

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031599.D
 Acq On : 23 Sep 2022 03:44
 Operator : JC/MD
 Sample : PB147821TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147821TB

Quant Time: Sep 23 04:48:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

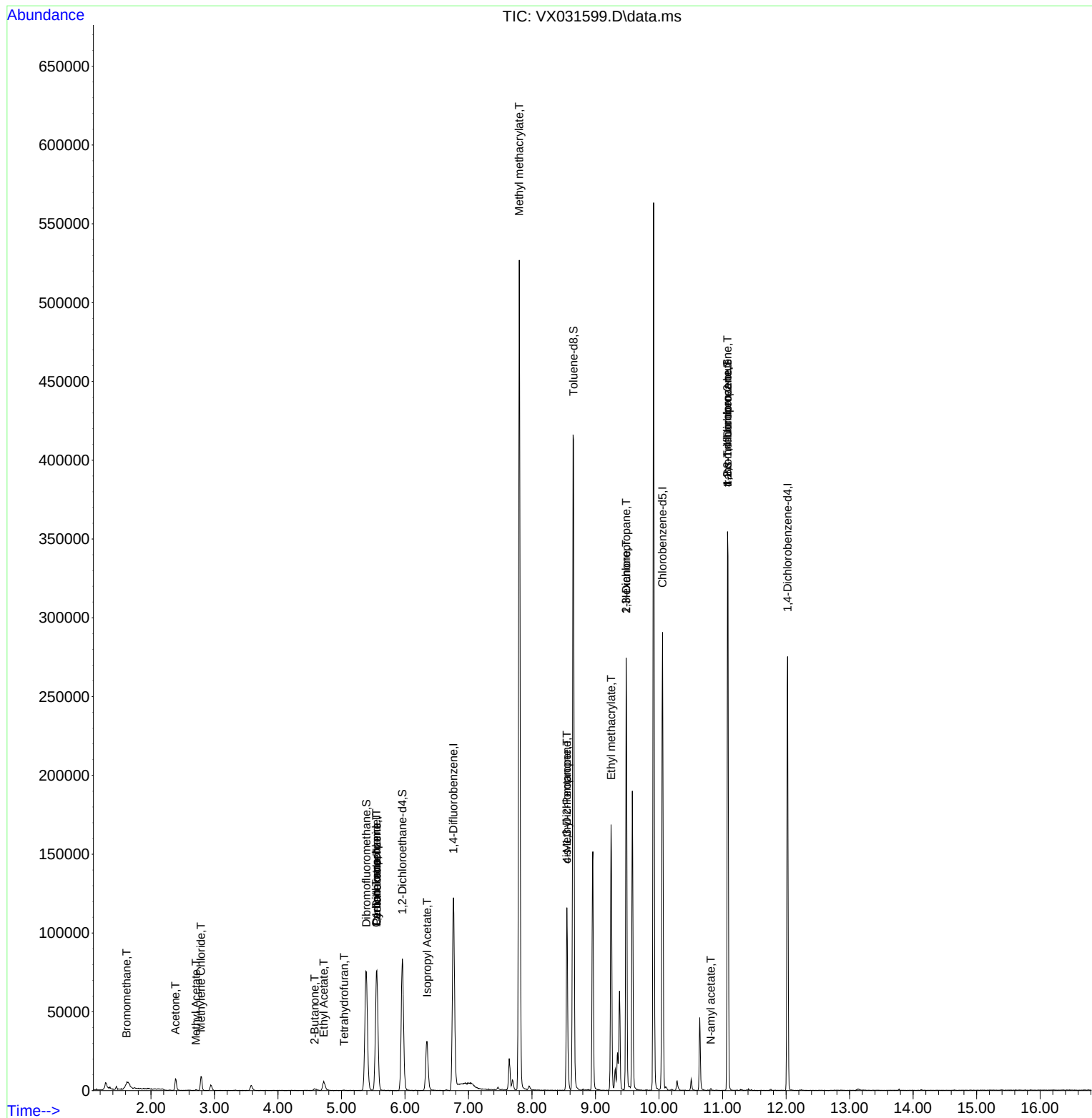
Internal Standards						
1) Pentafluorobenzene	5.556	168	73246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72988	54.328	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.660%	
35) Dibromofluoromethane	5.391	113	62614	49.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.420%	
50) Toluene-d8	8.653	98	246895	50.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	11.079	95	79434	48.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.600%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	532	0.235	ug/l #	57
6) Chloroethane	1.660	64	69	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	1996	Below Cal	#	73
13) Acrolein	2.099	56	19	Below Cal	#	15
16) Acetone	2.386	43	8732	2.939	ug/l	91
18) Methyl Acetate	2.709	43	689	0.343	ug/l #	90
20) Methylene Chloride	2.788	84	4129	1.157	ug/l	88
25) 2-Butanone	4.574	43	785	0.757	ug/l #	70
29) Tetrahydrofuran	5.044	42	246	0.364	ug/l #	38
31) Cyclohexane	5.556	56	1886	0.947	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	5832	3.011	ug/l #	51
37) Ethyl Acetate	4.721	43	10191	4.410	ug/l	97
38) Carbon Tetrachloride	5.550	117	7241	3.373	ug/l #	16
43) Isopropyl Acetate	6.348	43	43054	12.123	ug/l	99
48) Methyl methacrylate	7.799	41	43670	26.915	ug/l #	48
51) 4-Methyl-2-Pentanone	8.549	43	37721	16.513	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	17132	7.201	ug/l #	66
56) Ethyl methacrylate	9.244	69	492	0.223	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2298	0.902	ug/l #	43
59) 2-Hexanone	9.482	43	30557	17.812	ug/l #	52
74) N-amyl acetate	10.817	43	421	0.251	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	11.085	83	171	Below Cal	#	10
76) 1,2,3-Trichloropropane	11.079	75	44553	35.989	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44553	115.879	ug/l #	11

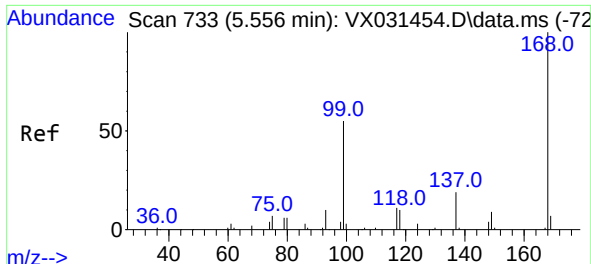
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031599.D
Acq On : 23 Sep 2022 03:44
Operator : JC/MD
Sample : PB147821TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

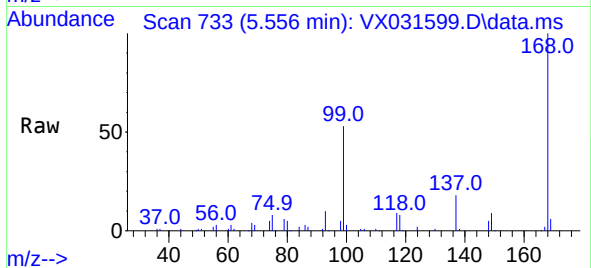
Quant Time: Sep 23 04:48:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



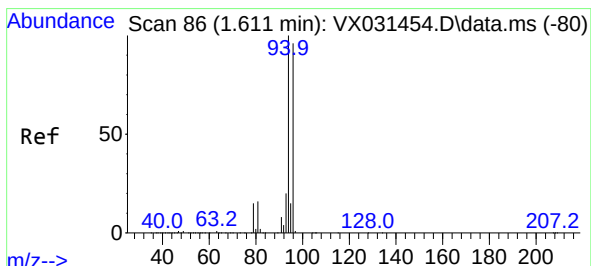
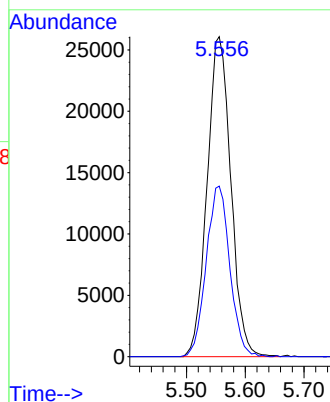
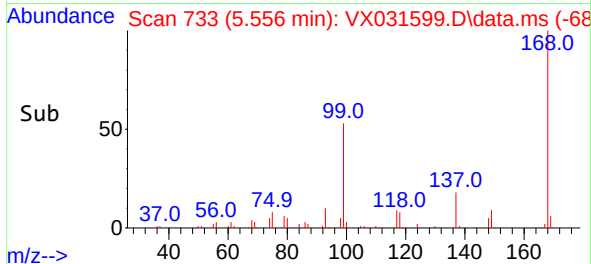


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

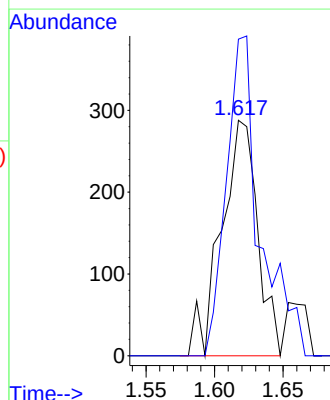
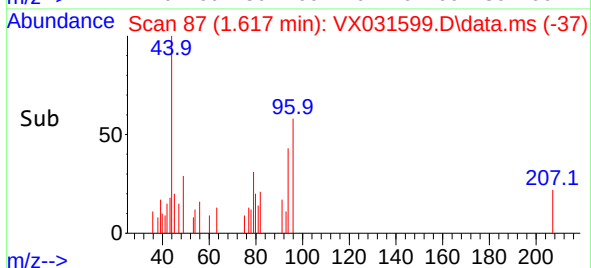
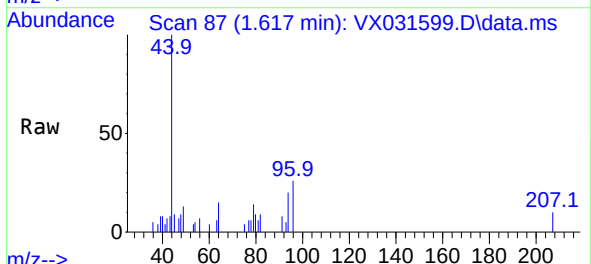


Tgt Ion:168 Resp: 73246
Ion Ratio Lower Upper
168 100
99 53.3 48.8 73.2

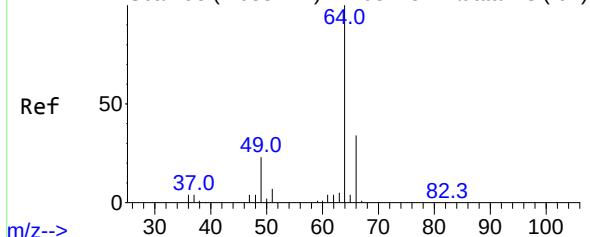


#5
Bromomethane
Concen: 0.235 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion: 94 Resp: 532
Ion Ratio Lower Upper
94 100
96 134.4 74.4 111.6#



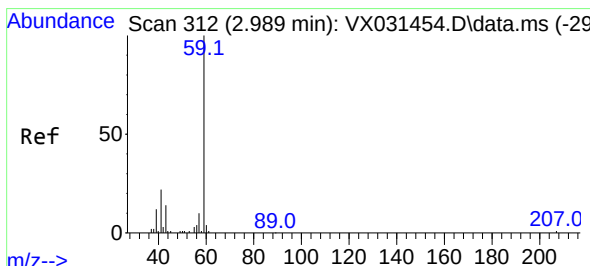
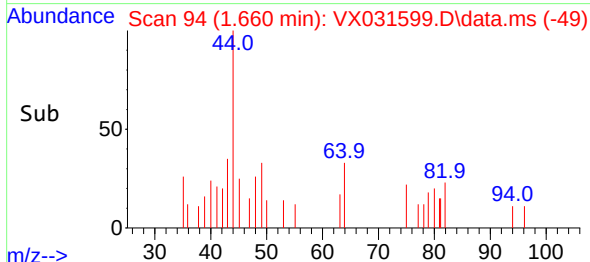
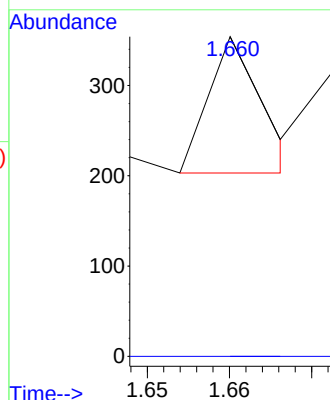
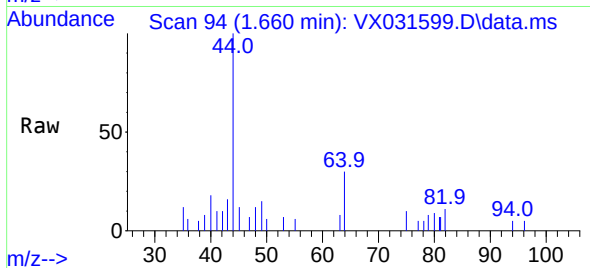
Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

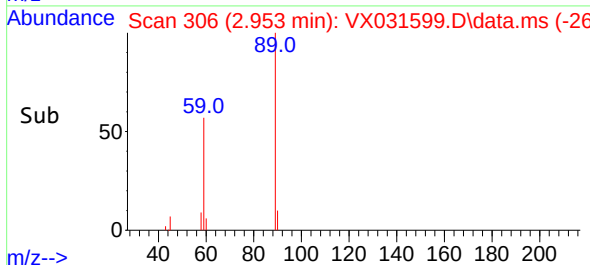
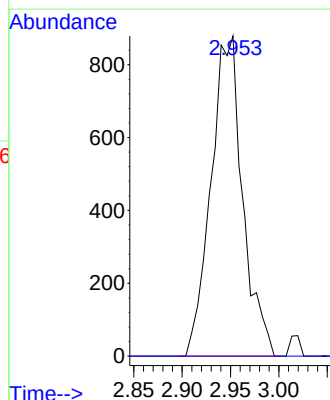
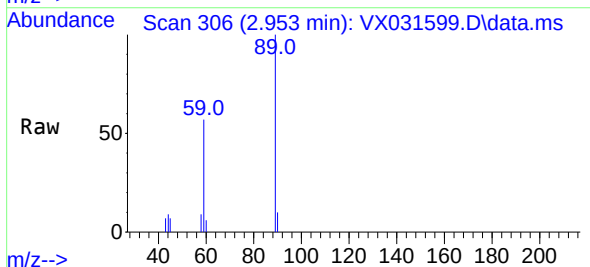
Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

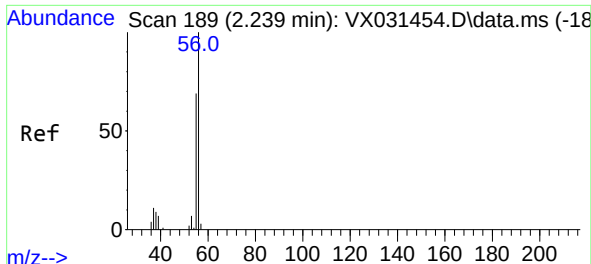
Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion: 59 Resp: 1996
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

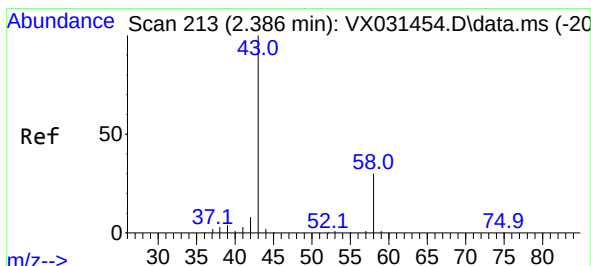
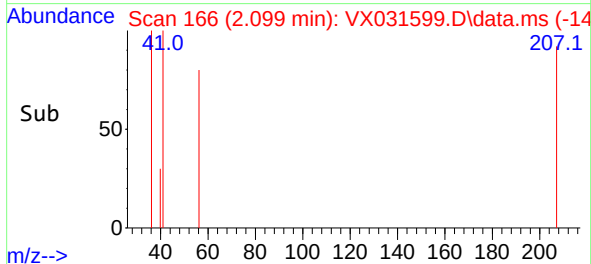
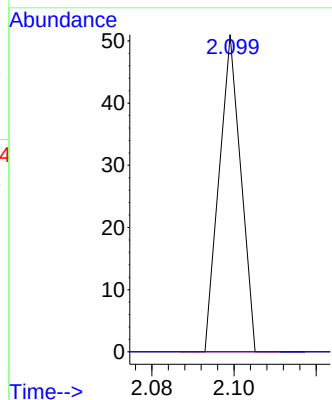
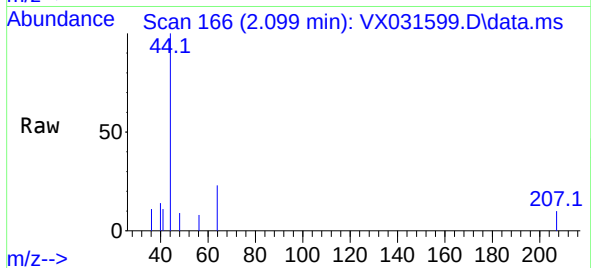




#13
Acrolein
Concen: Below Cal
RT: 2.099 min Scan# 11
Delta R.T. -0.140 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

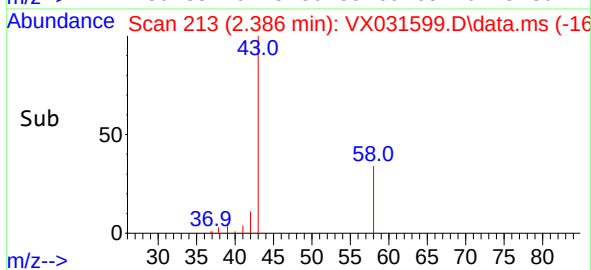
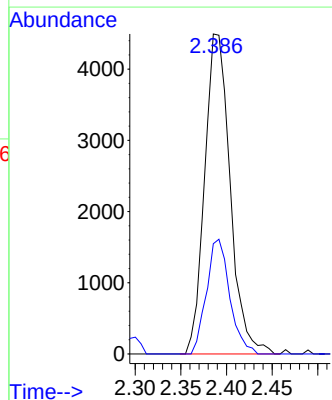
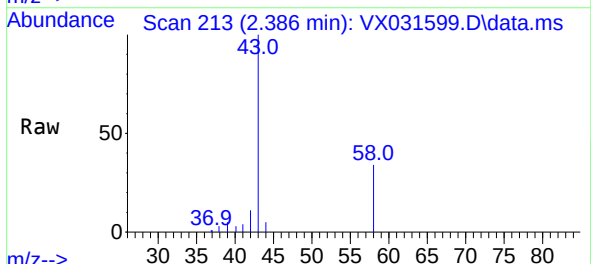
Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

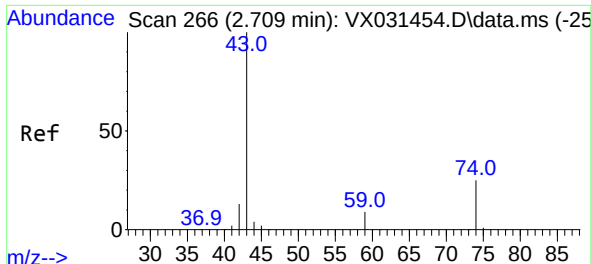
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: 2.939 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion: 43 Resp: 8732
Ion Ratio Lower Upper
43 100
58 34.5 23.8 35.8

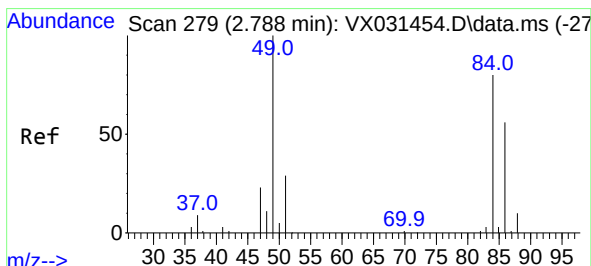
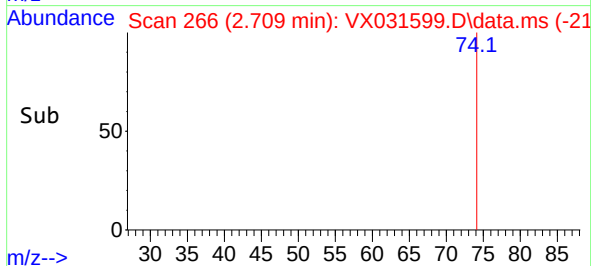
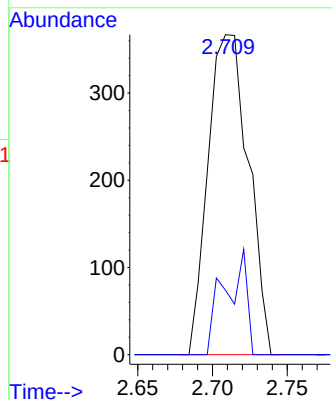
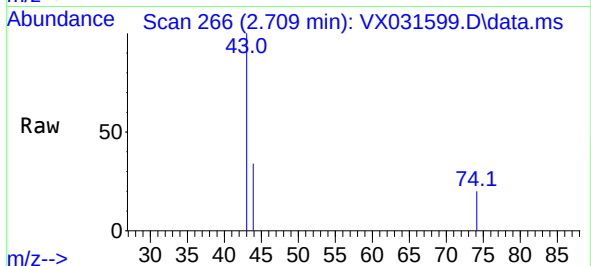




#18
Methyl Acetate
Concen: 0.343 ug/l
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

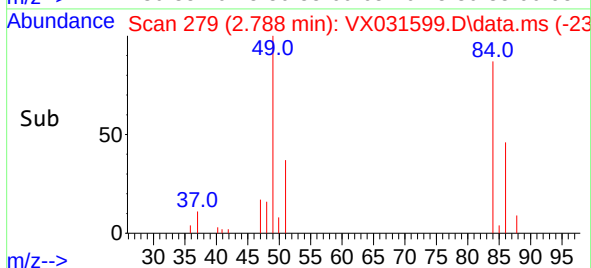
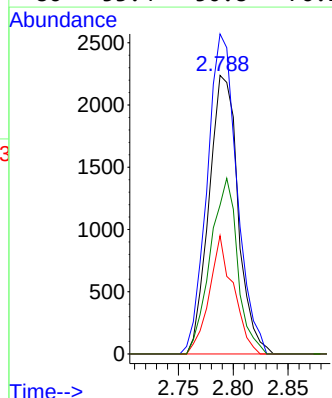
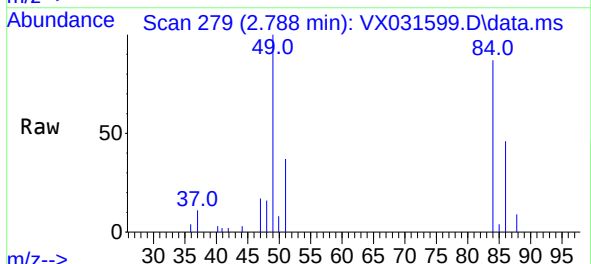
Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

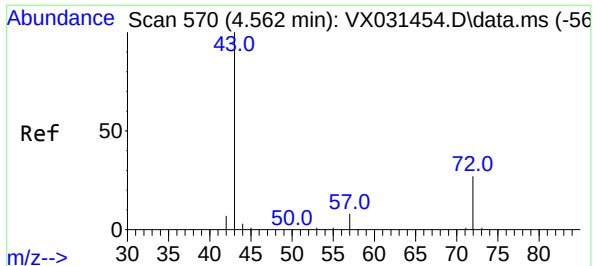
Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
74 18.1 18.6 27.8#



#20
Methylene Chloride
Concen: 1.157 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion: 84 Resp: 4129
Ion Ratio Lower Upper
84 100
49 114.9 105.9 158.9
51 42.4 32.2 48.2
86 53.4 50.8 76.2





#25

2-Butanone

Concen: 0.757 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX031599.D

Acq: 23 Sep 2022 03:44

Instrument :

MSVOA_X

ClientSampleId :

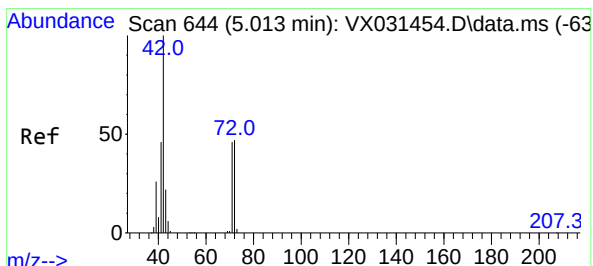
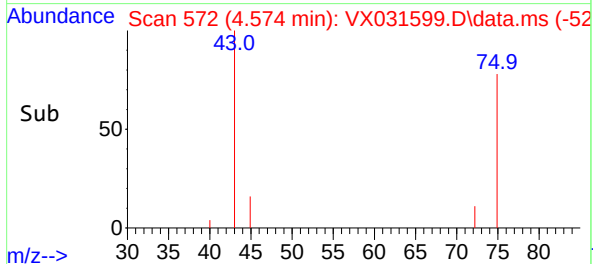
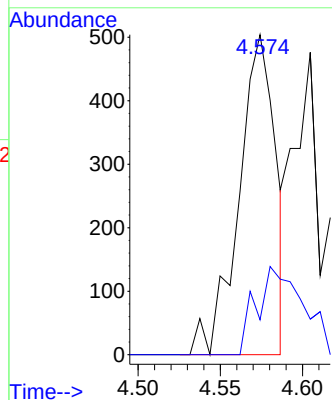
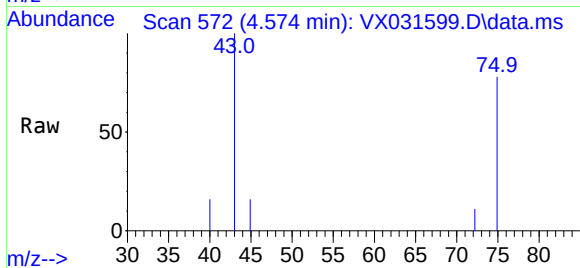
PB147821TB

Tgt Ion: 43 Resp: 785

Ion Ratio Lower Upper

43 100

72 10.9 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.364 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX031599.D

Acq: 23 Sep 2022 03:44

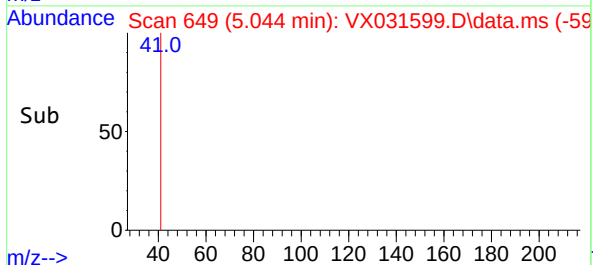
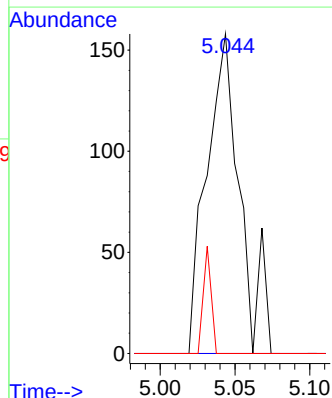
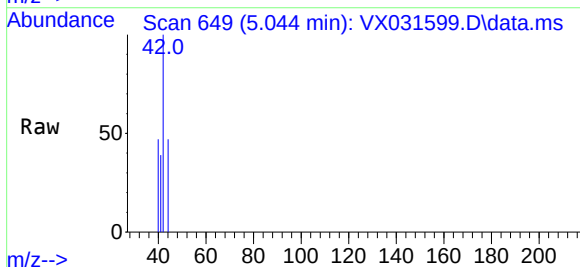
Tgt Ion: 42 Resp: 246

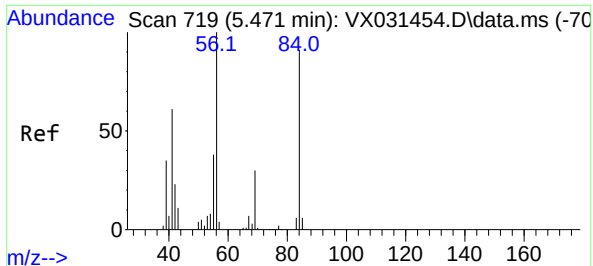
Ion Ratio Lower Upper

42 100

72 0.0 36.4 54.6#

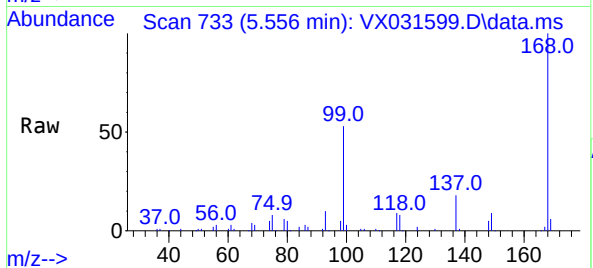
71 7.7 33.5 50.3#



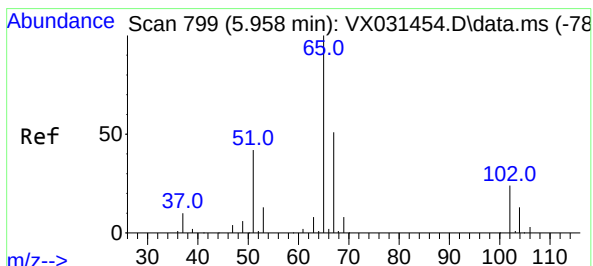
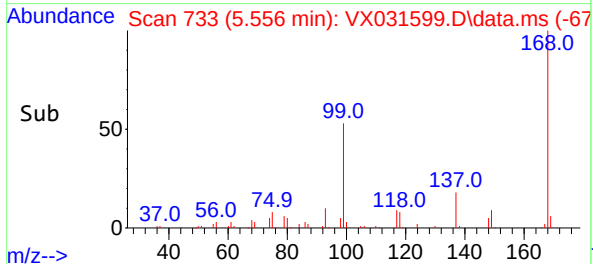
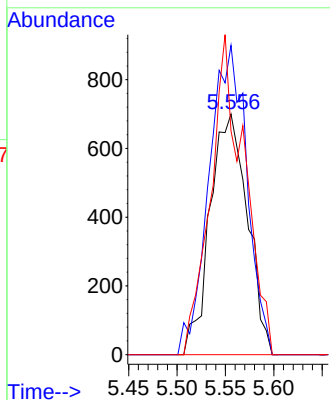


#31
Cyclohexane
Concen: 0.947 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

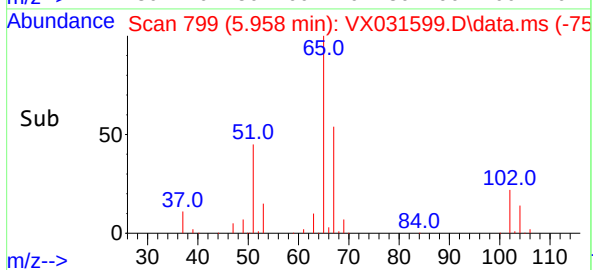
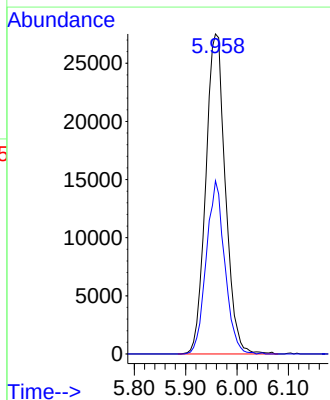
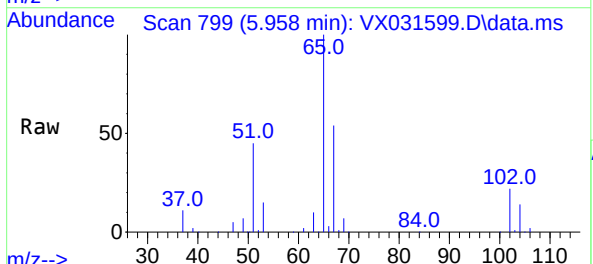


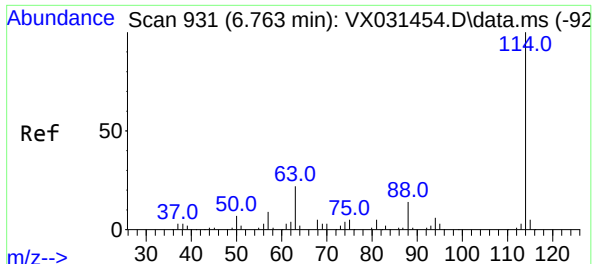
Tgt Ion: 56 Resp: 1886
Ion Ratio Lower Upper
56 100
69 128.6 25.1 37.7#
84 93.0 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 54.328 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion: 65 Resp: 72988
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.4

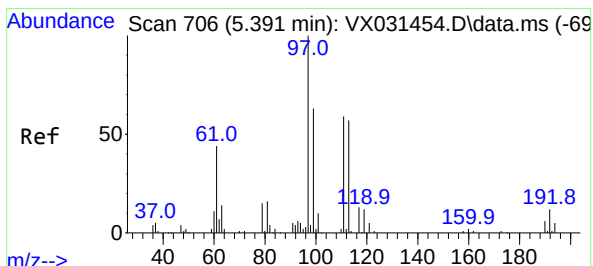
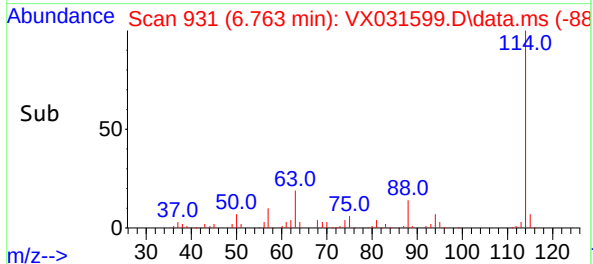
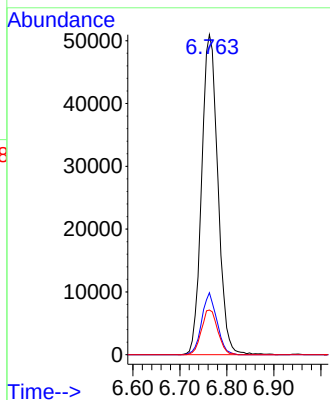
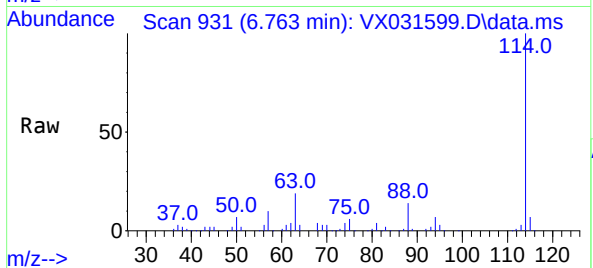




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

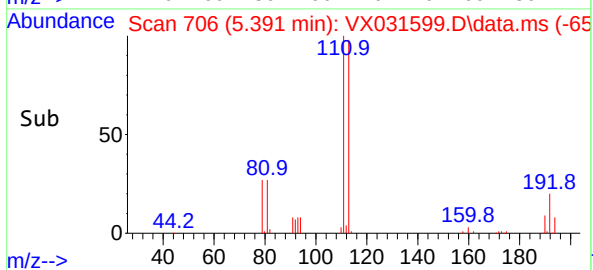
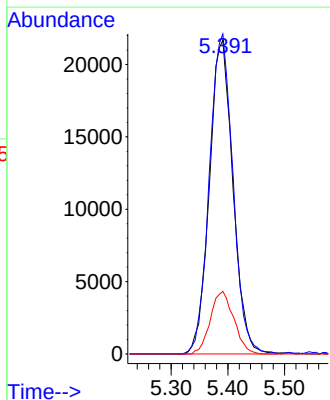
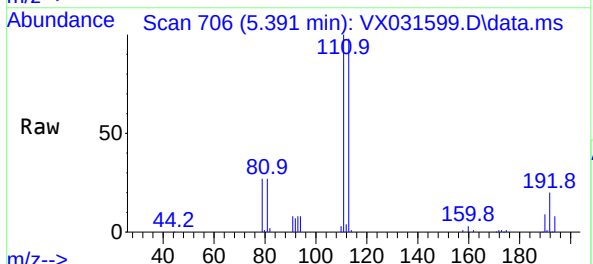
Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

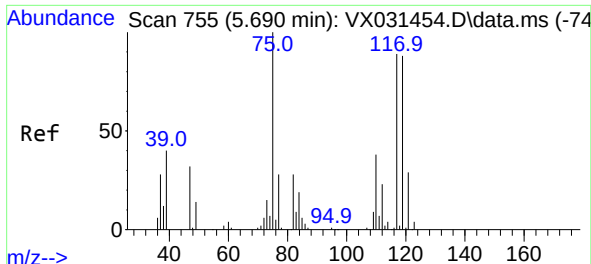
Tgt Ion:114 Resp: 121855
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 14.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.709 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion:113 Resp: 62614
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.8 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.011 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031599.D

Acq: 23 Sep 2022 03:44

Instrument :

MSVOA_X

ClientSampleId :

PB147821TB

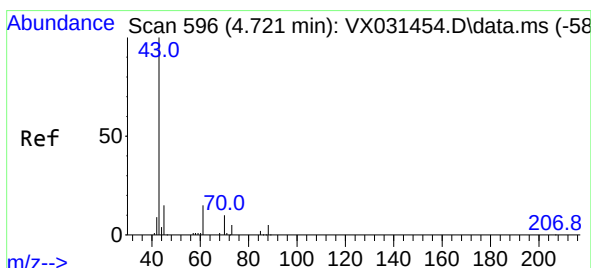
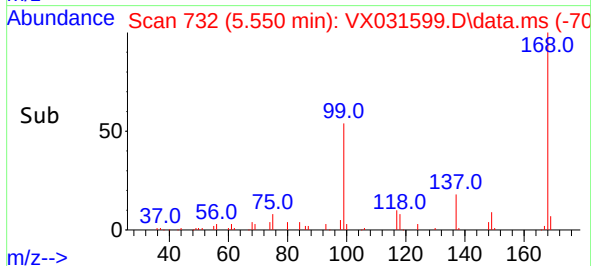
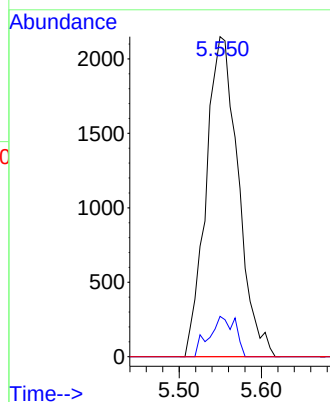
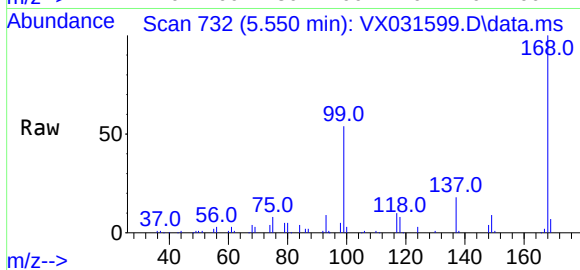
Tgt Ion: 75 Resp: 5832

Ion Ratio Lower Upper

75 100

110 10.2 17.5 52.5#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 4.410 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX031599.D

Acq: 23 Sep 2022 03:44

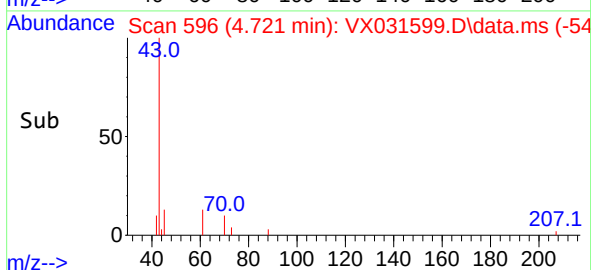
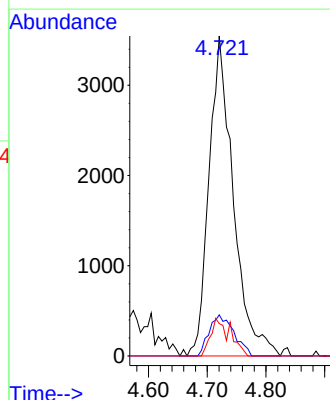
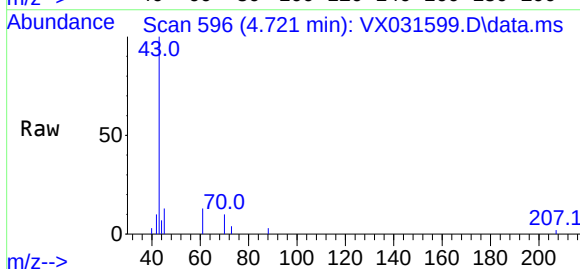
Tgt Ion: 43 Resp: 10191

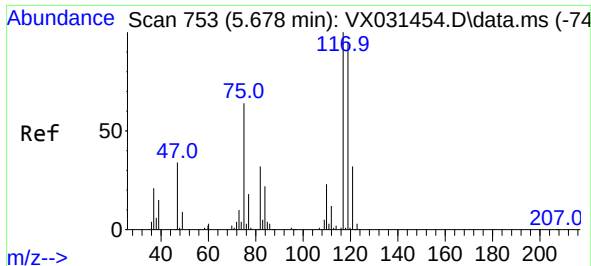
Ion Ratio Lower Upper

43 100

61 13.0 11.1 16.7

70 9.5 8.6 13.0

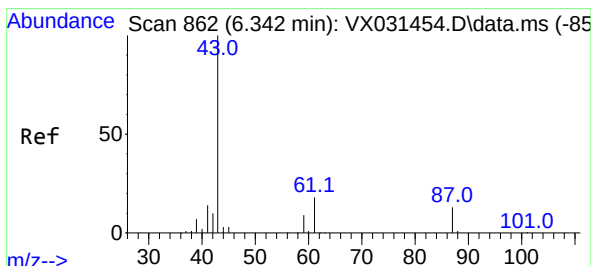
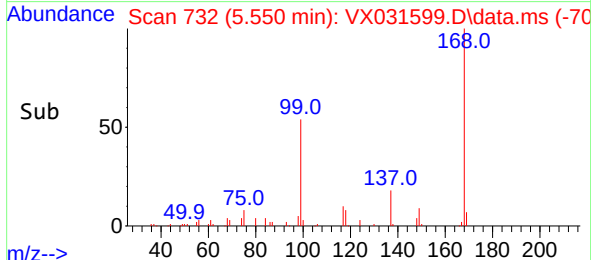
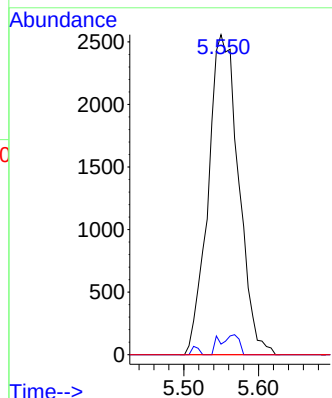
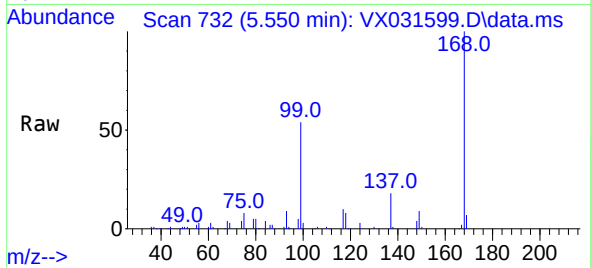




#38
Carbon Tetrachloride
Concen: 3.373 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

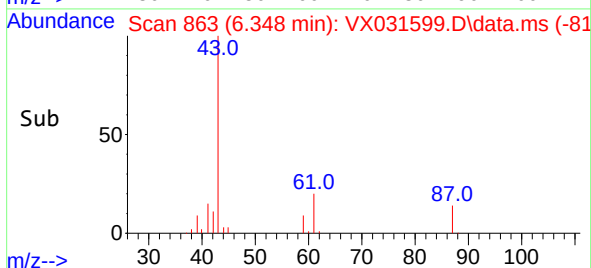
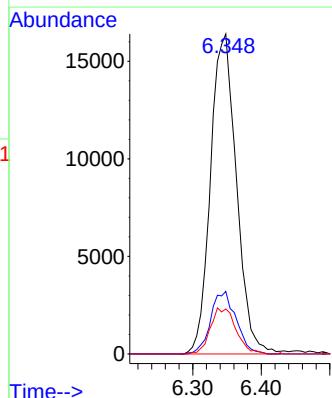
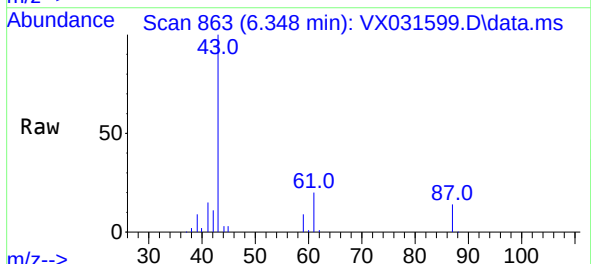
Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

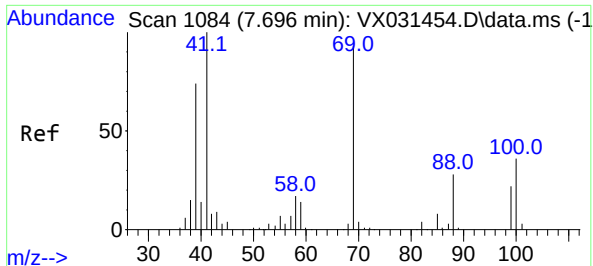
Tgt Ion:117 Resp: 7241
Ion Ratio Lower Upper
117 100
119 3.3 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 12.123 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion: 43 Resp: 43054
Ion Ratio Lower Upper
43 100
61 19.1 15.3 22.9
87 14.2 10.6 15.8

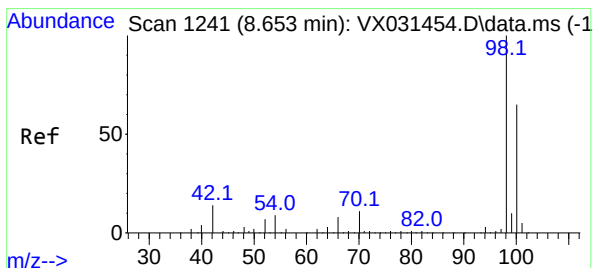
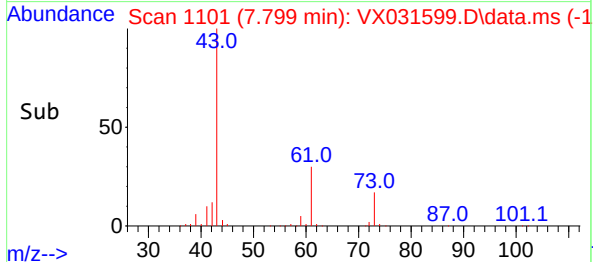
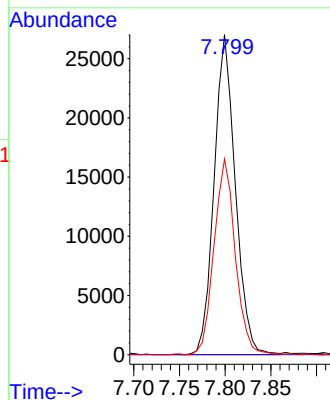
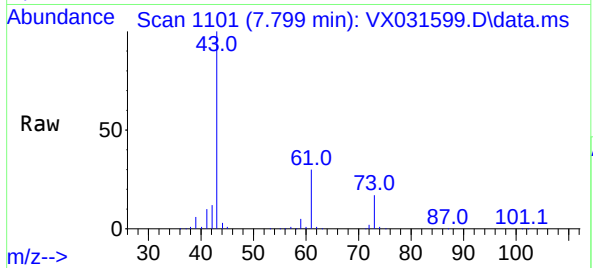




#48
Methyl methacrylate
Concen: 26.915 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

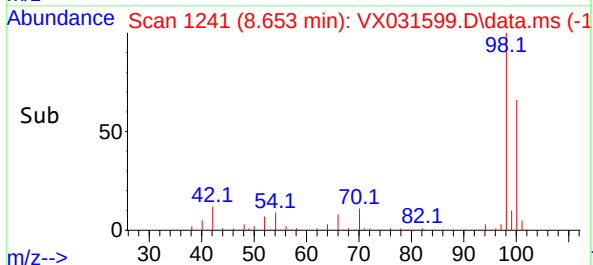
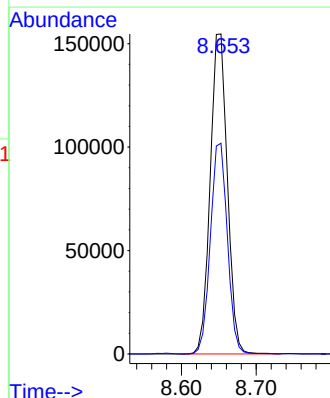
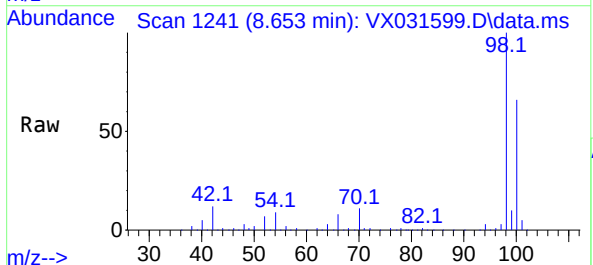
Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

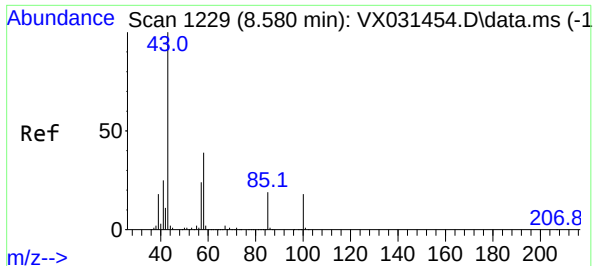
Tgt Ion: 41 Resp: 43670
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 61.3 51.4 77.0



#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion: 98 Resp: 246895
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 16.513 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX031599.D

Acq: 23 Sep 2022 03:44

Instrument :

MSVOA_X

ClientSampleId :

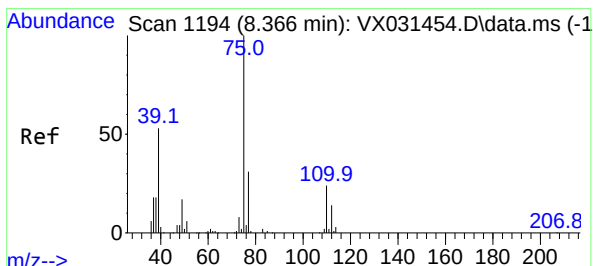
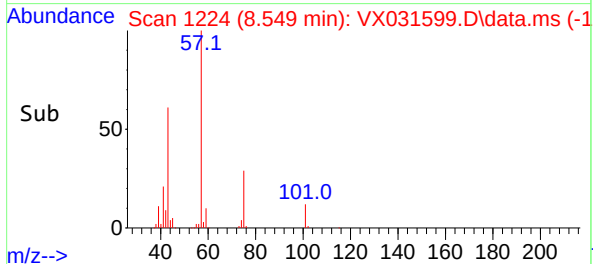
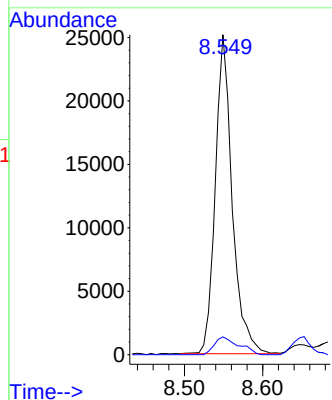
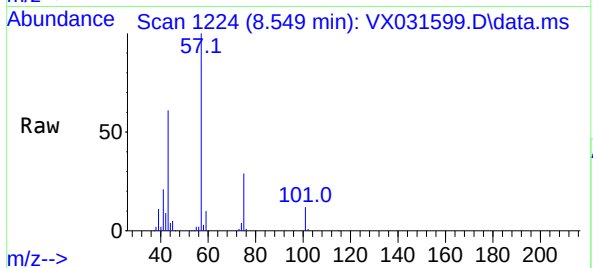
PB147821TB

Tgt Ion: 43 Resp: 37721

Ion Ratio Lower Upper

43 100

58 8.0 30.6 46.0#



#54

cis-1,3-Dichloropropene

Concen: 7.201 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX031599.D

Acq: 23 Sep 2022 03:44

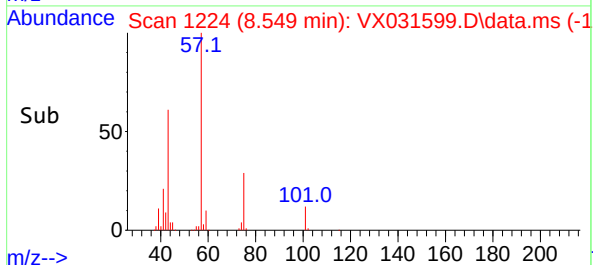
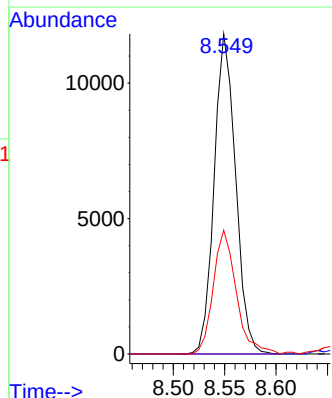
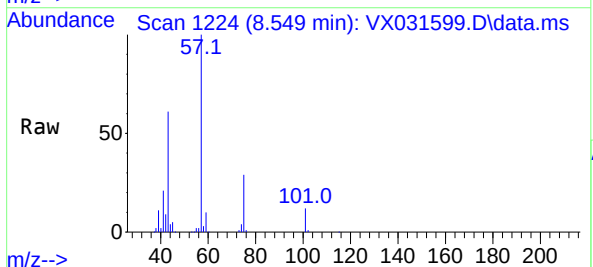
Tgt Ion: 75 Resp: 17132

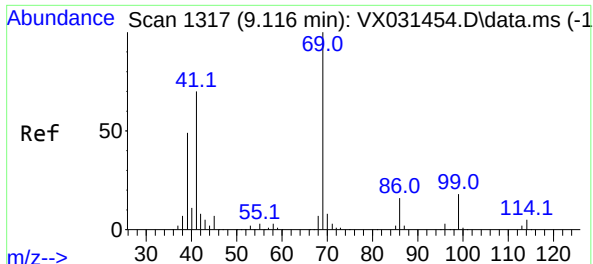
Ion Ratio Lower Upper

75 100

77 0.0 24.4 36.6#

39 38.7 43.7 65.5#





#56

Ethyl methacrylate

Concen: 0.223 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.128 min

Lab File: VX031599.D

Acq: 23 Sep 2022 03:44

Instrument :

MSVOA_X

ClientSampleId :

PB147821TB

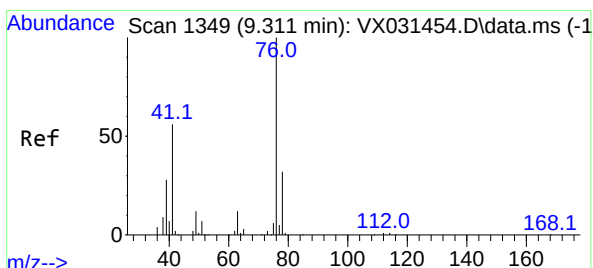
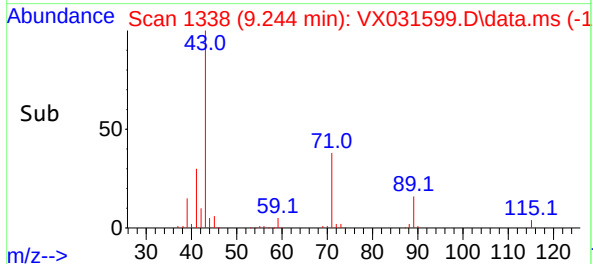
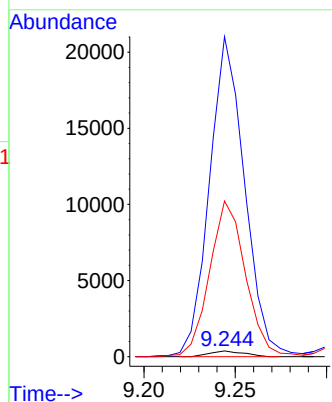
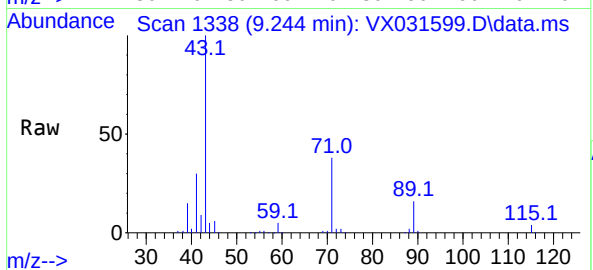
Tgt Ion: 69 Resp: 492

Ion Ratio Lower Upper

69 100

41 5738.8 54.2 81.4#

39 2850.6 34.2 51.2#



#57

1,3-Dichloropropane

Concen: 0.902 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX031599.D

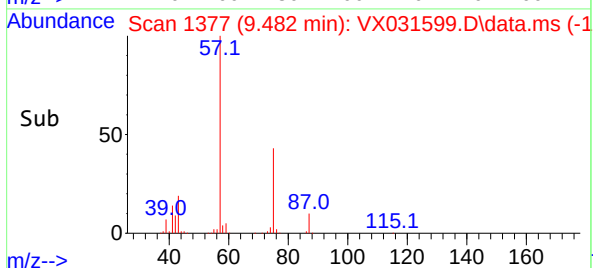
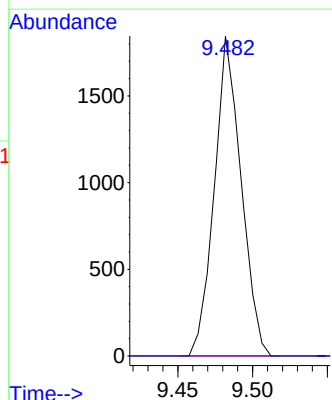
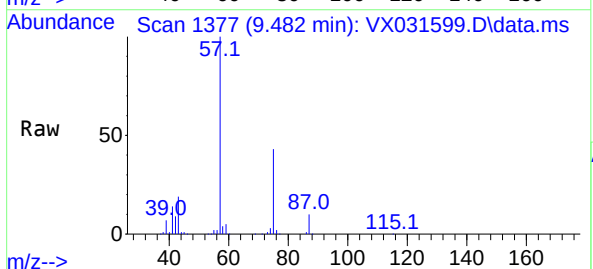
Acq: 23 Sep 2022 03:44

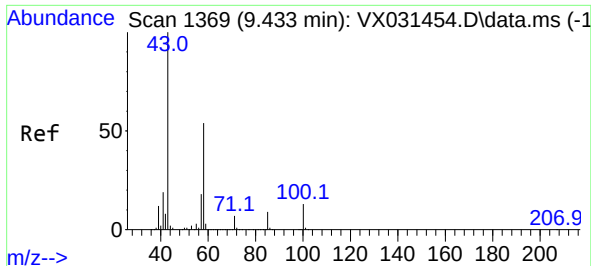
Tgt Ion: 76 Resp: 2298

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#

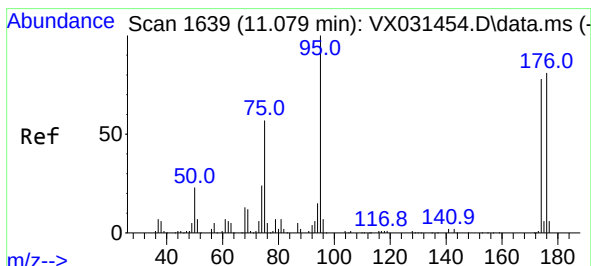
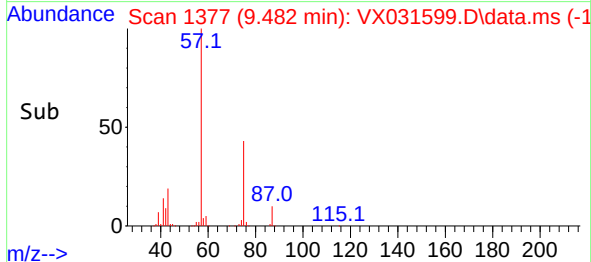
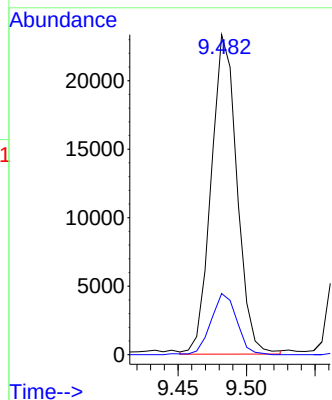
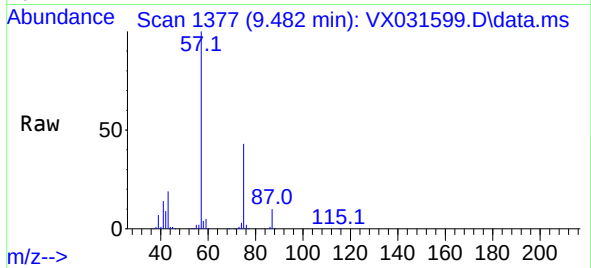




#59
2-Hexanone
Concen: 17.812 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

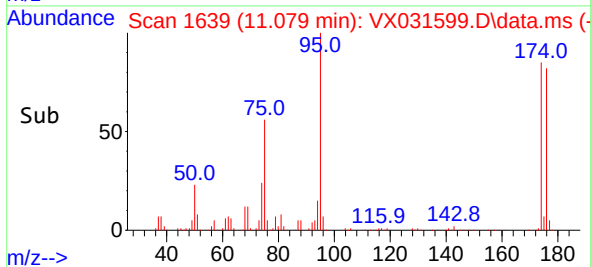
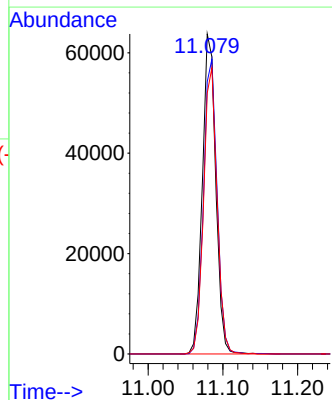
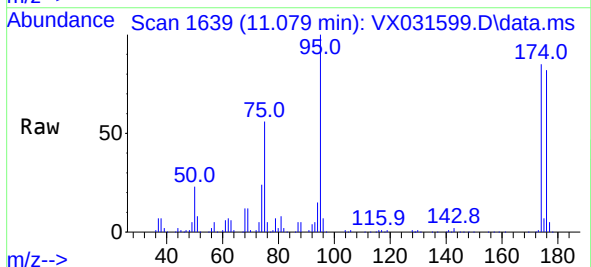
Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

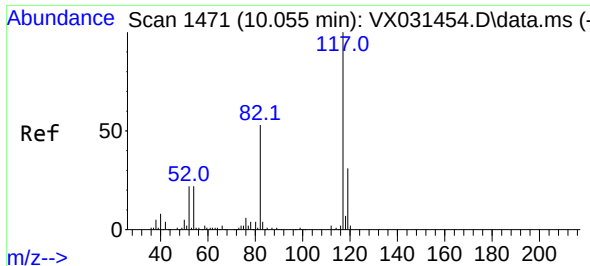
Tgt Ion: 43 Resp: 30557
Ion Ratio Lower Upper
43 100
58 19.2 26.7 80.0#



#62
4-Bromofluorobenzene
Concen: 48.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion: 95 Resp: 79434
Ion Ratio Lower Upper
95 100
174 93.0 0.0 153.2
176 89.8 0.0 144.0

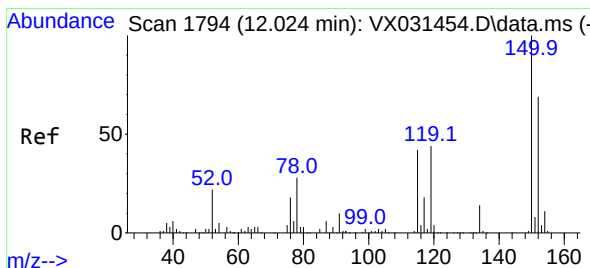
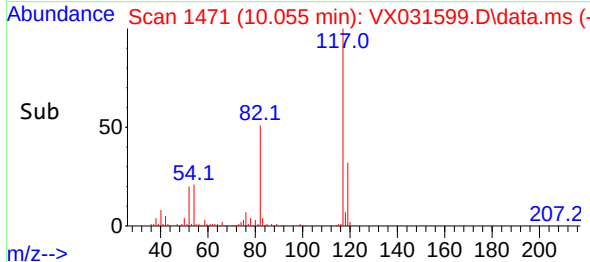
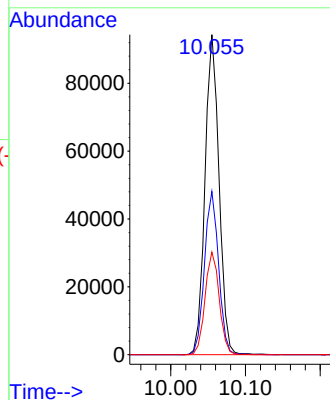
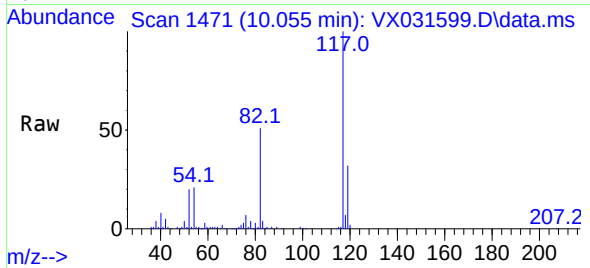




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

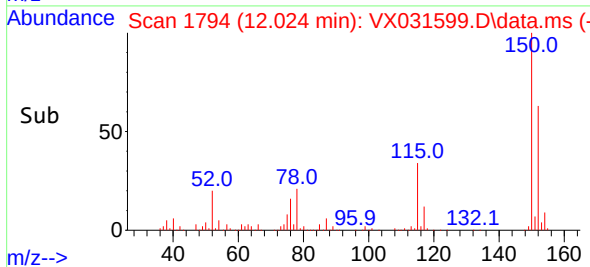
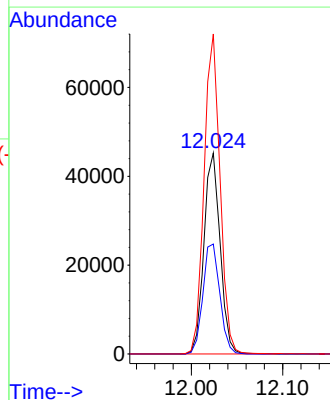
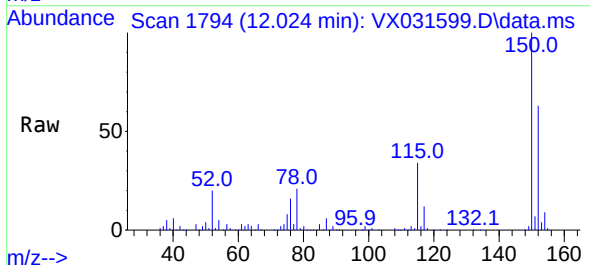
Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

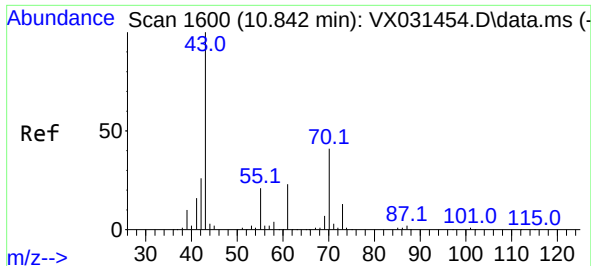
Tgt Ion:117 Resp: 123012
Ion Ratio Lower Upper
117 100
82 51.0 46.8 70.2
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion:152 Resp: 55467
Ion Ratio Lower Upper
152 100
115 57.2 43.4 130.1
150 157.3 0.0 346.8

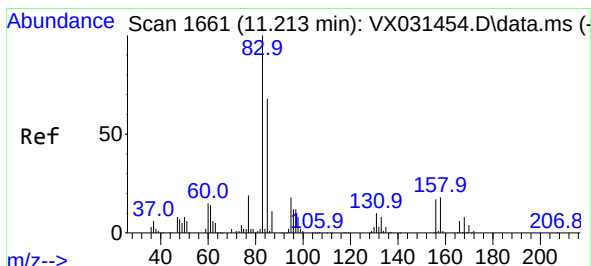
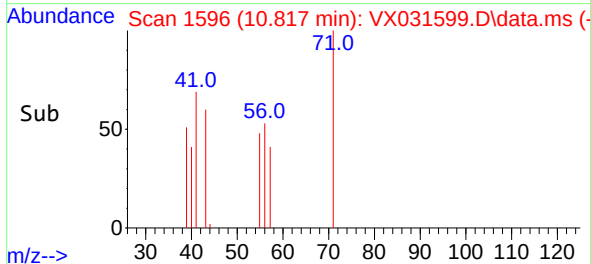
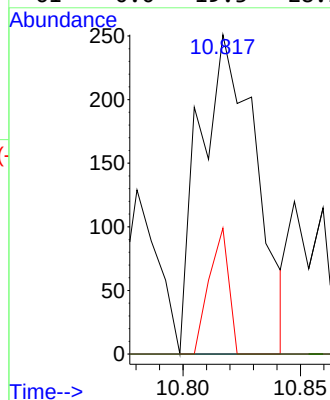
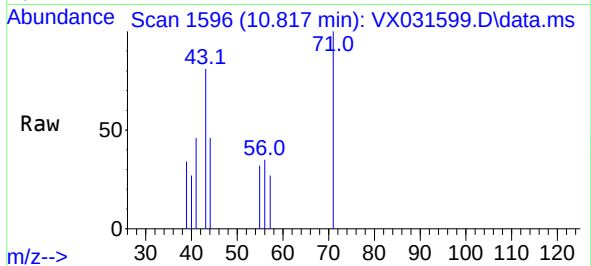




#74
N-amy1 acetate
Concen: 0.251 ug/l
RT: 10.817 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

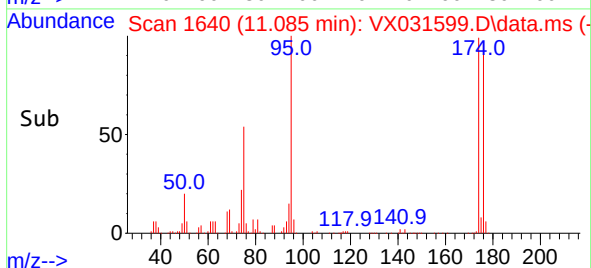
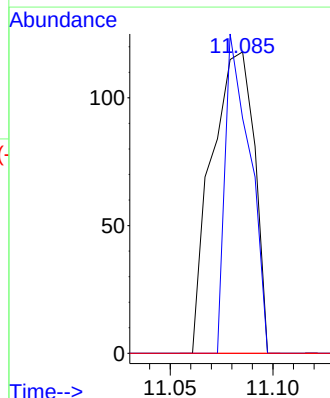
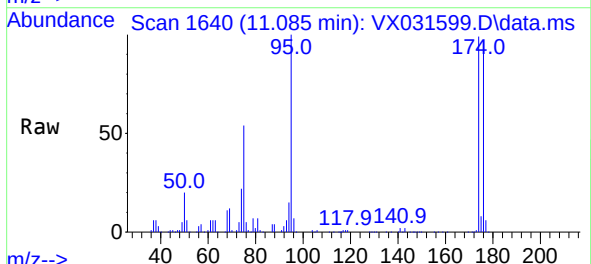
Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

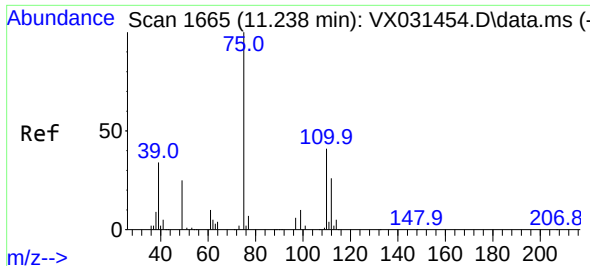
Tgt Ion: 43	Resp: 421
Ion Ratio	Lower Upper
43 100	
70 0.0	33.4 50.2#
55 13.5	18.2 27.2#
61 0.0	19.3 28.9#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. -0.128 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion: 83	Resp:	171	
Ion Ratio	Lower	Upper	
83 100			
131 61.4	5.1	15.4#	
85 0.0	32.6	97.8#	

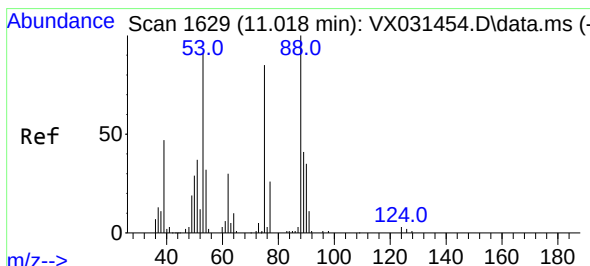
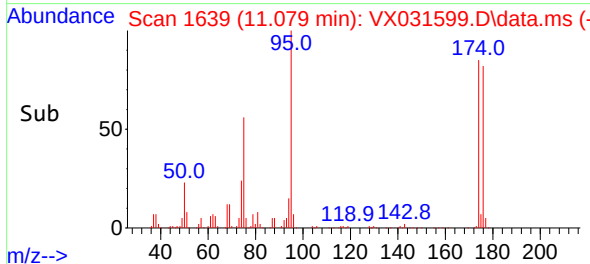
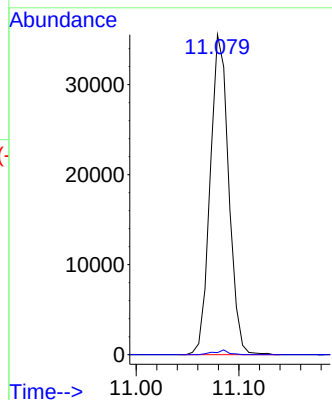
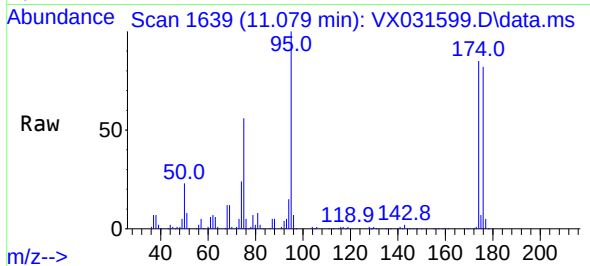




#76
1,2,3-Trichloropropane
Concen: 35.989 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Instrument :
MSVOA_X
ClientSampleId :
PB147821TB

Tgt Ion: 75 Resp: 44553
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.879 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031599.D
Acq: 23 Sep 2022 03:44

Tgt Ion: 75 Resp: 44553
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

