

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028760.D
 Acq On : 17 May 2022 16:08
 Operator : JC/MD
 Sample : N2809-01
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-TP-5R

Quant Time: May 17 16:58:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

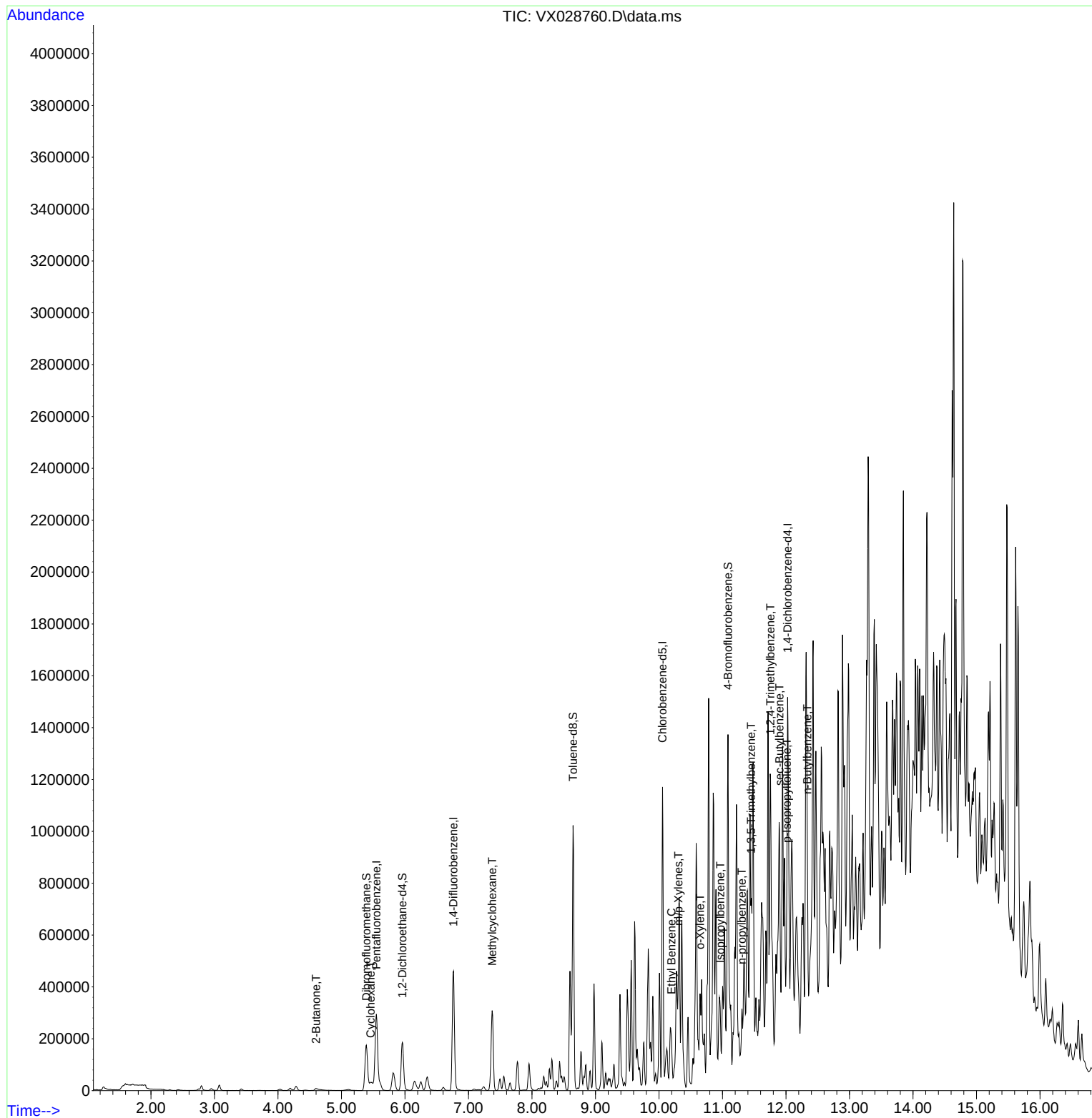
Internal Standards						
1) Pentafluorobenzene	5.550	168	274090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	480848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	211387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183473	48.833	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.660%
35) Dibromofluoromethane	5.391	113	153924	48.858	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.720%
50) Toluene-d8	8.647	98	571537	48.118	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.085	95	219649	49.510	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.020%
Target Compounds						
					Qvalue	
25) 2-Butanone	4.599	43	24302	9.602	ug/l	96
31) Cyclohexane	5.458	56	20785	3.986	ug/l	92
39) Methylcyclohexane	7.373	83	137127	25.269	ug/l	95
67) Ethyl Benzene	10.195	91	47322	2.497	ug/l	98
68) m/p-Xylenes	10.305	106	25289	3.428	ug/l	87
69) o-Xylene	10.647	106	48712	6.706	ug/l	98
73) Isopropylbenzene	10.964	105	69134	4.313	ug/l	98
78) n-propylbenzene	11.305	91	109628	5.912	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	176998	13.251	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	323580	24.157	ug/l	99
85) sec-Butylbenzene	11.896	105	95495	5.986	ug/l #	75
86) p-Isopropyltoluene	12.012	119	75516	5.641	ug/l	97
89) n-Butylbenzene	12.335	91	123805	10.674	ug/l #	48

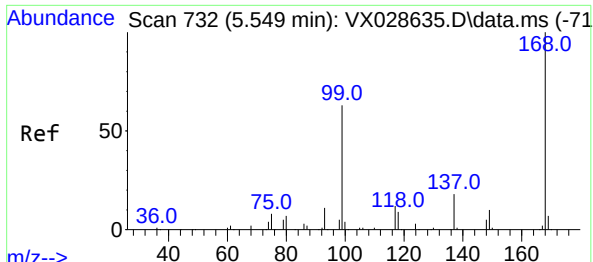
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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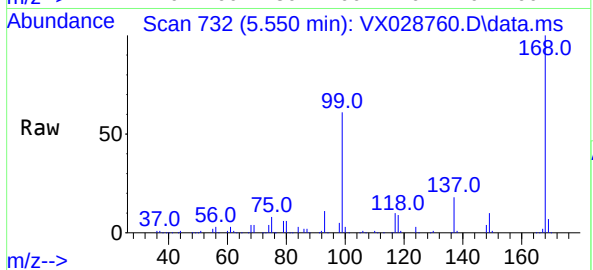
Quant Time: May 17 16:58:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration



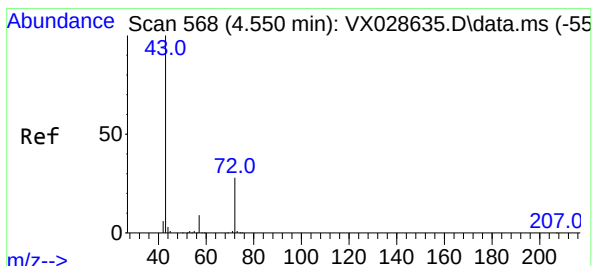
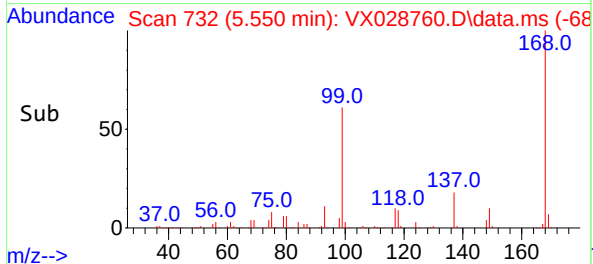
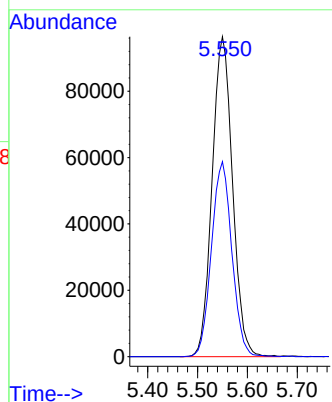


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

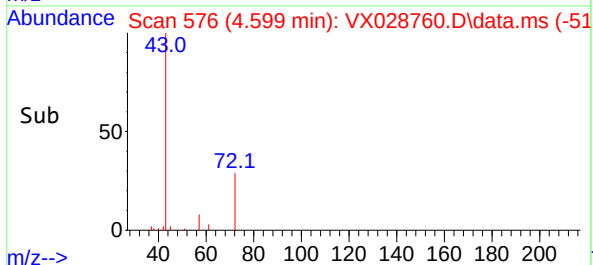
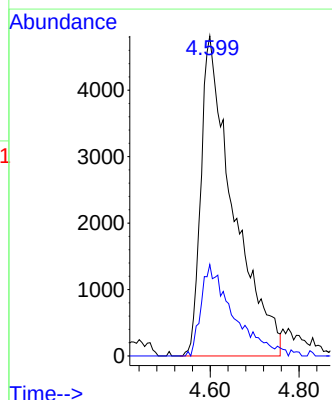
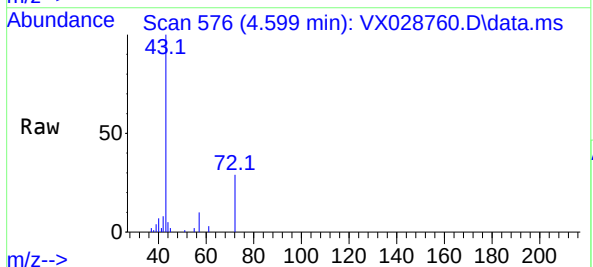


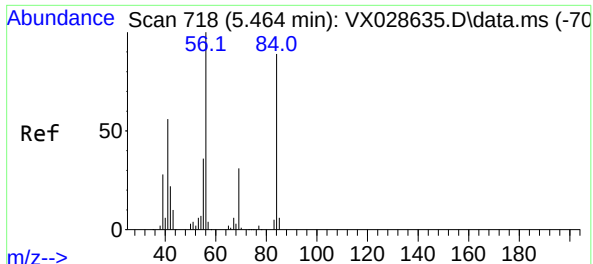
Tgt Ion:168 Resp: 274090
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#25
2-Butanone
Concen: 9.602 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.049 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

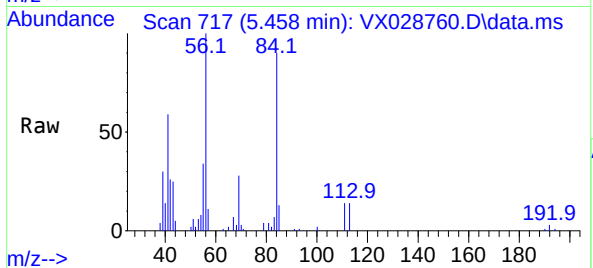
Tgt Ion: 43 Resp: 24302
Ion Ratio Lower Upper
43 100
72 28.5 24.4 36.6



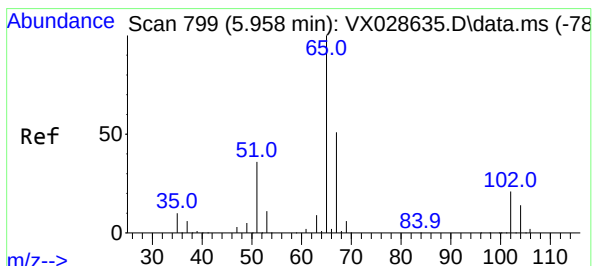
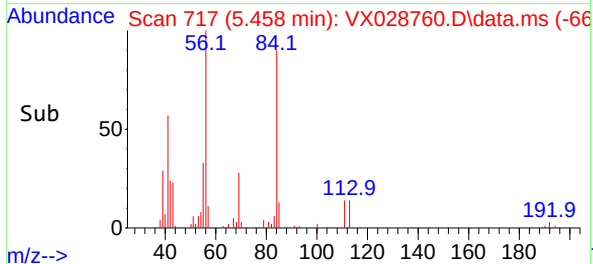
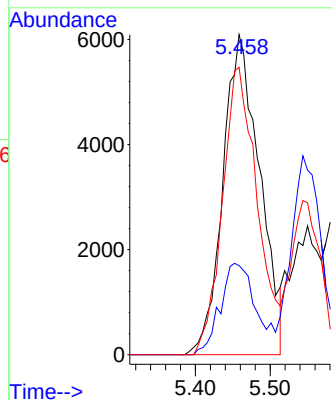


#31
Cyclohexane
Concen: 3.986 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

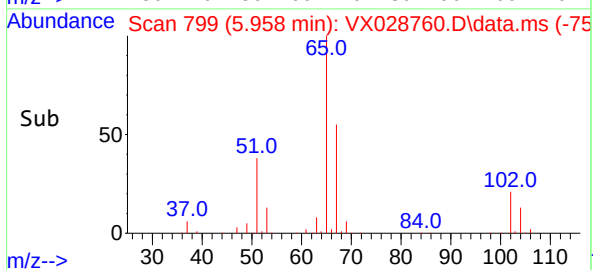
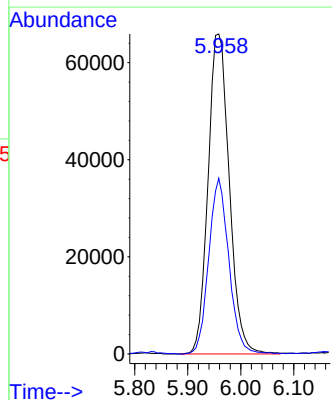
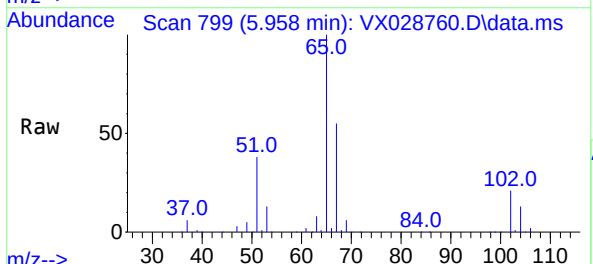


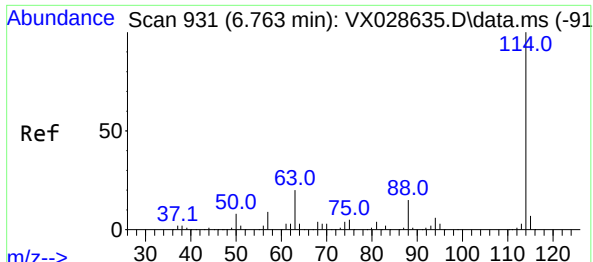
Tgt Ion: 56 Resp: 20785
Ion Ratio Lower Upper
56 100
69 27.8 26.7 40.1
84 89.8 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 48.833 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

Tgt Ion: 65 Resp: 183473
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

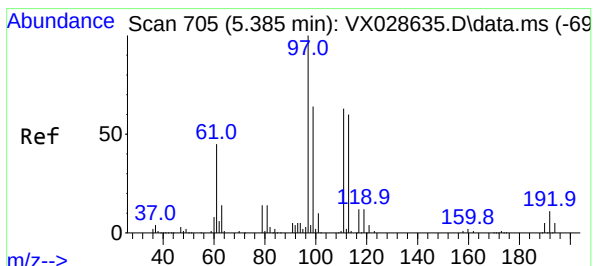
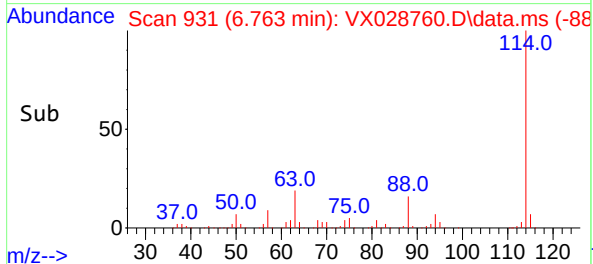
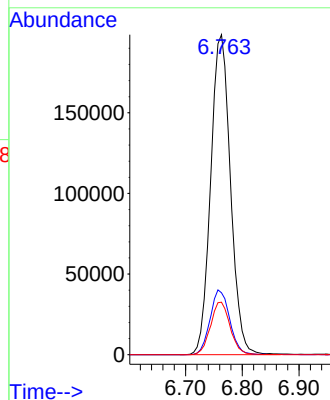
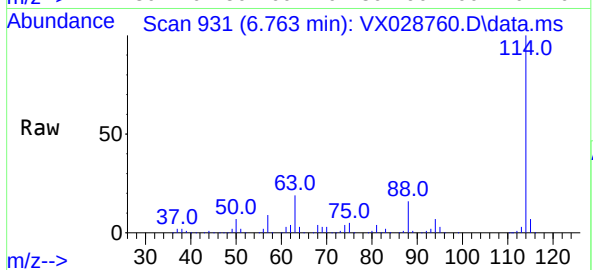




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

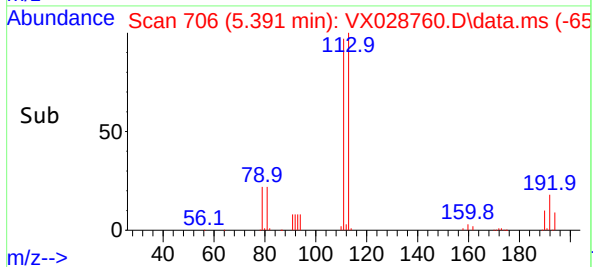
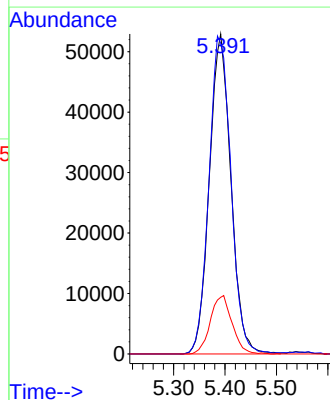
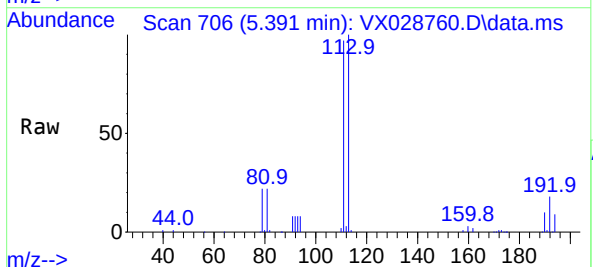
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

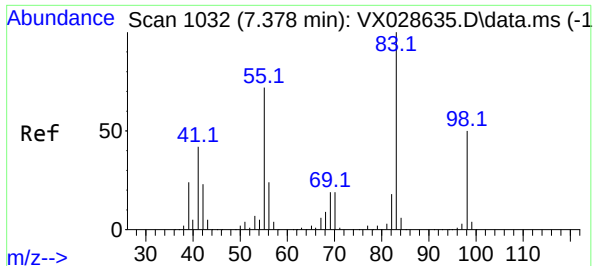
Tgt Ion:114 Resp: 480848
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.858 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

Tgt Ion:113 Resp: 153924
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 18.3 16.9 25.3





#39

Methylcyclohexane

Concen: 25.269 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.005 min

Lab File: VX028760.D

Acq: 17 May 2022 16:08

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-TP-5R

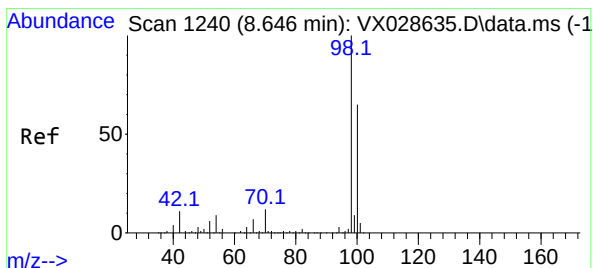
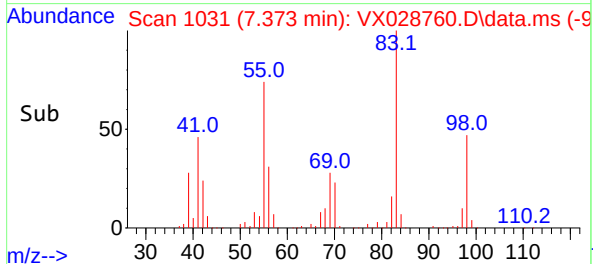
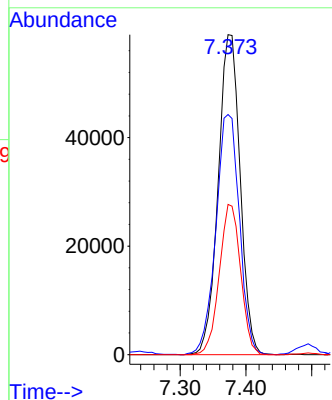
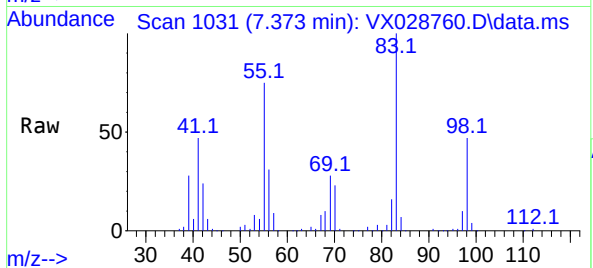
Tgt Ion: 83 Resp: 137127

Ion Ratio Lower Upper

83 100

55 75.1 54.6 81.8

98 46.9 37.4 56.2



#50

Toluene-d8

Concen: 48.118 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX028760.D

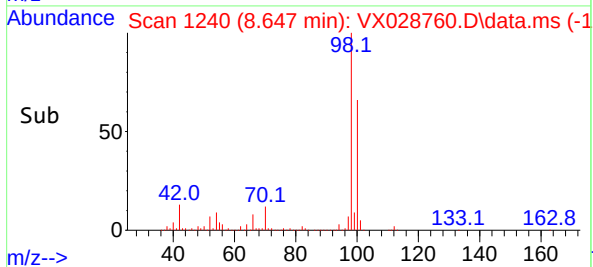
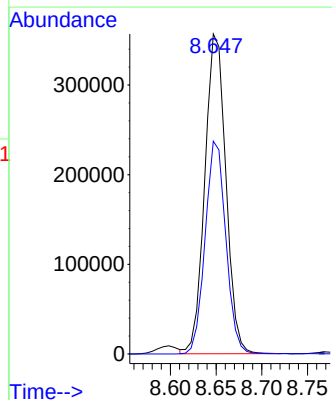
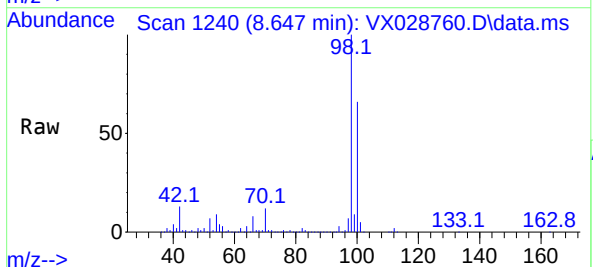
Acq: 17 May 2022 16:08

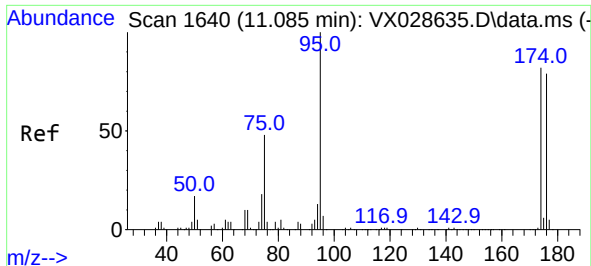
Tgt Ion: 98 Resp: 571537

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

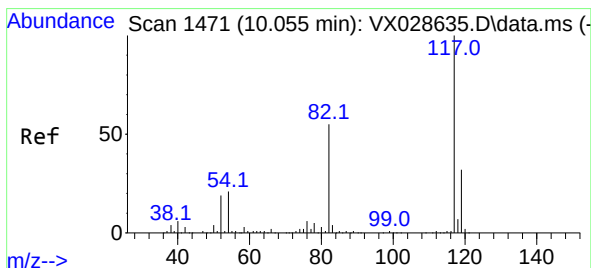
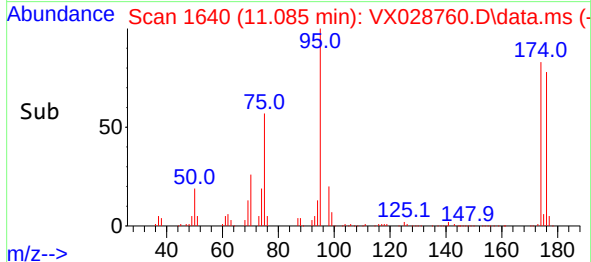
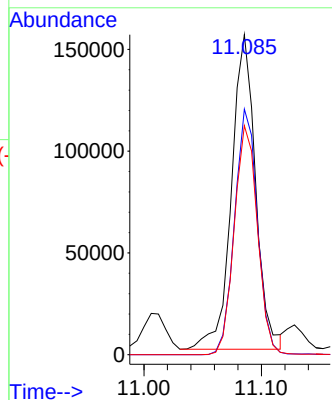
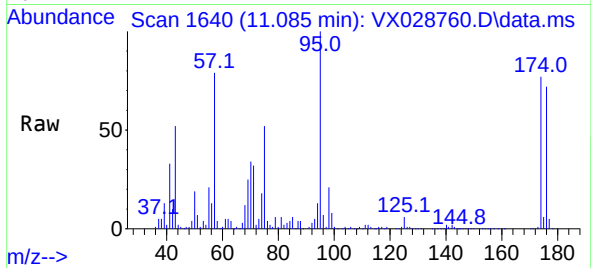




#62
4-Bromofluorobenzene
Concen: 49.510 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

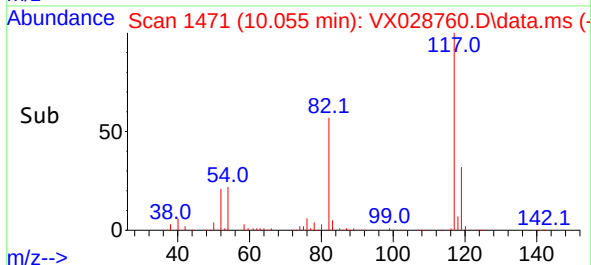
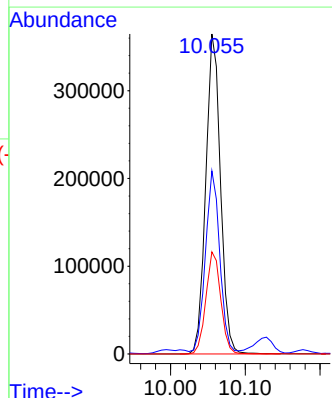
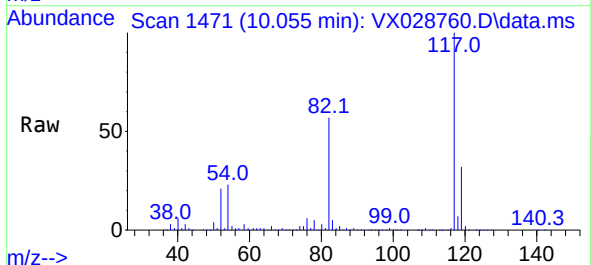
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

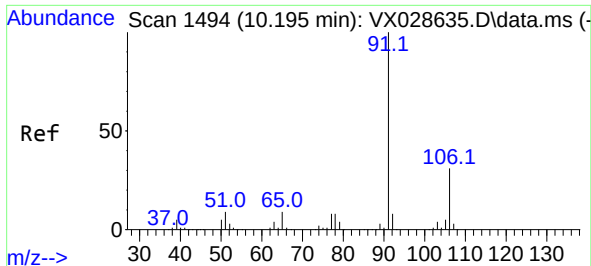
Tgt Ion: 95 Resp: 219649
Ion Ratio Lower Upper
95 100
174 74.1 0.0 163.0
176 70.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

Tgt Ion: 117 Resp: 498395
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 31.9 24.8 37.2

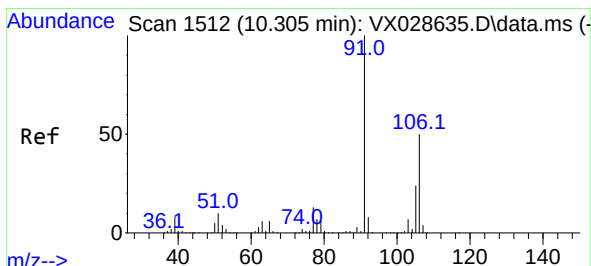
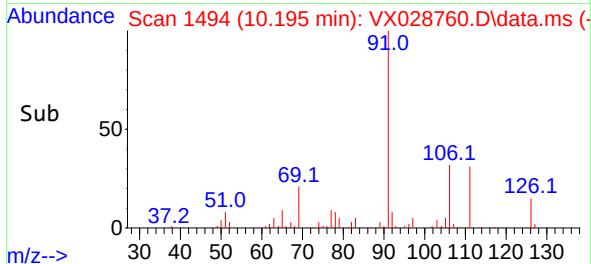
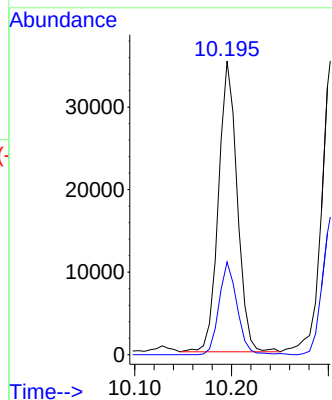
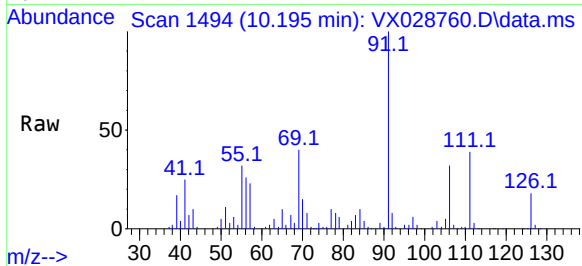




#67
Ethyl Benzene
Concen: 2.497 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

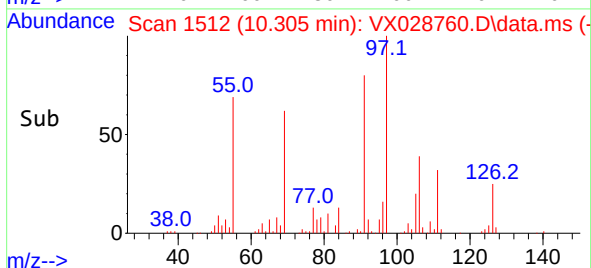
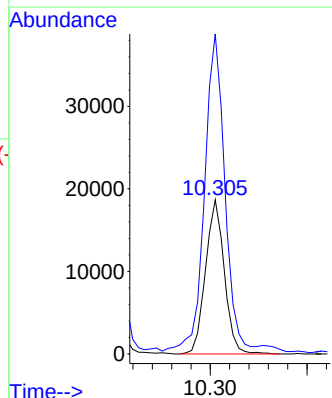
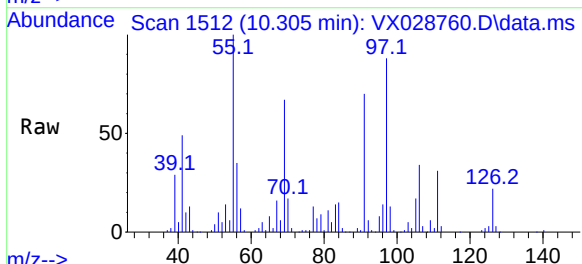
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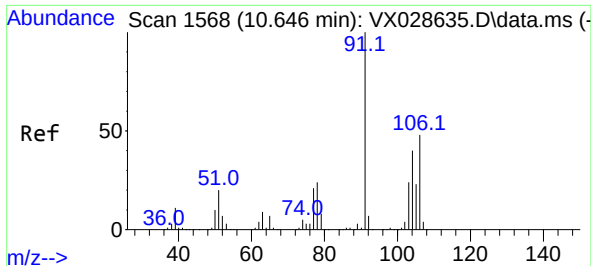
Tgt Ion: 91 Resp: 47322
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 3.428 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

Tgt Ion: 106 Resp: 25289
Ion Ratio Lower Upper
106 100
91 220.2 160.4 240.6

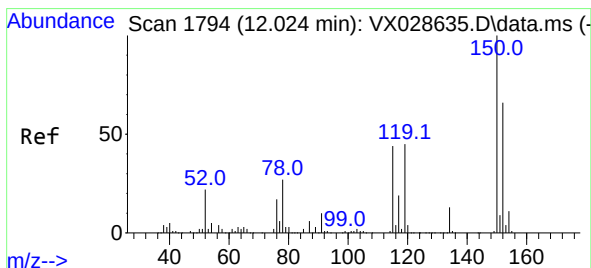
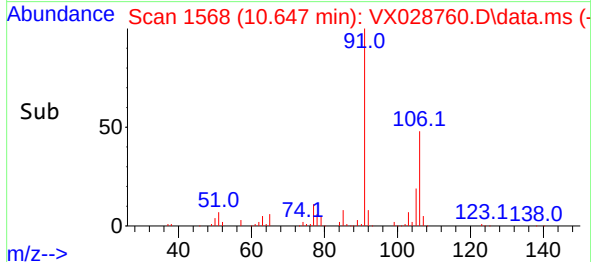
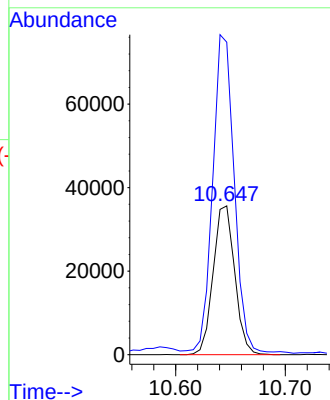
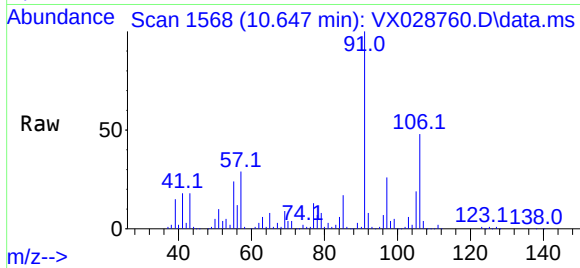




#69
o-Xylene
Concen: 6.706 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

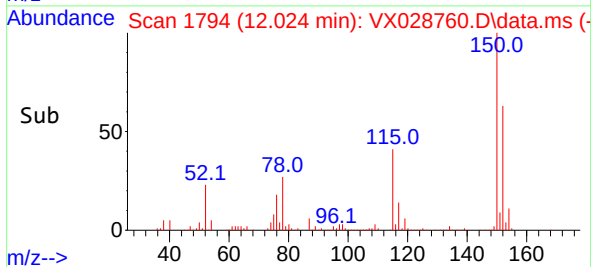
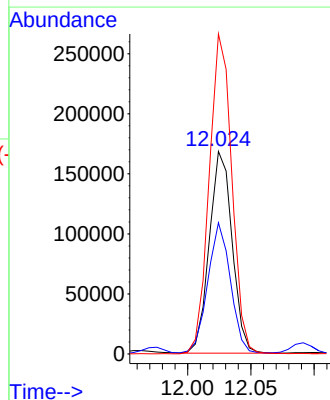
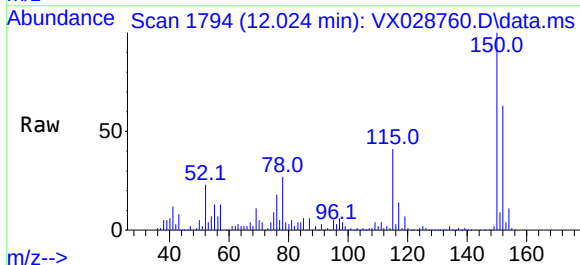
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

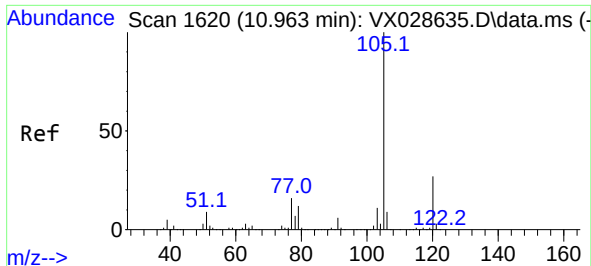
Tgt Ion:106 Resp: 48712
Ion Ratio Lower Upper
106 100
91 214.8 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

Tgt Ion:152 Resp: 211387
Ion Ratio Lower Upper
152 100
115 64.7 37.5 112.7
150 157.0 0.0 338.2

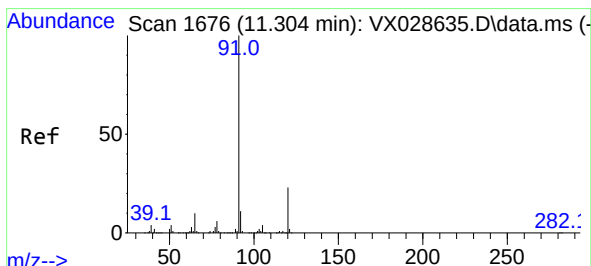
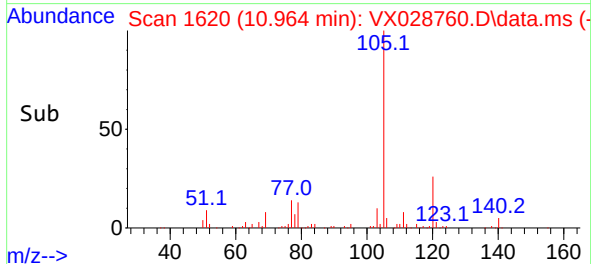
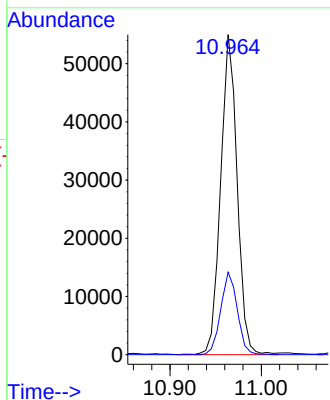
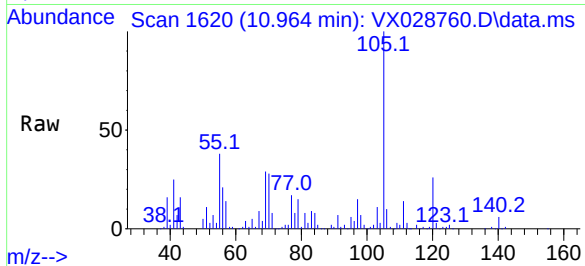




#73
Isopropylbenzene
Concen: 4.313 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

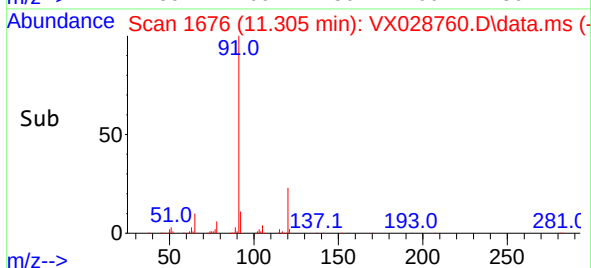
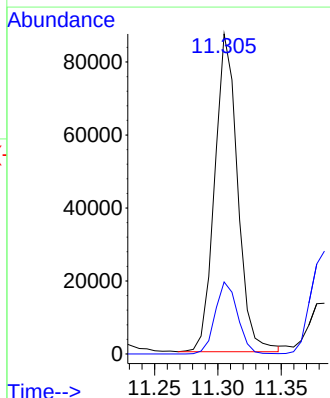
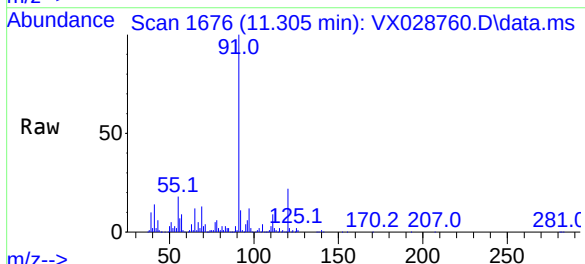
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

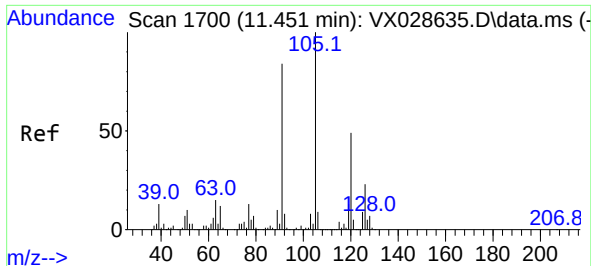
Tgt Ion:105 Resp: 69134
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.5



#78
n-propylbenzene
Concen: 5.912 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

Tgt Ion: 91 Resp: 109628
Ion Ratio Lower Upper
91 100
120 22.2 11.6 34.8

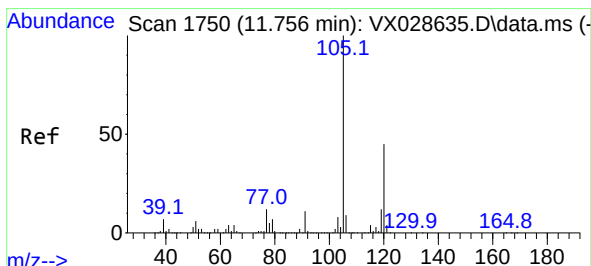
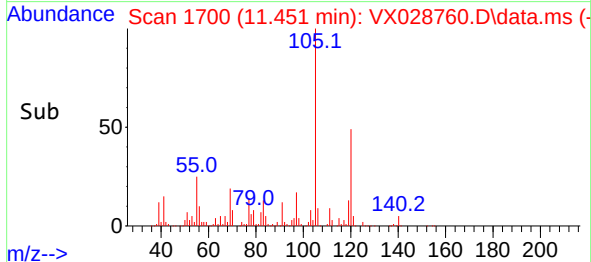
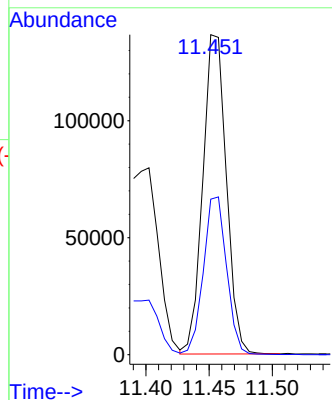
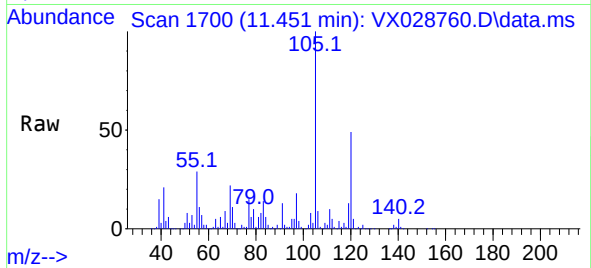




#80
1,3,5-Trimethylbenzene
Concen: 13.251 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

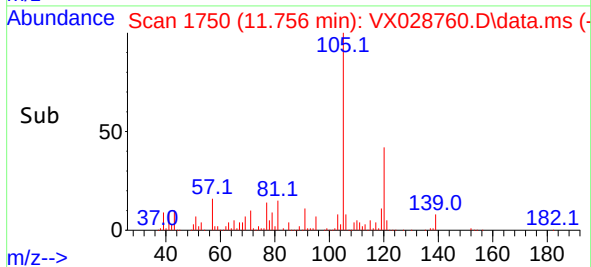
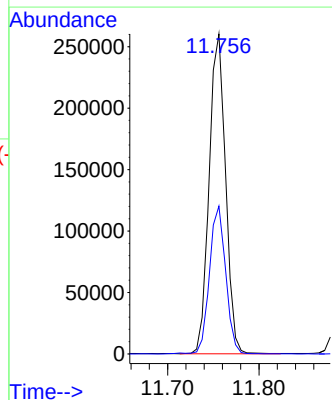
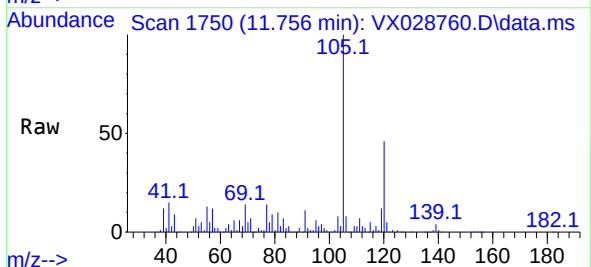
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

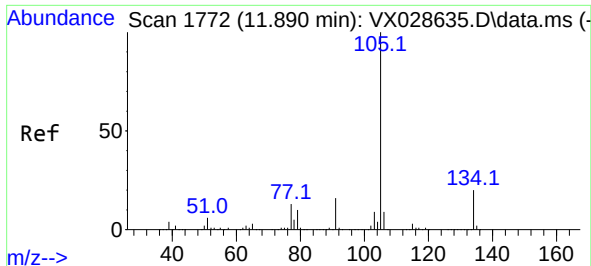
Tgt Ion:105 Resp: 176998
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 24.157 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

Tgt Ion:105 Resp: 323580
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.8

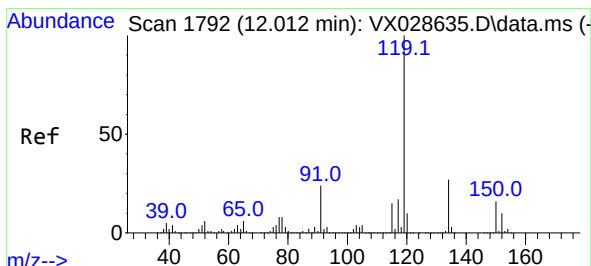
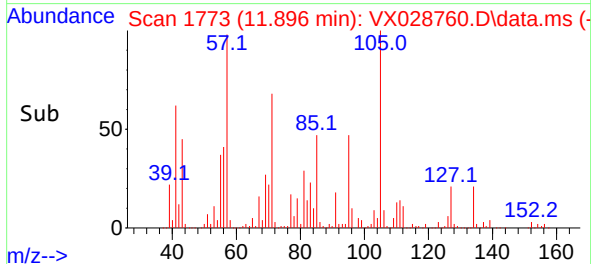
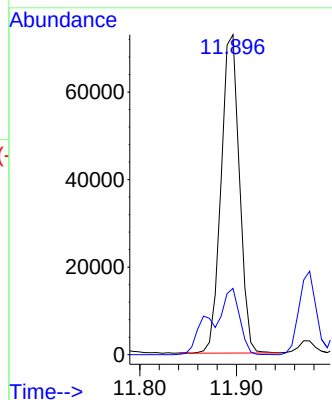
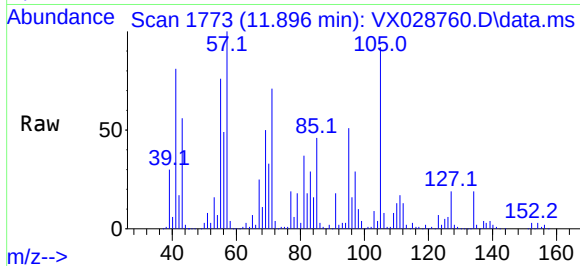




#85
sec-Butylbenzene
Concen: 5.986 ug/l
RT: 11.896 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

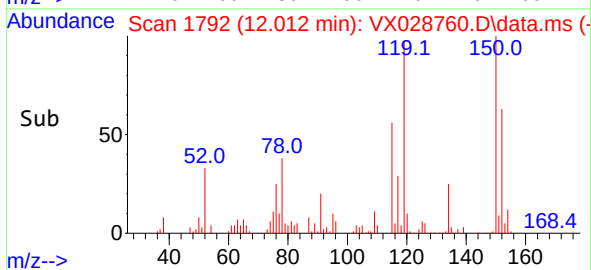
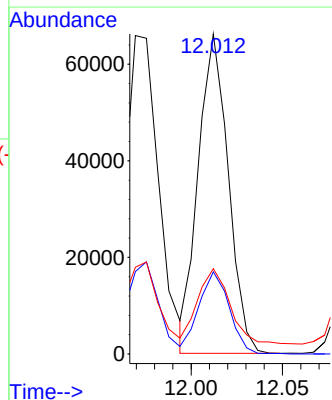
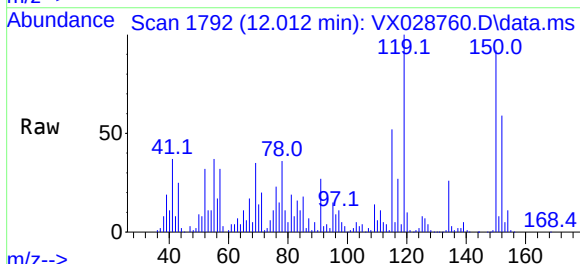
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

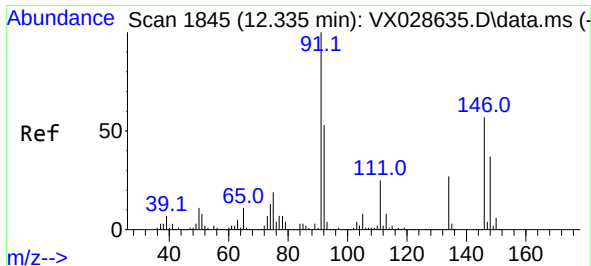
Tgt Ion:105 Resp: 95495
Ion Ratio Lower Upper
105 100
134 31.8 10.2 30.4#



#86
p-Isopropyltoluene
Concen: 5.641 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX028760.D
Acq: 17 May 2022 16:08

Tgt Ion:119 Resp: 75516
Ion Ratio Lower Upper
119 100
134 26.2 13.0 39.0
91 25.3 11.3 33.9





#89

n-Butylbenzene

Concen: 10.674 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028760.D

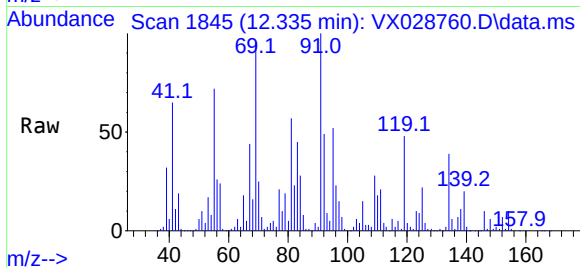
Acq: 17 May 2022 16:08

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-TP-5R



Tgt Ion: 91 Resp: 123805

Ion Ratio Lower Upper

91 100

92 36.5 27.8 83.3

134 81.4 13.3 39.8#

