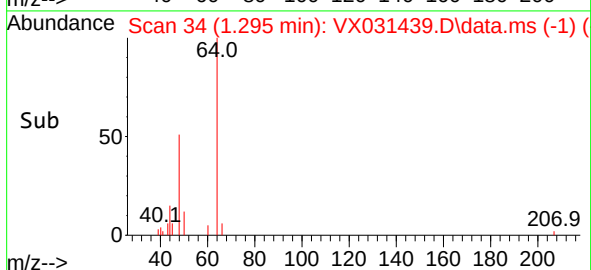
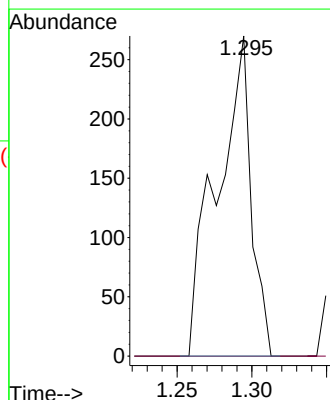
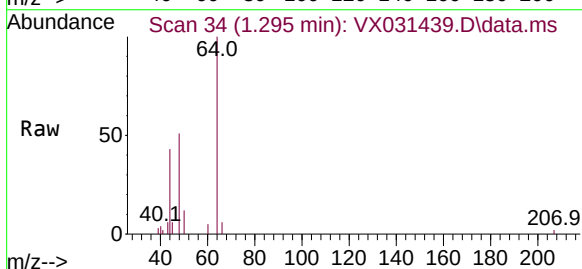
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

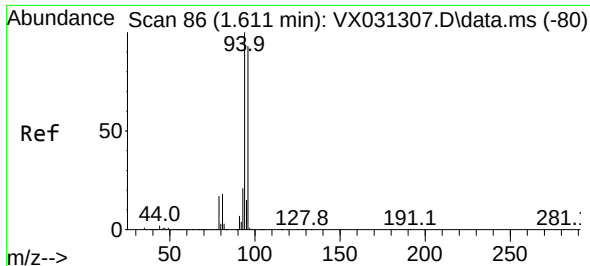
Tgt Ion:168 Resp: 80479
Ion Ratio Lower Upper
168 100
99 56.3 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

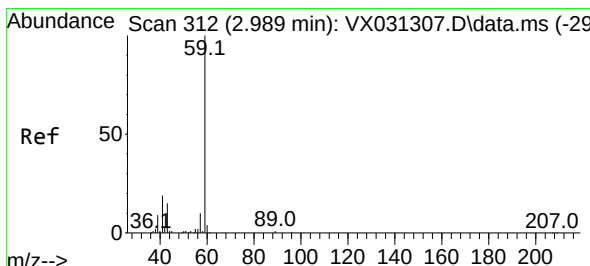
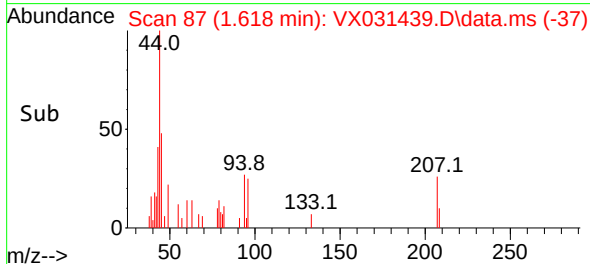
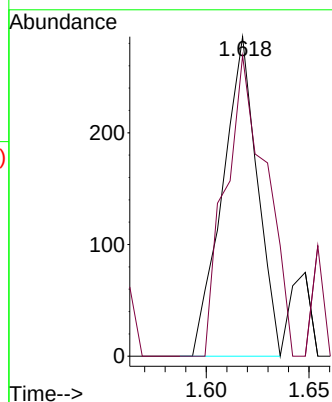
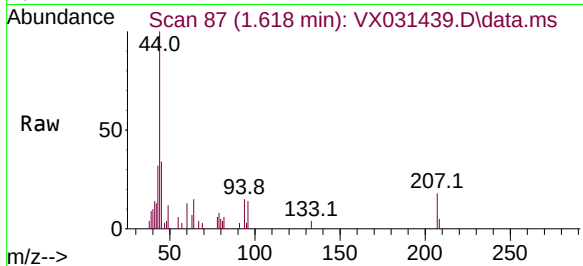




#5
Bromomethane
Concen: 0.320 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

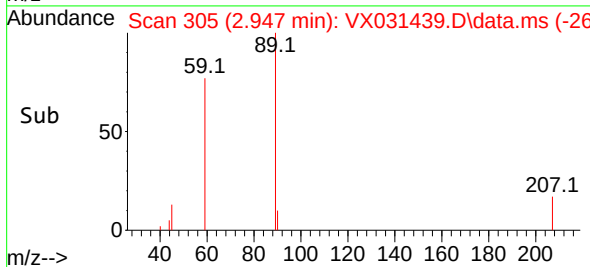
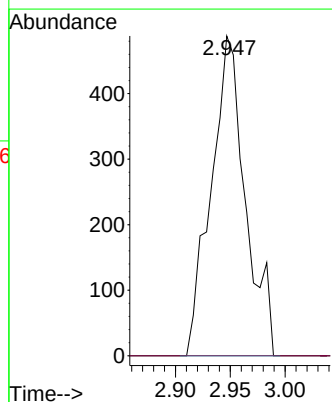
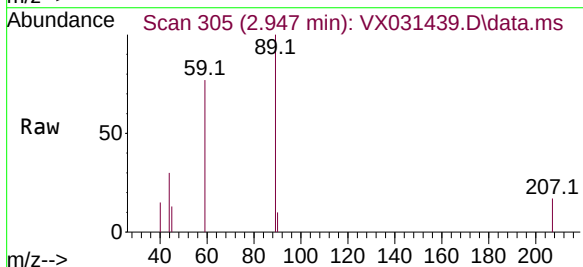
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

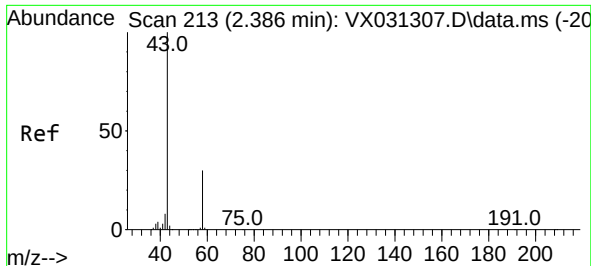
Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 94.1 74.4 111.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

Tgt Ion: 59 Resp: 1063
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

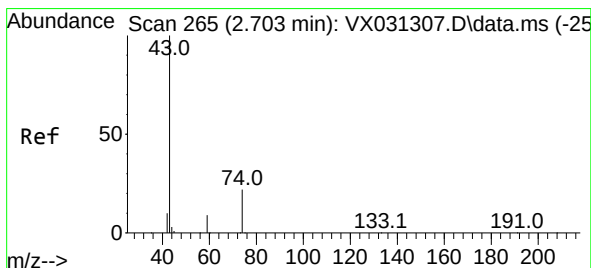
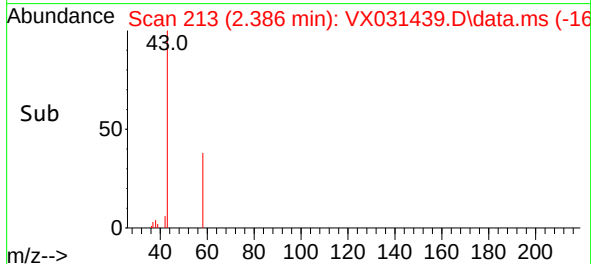
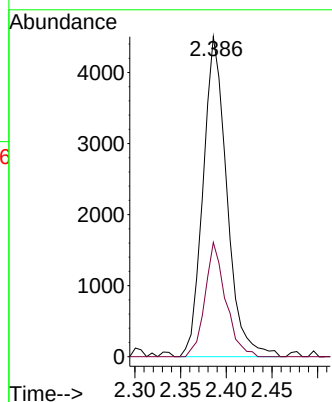
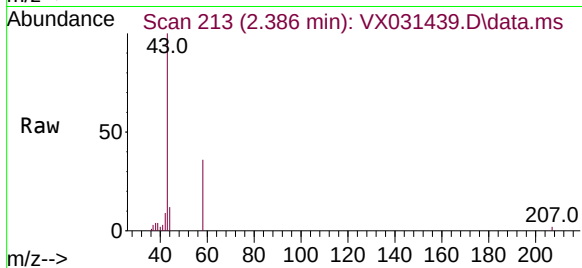




#16
Acetone
Concen: 9.690 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

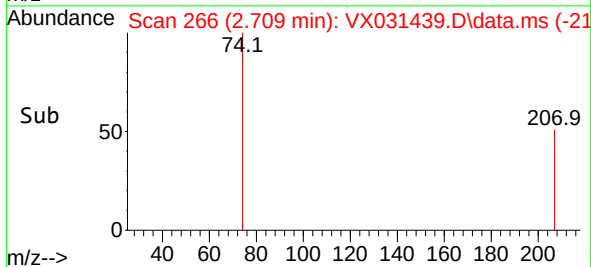
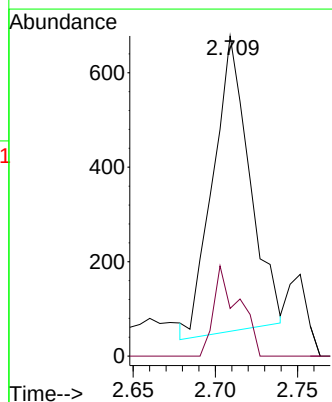
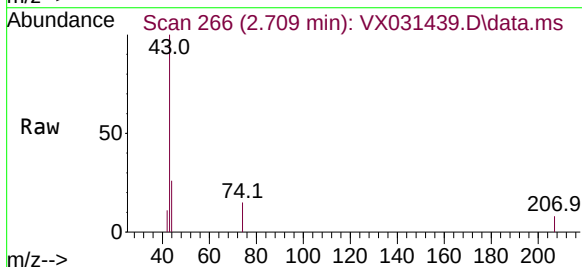
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

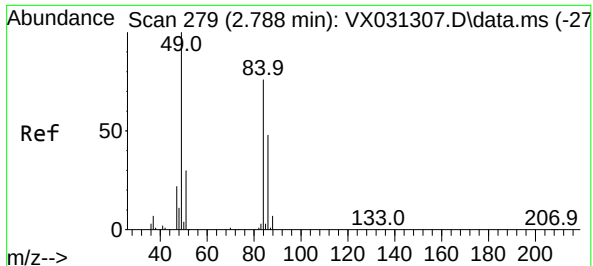
Tgt Ion: 43 Resp: 8172
Ion Ratio Lower Upper
43 100
58 35.7 23.8 35.8



#18
Methyl Acetate
Concen: 0.385 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

Tgt Ion: 43 Resp: 962
Ion Ratio Lower Upper
43 100
74 21.1 18.6 27.8

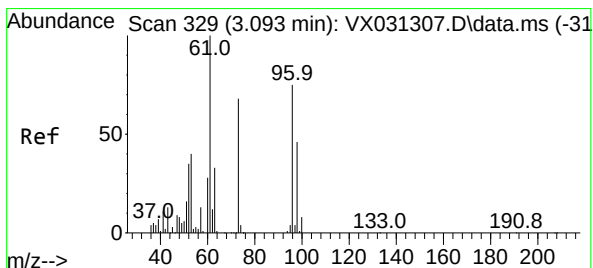
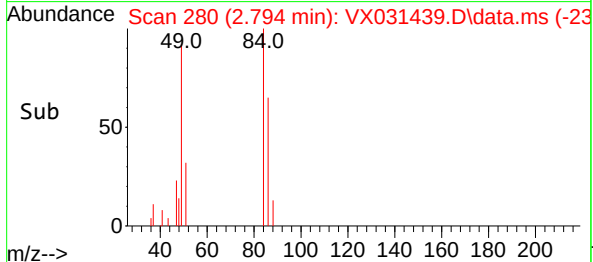
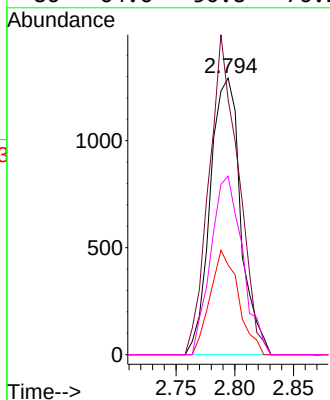
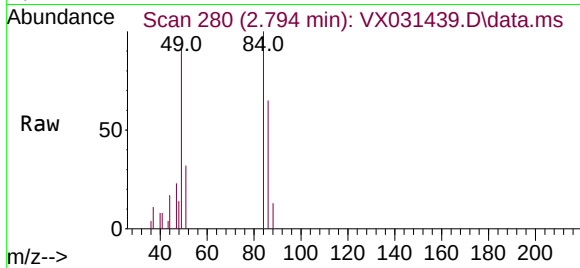




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

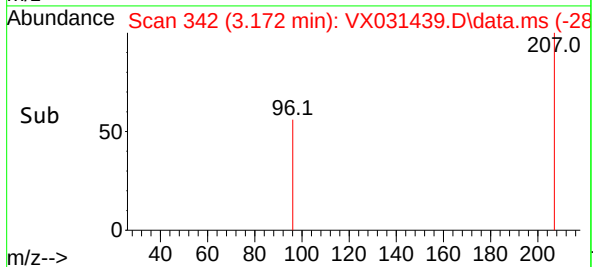
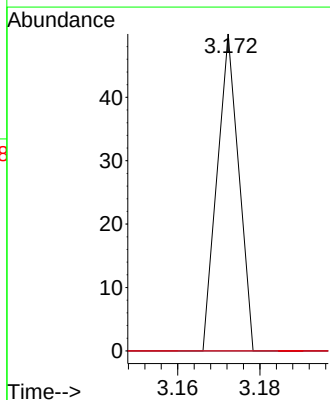
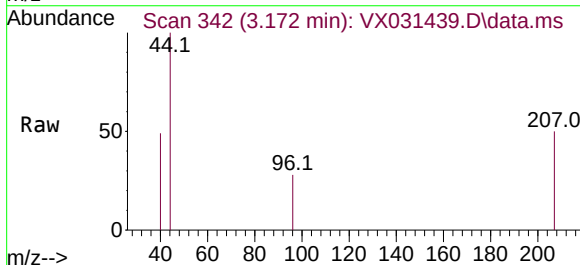
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

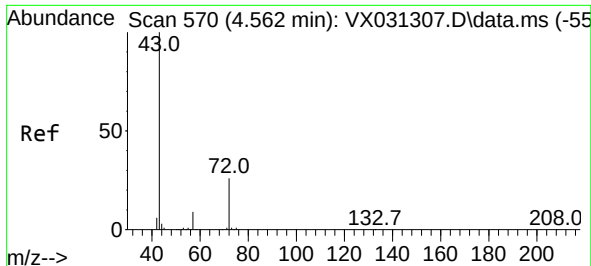
Tgt Ion: 84 Resp: 2333
Ion Ratio Lower Upper
84 100
49 92.3 105.9 158.9#
51 32.4 32.2 48.2
86 64.6 50.8 76.2



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.172 min Scan# 342
Delta R.T. 0.079 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

Tgt Ion: 96 Resp: 18
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#





#25

2-Butanone

Concen: 1.125 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX031439.D

Acq: 17 Sep 2022 02:56

Instrument :

MSVOA_X

ClientSampleId :

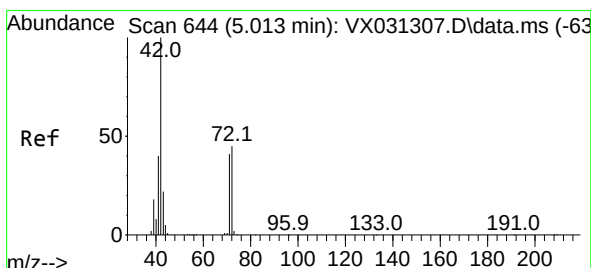
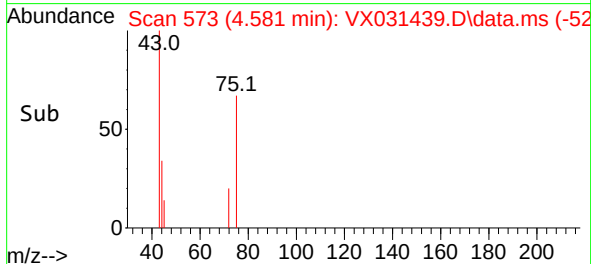
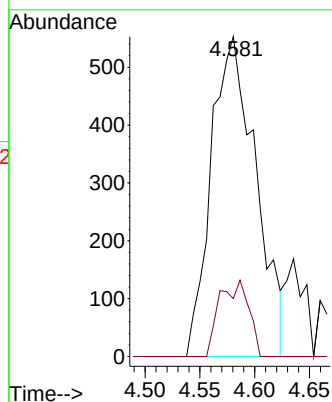
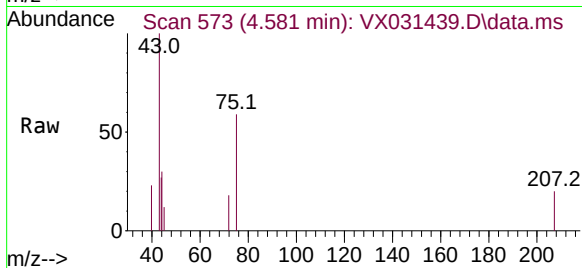
PB147603ZHE#08

Tgt Ion: 43 Resp: 1565

Ion Ratio Lower Upper

43 100

72 18.1 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.400 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.025 min

Lab File: VX031439.D

Acq: 17 Sep 2022 02:56

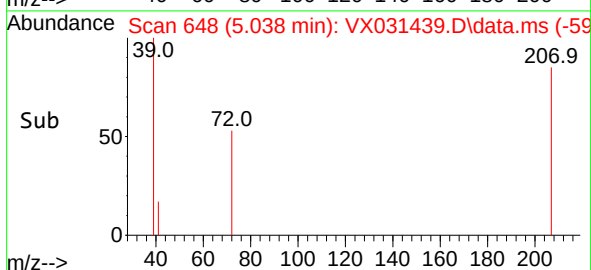
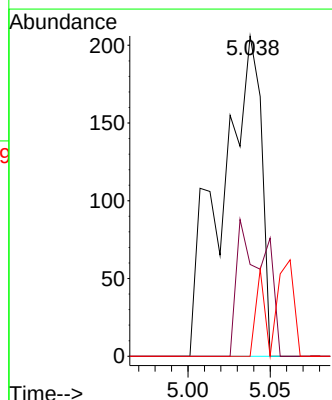
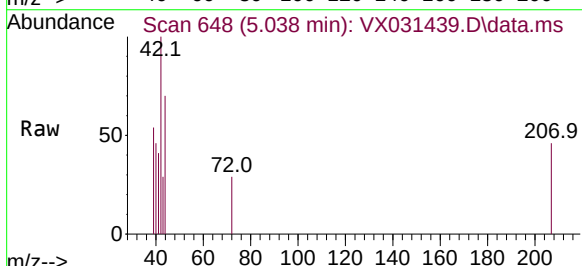
Tgt Ion: 42 Resp: 345

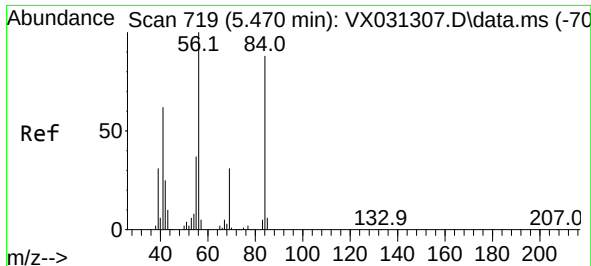
Ion Ratio Lower Upper

42 100

72 29.6 36.4 54.6#

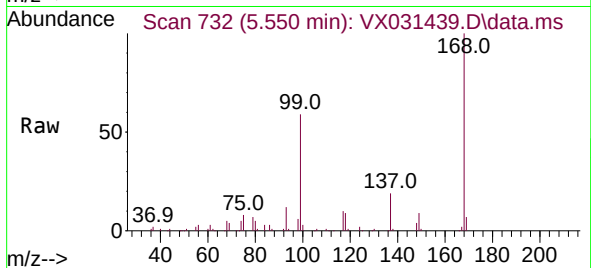
71 0.0 33.5 50.3#



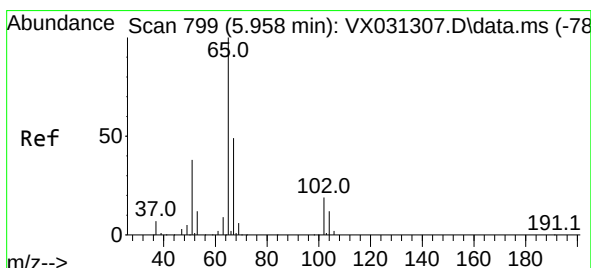
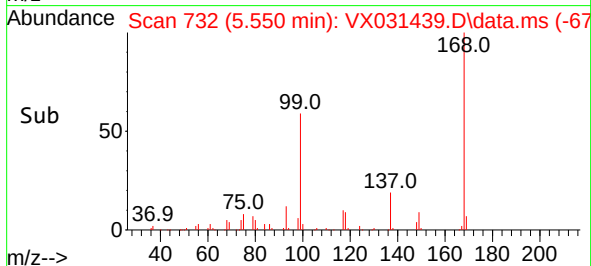
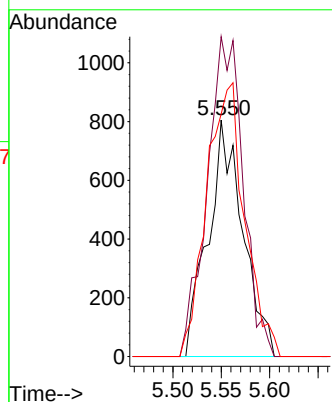


#31
Cyclohexane
Concen: 0.949 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

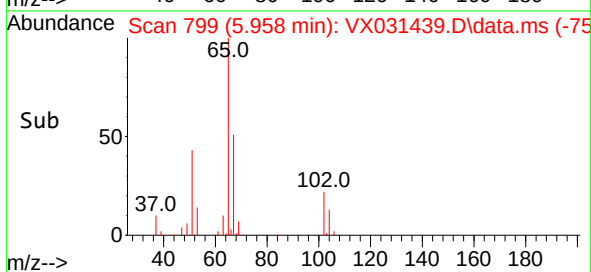
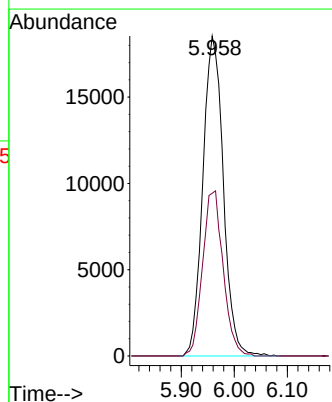
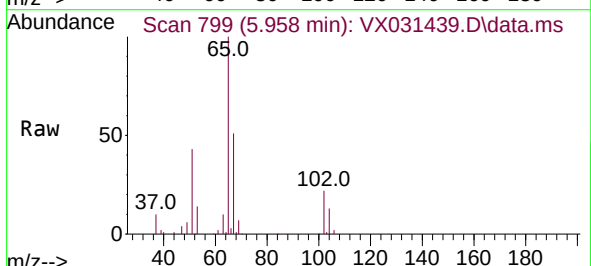


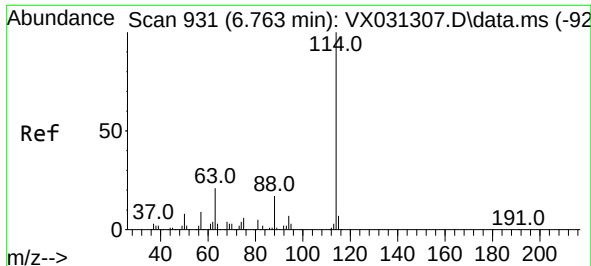
Tgt Ion: 56 Resp: 2014
Ion Ratio Lower Upper
56 100
69 135.3 25.1 37.7#
84 102.6 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 25.172 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

Tgt Ion: 65 Resp: 49724
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4

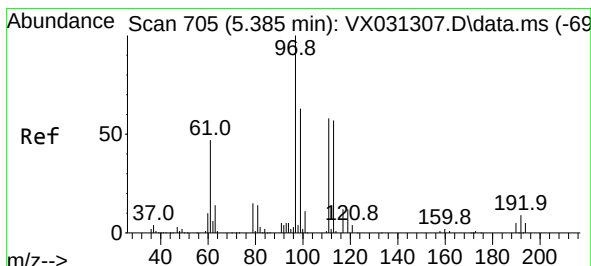
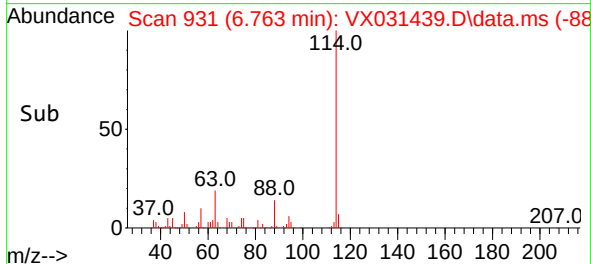
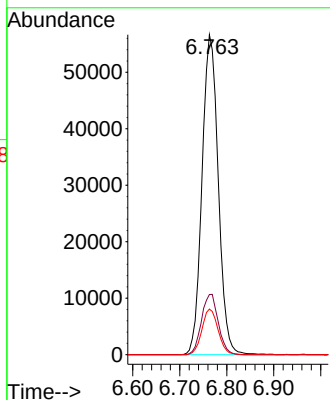
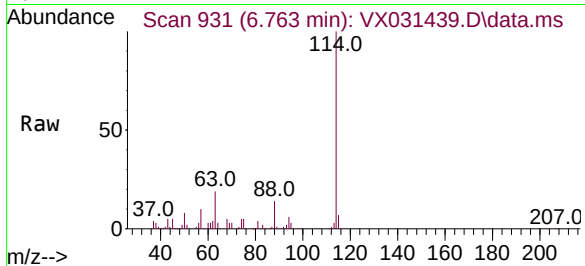




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

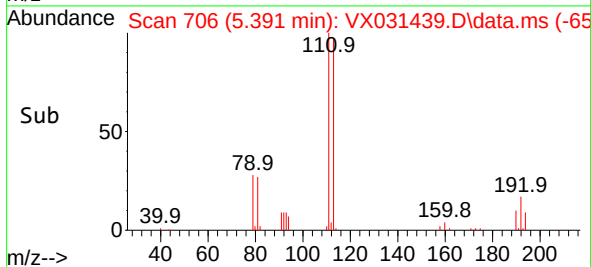
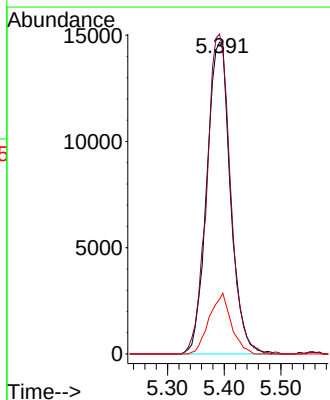
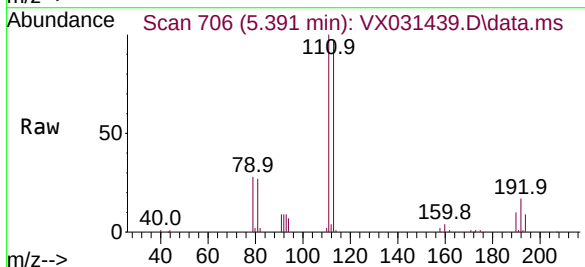
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

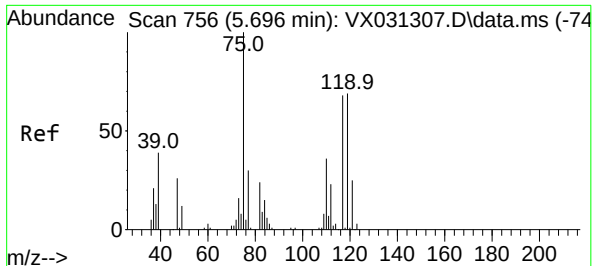
Tgt Ion:114 Resp: 136030
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.6
88 14.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 29.108 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

Tgt Ion:113 Resp: 42563
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 18.1 14.1 21.1

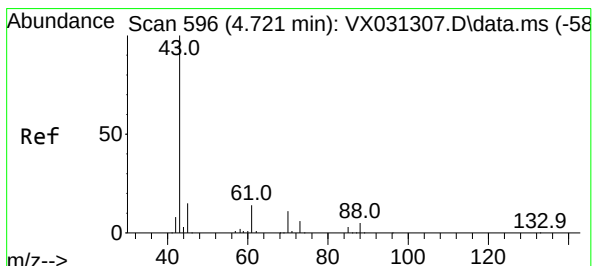
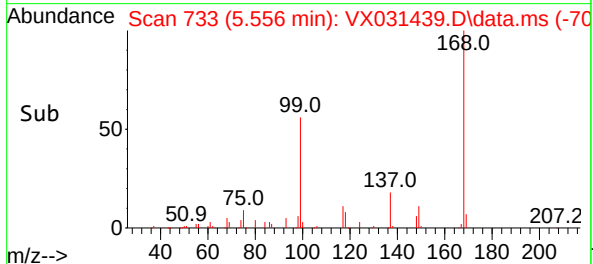
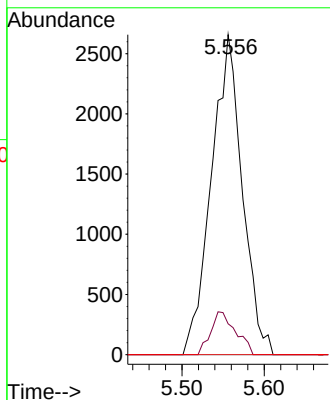
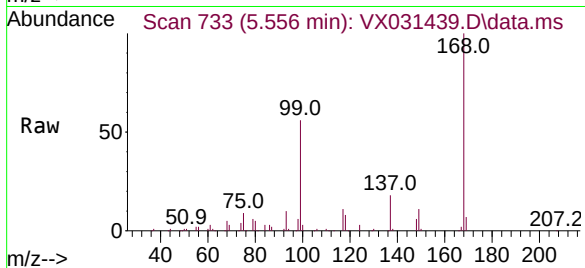




#36
1,1-Dichloropropene
Concen: 3.469 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

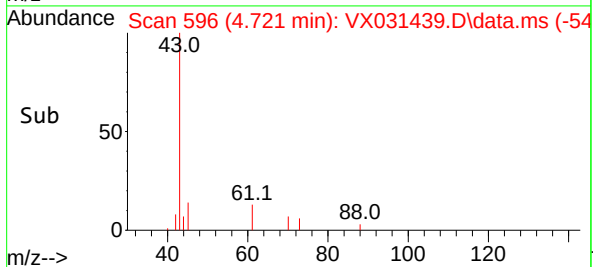
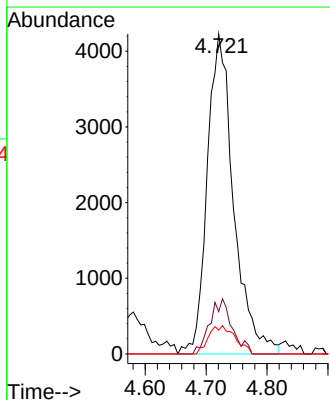
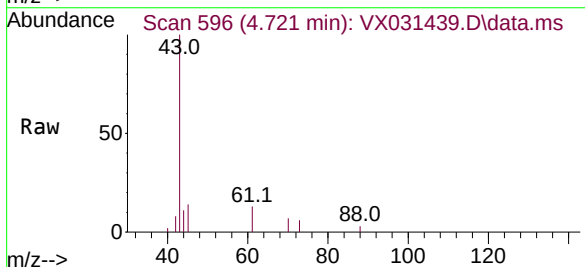
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

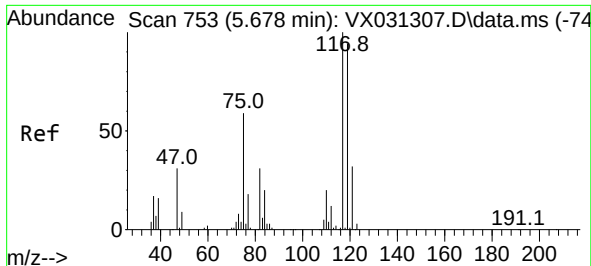
Tgt Ion: 75 Resp: 6942
Ion Ratio Lower Upper
75 100
110 10.8 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 4.843 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

Tgt Ion: 43 Resp: 12737
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 8.8 8.6 13.0

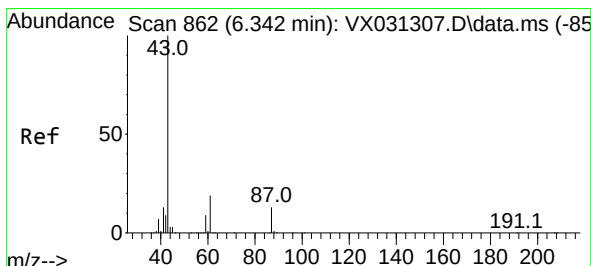
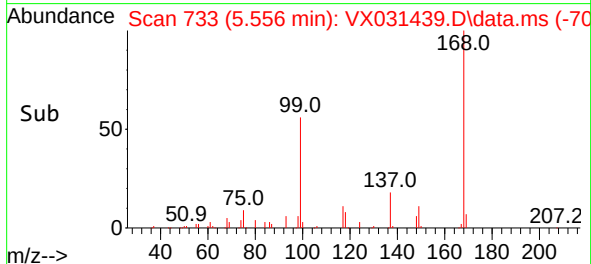
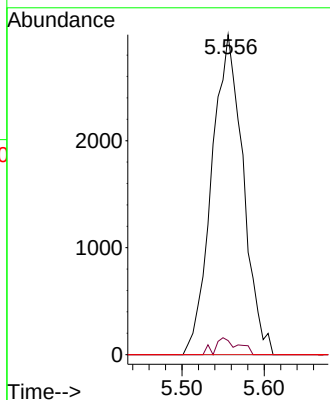
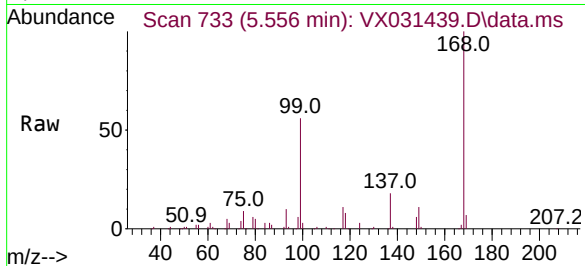




#38
Carbon Tetrachloride
Concen: 3.652 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

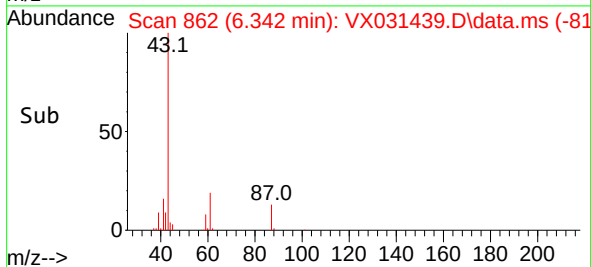
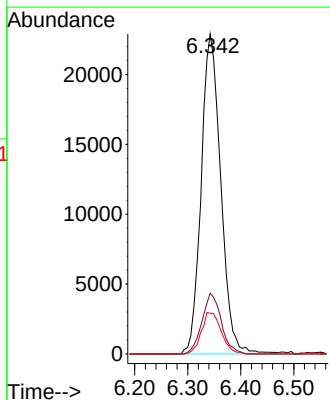
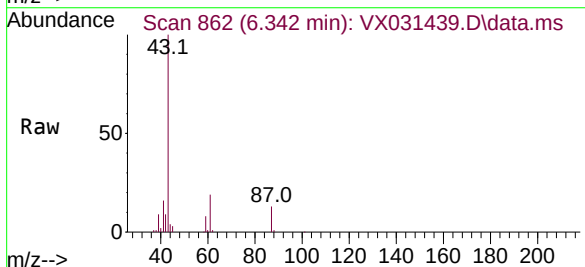
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

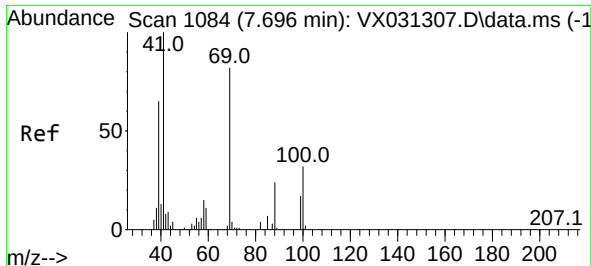
Tgt Ion:117 Resp: 7945
Ion Ratio Lower Upper
117 100
119 4.4 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 13.082 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

Tgt Ion: 43 Resp: 58731
Ion Ratio Lower Upper
43 100
61 18.7 15.3 22.9
87 13.1 10.6 15.8

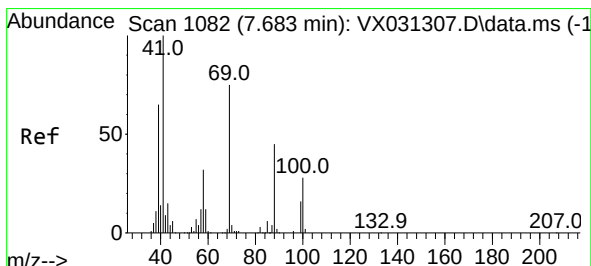
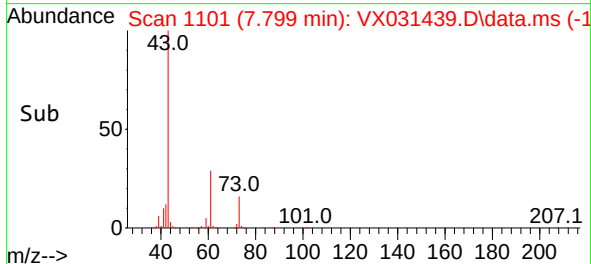
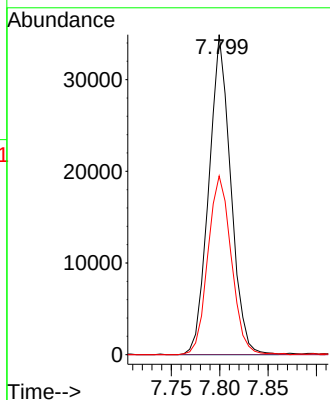
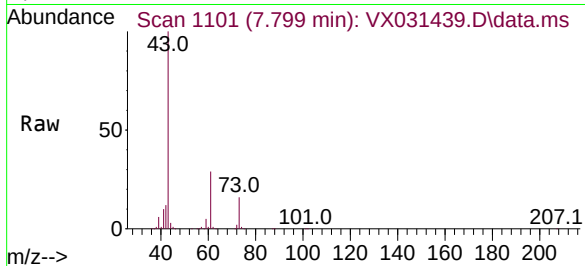




#48
Methyl methacrylate
Concen: 26.962 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

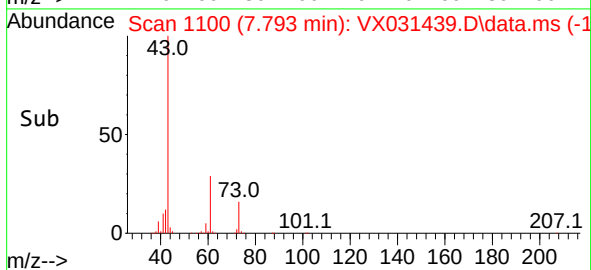
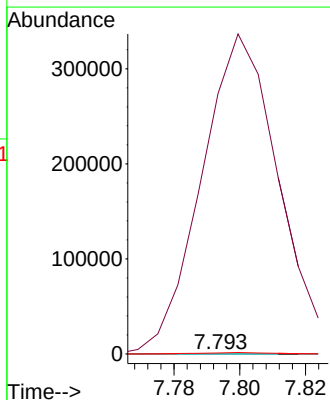
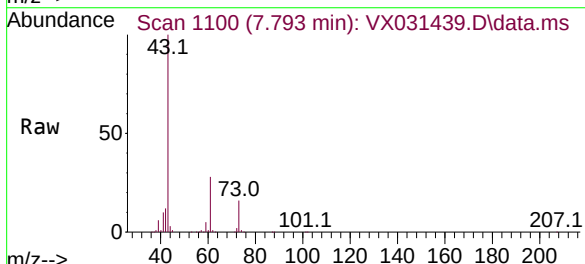
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

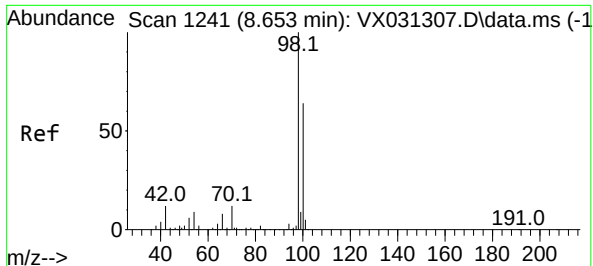
Tgt Ion: 41 Resp: 55102
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 59.7 51.4 77.0



#49
1,4-Dioxane
Concen: 1.244 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.110 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 1083870.6 27.1 40.7#
58 4531.4 53.9 80.9#

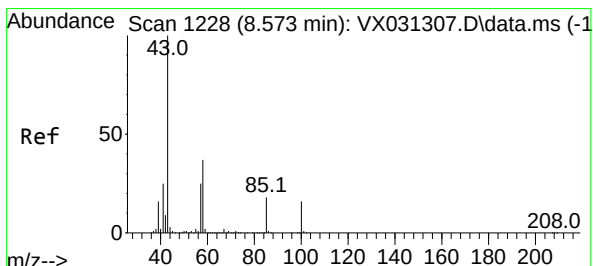
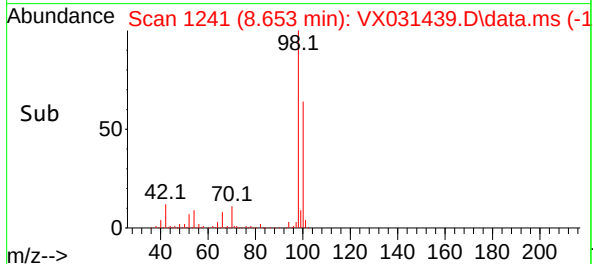
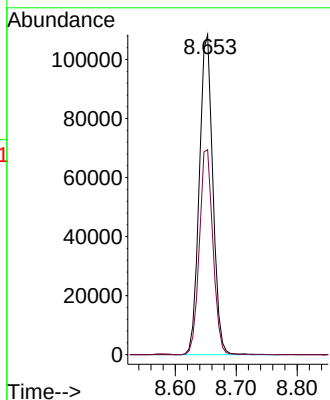
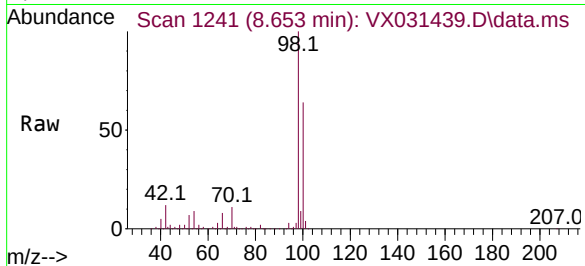




#50
Toluene-d8
Concen: 30.502 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

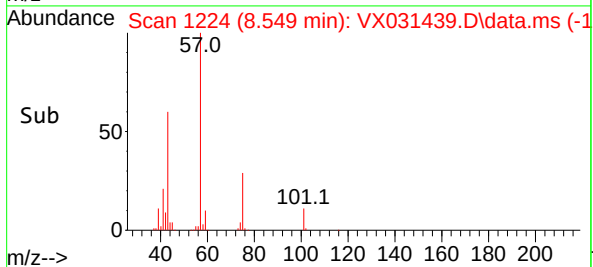
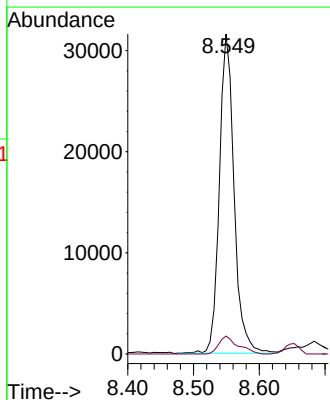
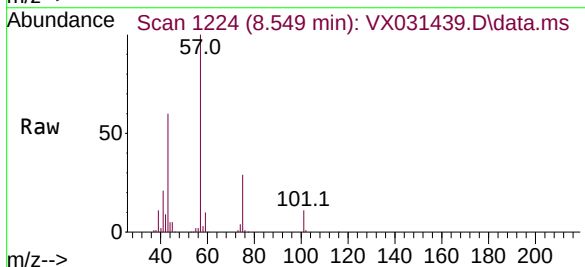
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

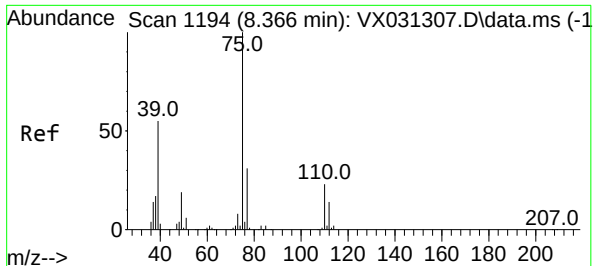
Tgt Ion: 98 Resp: 167303
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 18.012 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

Tgt Ion: 43 Resp: 49153
Ion Ratio Lower Upper
43 100
58 7.3 30.6 46.0#

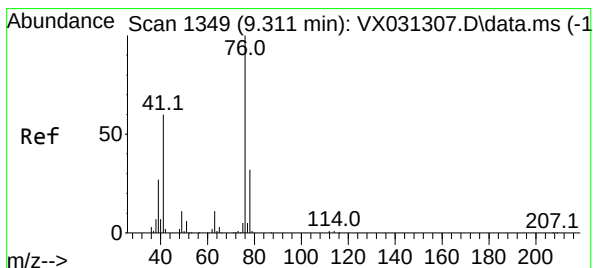
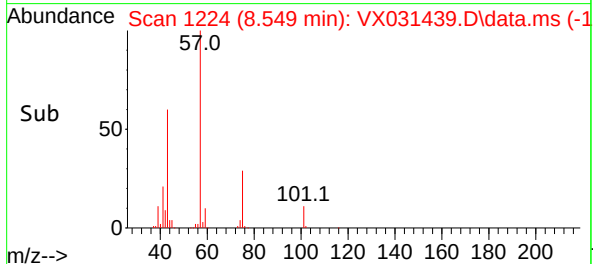
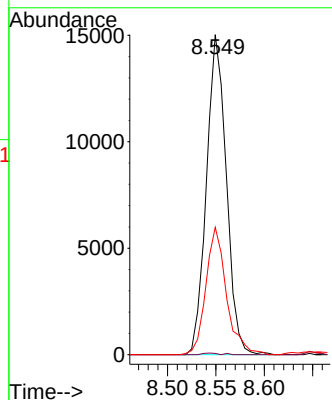
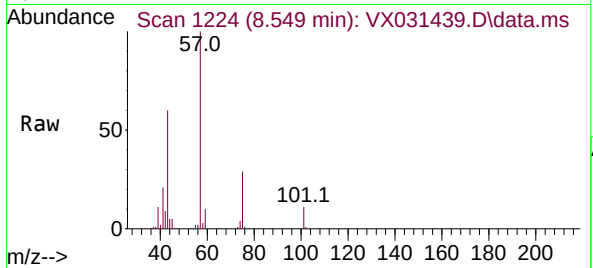




#54
 cis-1,3-Dichloropropene
 Concen: 8.024 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX031439.D
 Acq: 17 Sep 2022 02:56

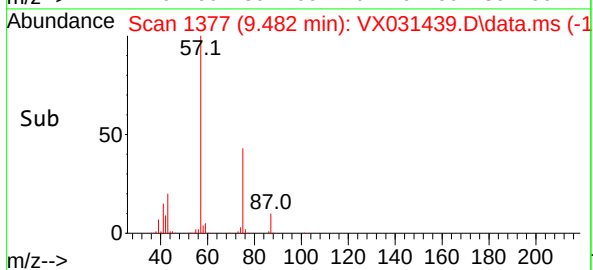
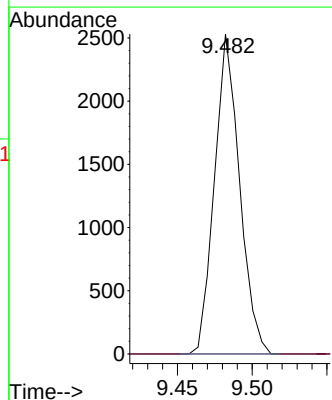
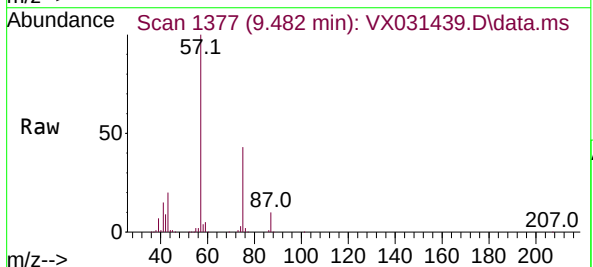
Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#08

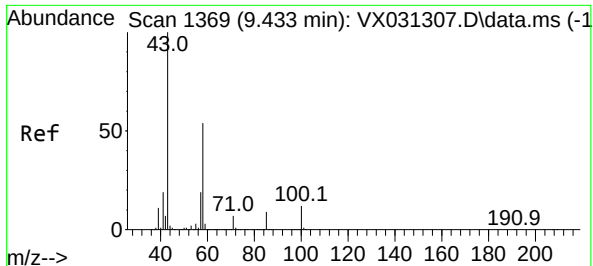
Tgt Ion: 75 Resp: 21535
 Ion Ratio Lower Upper
 75 100
 77 0.4 24.4 36.6#
 39 39.8 43.7 65.5#



#57
 1,3-Dichloropropane
 Concen: 1.069 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX031439.D
 Acq: 17 Sep 2022 02:56

Tgt Ion: 76 Resp: 2947
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#





#59

2-Hexanone

Concen: 18.253 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX031439.D

Acq: 17 Sep 2022 02:56

Instrument :

MSVOA_X

ClientSampleId :

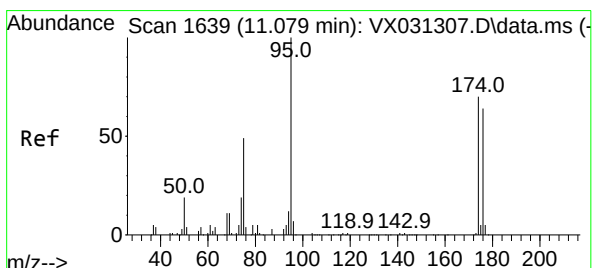
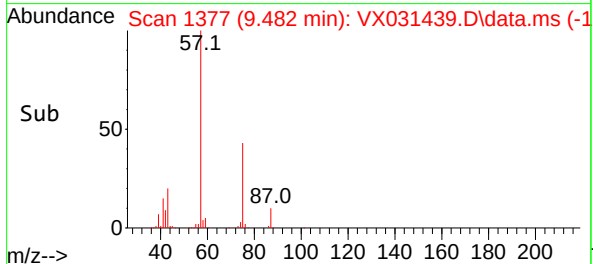
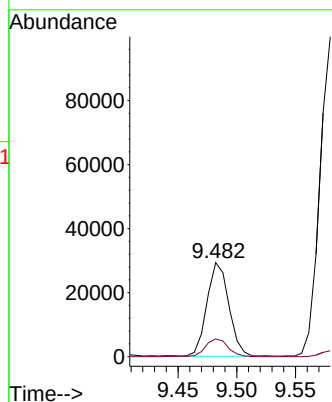
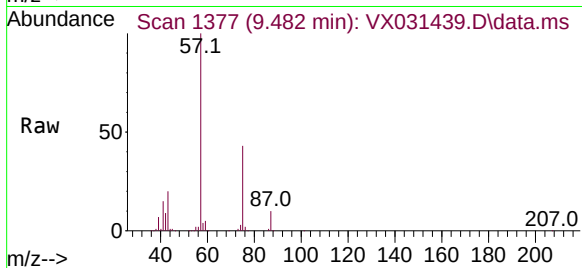
PB147603ZHE#08

Tgt Ion: 43 Resp: 38017

Ion Ratio Lower Upper

43 100

58 19.6 26.7 80.0#



#62

4-Bromofluorobenzene

Concen: 26.534 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031439.D

Acq: 17 Sep 2022 02:56

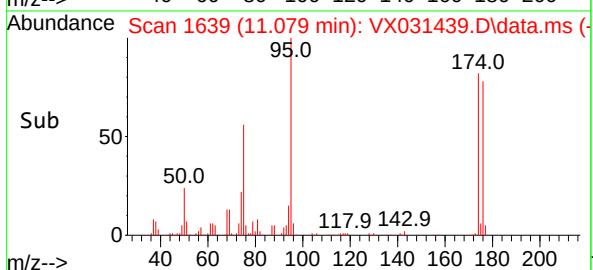
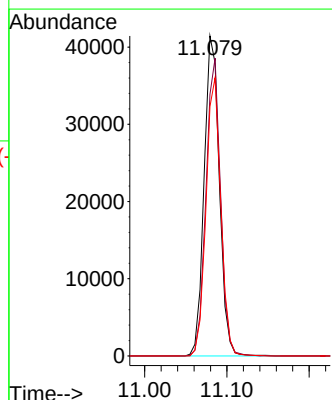
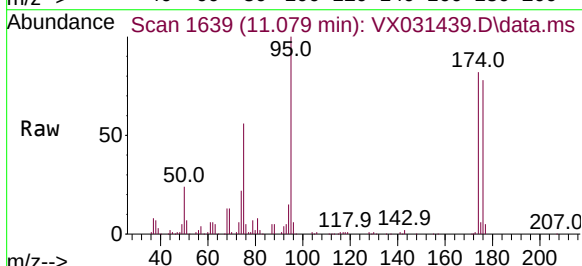
Tgt Ion: 95 Resp: 53296

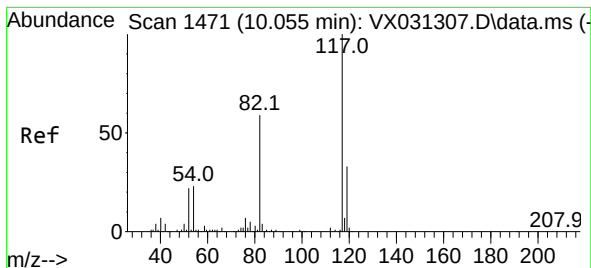
Ion Ratio Lower Upper

95 100

174 89.4 0.0 153.2

176 84.5 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: VX031439.D

Acq: 17 Sep 2022 02:56

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#08

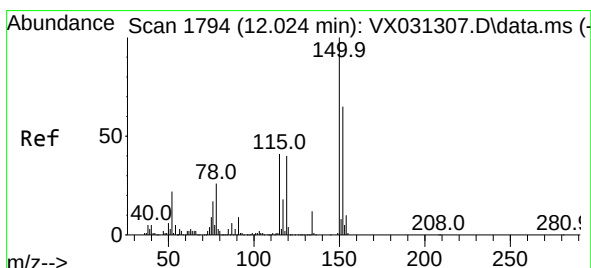
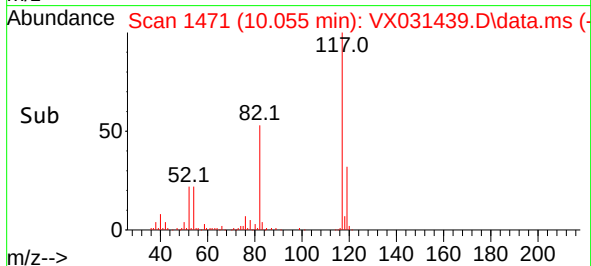
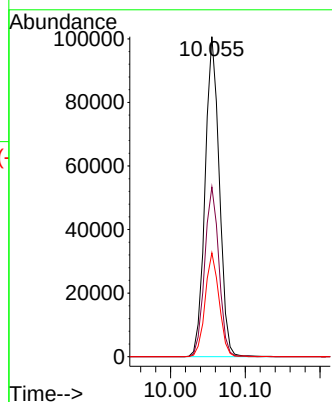
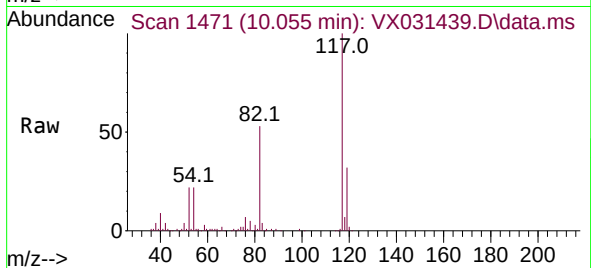
Tgt Ion:117 Resp: 132751

Ion Ratio Lower Upper

117 100

82 53.0 46.8 70.2

119 32.5 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: VX031439.D

Acq: 17 Sep 2022 02:56

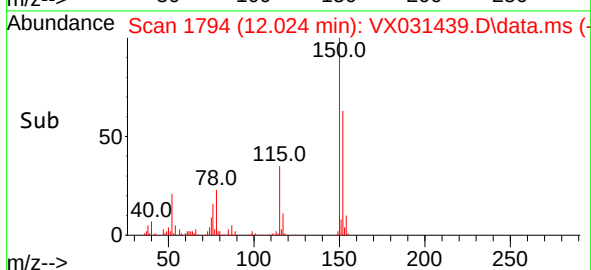
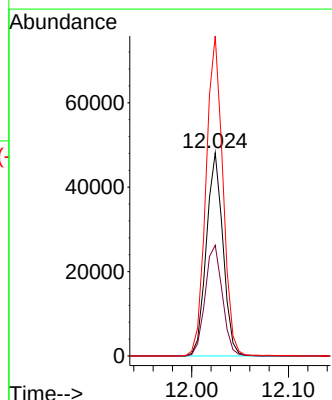
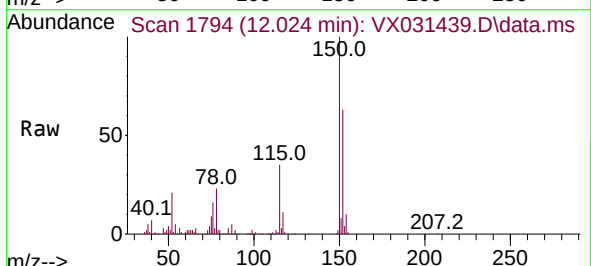
Tgt Ion:152 Resp: 57625

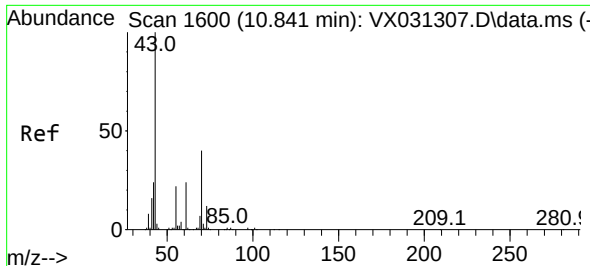
Ion Ratio Lower Upper

152 100

115 56.8 43.4 130.1

150 160.2 0.0 346.8

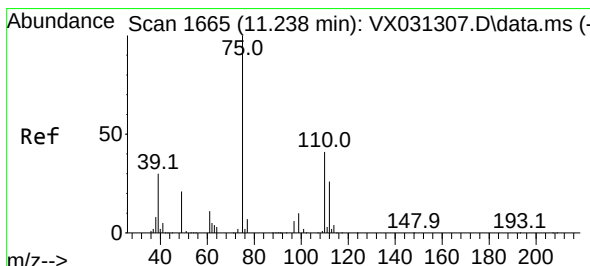
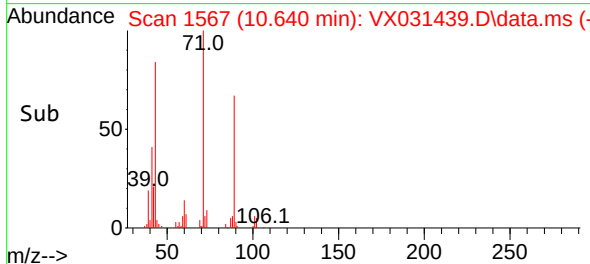
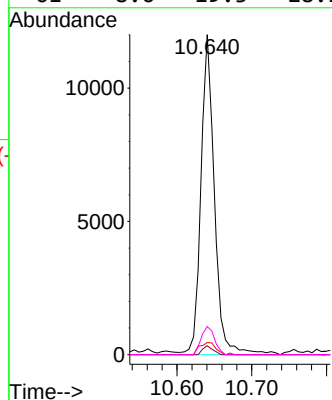
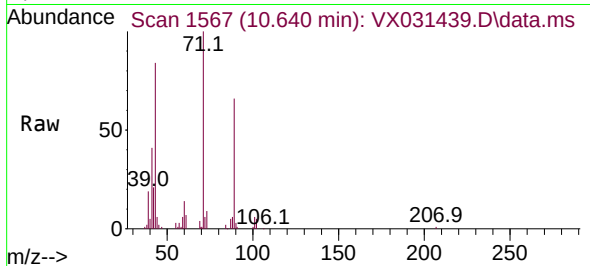




#74
N-amy1 acetate
Concen: 7.128 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.201 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

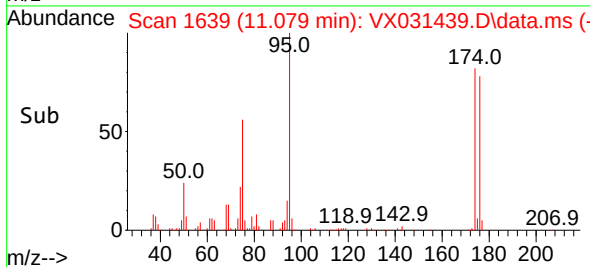
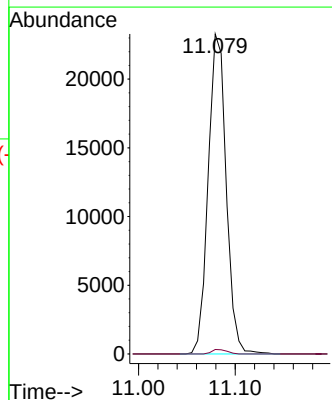
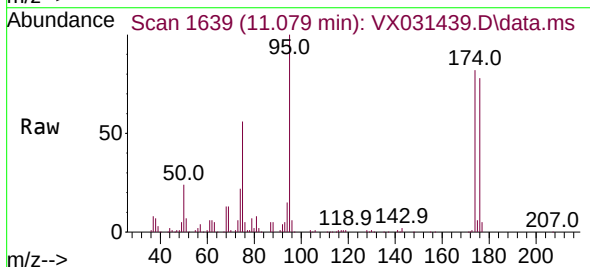
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#08

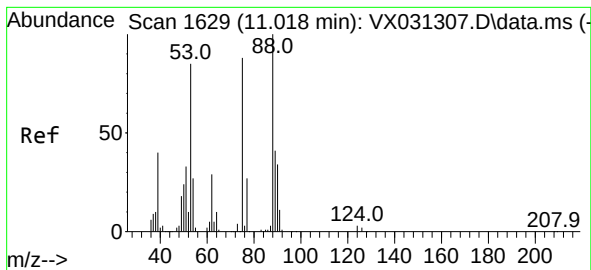
Tgt Ion: 43	Resp: 15082
Ion Ratio	Lower Upper
43 100	
70 2.1	33.4 50.2#
55 4.7	18.2 27.2#
61 8.6	19.3 28.9#



#76
1,2,3-Trichloropropane
Concen: 20.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031439.D
Acq: 17 Sep 2022 02:56

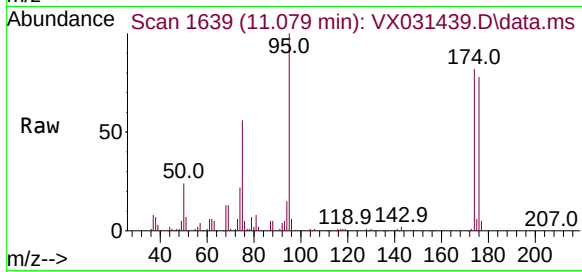
Tgt Ion: 75	Resp: 30148
Ion Ratio	Lower Upper
75 100	
77 1.2	20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.446 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031439.D
 Acq: 17 Sep 2022 02:56

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#08



Tgt Ion: 75 Resp: 30148
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

