

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032437.D
 Acq On : 27 Oct 2022 18:36
 Operator : JC/MD
 Sample : N5329-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CBH-594

Quant Time: Oct 28 07:14:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

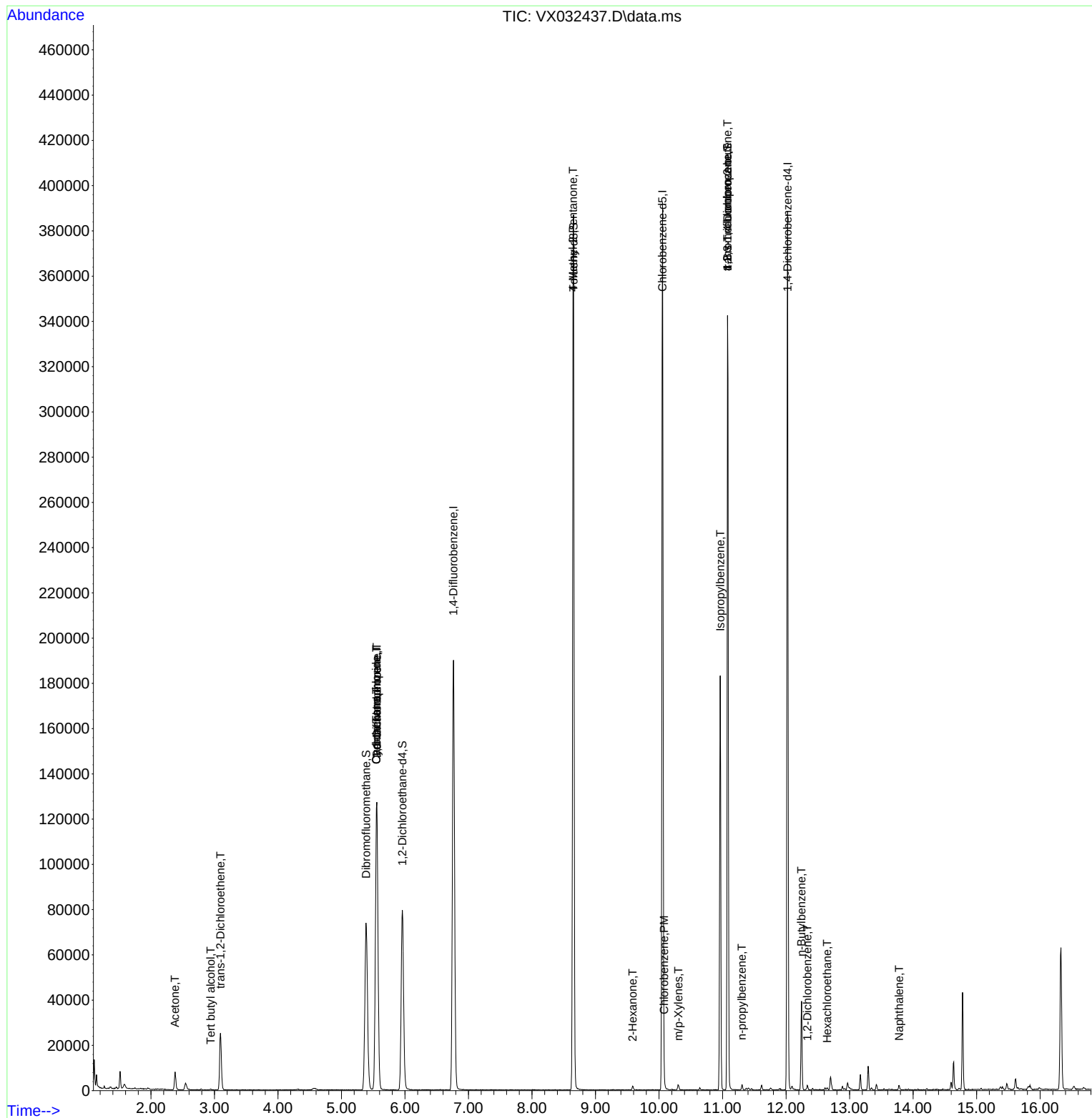
Internal Standards						
1) Pentafluorobenzene	5.556	168	118908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79376	48.043	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.080%
35) Dibromofluoromethane	5.385	113	62701	45.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.020%
50) Toluene-d8	8.653	98	230323	48.075	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.140%
62) 4-Bromofluorobenzene	11.079	95	86349	46.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	178	0.740	ug/l #	72
16) Acetone	2.380	43	8355	13.913	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	10407	8.018	ug/l	95
31) Cyclohexane	5.550	56	2601	1.298	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	9190	4.790	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12302	5.781	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	872	0.451	ug/l #	1
59) 2-Hexanone	9.586	43	1246	0.869	ug/l #	25
65) Chlorobenzene	10.079	112	1494	0.397	ug/l	95
68) m/p-Xylenes	10.305	106	611	0.234	ug/l	97
73) Isopropylbenzene	10.963	105	91226	14.850	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	46912	27.200	ug/l #	37
78) n-propylbenzene	11.305	91	1634	0.231	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	46912	86.553	ug/l #	6
89) n-Butylbenzene	12.244	91	2583	0.555	ug/l #	41
90) Hexachloroethane	12.646	117	586	0.670	ug/l #	12
91) 1,2-Dichlorobenzene	12.335	146	772	0.276	ug/l	91
95) Naphthalene	13.780	128	1570	0.258	ug/l	96

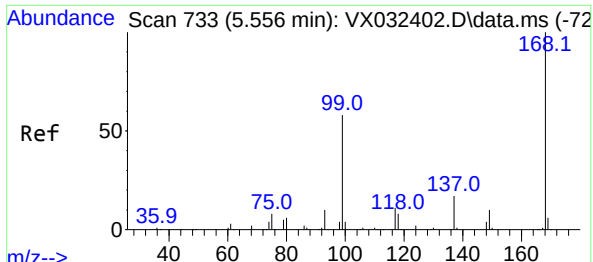
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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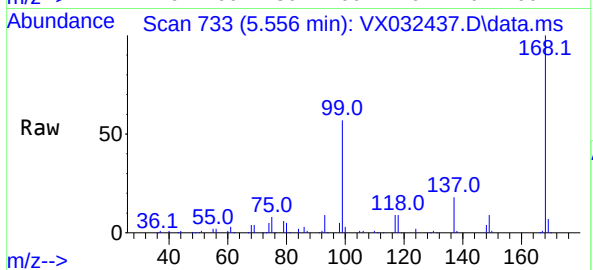
Quant Time: Oct 28 07:14:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



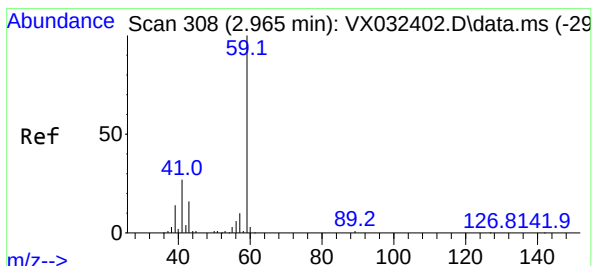
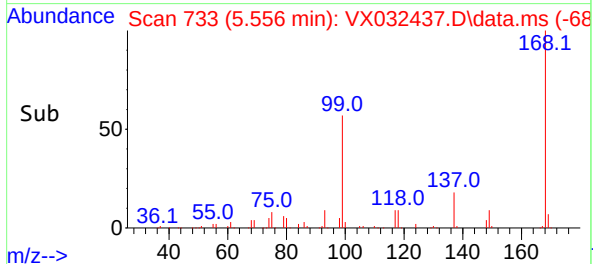
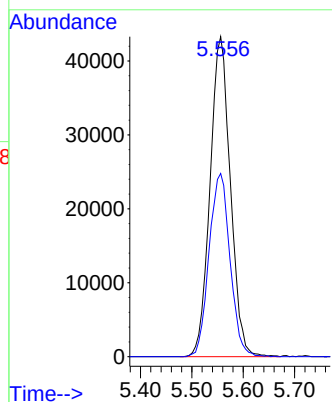


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Instrument :
MSVOA_X
ClientSampleId :
CBH-594

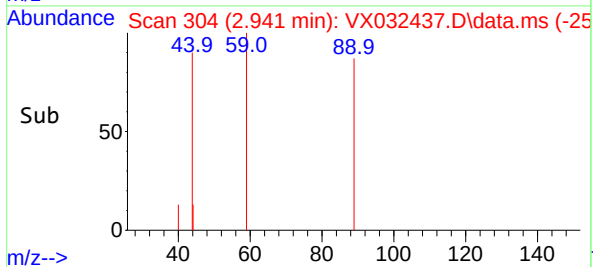
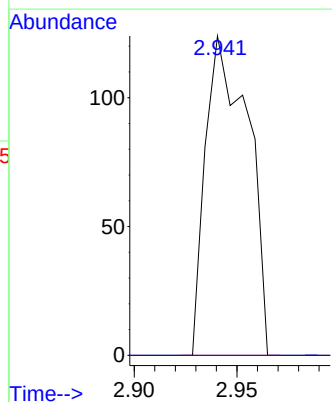
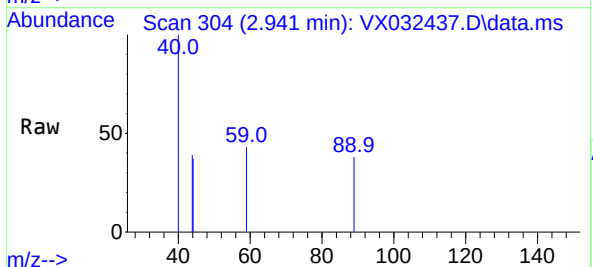


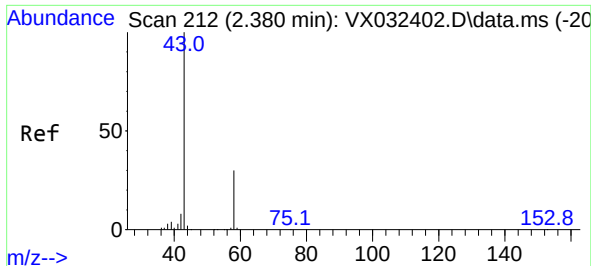
Tgt Ion:168 Resp: 118908
Ion Ratio Lower Upper
168 100
99 57.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.740 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

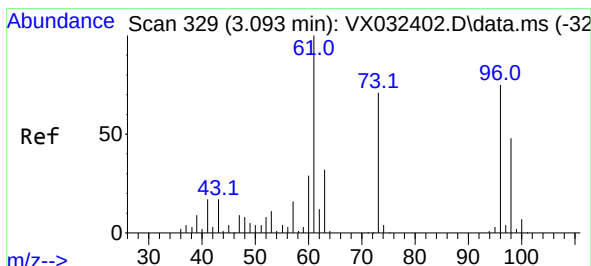
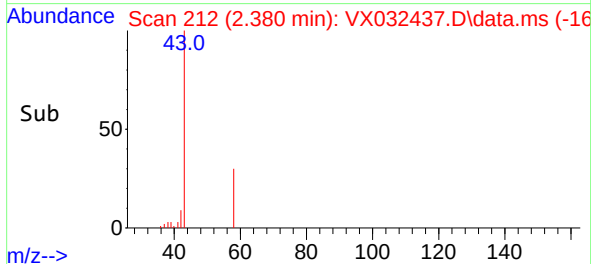
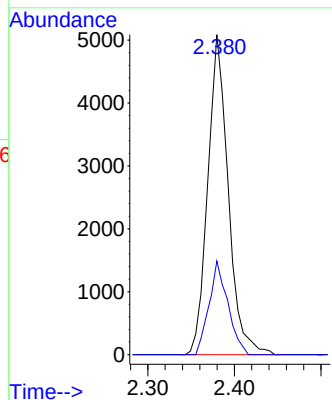
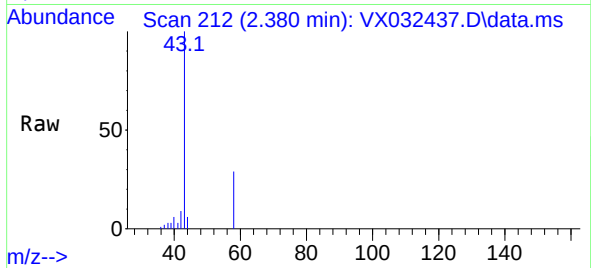




#16
Acetone
Concen: 13.913 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

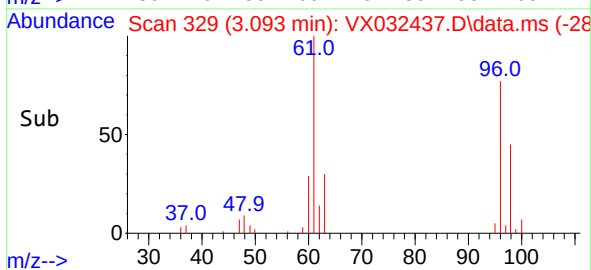
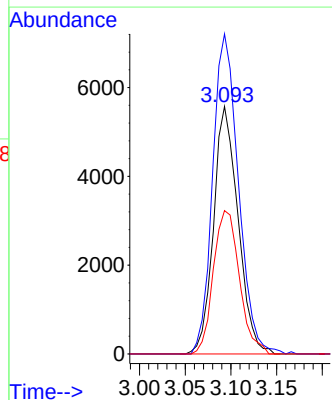
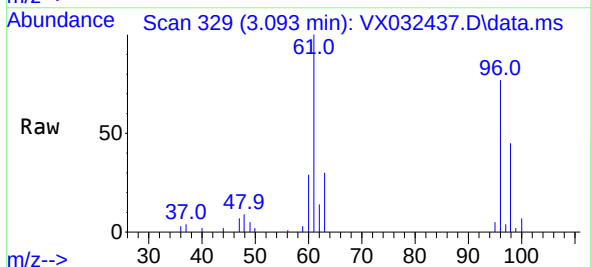
Instrument :
MSVOA_X
ClientSampleId :
CBH-594

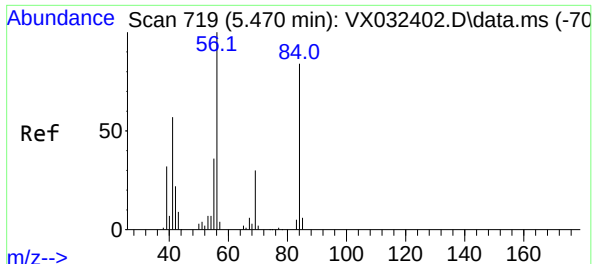
Tgt Ion: 43 Resp: 8355
Ion Ratio Lower Upper
43 100
58 29.3 23.8 35.8



#21
trans-1,2-Dichloroethene
Concen: 8.018 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Tgt Ion: 96 Resp: 10407
Ion Ratio Lower Upper
96 100
61 129.3 106.6 160.0
98 57.9 51.0 76.6

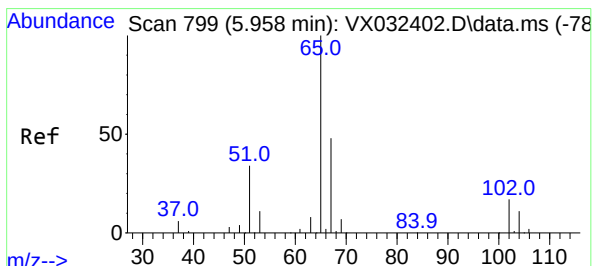
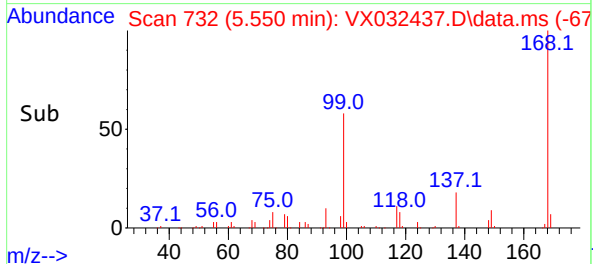
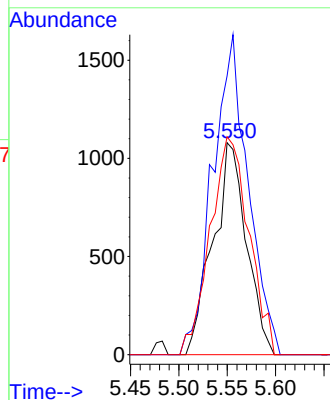
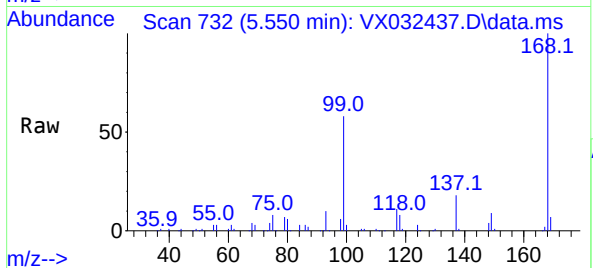




#31
Cyclohexane
Concen: 1.298 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

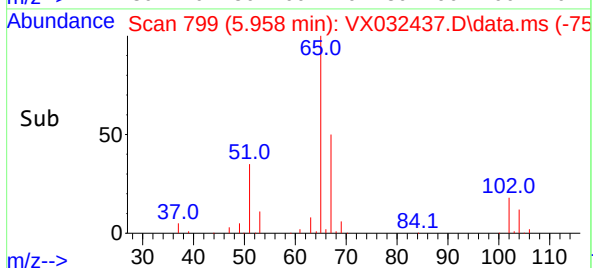
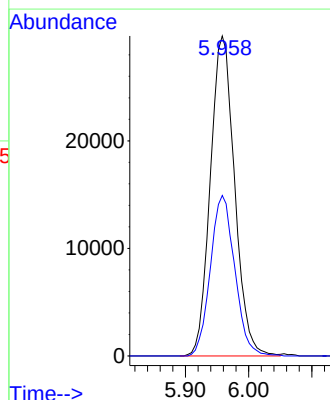
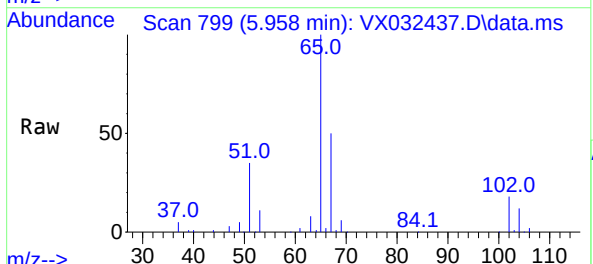
Instrument :
MSVOA_X
ClientSampleId :
CBH-594

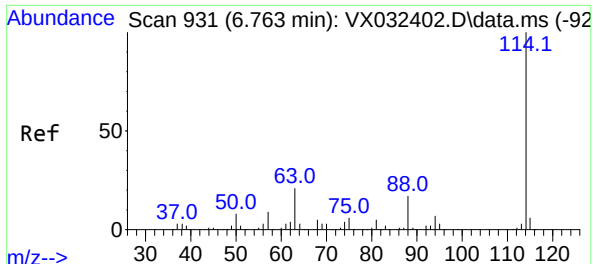
Tgt Ion: 56 Resp: 2601
Ion Ratio Lower Upper
56 100
69 131.5 24.1 36.1#
84 102.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.043 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Tgt Ion: 65 Resp: 79376
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

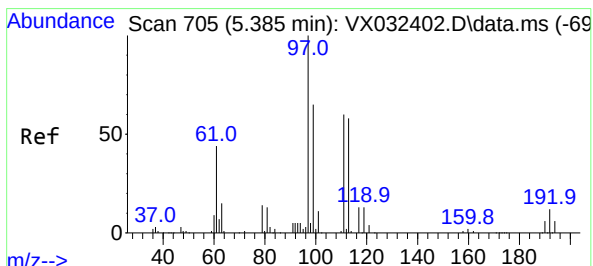
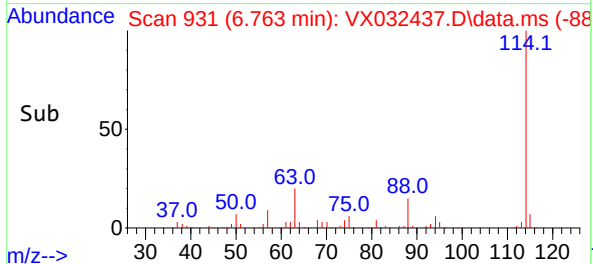
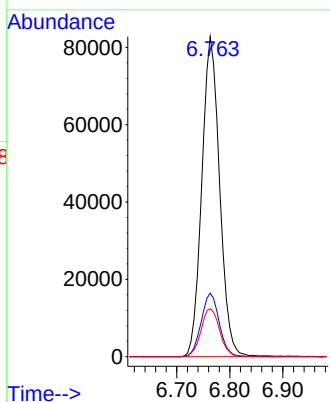
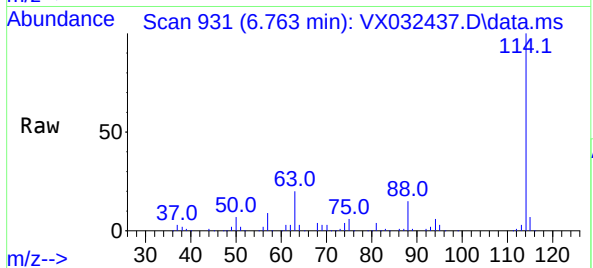




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

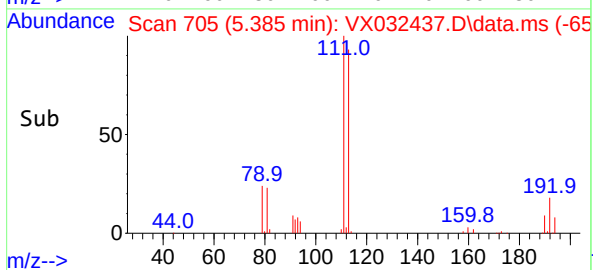
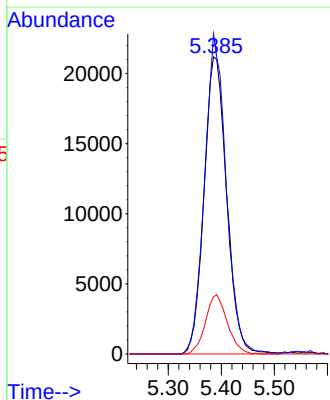
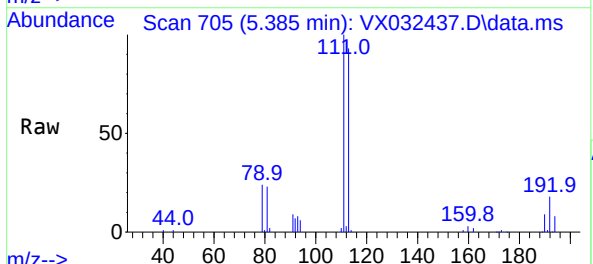
Instrument :
MSVOA_X
ClientSampleId :
CBH-594

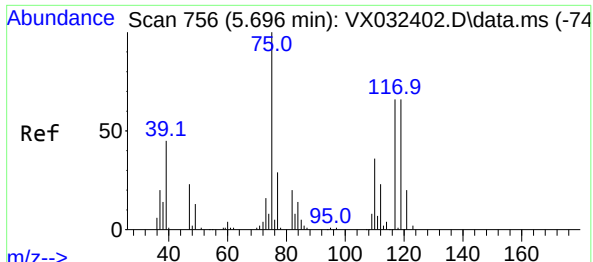
Tgt Ion:114 Resp: 193156
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 15.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.508 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Tgt Ion:113 Resp: 62701
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.3 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.790 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX032437.D

Acq: 27 Oct 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

CBH-594

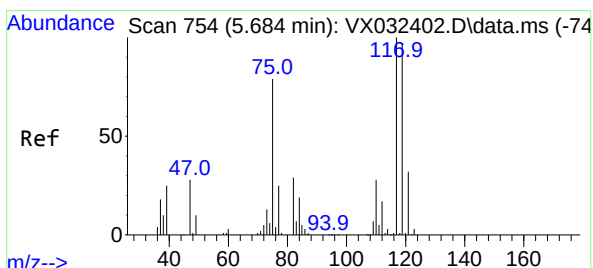
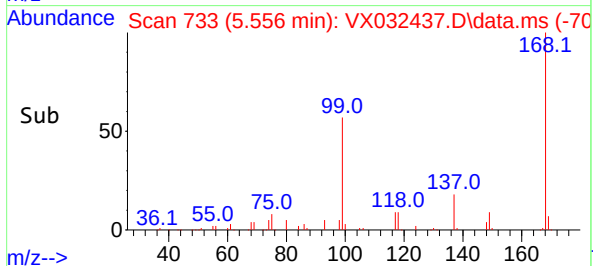
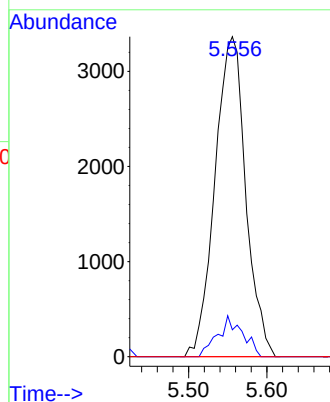
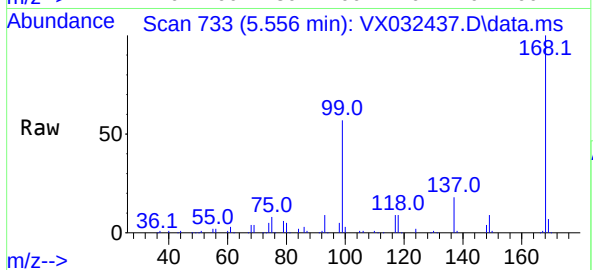
Tgt Ion: 75 Resp: 9190

Ion Ratio Lower Upper

75 100

110 10.3 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.781 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX032437.D

Acq: 27 Oct 2022 18:36

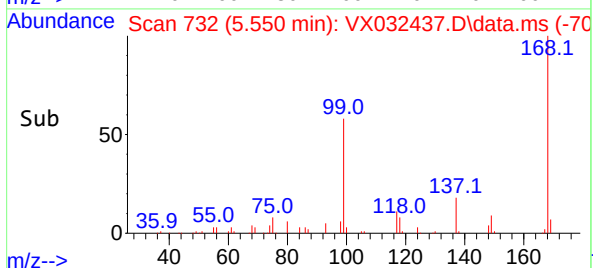
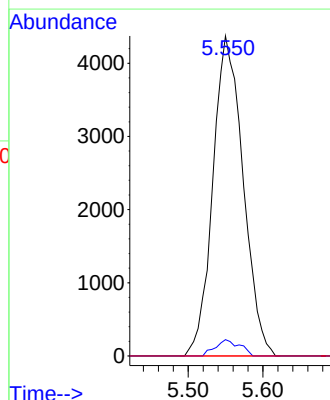
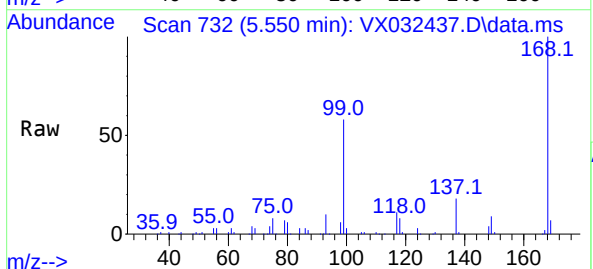
Tgt Ion: 117 Resp: 12302

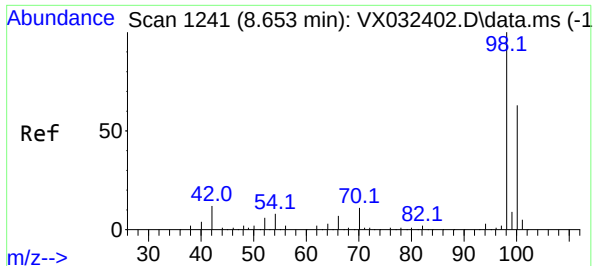
Ion Ratio Lower Upper

117 100

119 5.1 77.2 115.8#

121 0.0 25.8 38.6#

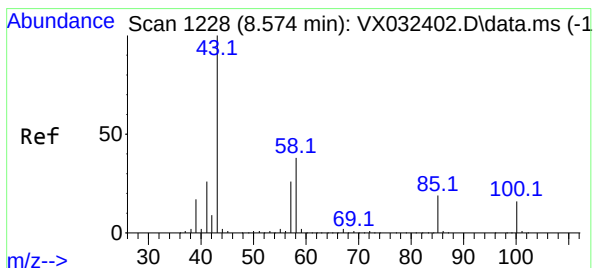
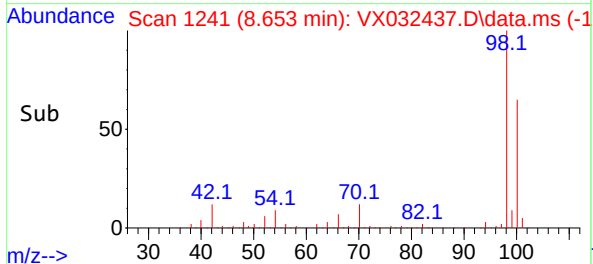
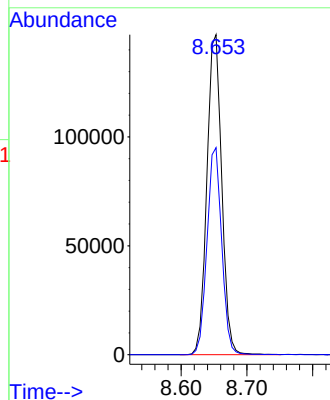
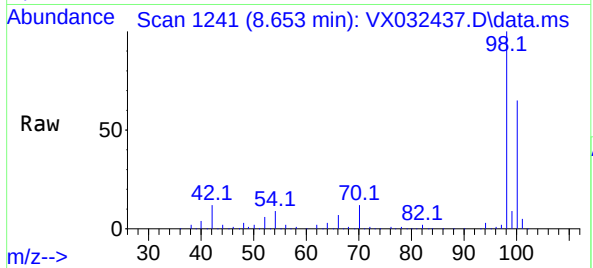




#50
Toluene-d8
Concen: 48.075 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

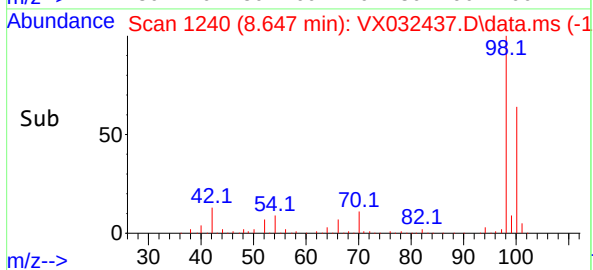
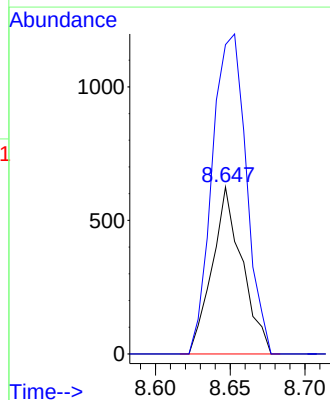
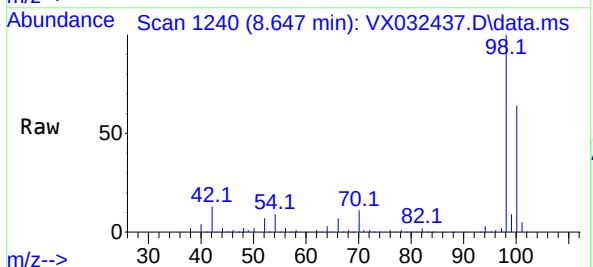
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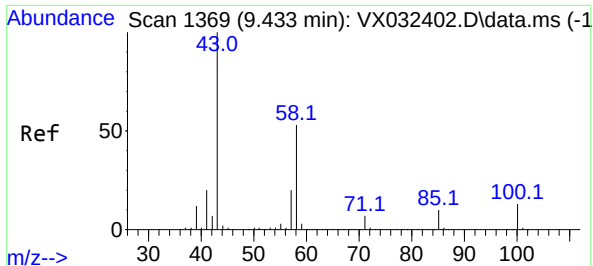
Tgt Ion: 98 Resp: 230323
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.451 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 217.5 30.9 46.3#





#59

2-Hexanone

Concen: 0.869 ug/l

RT: 9.586 min Scan# 1394

Delta R.T. 0.152 min

Lab File: VX032437.D

Acq: 27 Oct 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

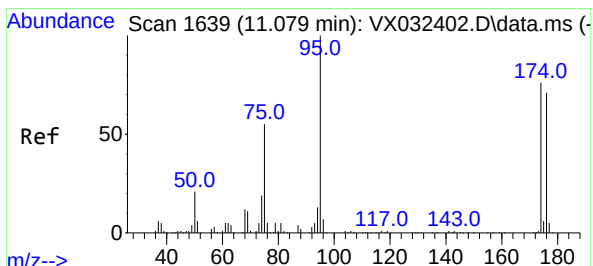
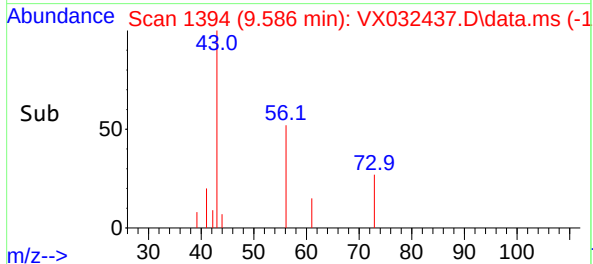
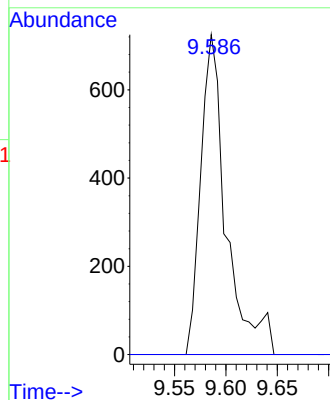
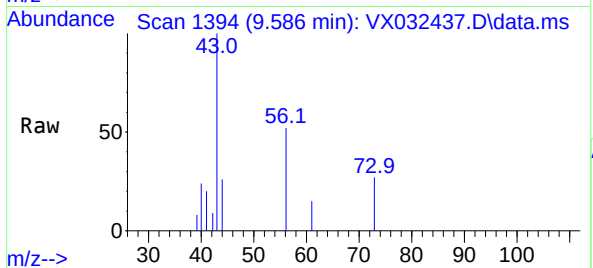
CBH-594

Tgt Ion: 43 Resp: 1246

Ion Ratio Lower Upper

43 100

58 0.0 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 46.140 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032437.D

Acq: 27 Oct 2022 18:36

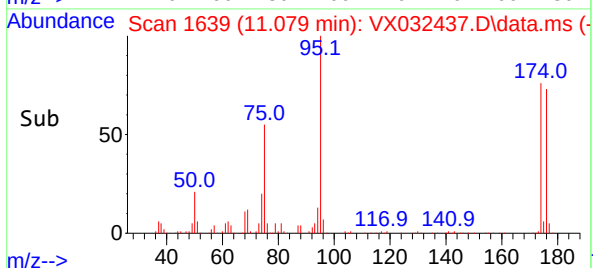
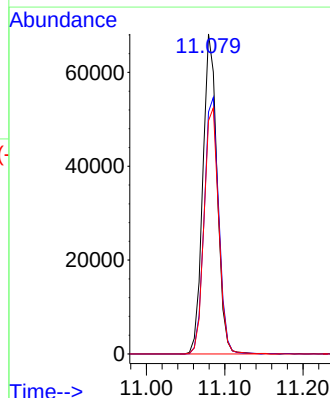
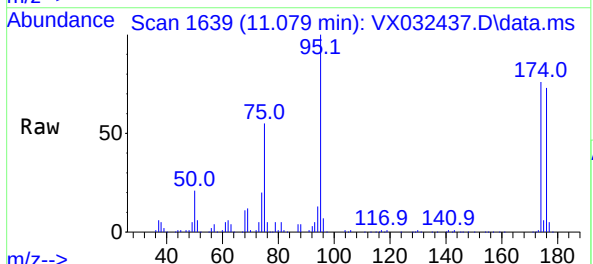
Tgt Ion: 95 Resp: 86349

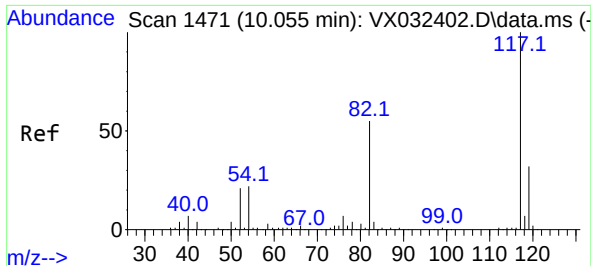
Ion Ratio Lower Upper

95 100

174 81.6 0.0 164.0

176 78.6 0.0 154.4

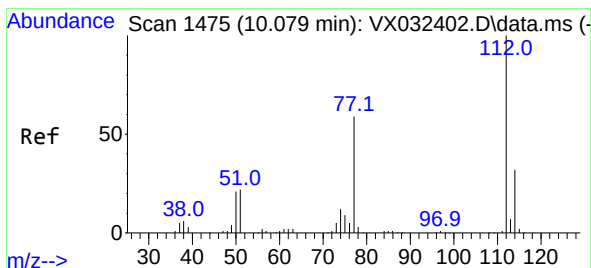
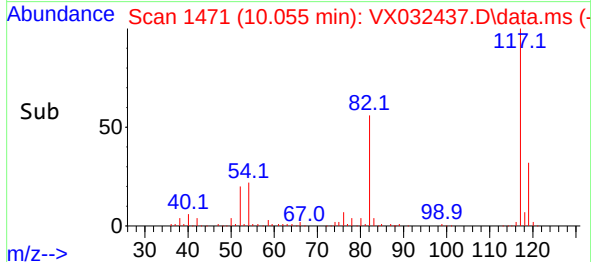
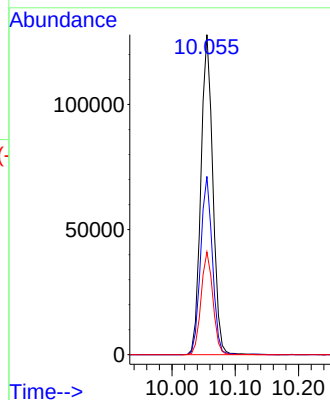
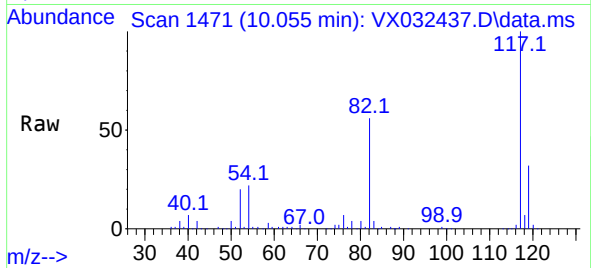




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

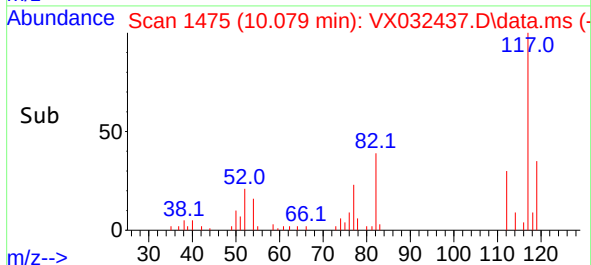
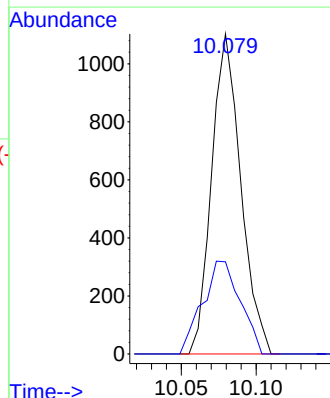
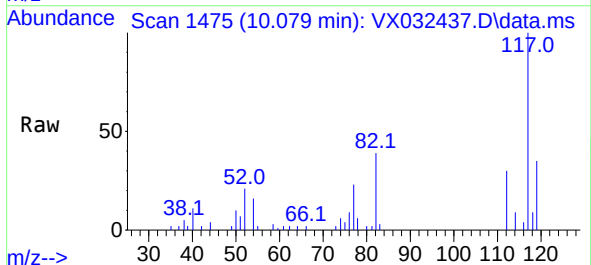
Instrument :
MSVOA_X
ClientSampleId :
CBH-594

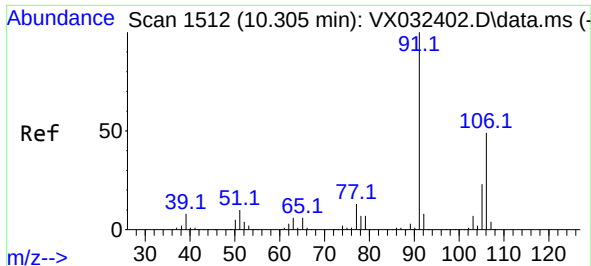
Tgt Ion:117 Resp: 168110
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.1 25.7 38.5



#65
Chlorobenzene
Concen: 0.397 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Tgt Ion:112 Resp: 1494
Ion Ratio Lower Upper
112 100
114 28.8 25.4 38.2

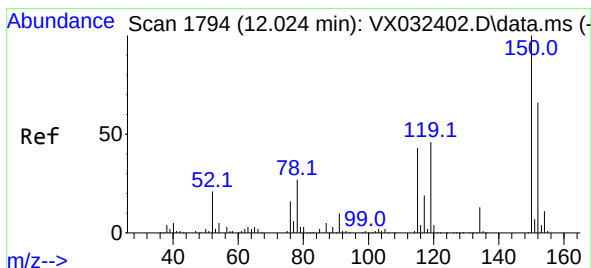
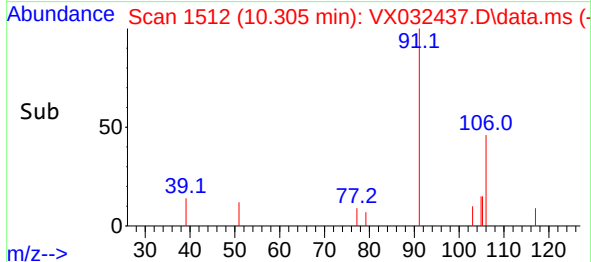
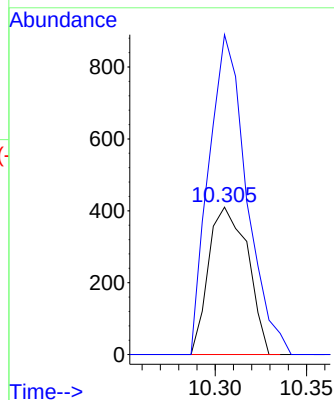
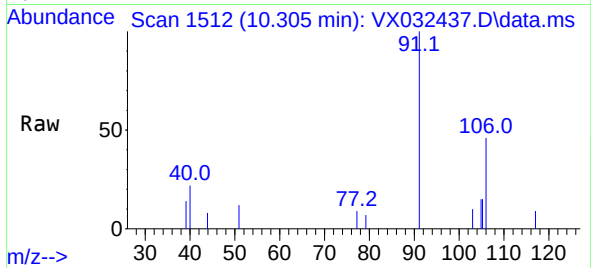




#68
m/p-Xylenes
Concen: 0.234 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

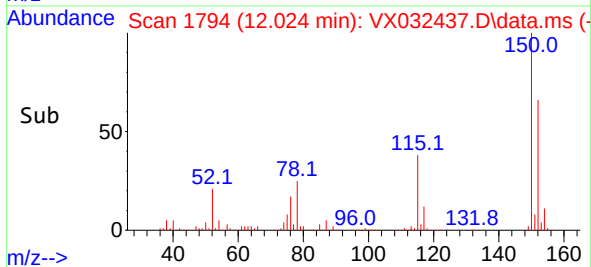
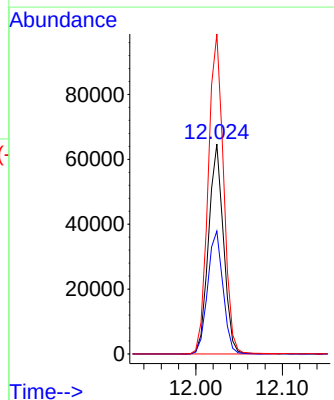
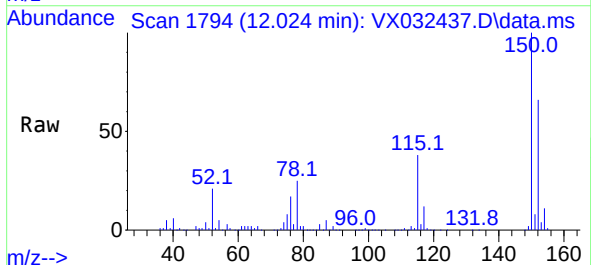
Instrument :
MSVOA_X
ClientSampleId :
CBH-594

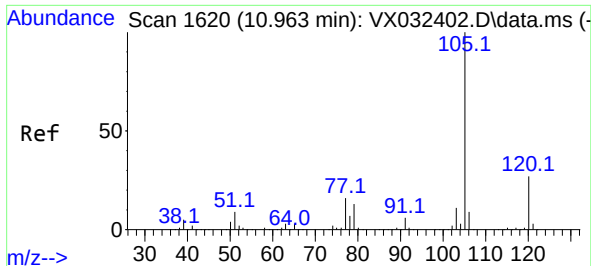
Tgt Ion:106 Resp: 611
Ion Ratio Lower Upper
106 100
91 209.8 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Tgt Ion:152 Resp: 77522
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 156.8 0.0 351.8

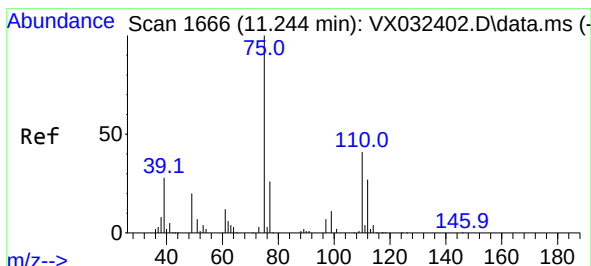
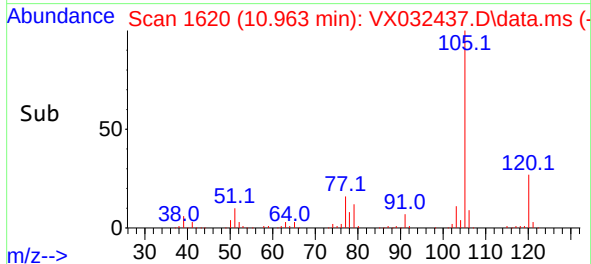
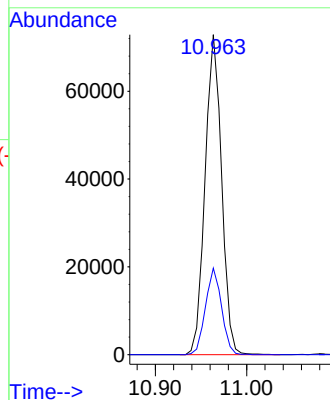
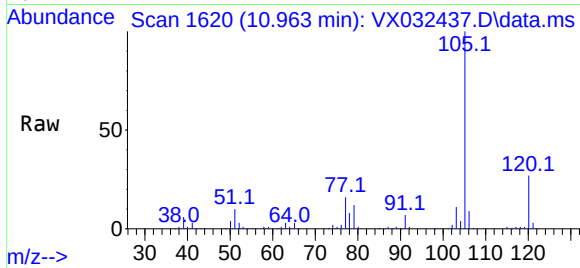




#73
Isopropylbenzene
Concen: 14.850 ug/l
RT: 10.963 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

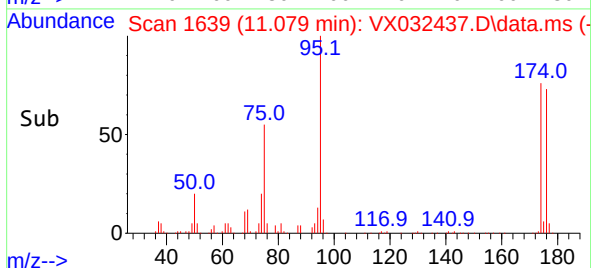
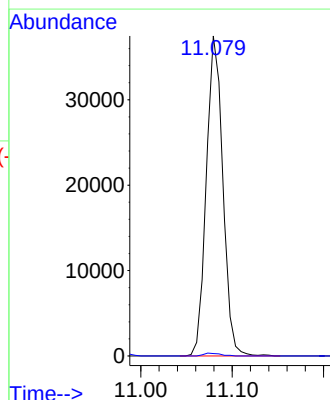
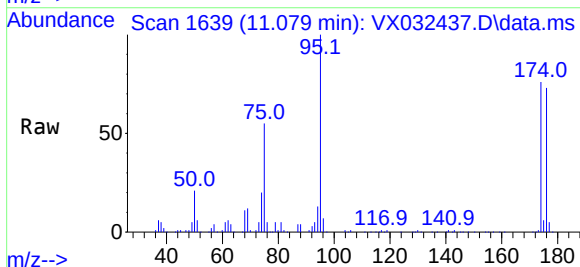
Instrument :
MSVOA_X
ClientSampleId :
CBH-594

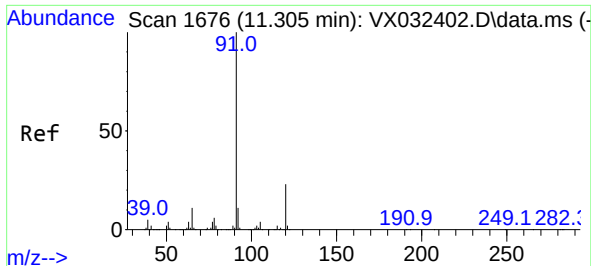
Tgt Ion:105 Resp: 91226
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#76
1,2,3-Trichloropropane
Concen: 27.200 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Tgt Ion: 75 Resp: 46912
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#

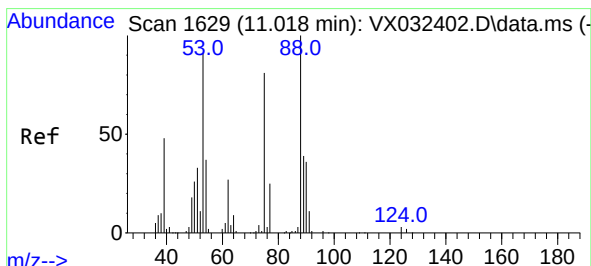
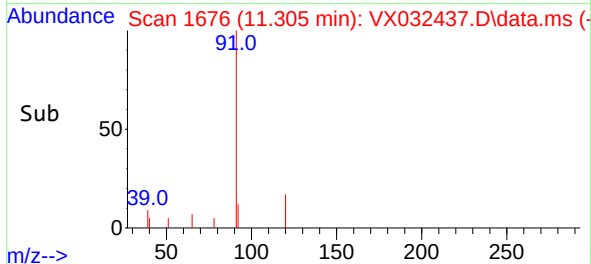
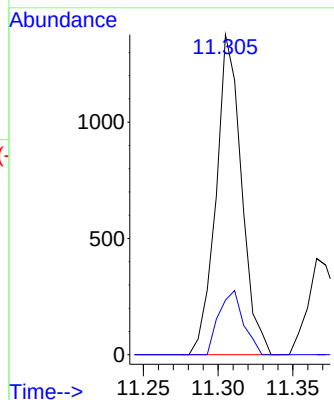
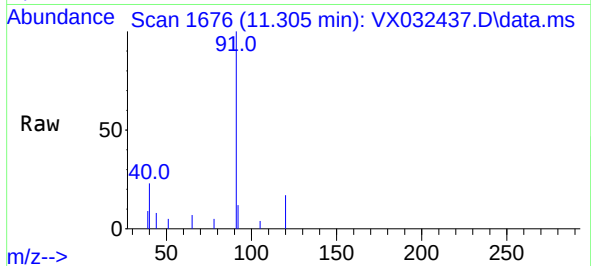




#78
n-propylbenzene
Concen: 0.231 ug/l
RT: 11.305 min Scan# 1634
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

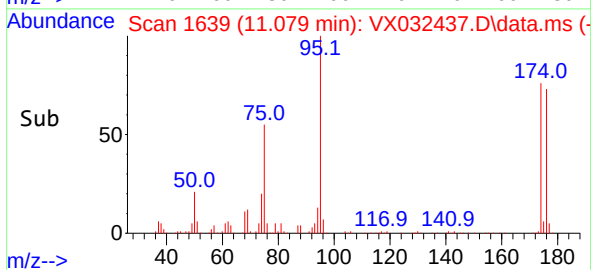
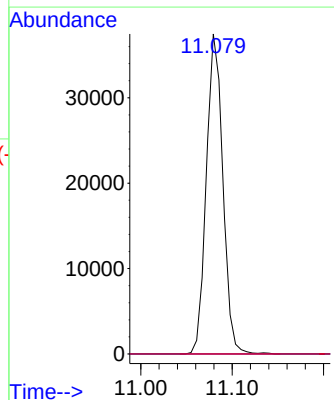
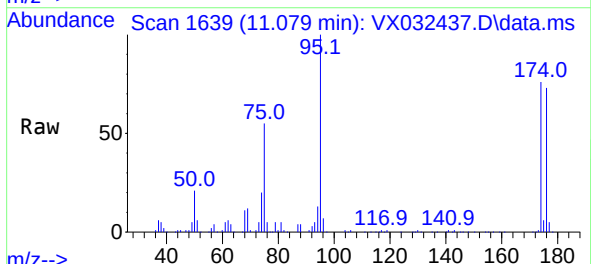
Instrument :
MSVOA_X
ClientSampleId :
CBH-594

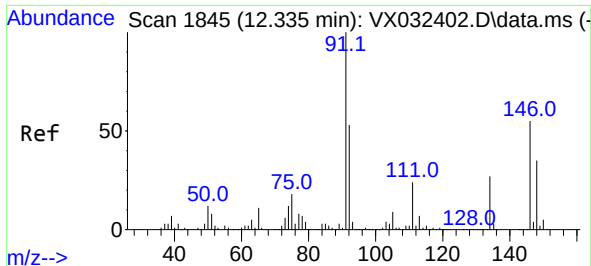
Tgt Ion: 91 Resp: 1634
Ion Ratio Lower Upper
91 100
120 19.2 11.6 34.8



#81
trans-1,4-Dichloro-2-butene
Concen: 86.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Tgt Ion: 75 Resp: 46912
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#89

n-Butylbenzene

Concen: 0.555 ug/l

RT: 12.244 min Scan# 1830

Delta R.T. -0.091 min

Lab File: VX032437.D

Acq: 27 Oct 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

CBH-594

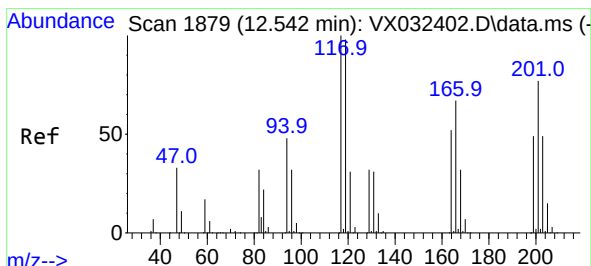
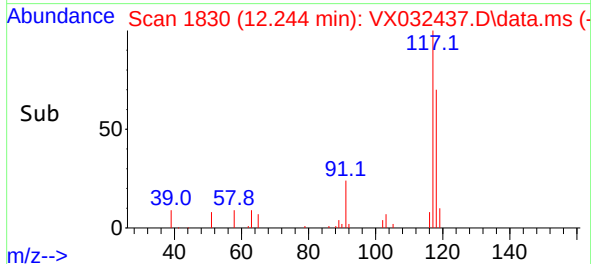
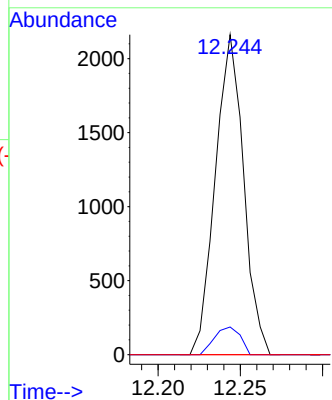
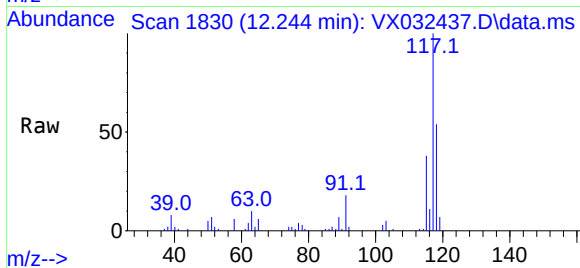
Tgt Ion: 91 Resp: 2583

Ion Ratio Lower Upper

91 100

92 7.9 26.2 78.6#

134 0.0 12.9 38.6#



#90

Hexachloroethane

Concen: 0.670 ug/l

RT: 12.646 min Scan# 1896

Delta R.T. 0.104 min

Lab File: VX032437.D

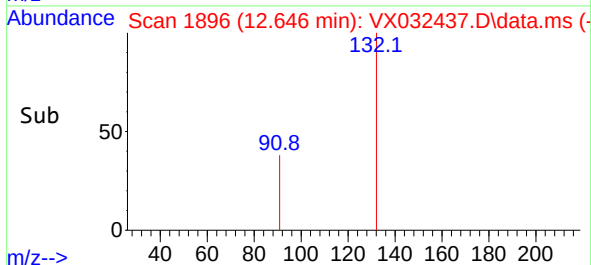
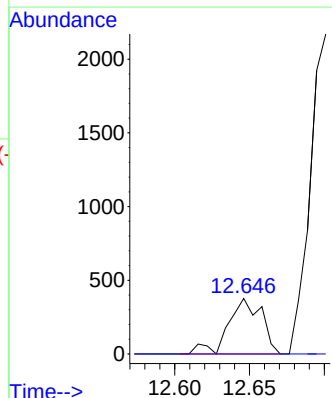
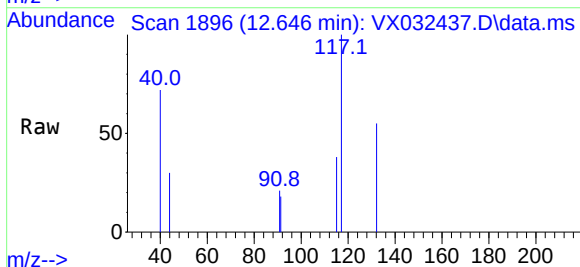
Acq: 27 Oct 2022 18:36

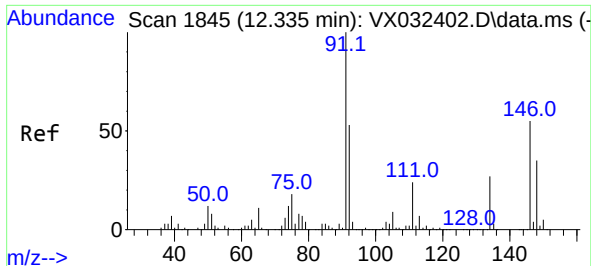
Tgt Ion: 117 Resp: 586

Ion Ratio Lower Upper

117 100

201 0.0 37.6 112.9#



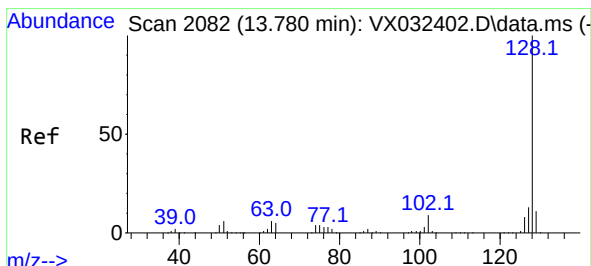
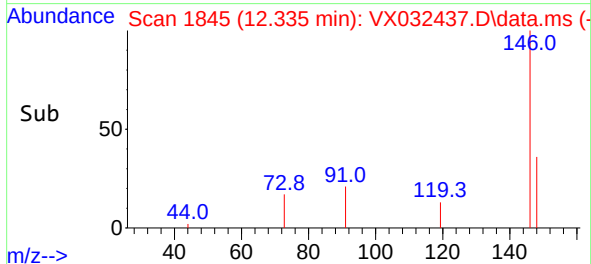
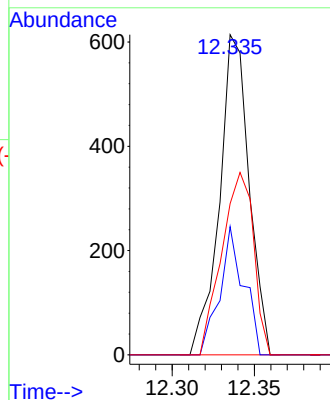
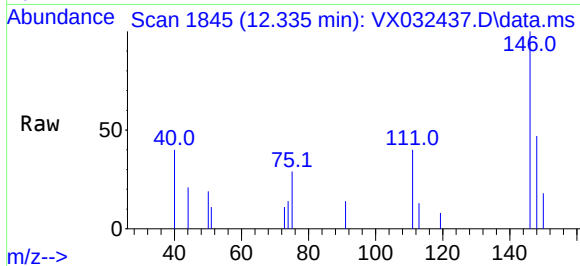


#91
1,2-Dichlorobenzene
Concen: 0.276 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Instrument :
MSVOA_X
ClientSampleId :
CBH-594

Tgt Ion:146 Resp: 772

Ion	Ratio	Lower	Upper
146	100		
111	32.4	21.5	64.5
148	61.1	32.0	96.2



#95
Naphthalene
Concen: 0.258 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032437.D
Acq: 27 Oct 2022 18:36

Tgt Ion:128 Resp: 1570

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	13.1	8.9	13.3

