

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027197.D
 Acq On : 25 Feb 2022 18:27
 Operator : JC/MD
 Sample : PB142919ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#02

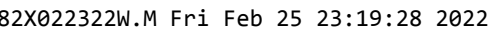
Quant Time: Feb 25 23:19:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

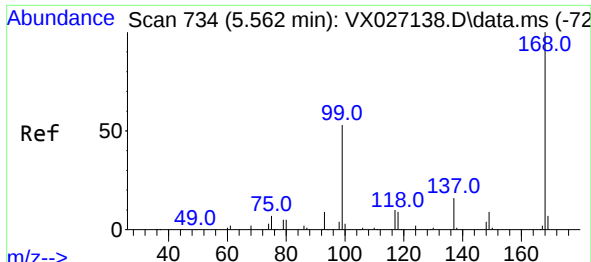
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	93910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	158542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57024	50.559	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.120%	
35) Dibromofluoromethane	5.391	113	49234	50.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.060%	
50) Toluene-d8	8.653	98	185934	50.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	11.079	95	68290	48.349	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.700%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	52	Below Cal		95
11) Tert butyl alcohol	2.965	59	48	0.219 ug/l	#	75
14) Allyl chloride	2.794	41	2129	1.323 ug/l	#	25
16) Acetone	2.386	43	9197	18.572 ug/l		93
18) Methyl Acetate	2.709	43	799	0.625 ug/l	#	77
20) Methylene Chloride	2.794	84	57102	55.634 ug/l		96
25) 2-Butanone	4.581	43	1262	1.600 ug/l	#	88
31) Cyclohexane	5.562	56	1682	0.996 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	6960	4.846 ug/l	#	50
37) Ethyl Acetate	4.581	43	1262	0.800 ug/l	#	69
38) Carbon Tetrachloride	5.556	117	9236	6.166 ug/l	#	16
43) Isopropyl Acetate	6.342	43	8033	3.311 ug/l		98
48) Methyl methacrylate	7.598	41	2476	2.109 ug/l	#	16
49) 1,4-Dioxane	7.799	88	48	1.808 ug/l	#	1
51) 4-Methyl-2-Pentanone	8.549	43	29950	18.996 ug/l	#	51
54) cis-1,3-Dichloropropene	8.549	75	14441	8.992 ug/l	#	57
57) 1,3-Dichloropropane	9.482	76	8845	4.992 ug/l	#	43
59) 2-Hexanone	9.482	43	119582	99.234 ug/l	#	52
74) N-amyl acetate	10.768	43	413	0.222 ug/l	#	44
76) 1,2,3-Trichloropropane	11.079	75	33526	24.393 ug/l	#	40
80) 1,3,5-Trimethylbenzene	11.451	105	2003	0.488 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.079	75	33526	69.206 ug/l	#	3

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

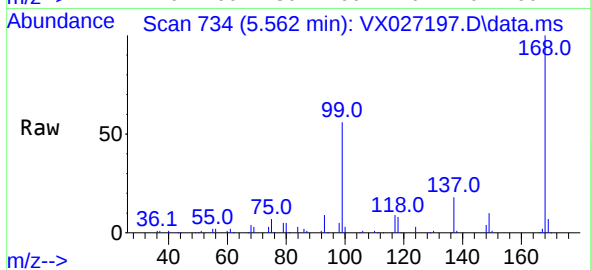
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration



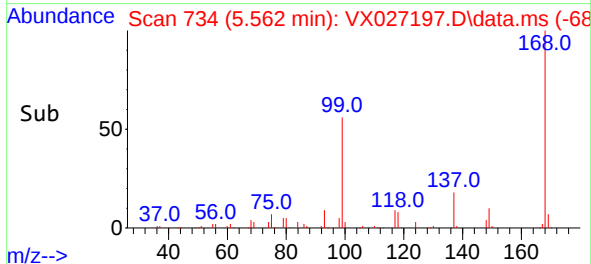
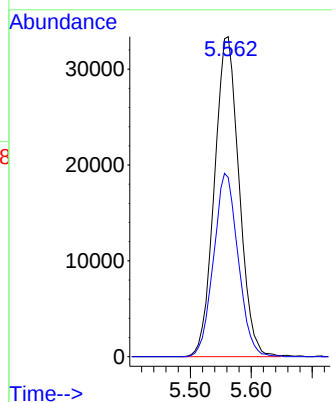


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#02

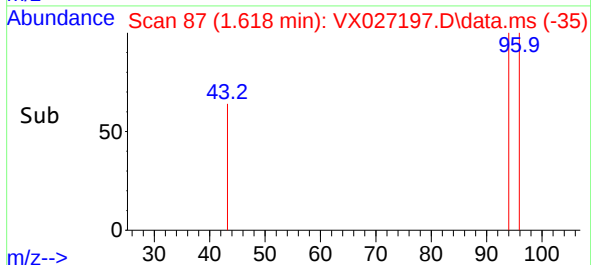
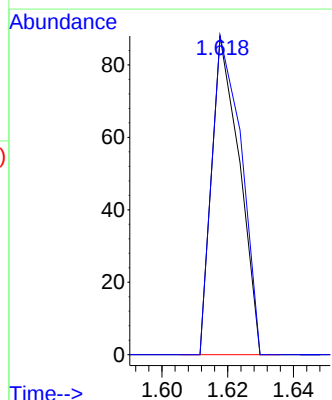
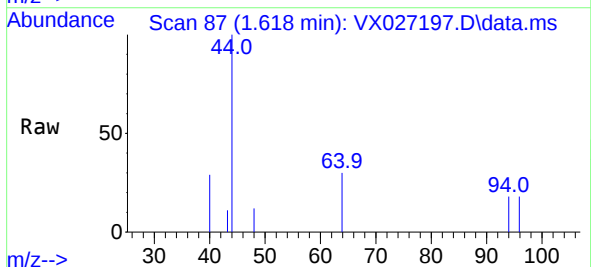


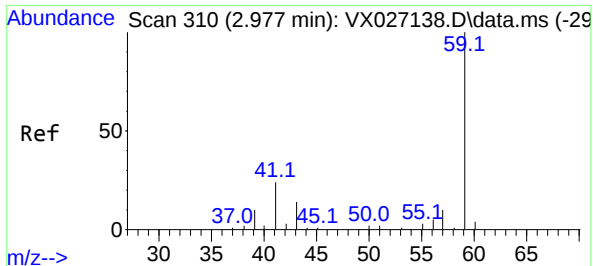
Tgt Ion:168 Resp: 93910
Ion Ratio Lower Upper
168 100
99 56.0 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Tgt Ion: 94 Resp: 52
Ion Ratio Lower Upper
94 100
96 100.0 75.9 113.9

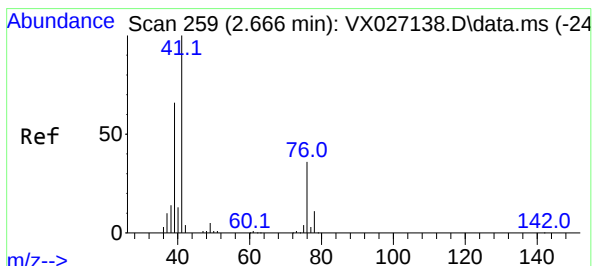
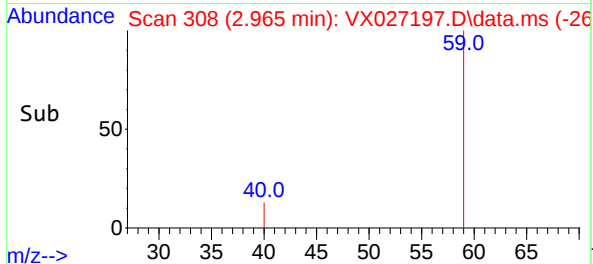
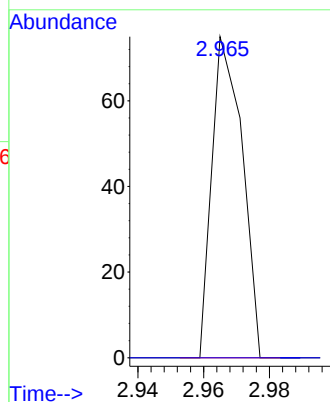
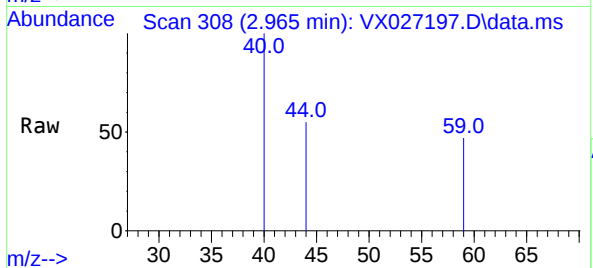




#11
Tert butyl alcohol
Concen: 0.219 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

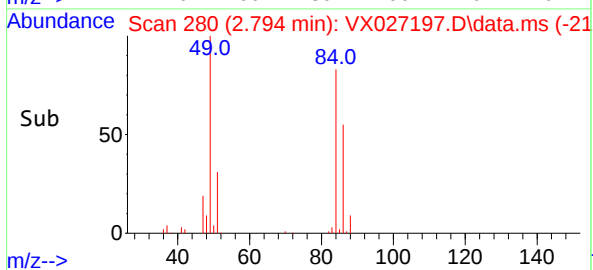
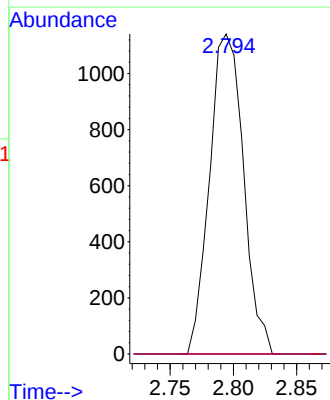
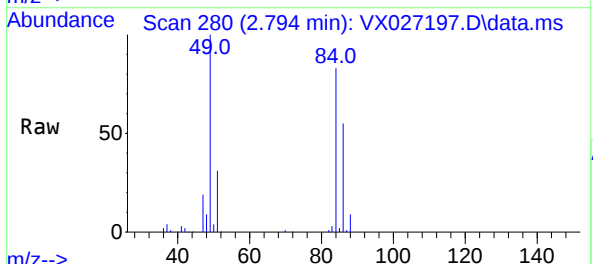
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#02

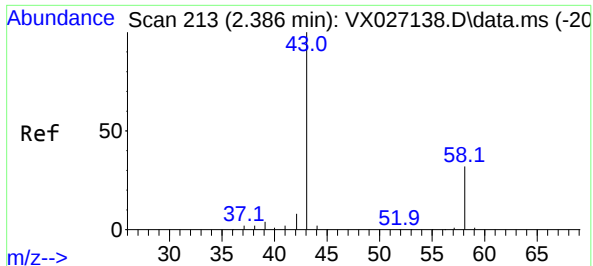
Tgt Ion: 59 Resp: 48
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#14
Allyl chloride
Concen: 1.323 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.128 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Tgt Ion: 41 Resp: 2129
Ion Ratio Lower Upper
41 100
39 0.0 54.2 81.4#
76 0.0 25.2 37.8#

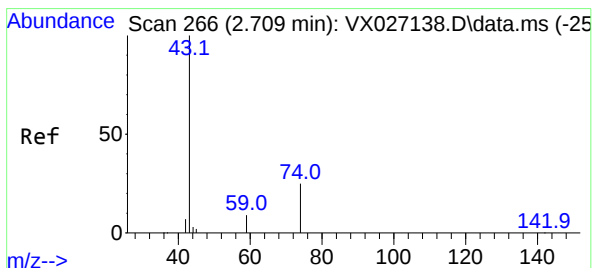
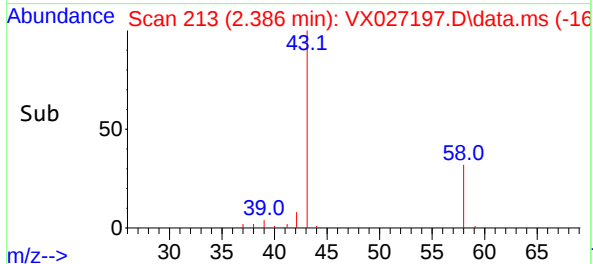
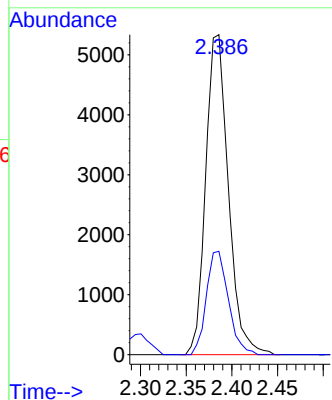
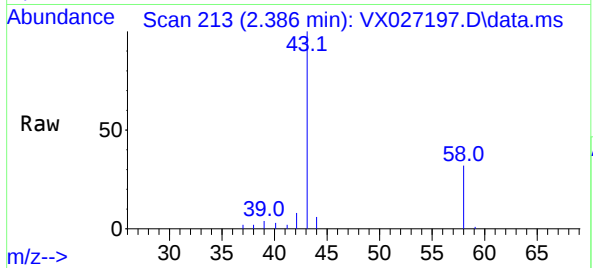




#16
Acetone
Concen: 18.572 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

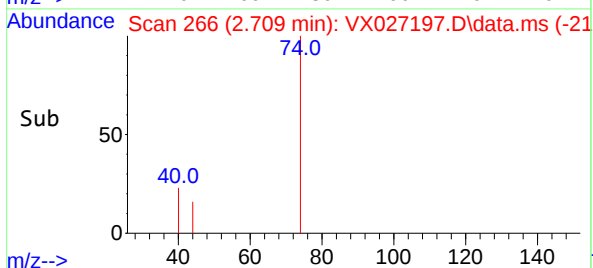
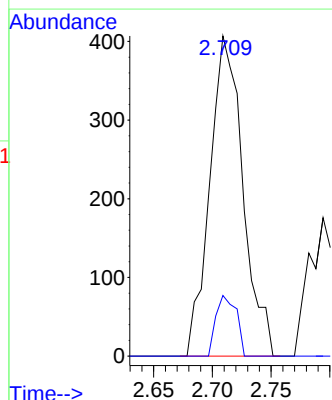
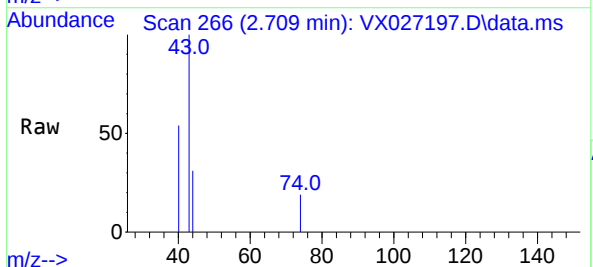
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#02

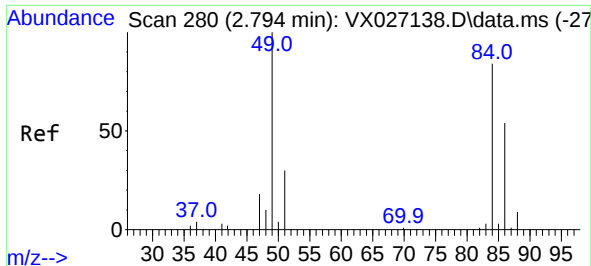
Tgt Ion: 43 Resp: 9197
Ion Ratio Lower Upper
43 100
58 32.3 23.0 34.6



#18
Methyl Acetate
Concen: 0.625 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
74 11.6 18.3 27.5#

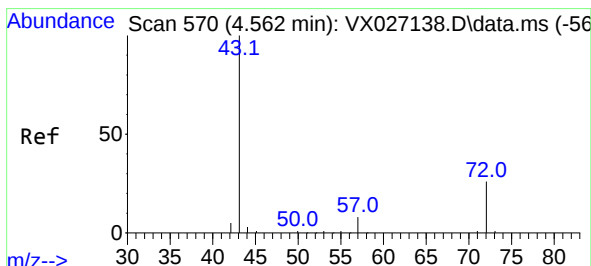
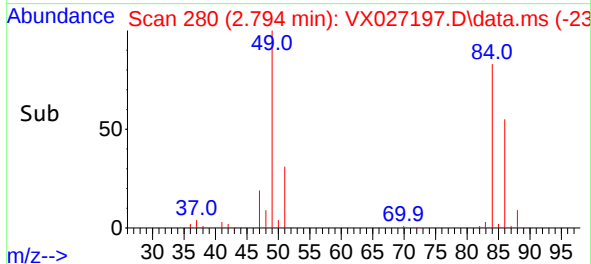
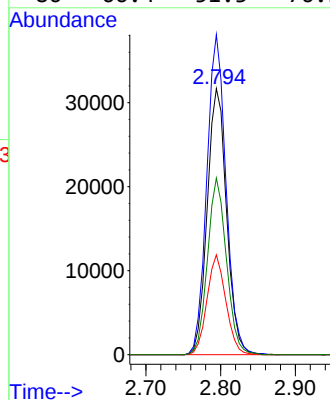
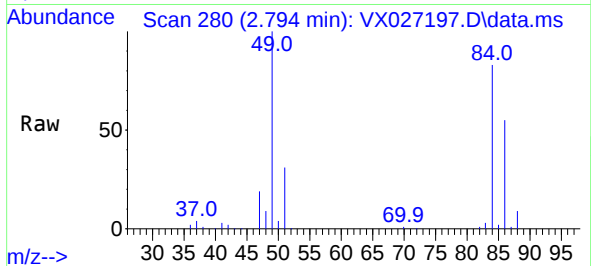




#20
Methylene Chloride
Concen: 55.634 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

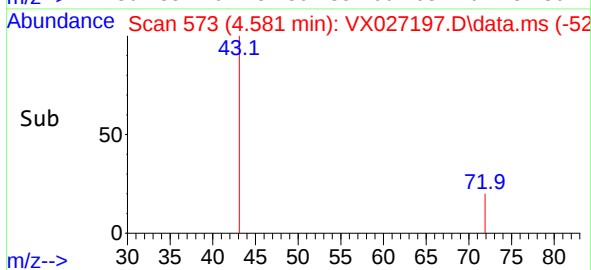
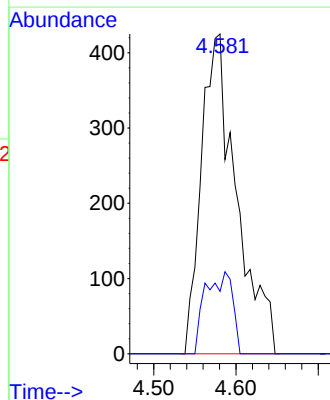
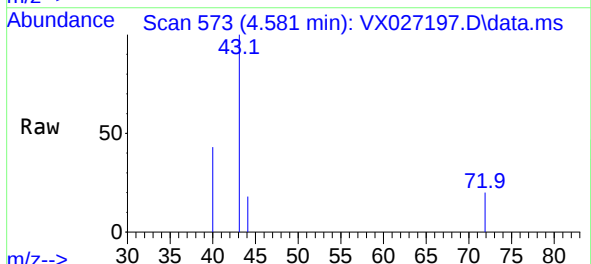
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#02

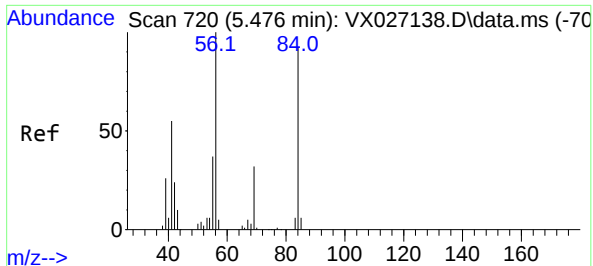
Tgt Ion:	84	Resp:	57102
Ion	Ratio	Lower	Upper
84	100		
49	120.2	101.5	152.3
51	37.5	31.2	46.8
86	66.4	51.3	76.9



#25
2-Butanone
Concen: 1.600 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.019 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Tgt Ion:	43	Resp:	1262
Ion	Ratio	Lower	Upper
43	100		
72	19.5	20.4	30.6#

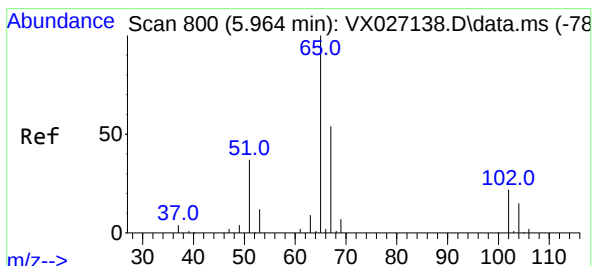
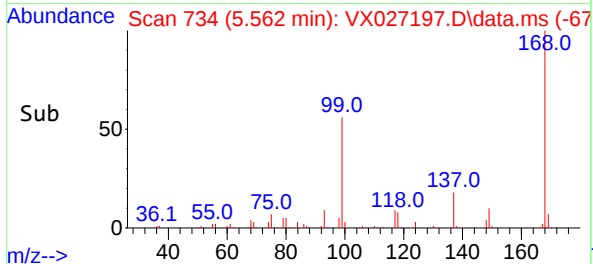
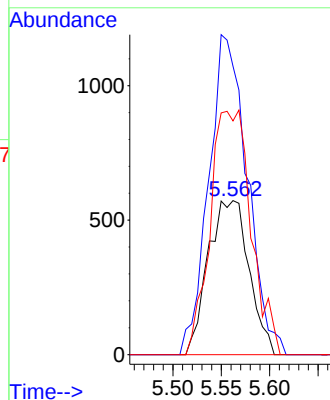
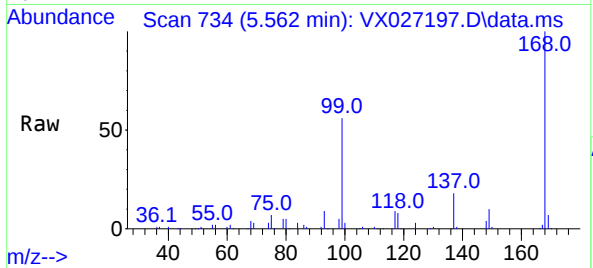




#31
Cyclohexane
Concen: 0.996 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.086 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

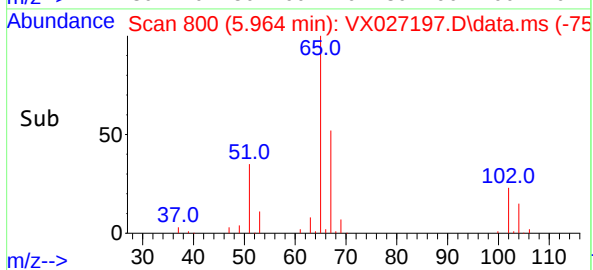
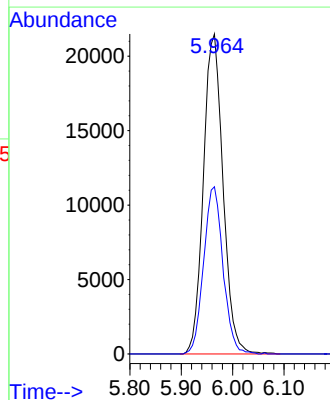
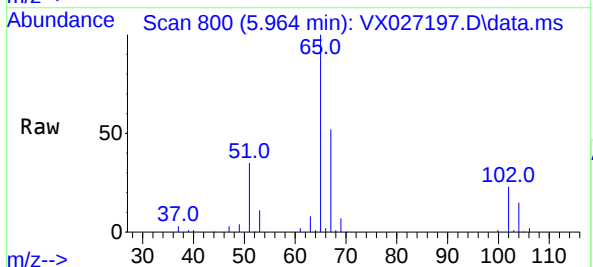
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#02

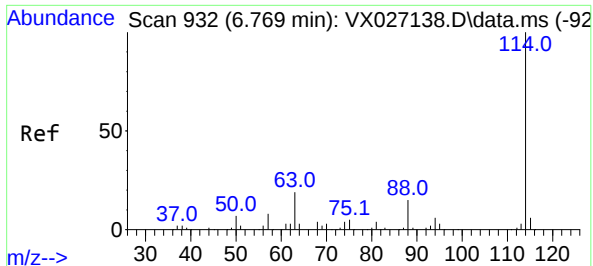
Tgt Ion: 56 Resp: 1682
Ion Ratio Lower Upper
56 100
69 187.3 25.8 38.6#
84 151.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.559 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Tgt Ion: 65 Resp: 57024
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.8

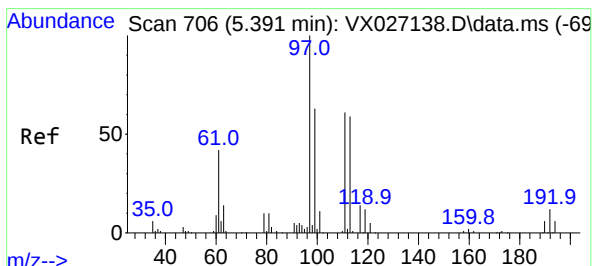
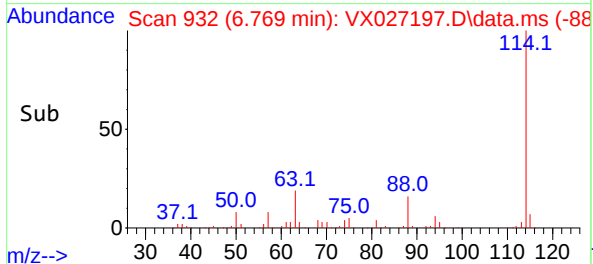
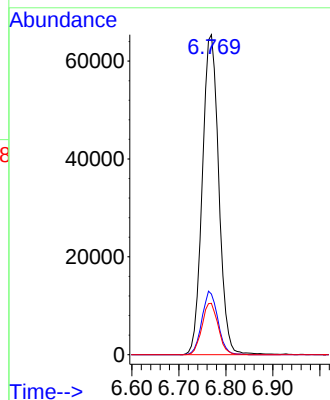
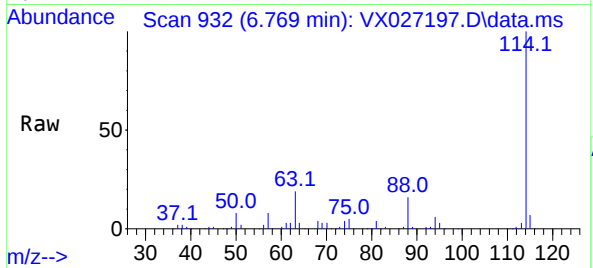




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

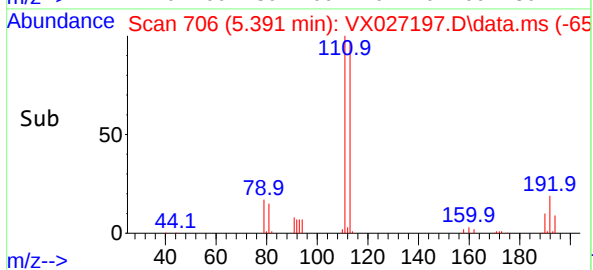
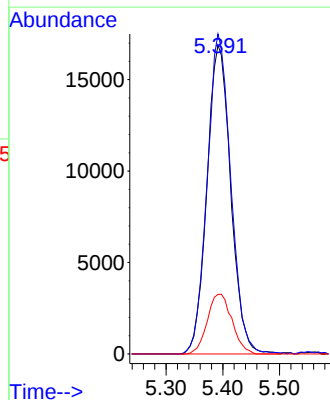
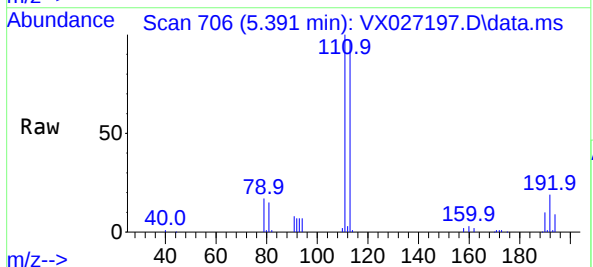
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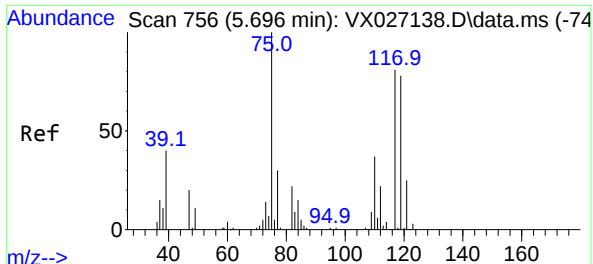
Tgt Ion:114 Resp: 158542
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.030 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Tgt Ion:113 Resp: 49234
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 20.0 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.846 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX027197.D

Acq: 25 Feb 2022 18:27

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#02

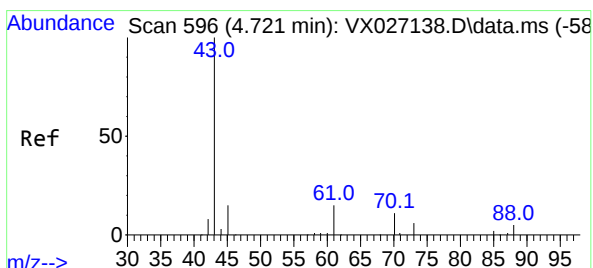
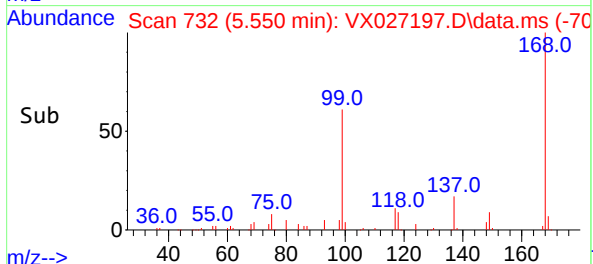
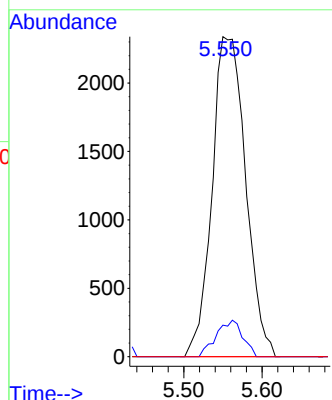
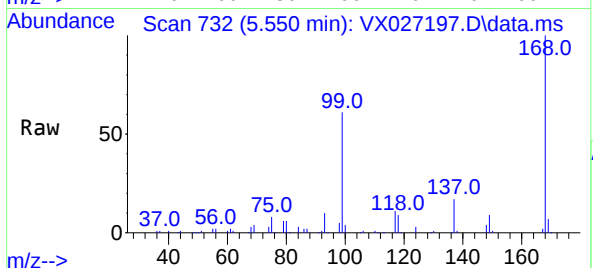
Tgt Ion: 75 Resp: 6960

Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 0.800 ug/l

RT: 4.581 min Scan# 573

Delta R.T. -0.140 min

Lab File: VX027197.D

Acq: 25 Feb 2022 18:27

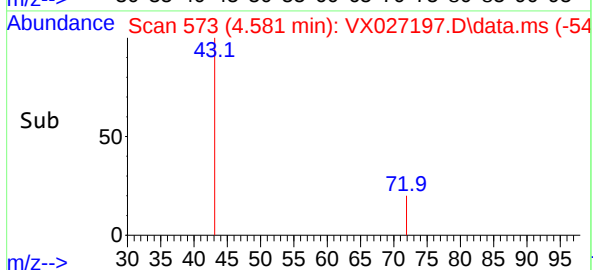
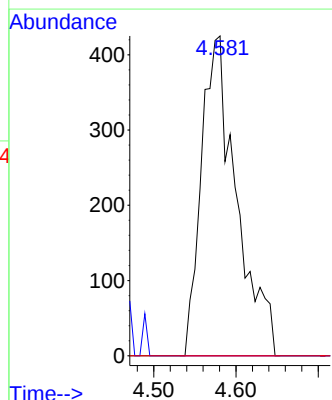
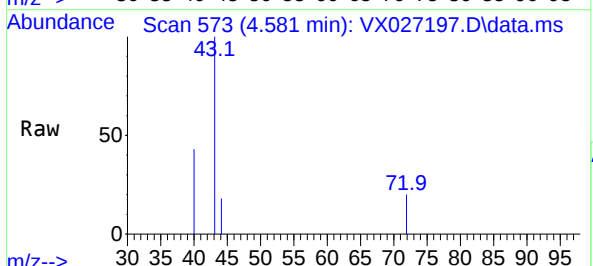
Tgt Ion: 43 Resp: 1262

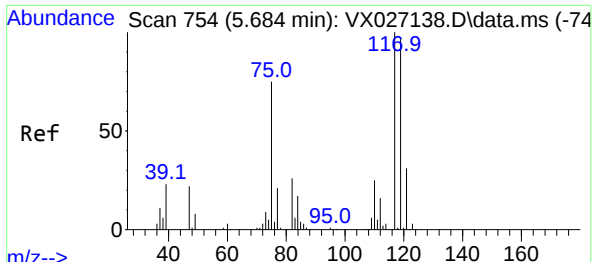
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

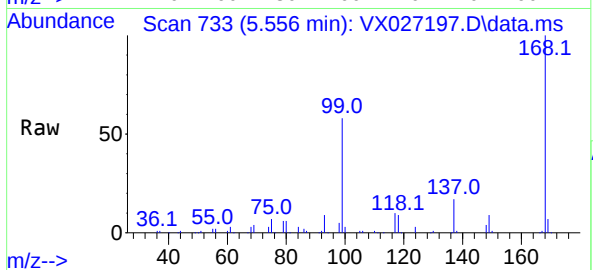
70 0.0 8.5 12.7#



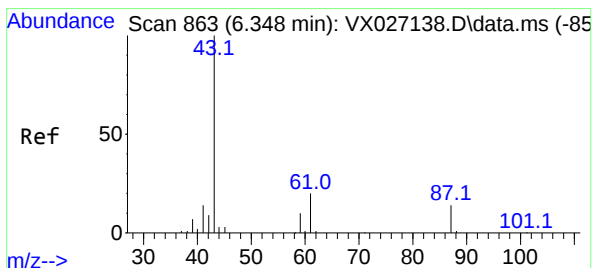
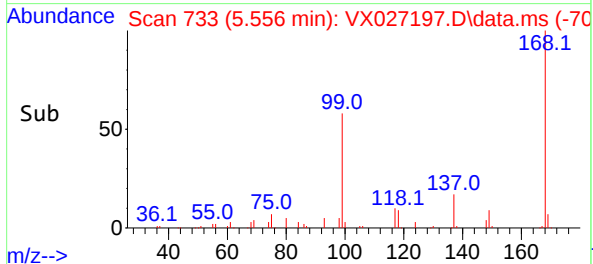
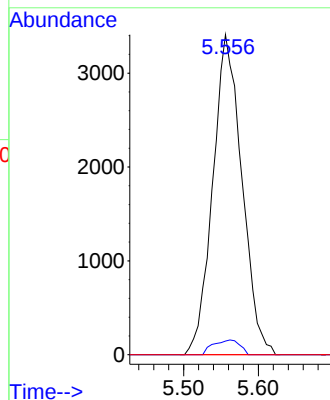


#38
Carbon Tetrachloride
Concen: 6.166 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#02

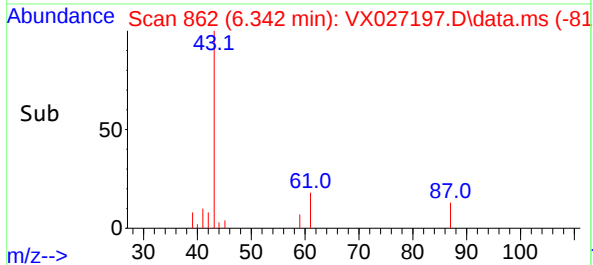
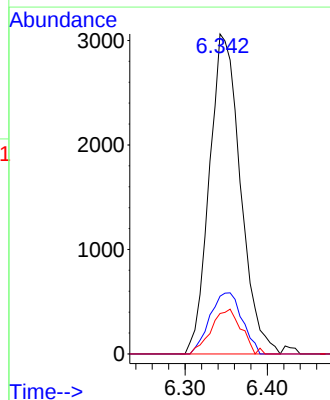
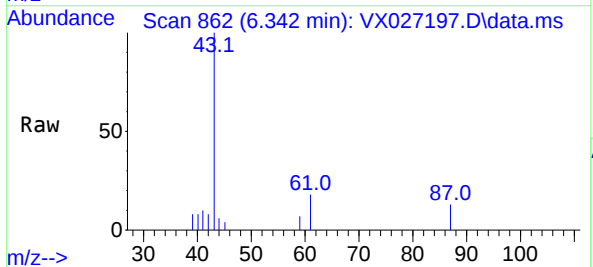


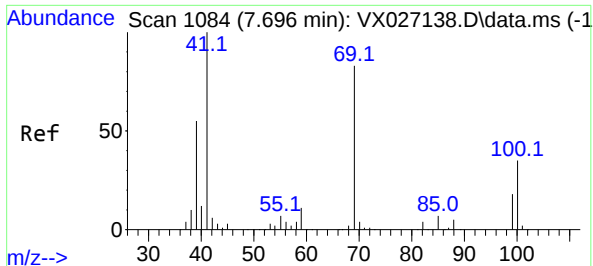
Tgt Ion:117 Resp: 9236
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.311 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Tgt Ion: 43 Resp: 8033
Ion Ratio Lower Upper
43 100
61 19.9 15.4 23.0
87 13.5 10.2 15.2





#48

Methyl methacrylate

Concen: 2.109 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.098 min

Lab File: VX027197.D

Acq: 25 Feb 2022 18:27

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#02

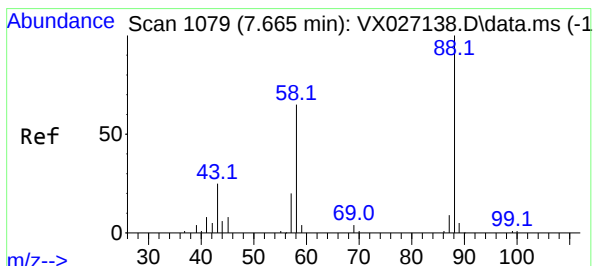
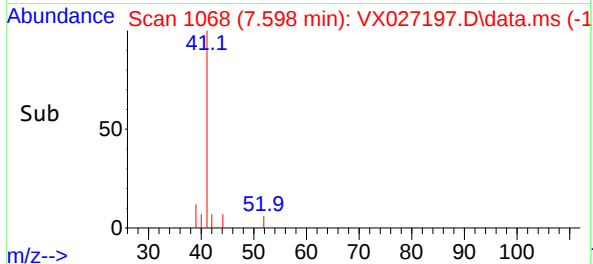
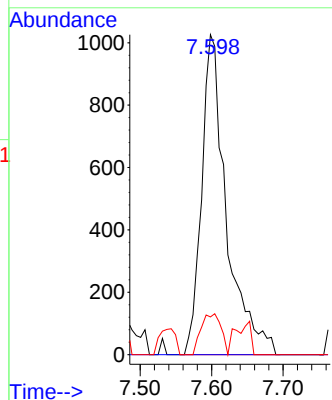
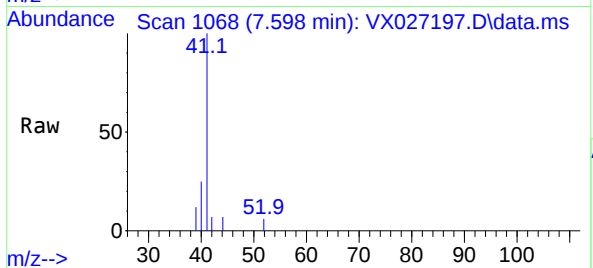
Tgt Ion: 41 Resp: 2476

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#49

1,4-Dioxane

Concen: 1.808 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX027197.D

Acq: 25 Feb 2022 18:27

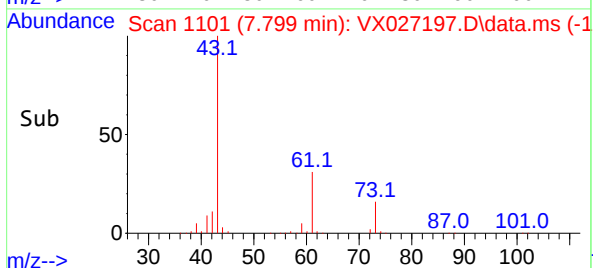
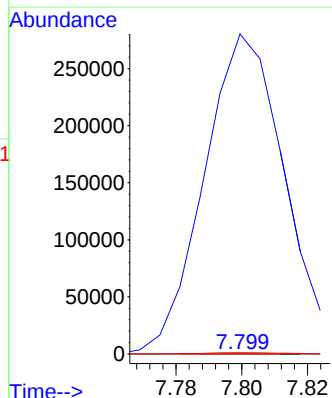
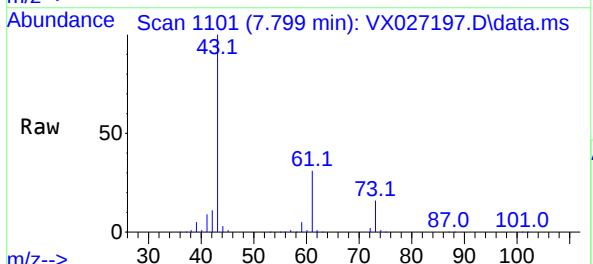
Tgt Ion: 88 Resp: 48

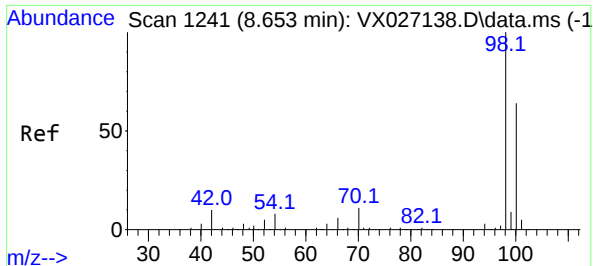
Ion Ratio Lower Upper

88 100

43 1009008.3 29.9 44.9#

58 3843.8 57.8 86.6#

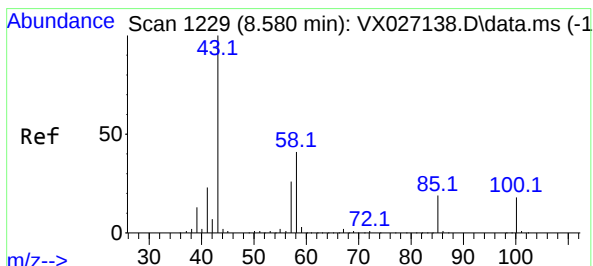
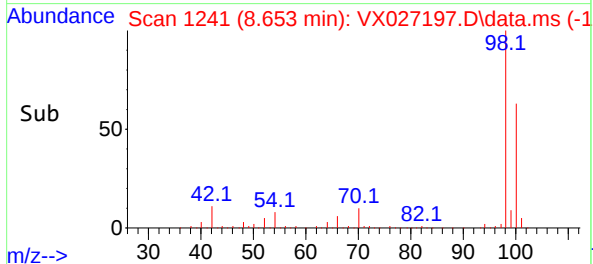
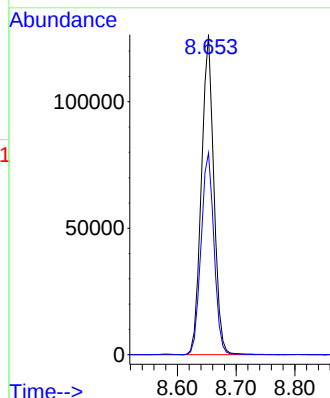
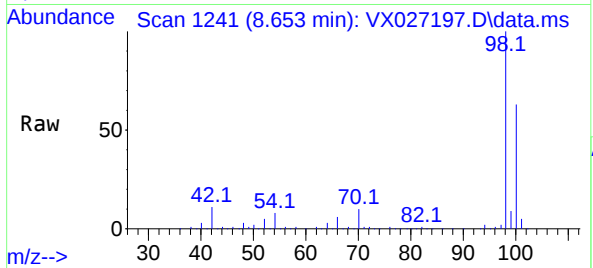




#50
Toluene-d8
Concen: 50.530 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

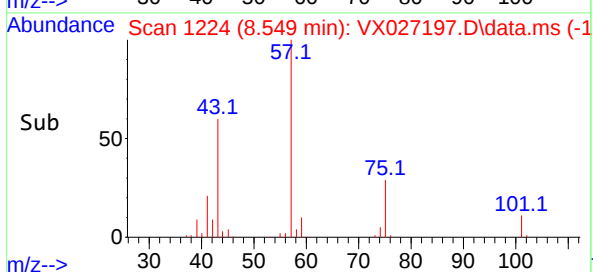
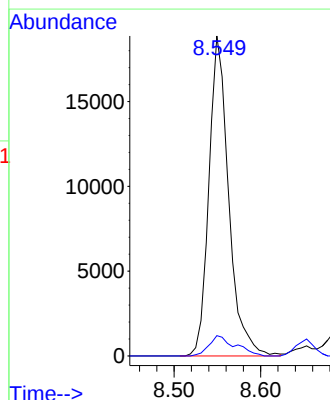
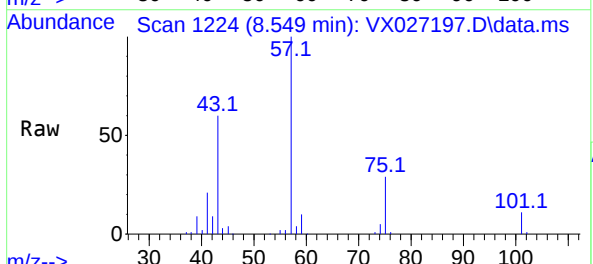
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#02

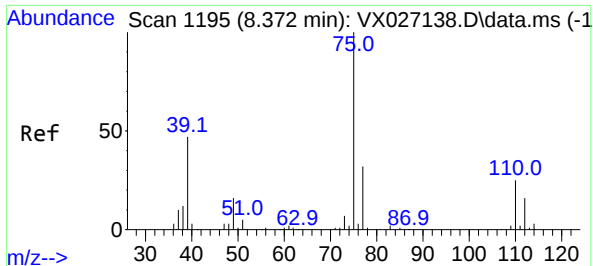
Tgt Ion: 98 Resp: 185934
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 18.996 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Tgt Ion: 43 Resp: 29950
Ion Ratio Lower Upper
43 100
58 8.4 30.5 45.7#

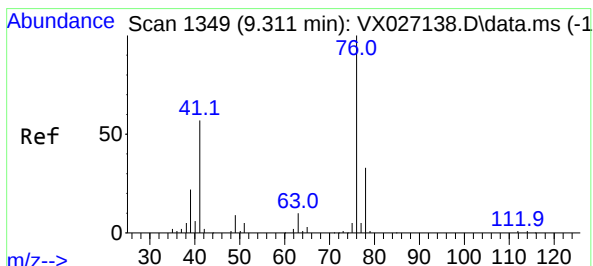
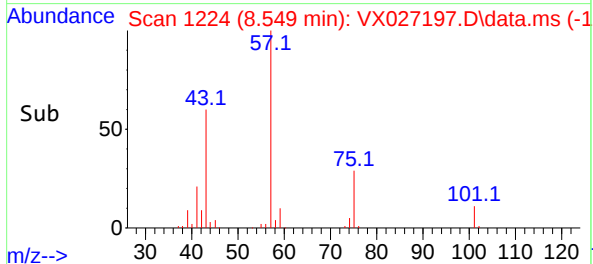
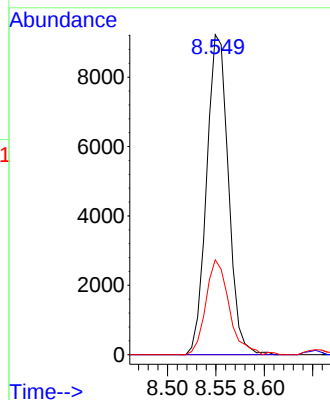
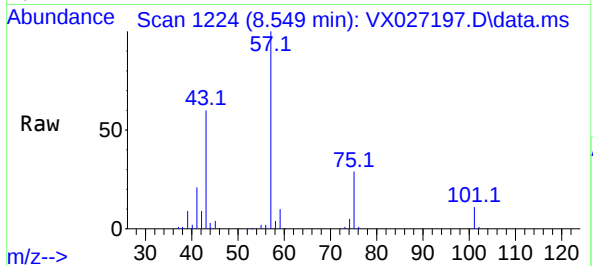




#54
 cis-1,3-Dichloropropene
 Concen: 8.992 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX027197.D
 Acq: 25 Feb 2022 18:27

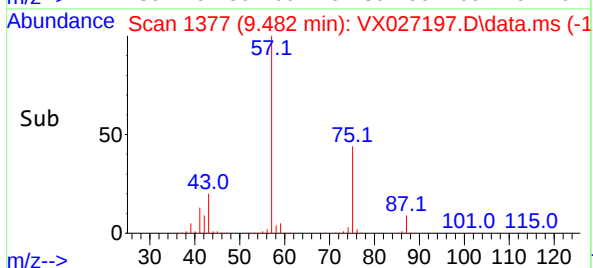
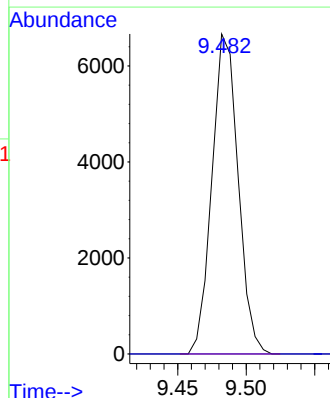
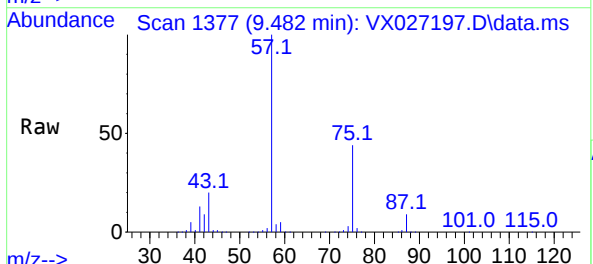
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#02

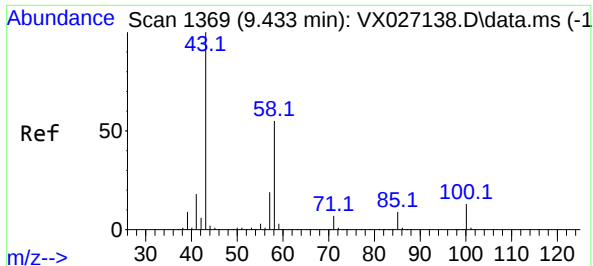
Tgt Ion: 75 Resp: 14441
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 29.7 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.992 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX027197.D
 Acq: 25 Feb 2022 18:27

Tgt Ion: 76 Resp: 8845
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 99.234 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX027197.D

Acq: 25 Feb 2022 18:27

Instrument :

MSVOA_X

ClientSampleId :

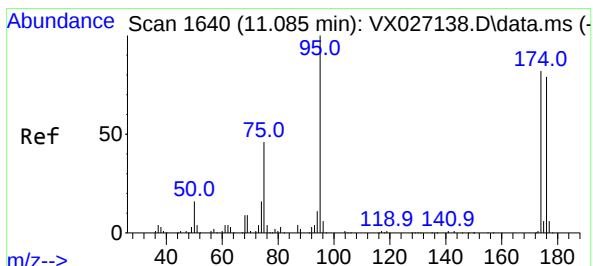
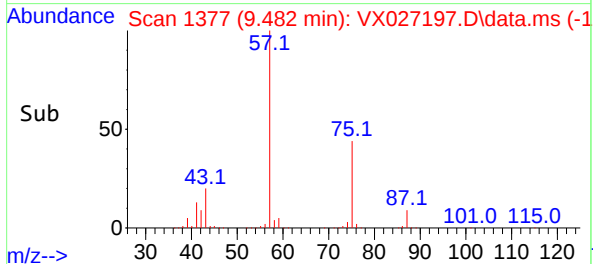
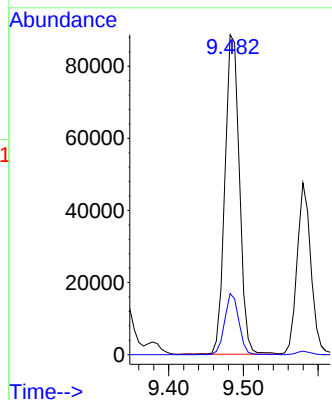
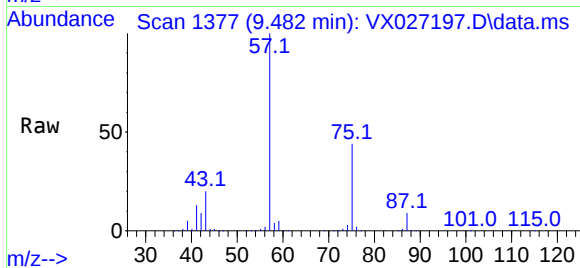
PB142919ZHE#02

Tgt Ion: 43 Resp: 119582

Ion Ratio Lower Upper

43 100

58 18.7 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 48.349 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027197.D

Acq: 25 Feb 2022 18:27

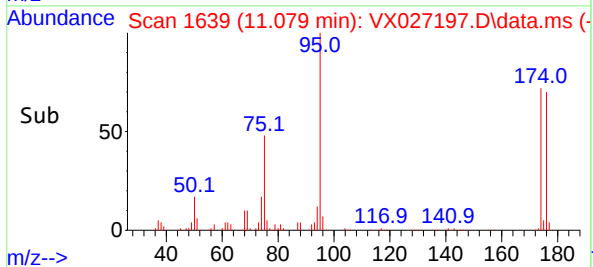
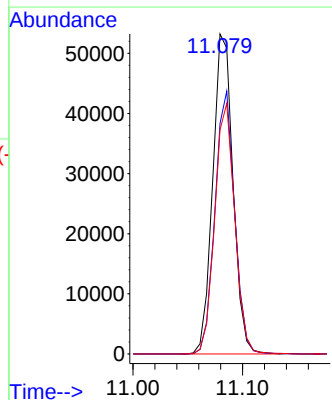
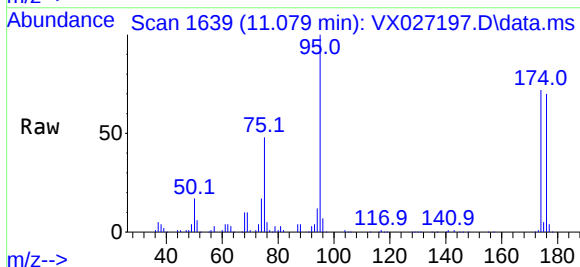
Tgt Ion: 95 Resp: 68290

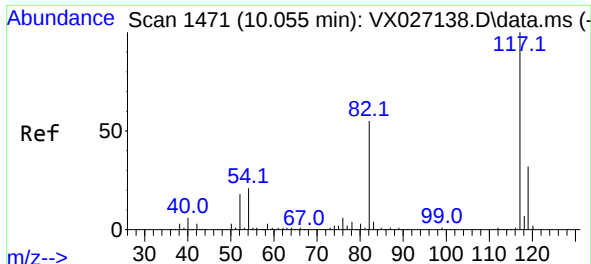
Ion Ratio Lower Upper

95 100

174 79.8 0.0 148.6

176 77.4 0.0 141.4

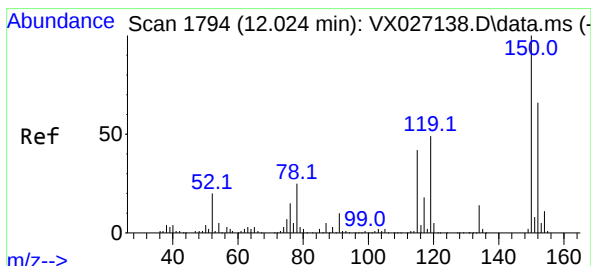
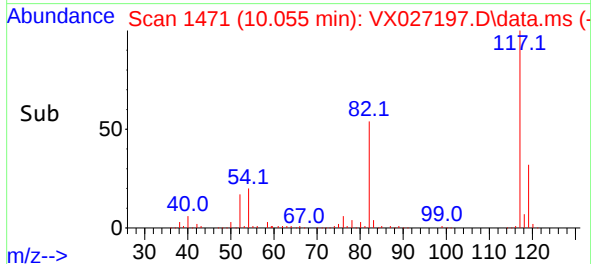
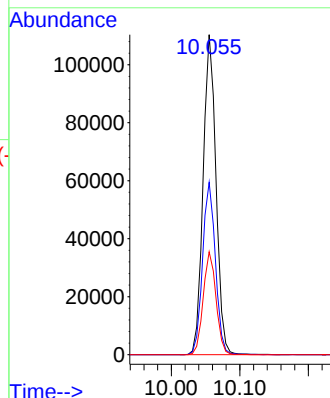
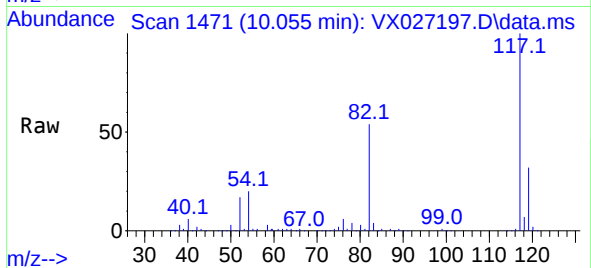




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

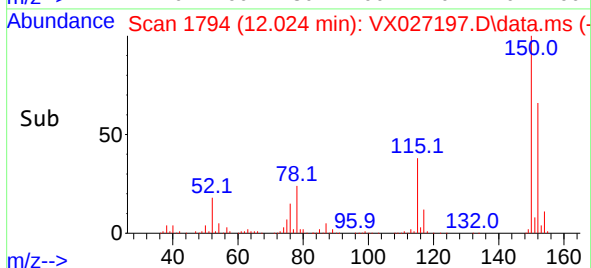
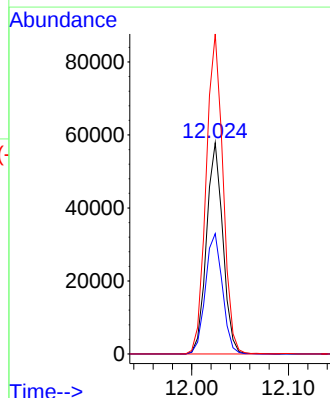
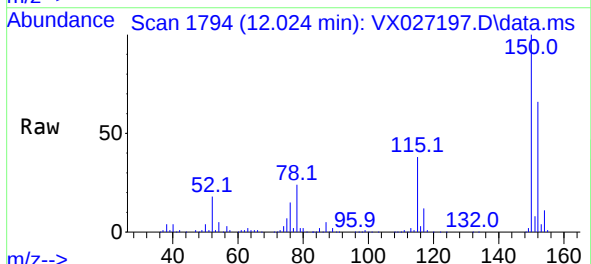
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#02

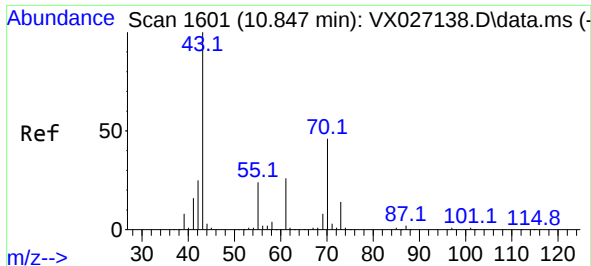
Tgt Ion:117 Resp: 144499
Ion Ratio Lower Upper
117 100
82 53.9 45.2 67.8
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Tgt Ion:152 Resp: 68235
Ion Ratio Lower Upper
152 100
115 59.2 44.2 132.6
150 155.8 0.0 348.2

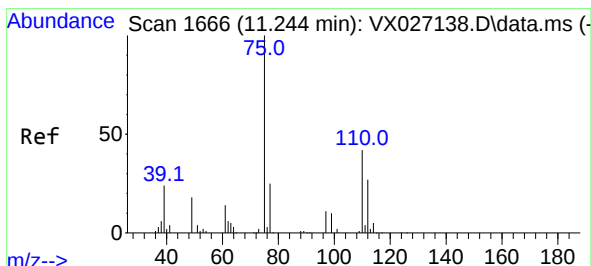
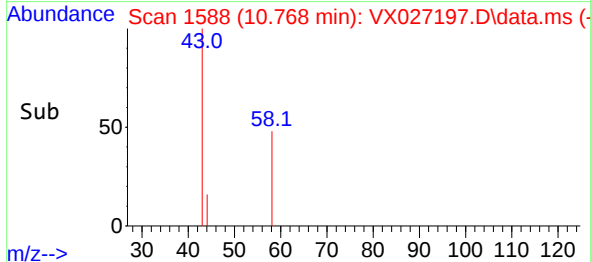
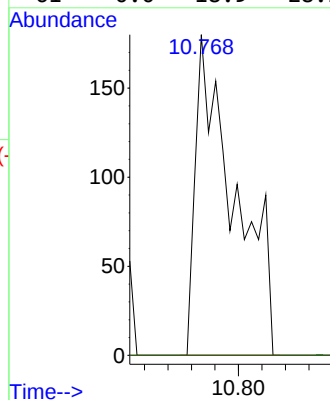
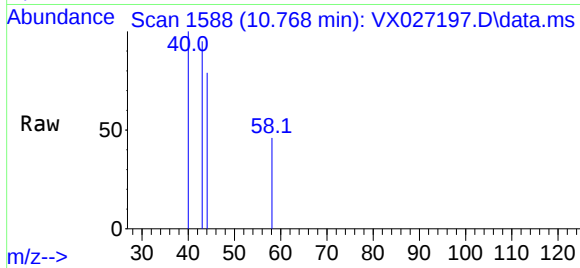




#74
N-amy1 acetate
Concen: 0.222 ug/l
RT: 10.768 min Scan# 11
Delta R.T. -0.079 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

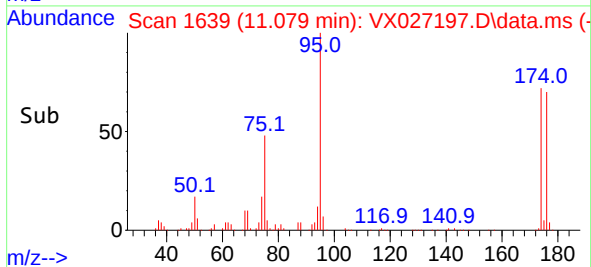
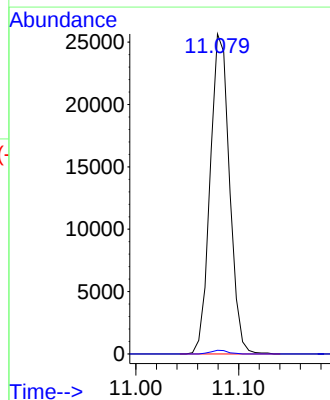
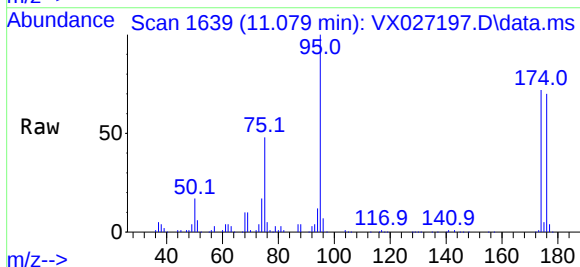
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#02

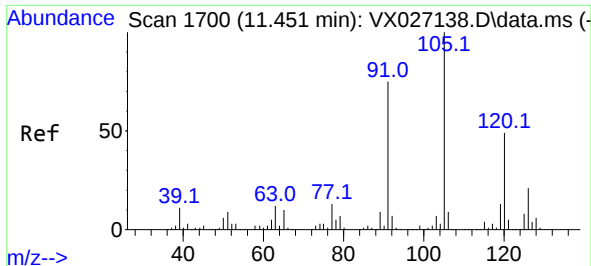
Tgt Ion: 43	Resp:	413	
Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.9	49.3#
55	0.0	18.3	27.5#
61	0.0	18.9	28.3#



#76
1,2,3-Trichloropropane
Concen: 24.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Tgt Ion: 75	Resp:	33526	
Ion Ratio	Lower	Upper	
75 100			
77 1.0	18.3	54.8#	

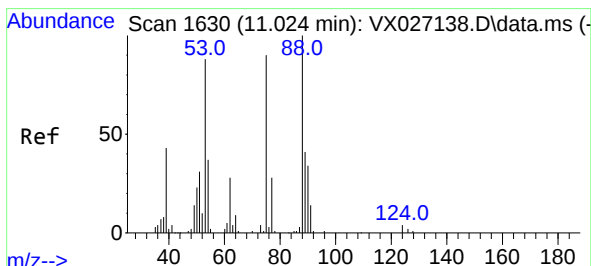
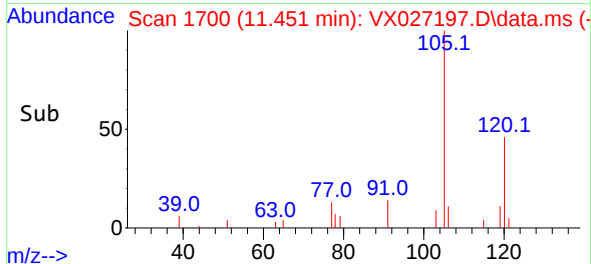
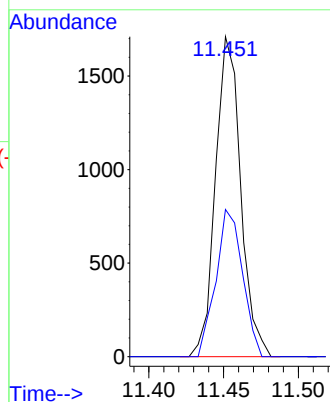
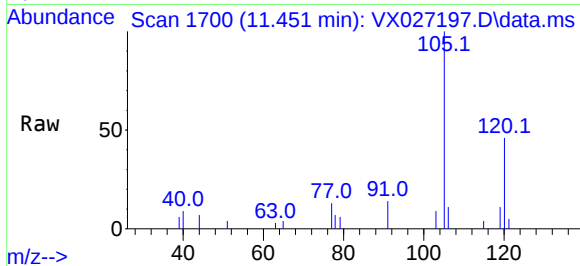




#80
1,3,5-Trimethylbenzene
Concen: 0.488 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#02

Tgt Ion:105 Resp: 2003
Ion Ratio Lower Upper
105 100
120 48.6 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 69.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027197.D
Acq: 25 Feb 2022 18:27

Tgt Ion: 75 Resp: 33526
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

