

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028130.D
 Acq On : 15 Apr 2022 14:03
 Operator : JC/MD
 Sample : N2431-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-15-1-1-GR

Quant Time: Apr 16 02:24:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

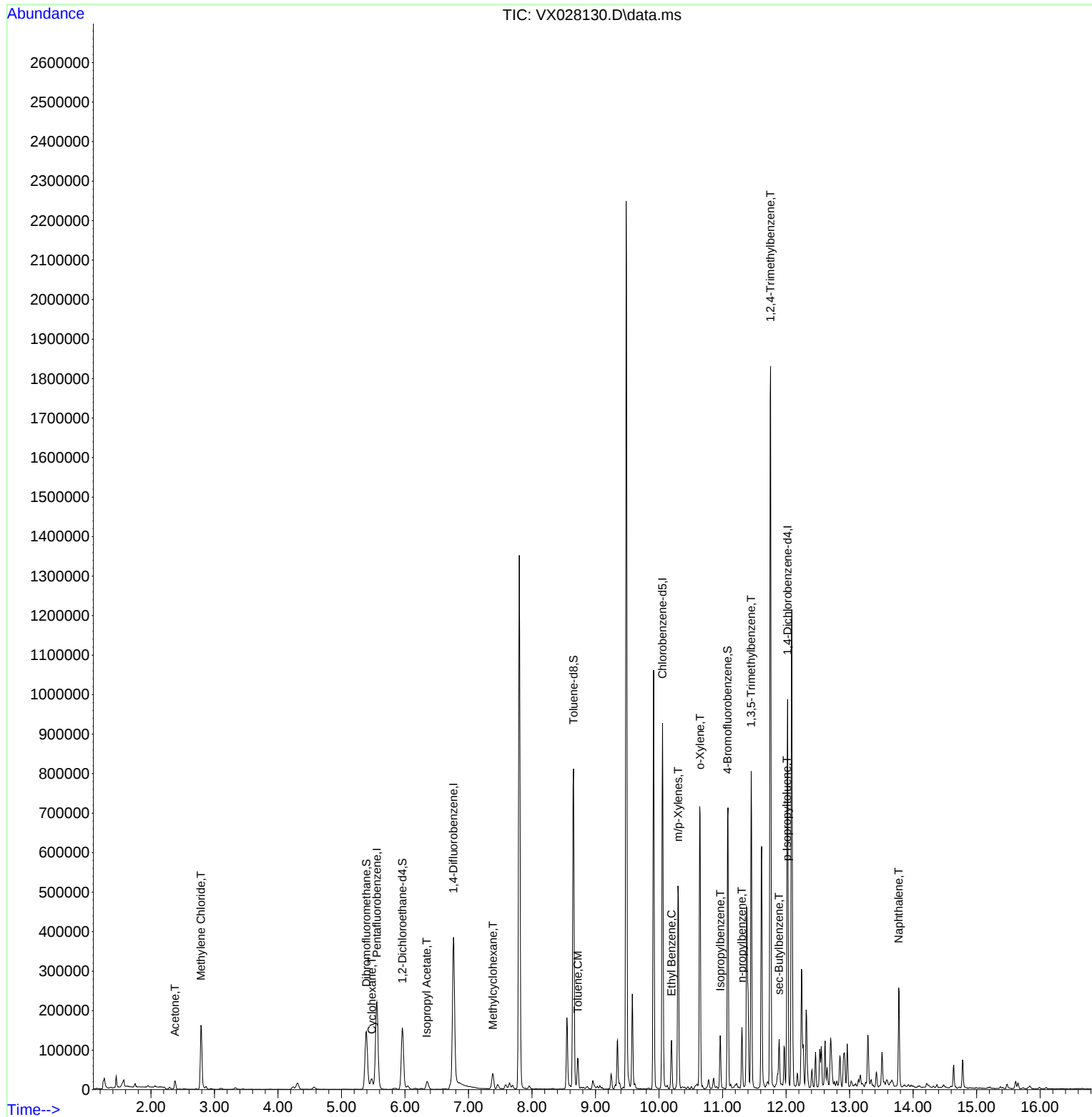
Internal Standards						
1) Pentafluorobenzene	5.556	168	217840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	374017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142042	48.062	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.120%
35) Dibromofluoromethane	5.391	113	121355	49.516	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.040%
50) Toluene-d8	8.653	98	476390	52.119	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.240%
62) 4-Bromofluorobenzene	11.079	95	165978	48.633	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.260%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	22846	18.554	ug/l	93
20) Methylene Chloride	2.788	84	72302	29.480	ug/l	93
31) Cyclohexane	5.476	56	16866	4.150	ug/l	89
39) Methylcyclohexane	7.385	83	17121	3.872	ug/l	97
43) Isopropyl Acetate	6.342	43	20385	2.808	ug/l #	91
52) Toluene	8.720	92	29095	4.009	ug/l	99
67) Ethyl Benzene	10.195	91	69398	4.618	ug/l	98
68) m/p-Xylenes	10.299	106	114407	18.233	ug/l	99
69) o-Xylene	10.646	106	152170	24.948	ug/l	99
73) Isopropylbenzene	10.963	105	67066	5.077	ug/l	100
78) n-propylbenzene	11.305	91	90632	5.903	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	325849	28.553	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	787234	70.460	ug/l	98
85) sec-Butylbenzene	11.890	105	33427	2.372	ug/l	80
86) p-Isopropyltoluene	12.012	119	30985	2.595	ug/l	96
95) Naphthalene	13.774	128	153340	12.496	ug/l	99

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

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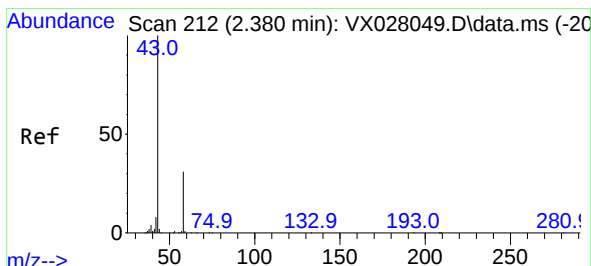
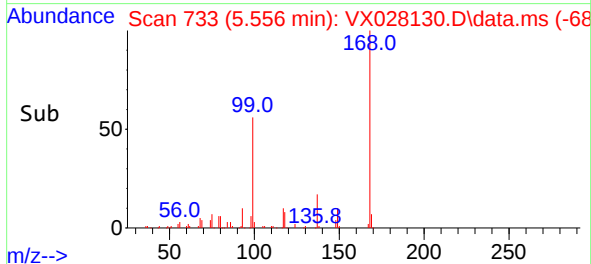
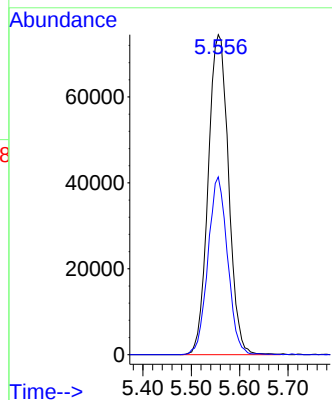
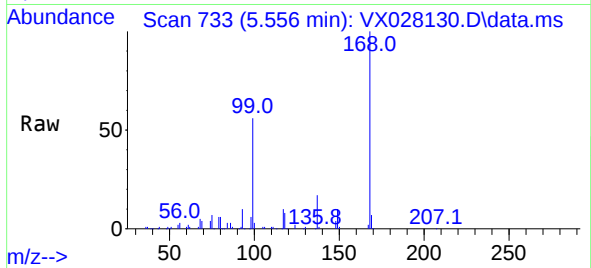




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

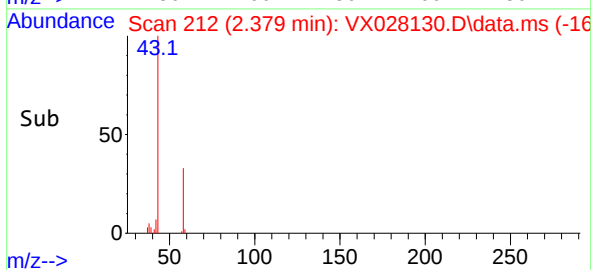
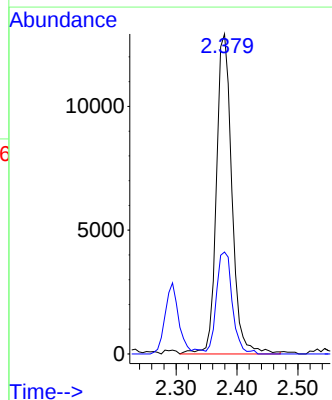
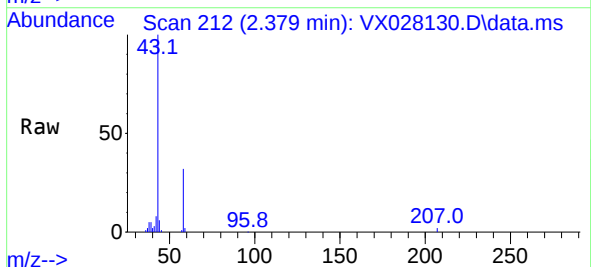
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GR

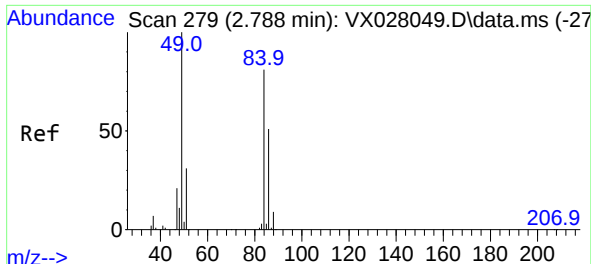
Tgt Ion:168 Resp: 217840
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5



#16
Acetone
Concen: 18.554 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Tgt Ion: 43 Resp: 22846
Ion Ratio Lower Upper
43 100
58 31.8 28.8 43.2



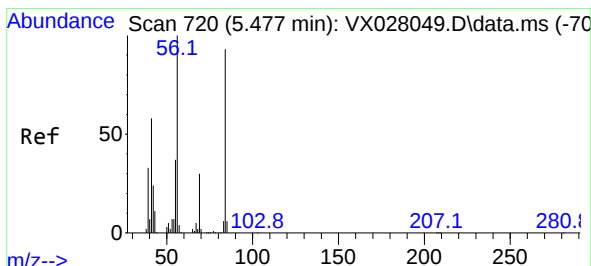
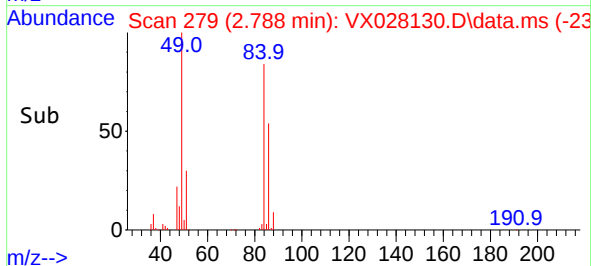
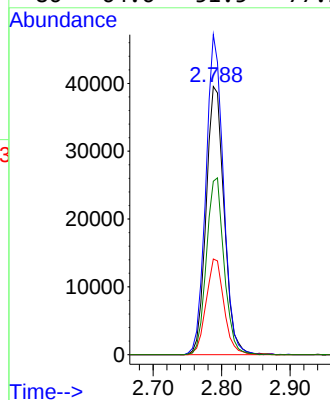
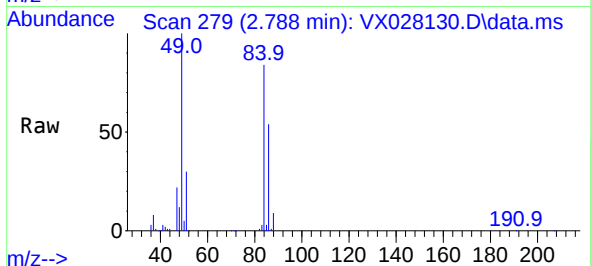


#20
Methylene Chloride
Concen: 29.480 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GR

Tgt Ion: 84 Resp: 72302

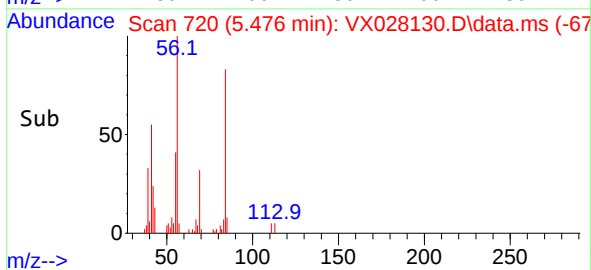
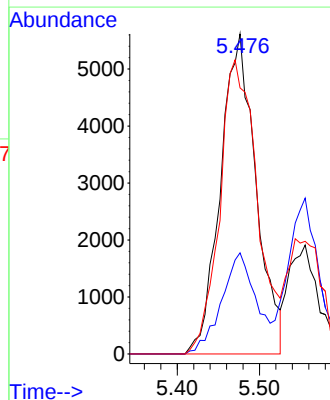
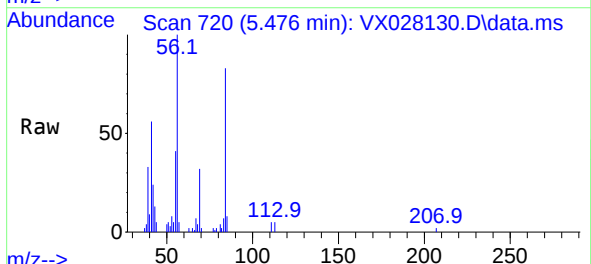
Ion	Ratio	Lower	Upper
84	100		
49	119.3	85.5	128.3
51	35.7	26.6	39.8
86	64.6	51.5	77.3

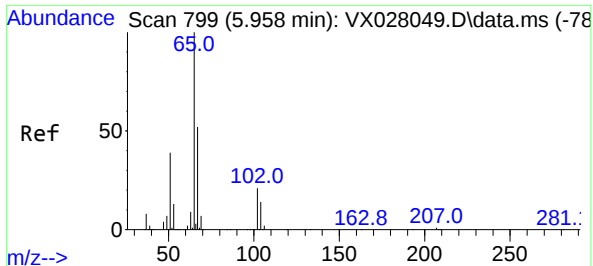


#31
Cyclohexane
Concen: 4.150 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.001 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Tgt Ion: 56 Resp: 16866

Ion	Ratio	Lower	Upper
56	100		
69	31.6	26.7	40.1
84	83.2	77.2	115.8

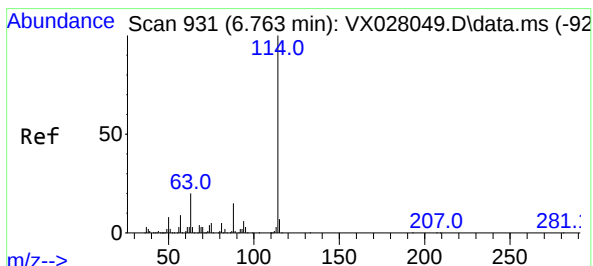
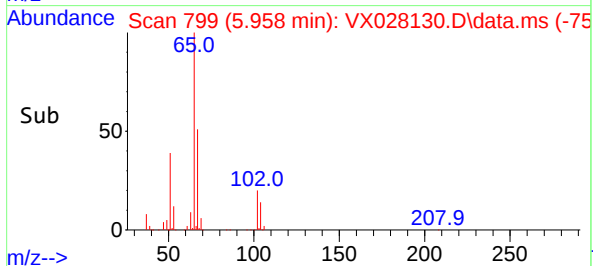
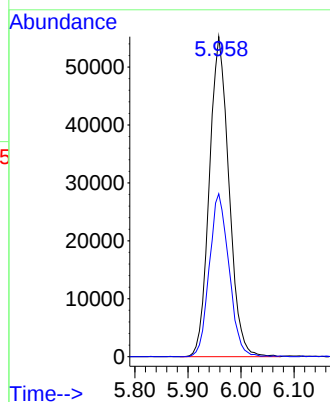
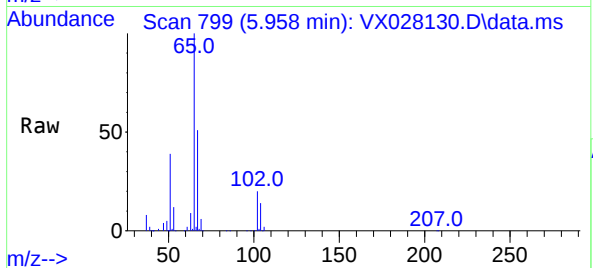




#33
1,2-Dichloroethane-d4
Concen: 48.062 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

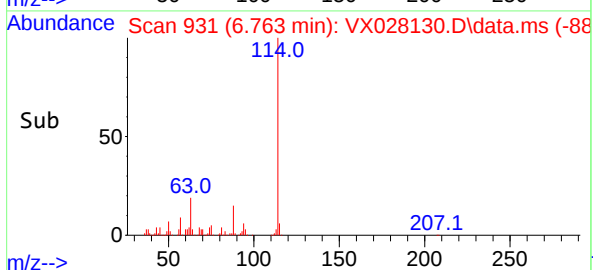
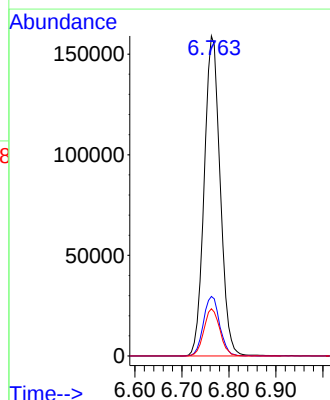
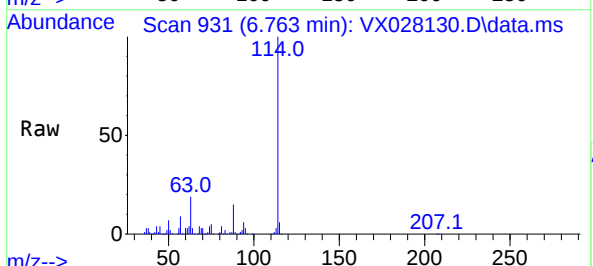
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GR

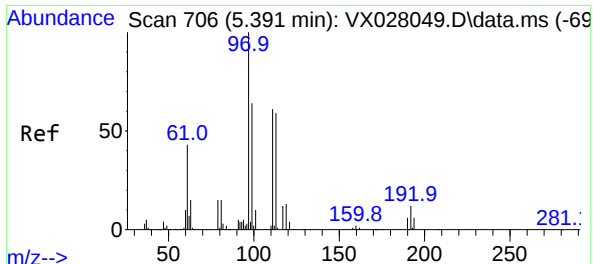
Tgt Ion: 65 Resp: 142042
Ion Ratio Lower Upper
65 100
67 50.9 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Tgt Ion: 114 Resp: 374017
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 14.7 0.0 32.4

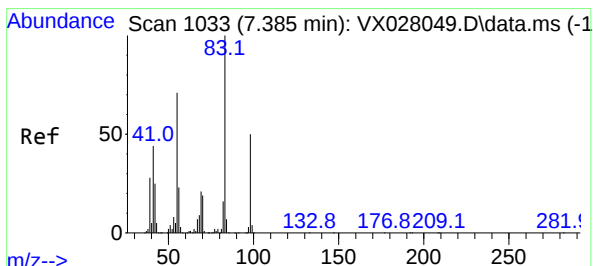
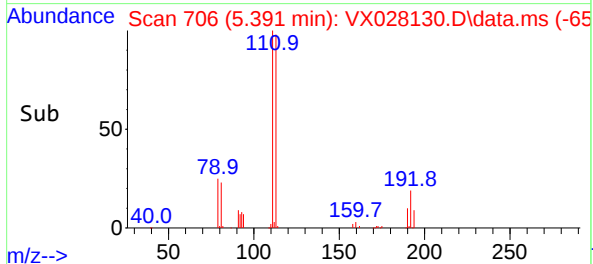
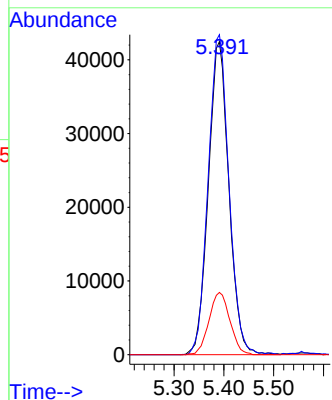
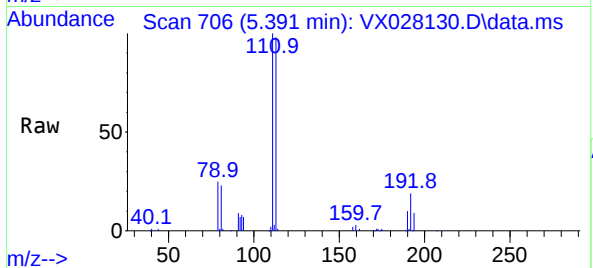




#35
Dibromofluoromethane
Concen: 49.516 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

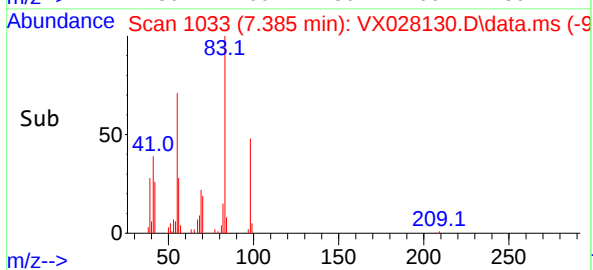
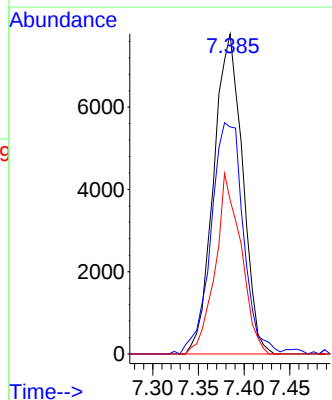
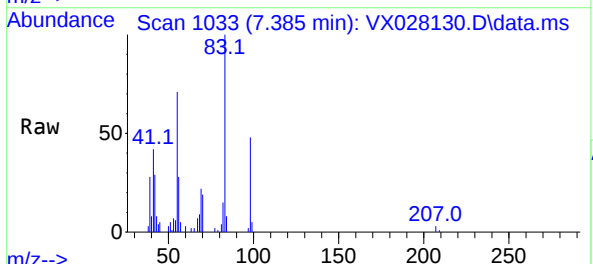
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GR

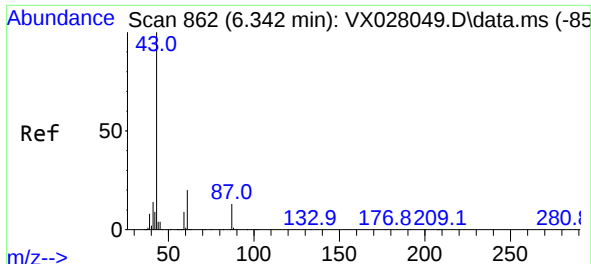
Tgt Ion:113 Resp: 121355
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 20.3 16.9 25.3



#39
Methylcyclohexane
Concen: 3.872 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Tgt Ion: 83 Resp: 17121
Ion Ratio Lower Upper
83 100
55 71.0 54.6 81.8
98 48.1 37.4 56.2

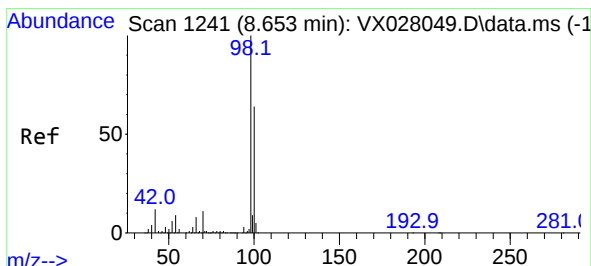
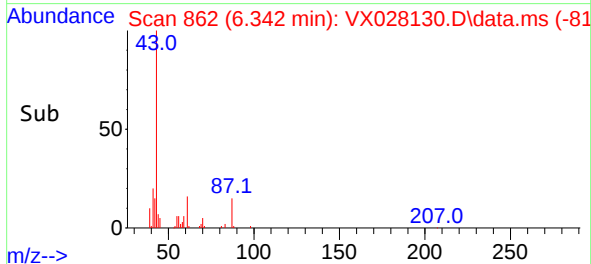
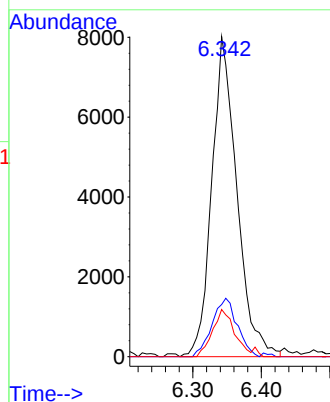
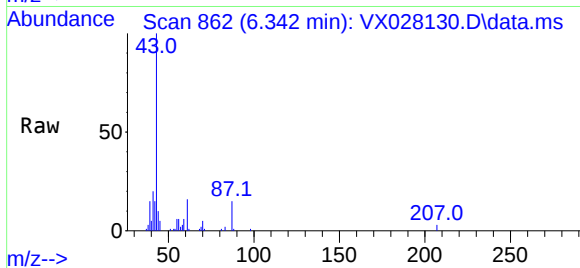




#43
Isopropyl Acetate
Concen: 2.808 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

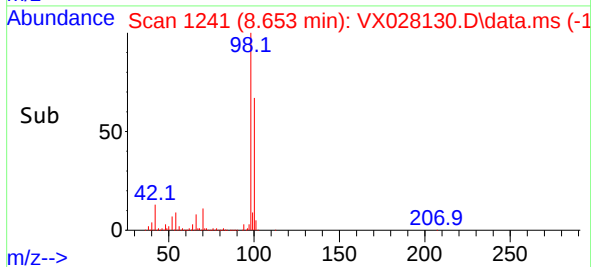
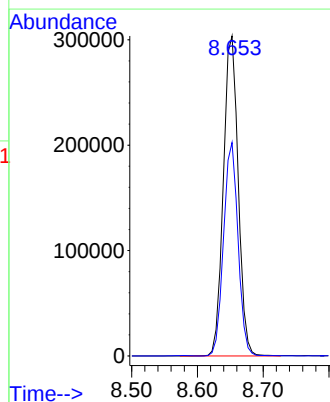
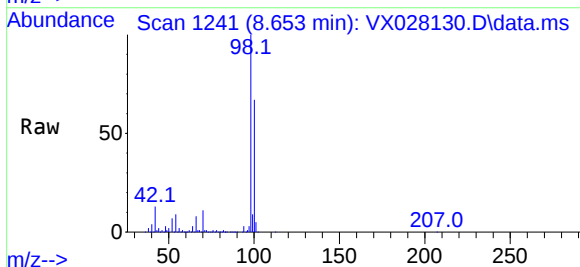
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GR

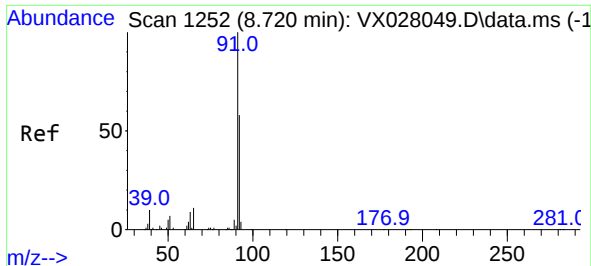
Tgt Ion: 43 Resp: 20385
Ion Ratio Lower Upper
43 100
61 18.3 18.5 27.7#
87 13.5 13.0 19.6



#50
Toluene-d8
Concen: 52.119 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Tgt Ion: 98 Resp: 476390
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

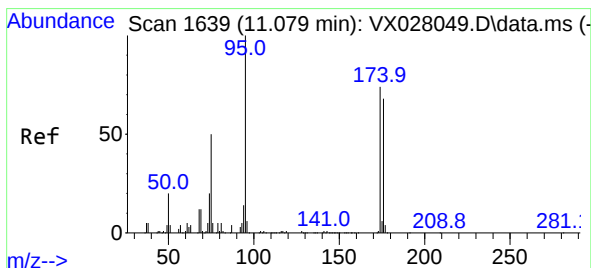
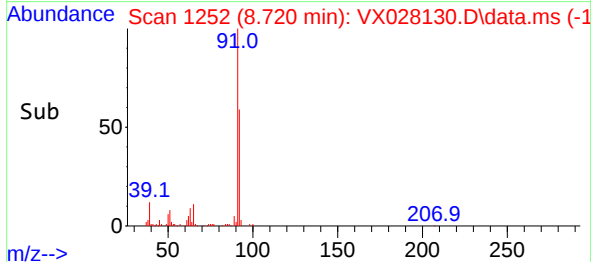
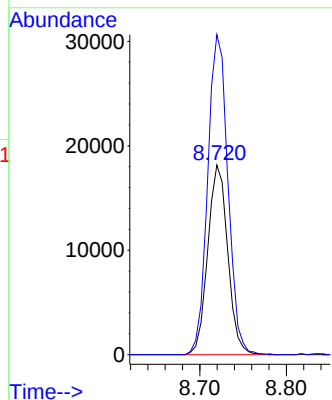
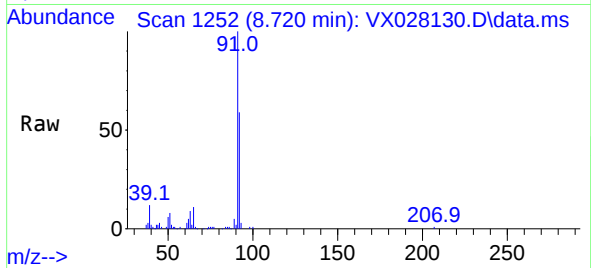




#52
Toluene
Concen: 4.009 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

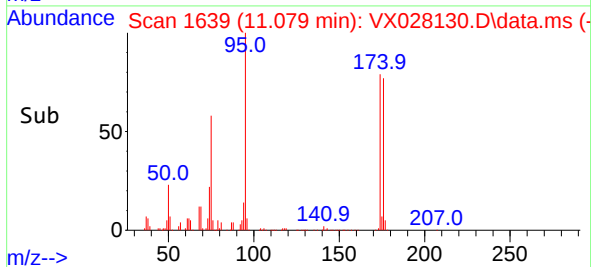
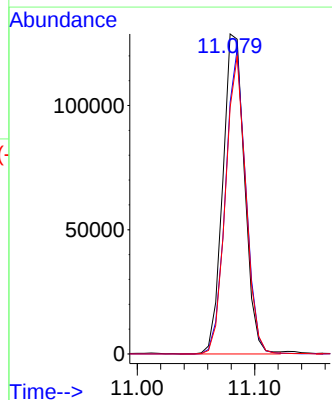
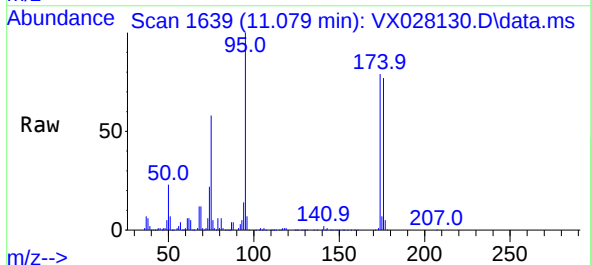
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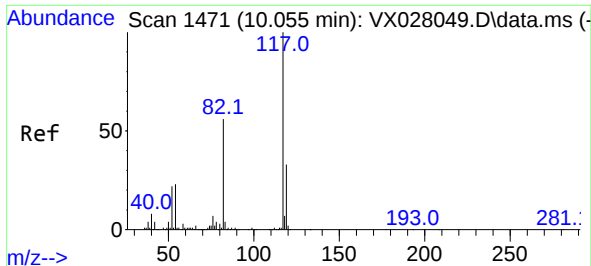
Tgt Ion: 92 Resp: 29095
Ion Ratio Lower Upper
92 100
91 170.6 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Tgt Ion: 95 Resp: 165978
Ion Ratio Lower Upper
95 100
174 88.6 0.0 163.0
176 86.7 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX028130.D

Acq: 15 Apr 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

WC-15-1-1-GR

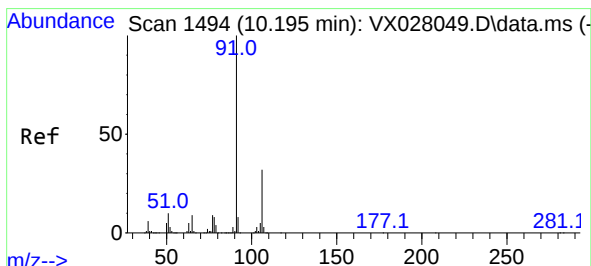
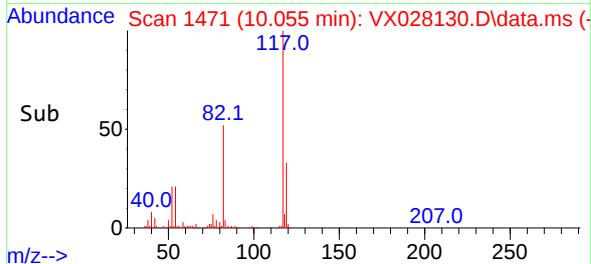
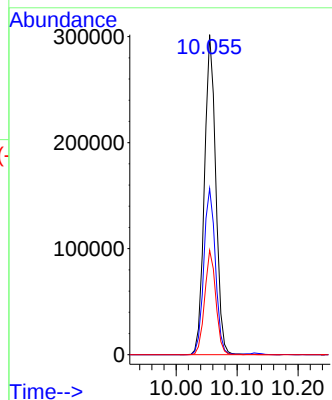
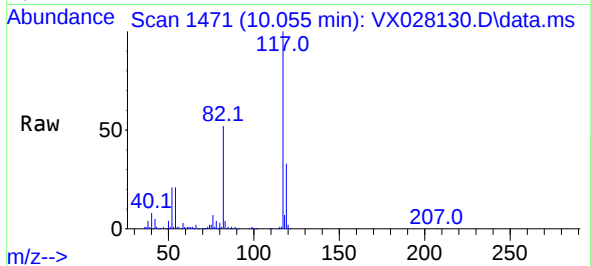
Tgt Ion:117 Resp: 391081

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

119 32.6 24.8 37.2



#67

Ethyl Benzene

Concen: 4.618 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028130.D

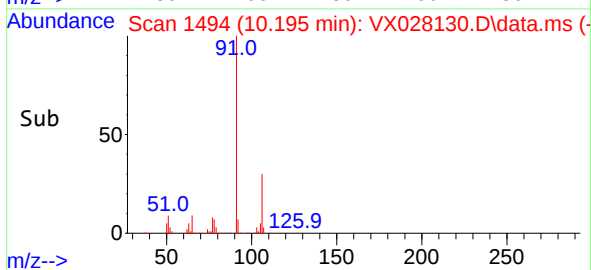
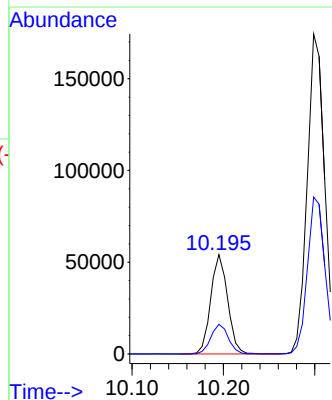
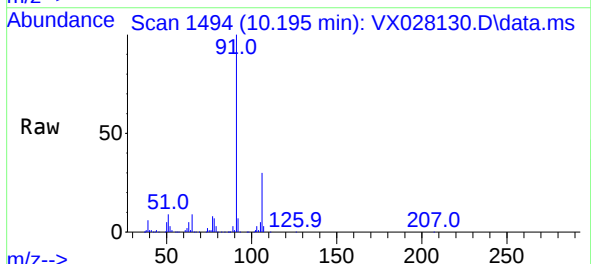
Acq: 15 Apr 2022 14:03

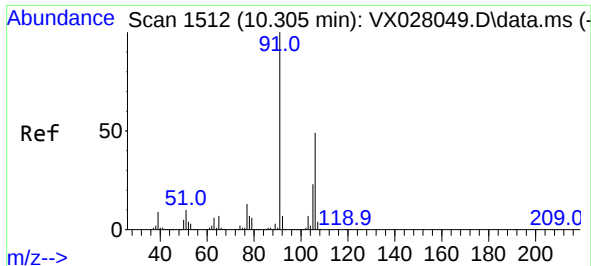
Tgt Ion: 91 Resp: 69398

Ion Ratio Lower Upper

91 100

106 29.8 24.6 36.8

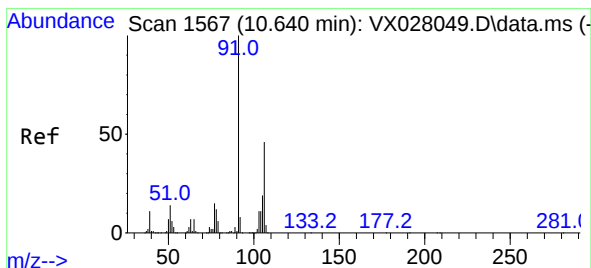
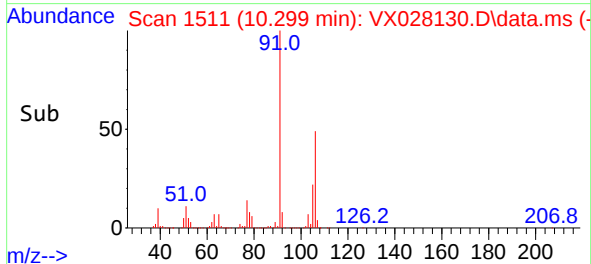
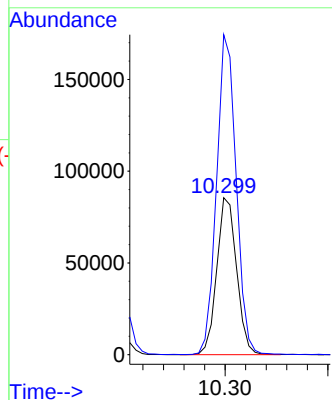
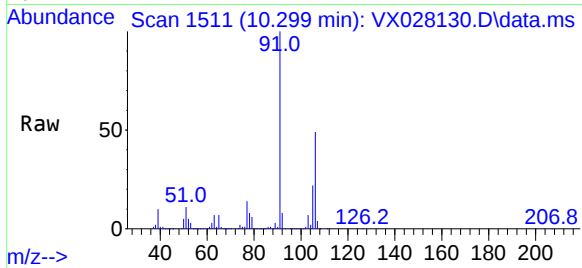




#68
m/p-Xylenes
Concen: 18.233 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

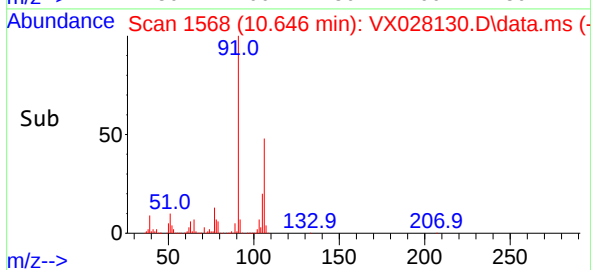
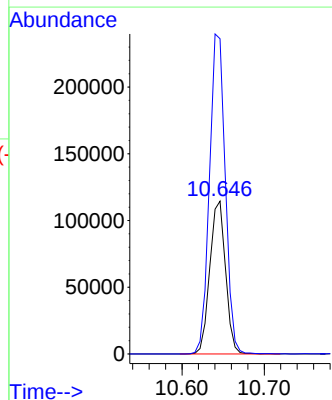
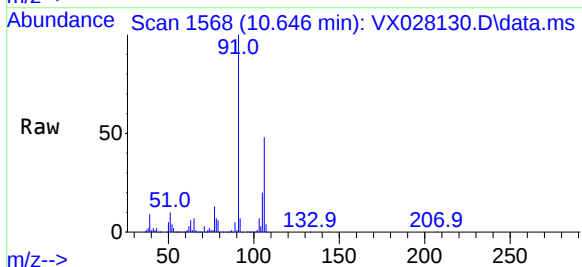
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GR

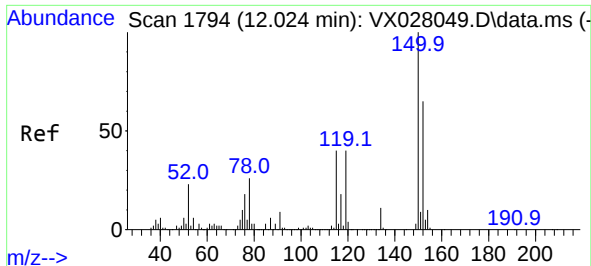
Tgt Ion:106 Resp: 114407
Ion Ratio Lower Upper
106 100
91 201.4 160.4 240.6



#69
o-Xylene
Concen: 24.948 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Tgt Ion:106 Resp: 152170
Ion Ratio Lower Upper
106 100
91 210.6 106.1 318.1

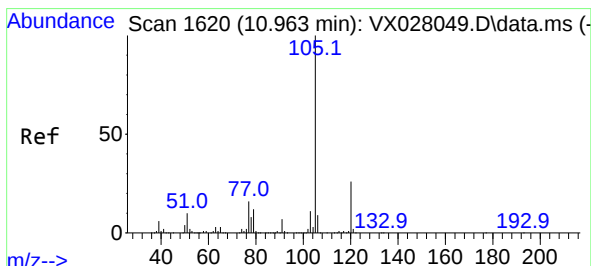
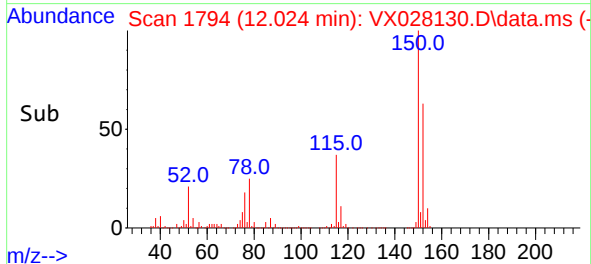
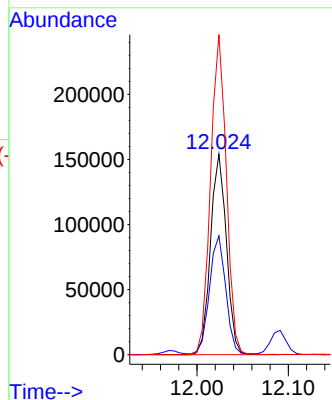
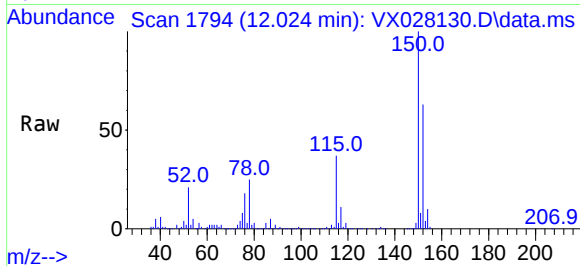




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

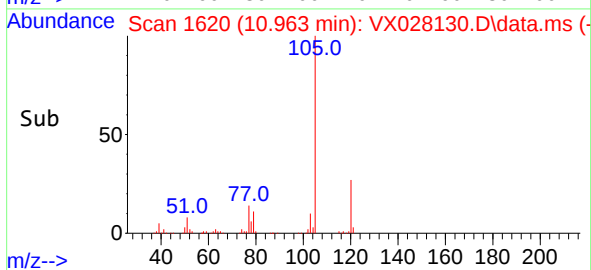
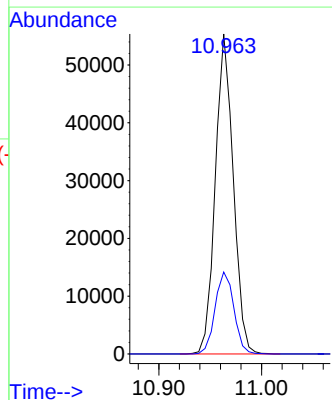
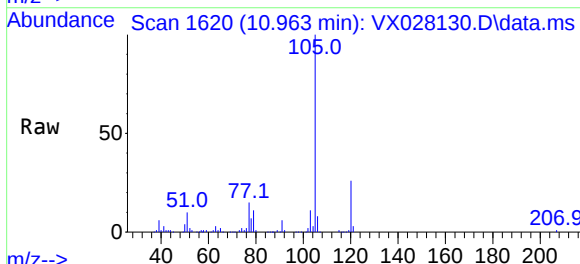
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GR

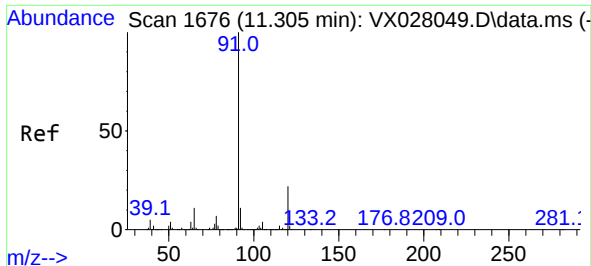
Tgt Ion:152 Resp: 185965
Ion Ratio Lower Upper
152 100
115 60.7 37.5 112.7
150 158.1 0.0 338.2



#73
Isopropylbenzene
Concen: 5.077 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Tgt Ion:105 Resp: 67066
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5

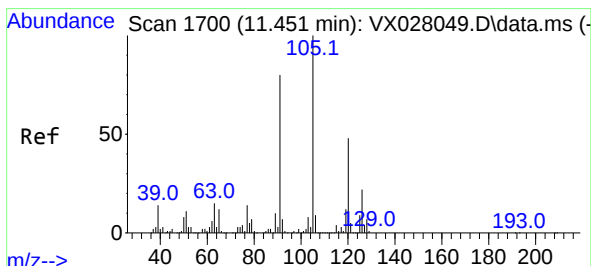
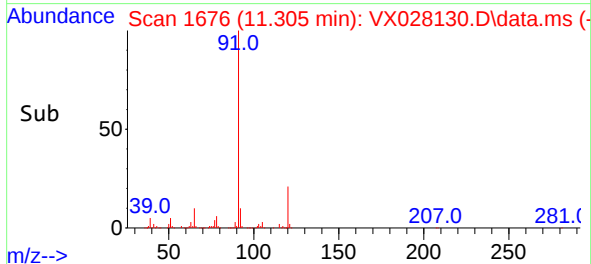
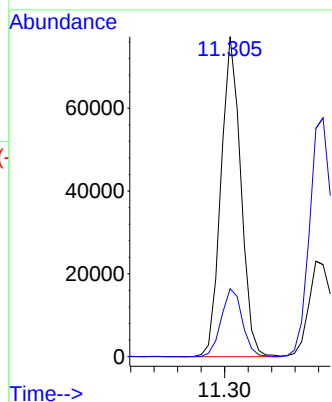
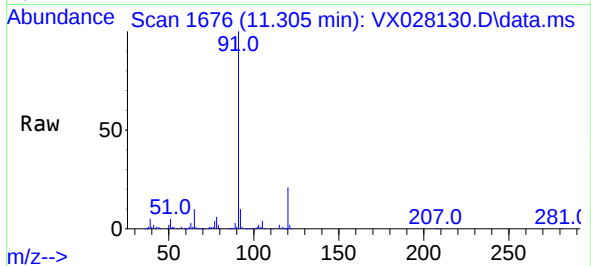




#78
n-propylbenzene
Concen: 5.903 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

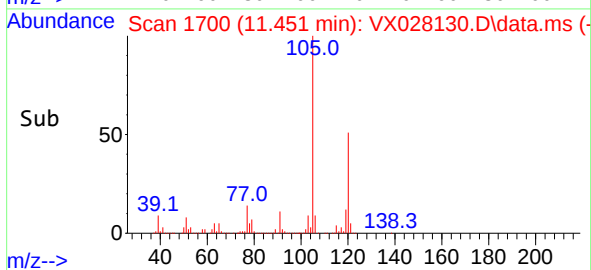
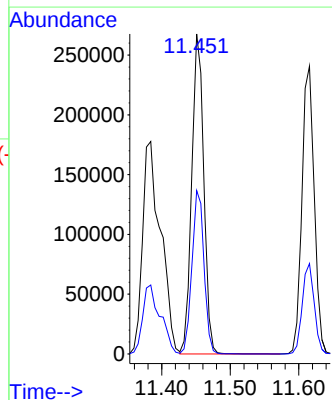
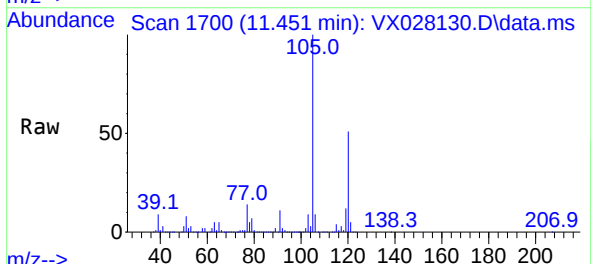
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GR

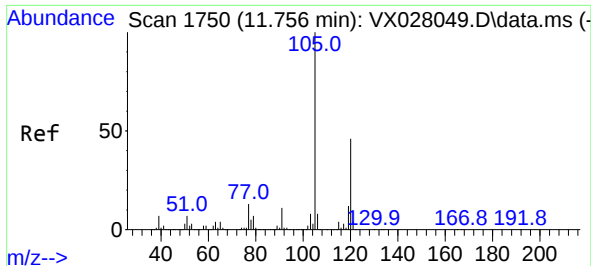
Tgt Ion: 91 Resp: 90632
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 28.553 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Tgt Ion: 105 Resp: 325849
Ion Ratio Lower Upper
105 100
120 51.2 24.3 72.9

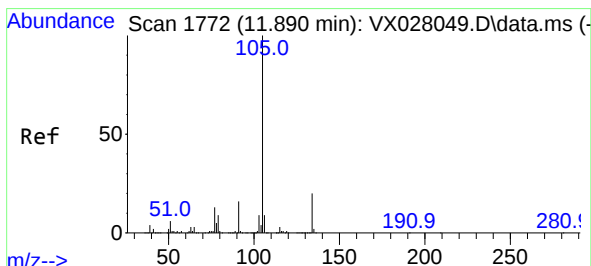
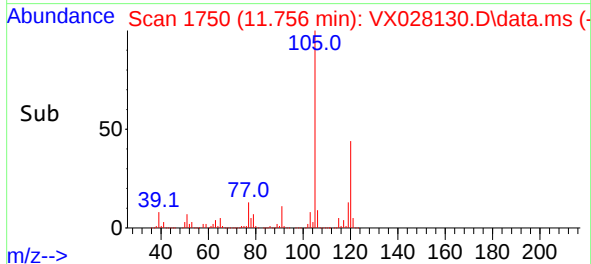
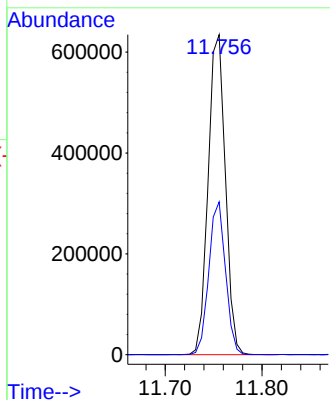
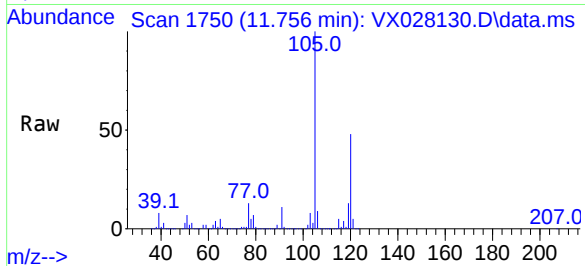




#84
1,2,4-Trimethylbenzene
Concen: 70.460 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

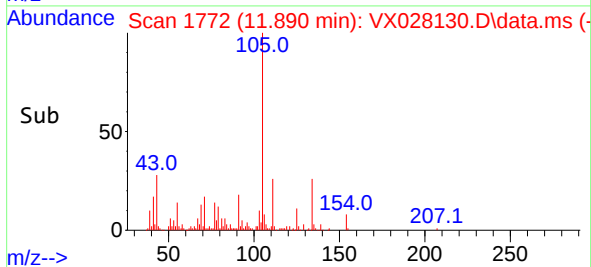
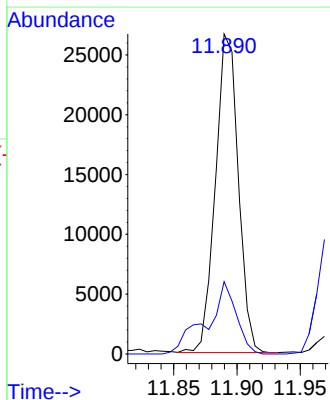
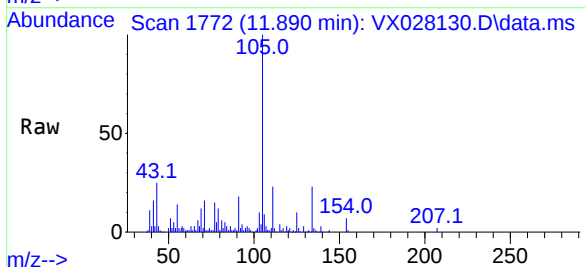
Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GR

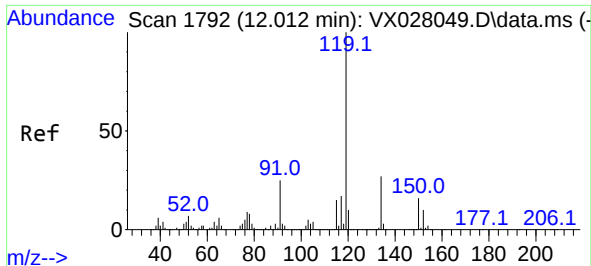
Tgt Ion:105 Resp: 787234
Ion Ratio Lower Upper
105 100
120 46.4 22.6 67.8



#85
sec-Butylbenzene
Concen: 2.372 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Tgt Ion:105 Resp: 33427
Ion Ratio Lower Upper
105 100
134 29.6 10.2 30.4

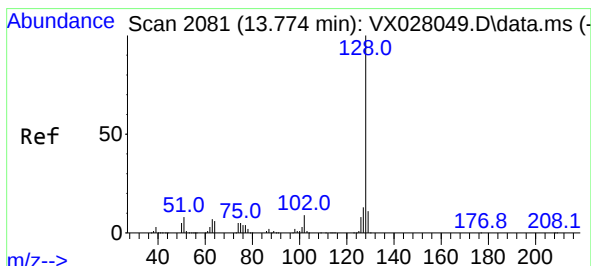
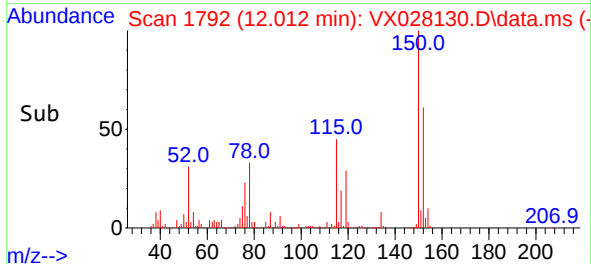
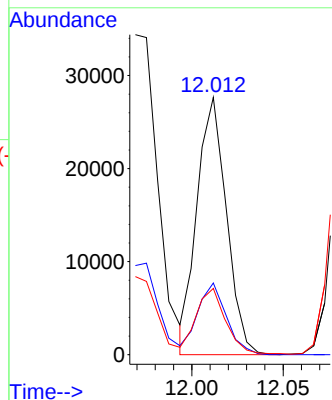
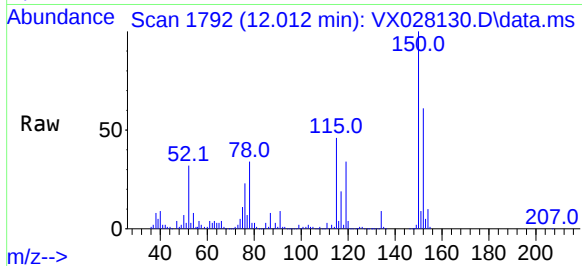




#86
p-Isopropyltoluene
Concen: 2.595 ug/l
RT: 12.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
WC-15-1-1-GR

Tgt Ion:119 Resp: 30985
Ion Ratio Lower Upper
119 100
134 27.5 13.0 39.0
91 25.5 11.3 33.9



#95
Naphthalene
Concen: 12.496 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028130.D
Acq: 15 Apr 2022 14:03

Tgt Ion:128 Resp: 153340
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.7 13.1

