

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032715.D
 Acq On : 10 Nov 2022 08:22
 Operator : JC/MD
 Sample : N5511-03ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-05-110722ME

Quant Time: Nov 10 08:48:32 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)

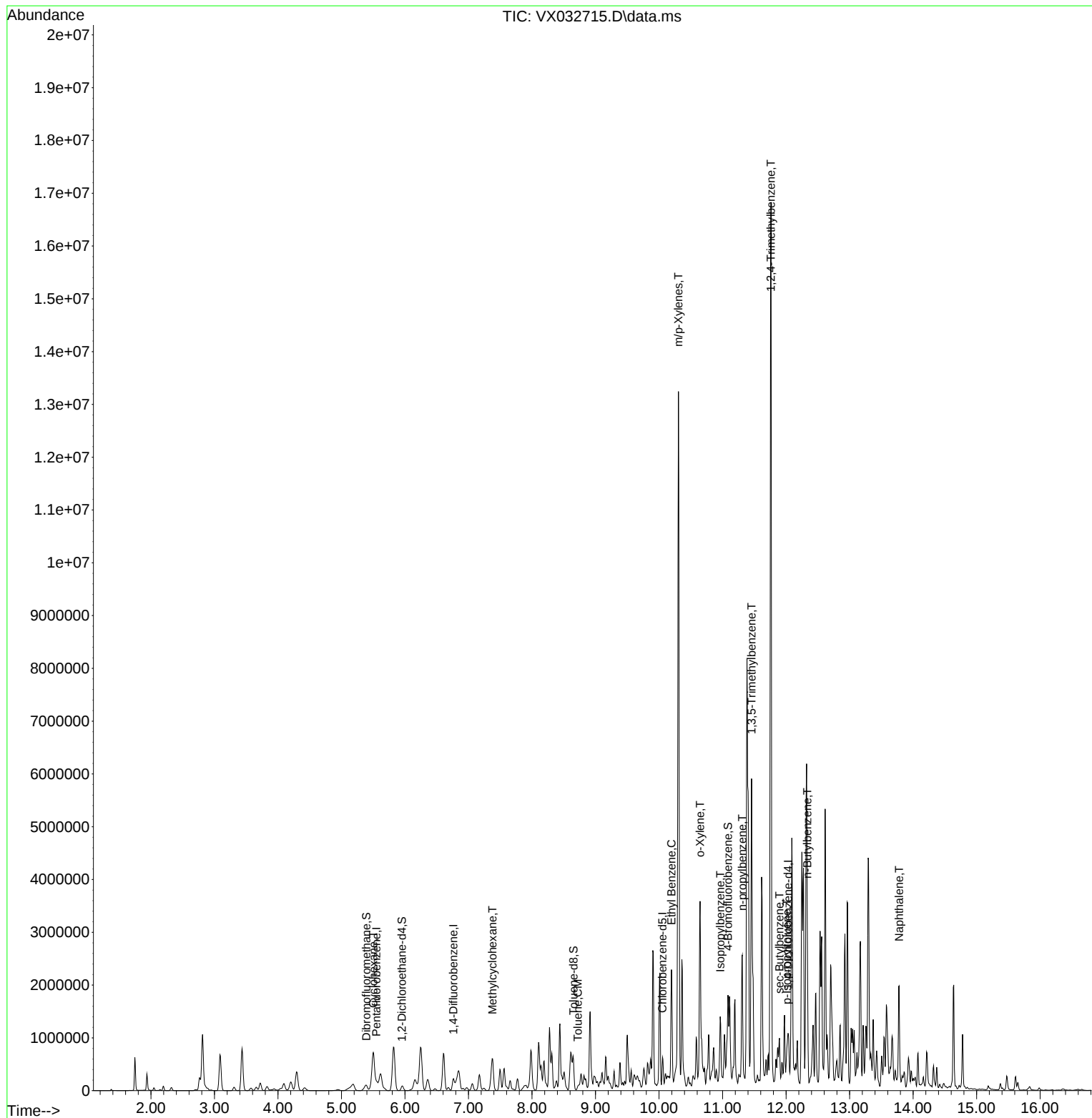
Internal Standards						
1) Pentafluorobenzene	5.550	168	133872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	123326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91618	49.254	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.500%		
35) Dibromofluoromethane	5.391	113	67697	42.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.580%		
50) Toluene-d8	8.653	98	301719	54.843	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	109.680%		
62) 4-Bromofluorobenzene	11.085	95	128634	59.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	119.720%		
Target Compounds						Qvalue
31) Cyclohexane	5.501	56	192985	85.567	ug/l #	48
39) Methylcyclohexane	7.379	83	260680	100.001	ug/l	94
52) Toluene	8.720	92	21696	5.334	ug/l	99
67) Ethyl Benzene	10.195	91	1174218	128.800	ug/l	99
68) m/p-Xylenes	10.305	106	3214017	907.903	ug/l	90
69) o-Xylene	10.646	106	784278	227.863	ug/l	98
73) Isopropylbenzene	10.963	105	609668	62.386	ug/l	100
78) n-propylbenzene	11.311	91	1611324	143.110	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	2418128	289.518	ug/l	98
84) 1,2,4-Trimethylbenzene	11.762	105	7144017	859.984	ug/l	90
85) sec-Butylbenzene	11.896	105	340090	33.895	ug/l	93
86) p-Isopropyltoluene	12.012	119	185706	21.812	ug/l	99
89) n-Butylbenzene	12.335	91	1161664	156.837	ug/l #	41
95) Naphthalene	13.780	128	1207150	124.683	ug/l	99

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

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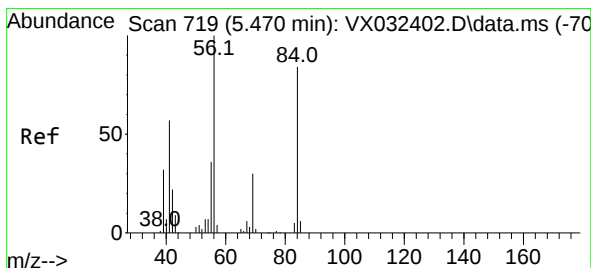
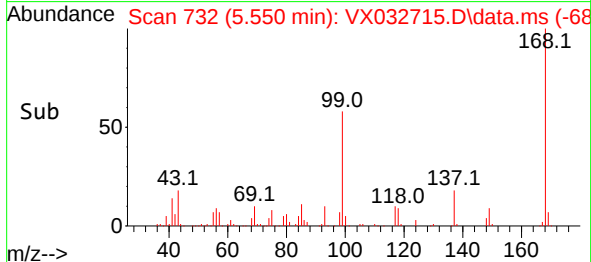
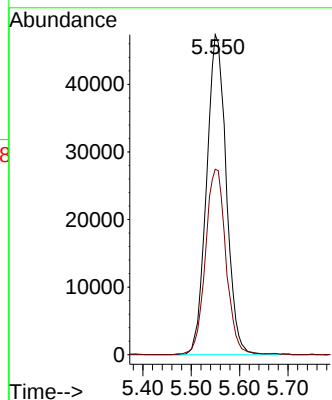
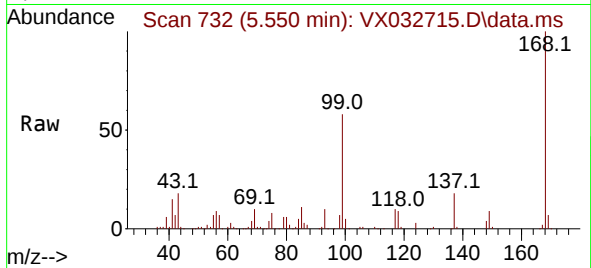




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

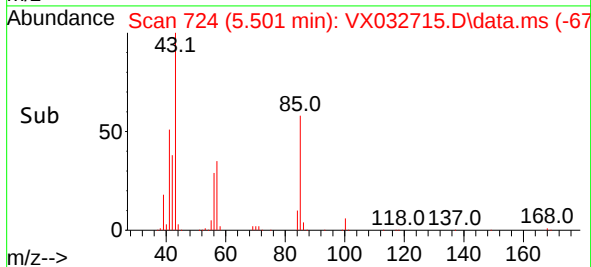
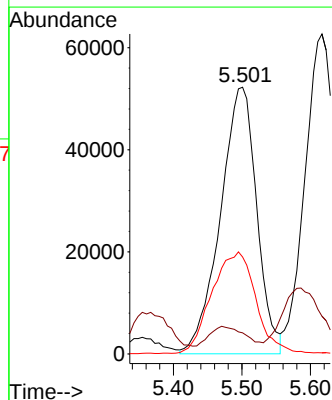
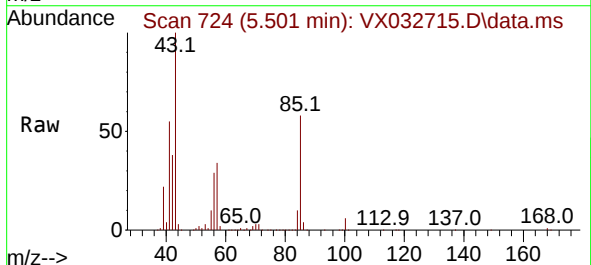
Instrument :
MSVOA_X
ClientSampleId :
PL-05-110722ME

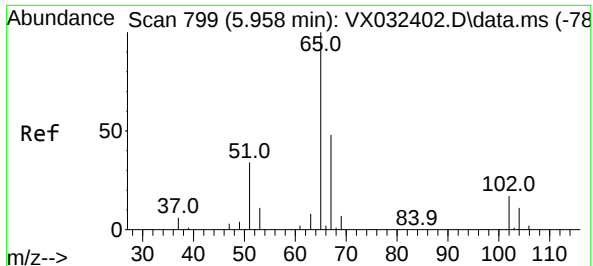
Tgt Ion:168 Resp: 133872
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#31
Cyclohexane
Concen: 85.567 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.030 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

Tgt Ion: 56 Resp: 192985
Ion Ratio Lower Upper
56 100
69 3.1 24.1 36.1#
84 36.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.254 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032715.D

Acq: 10 Nov 2022 08:22

Instrument :

MSVOA_X

ClientSampleId :

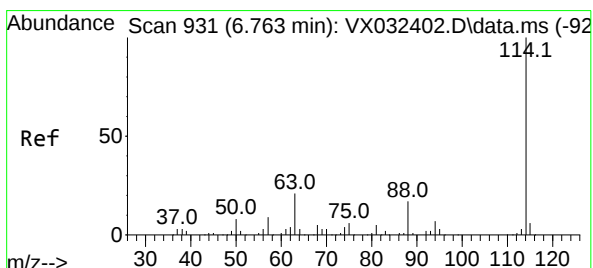
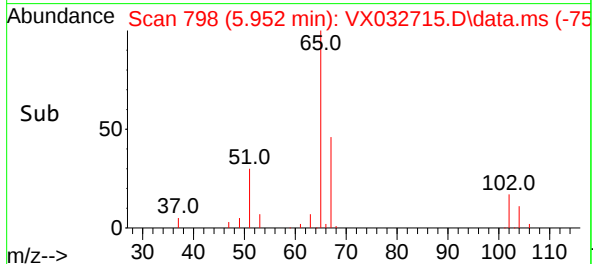
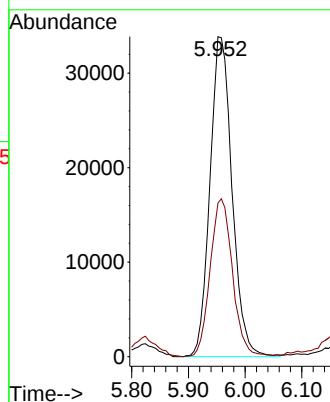
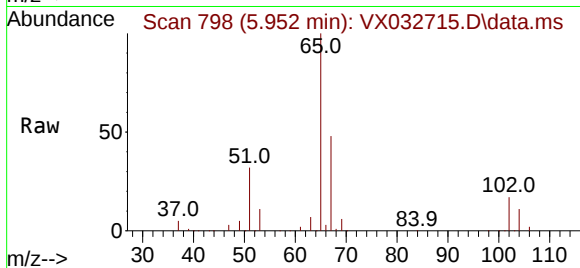
PL-05-110722ME

Tgt Ion: 65 Resp: 91618

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032715.D

Acq: 10 Nov 2022 08:22

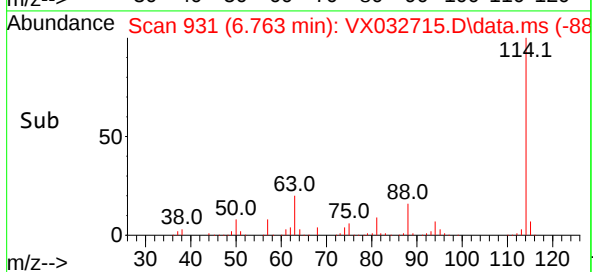
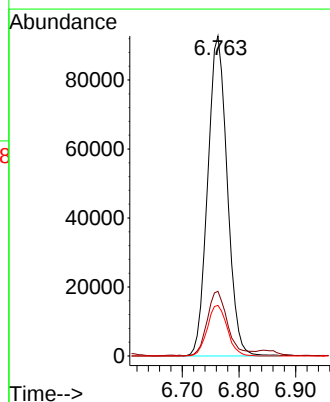
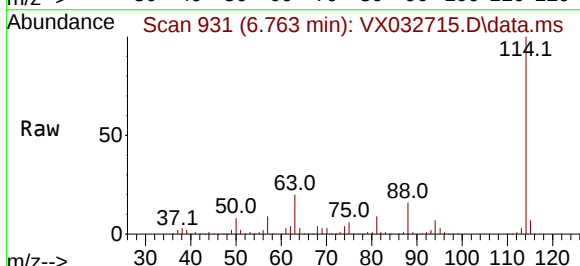
Tgt Ion: 114 Resp: 221806

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 15.8 0.0 33.4

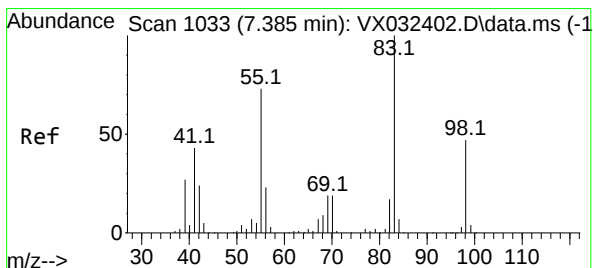
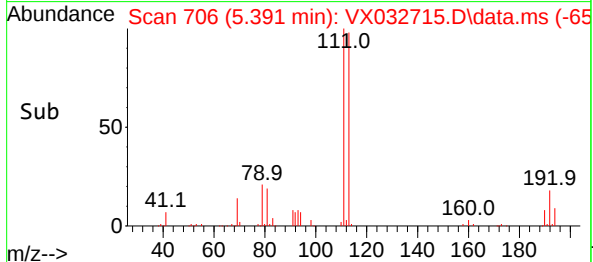
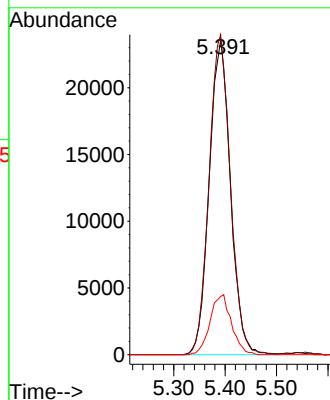
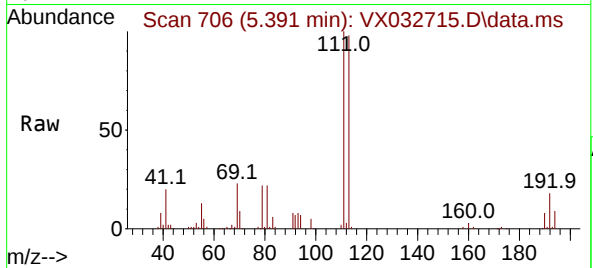




#35
Dibromofluoromethane
Concen: 42.788 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

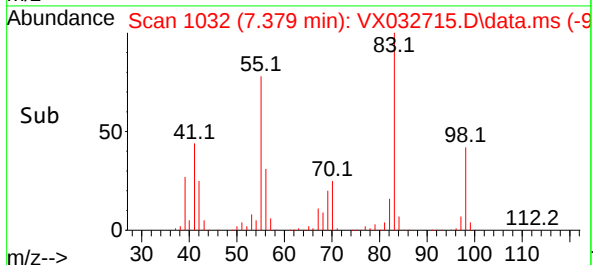
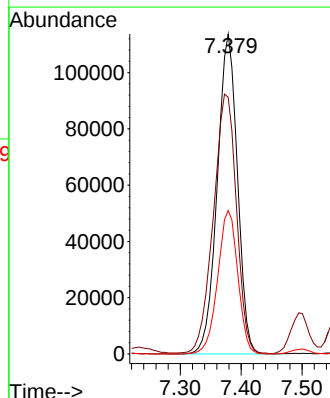
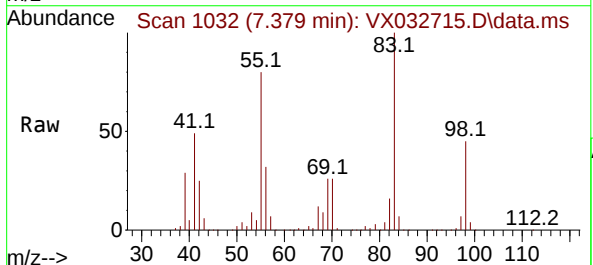
Instrument :
MSVOA_X
ClientSampleId :
PL-05-110722ME

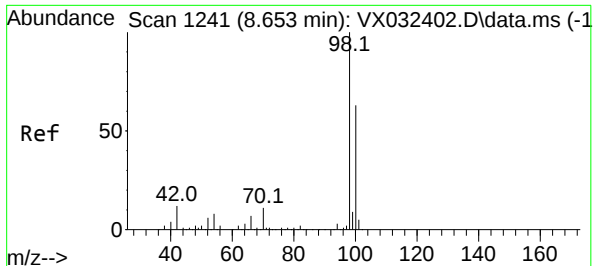
Tgt Ion:113 Resp: 67697
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.2 15.4 23.2



#39
Methylcyclohexane
Concen: 100.001 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

Tgt Ion: 83 Resp: 260680
Ion Ratio Lower Upper
83 100
55 79.8 58.4 87.6
98 44.8 37.2 55.8

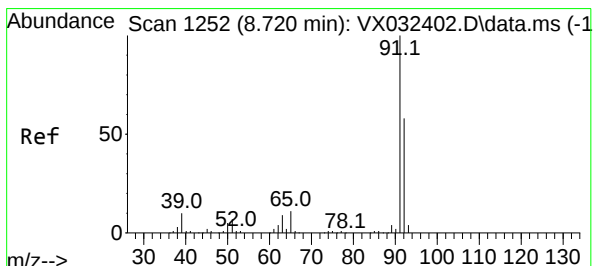
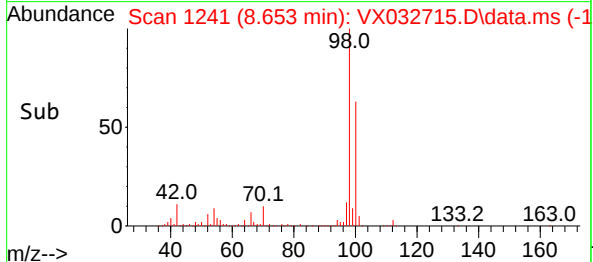
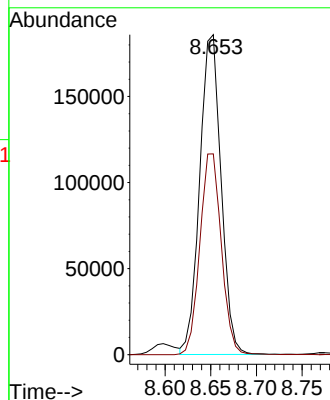
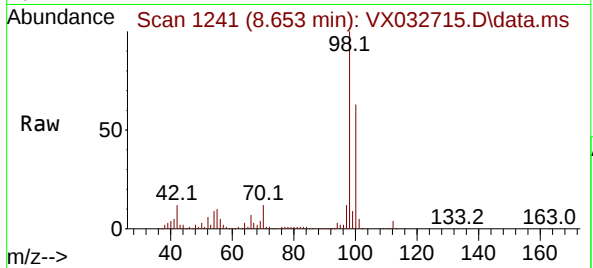




#50
Toluene-d8
Concen: 54.843 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

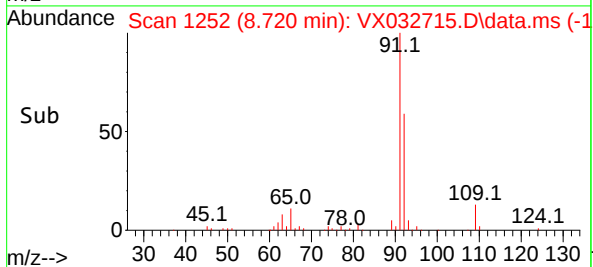
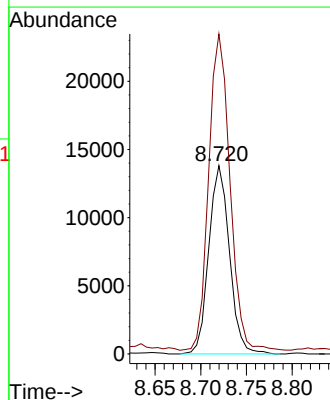
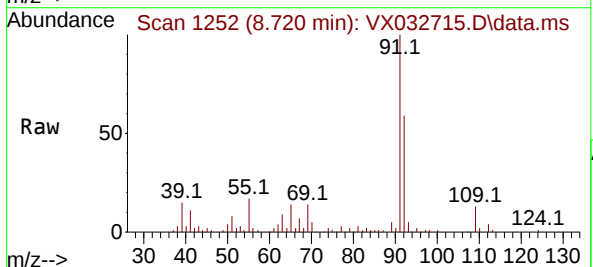
Instrument :
MSVOA_X
ClientSampleId :
PL-05-110722ME

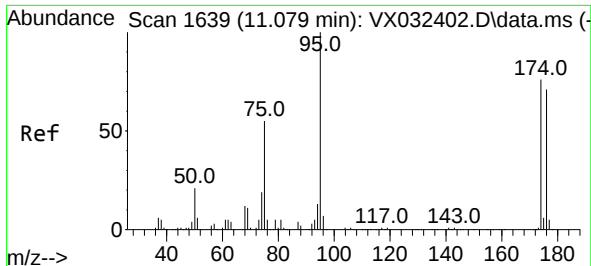
Tgt Ion: 98 Resp: 301719
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#52
Toluene
Concen: 5.334 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

Tgt Ion: 92 Resp: 21696
Ion Ratio Lower Upper
92 100
91 171.4 138.3 207.5

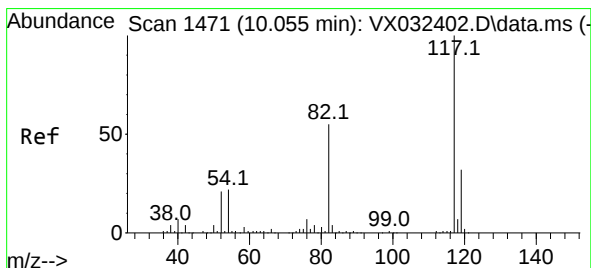
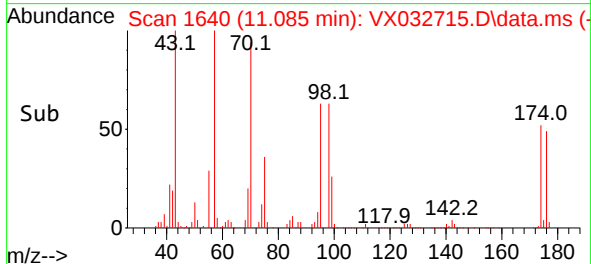
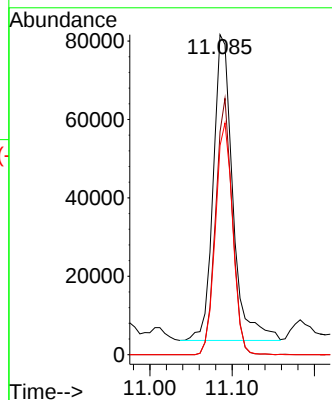
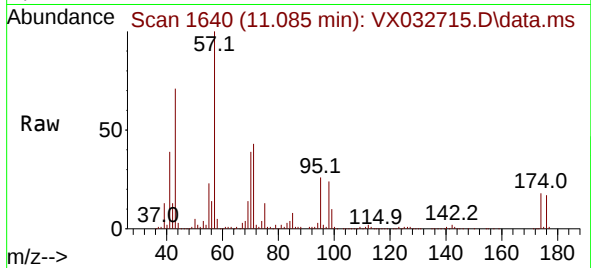




#62
4-Bromofluorobenzene
Concen: 59.857 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

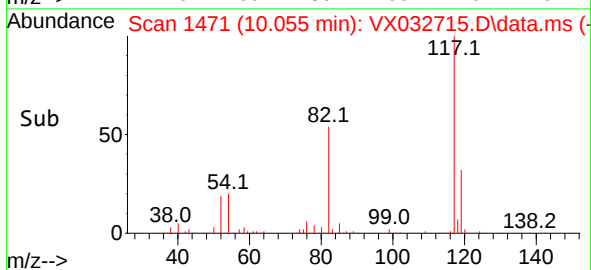
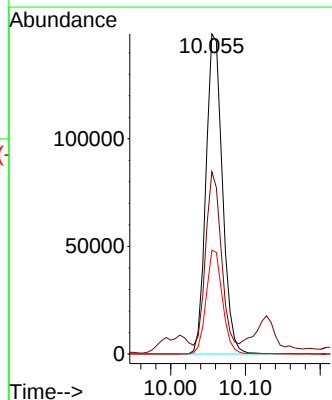
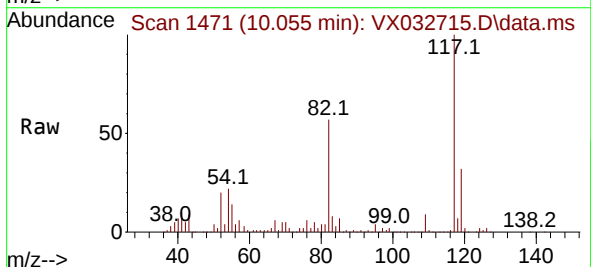
Instrument :
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ClientSampleId :
PL-05-110722ME

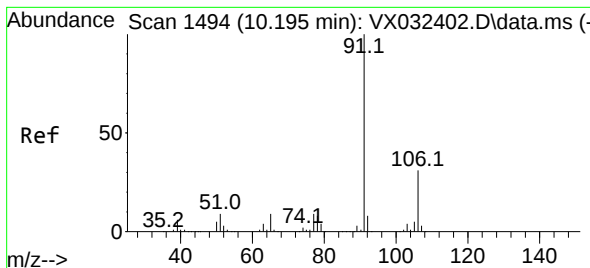
Tgt Ion: 95 Resp: 128634
Ion Ratio Lower Upper
95 100
174 71.8 0.0 164.0
176 67.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

Tgt Ion: 117 Resp: 227589
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.4 25.7 38.5

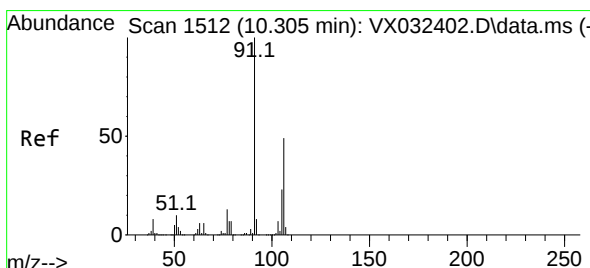
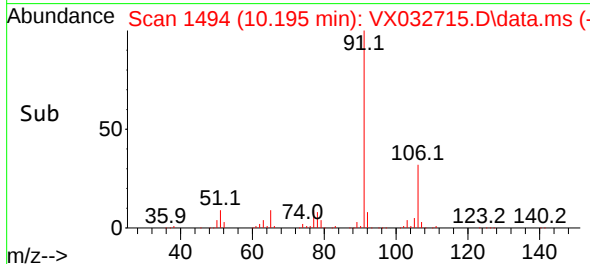
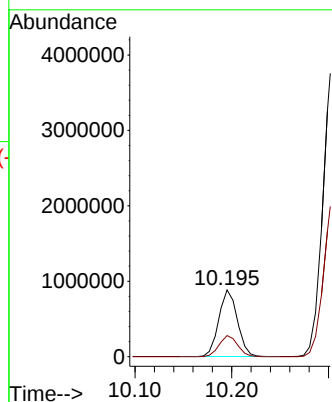
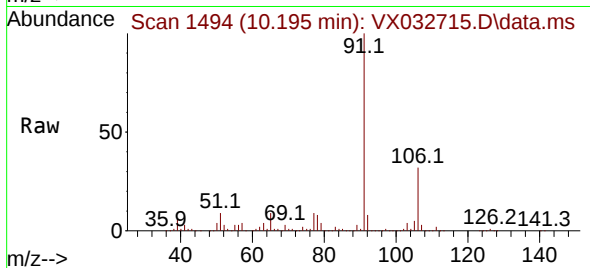




#67
Ethyl Benzene
Concen: 128.800 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

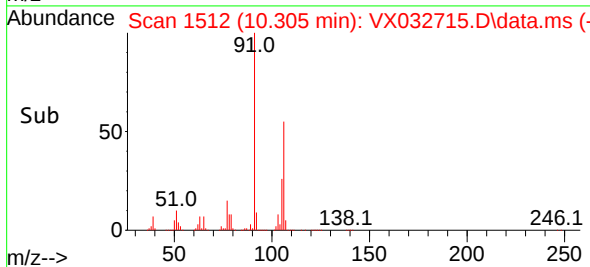
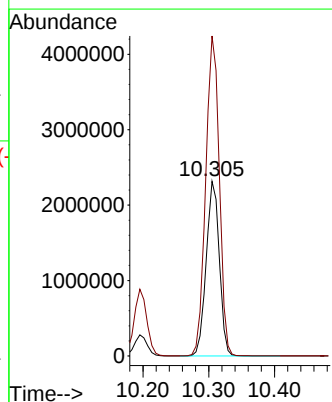
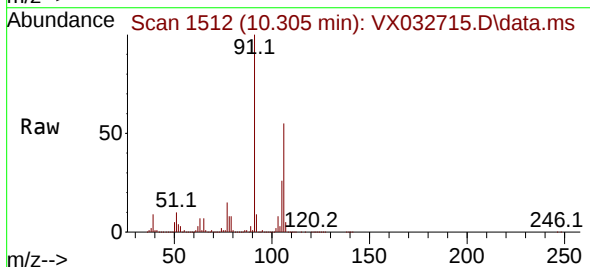
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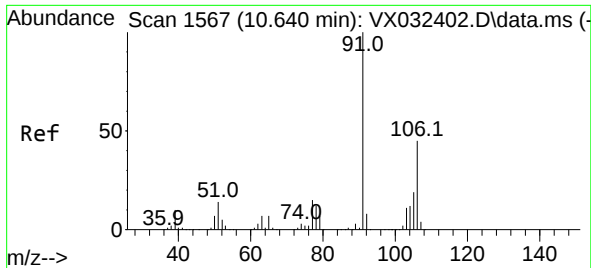
Tgt Ion: 91 Resp: 1174218
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 907.903 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

Tgt Ion:106 Resp: 3214017
Ion Ratio Lower Upper
106 100
91 189.7 164.5 246.7

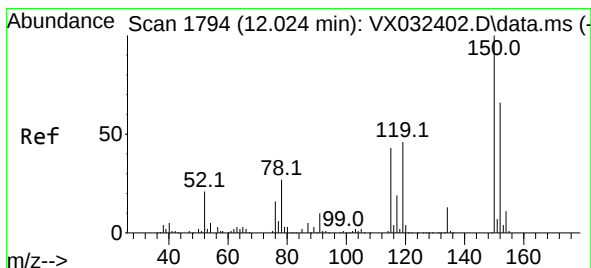
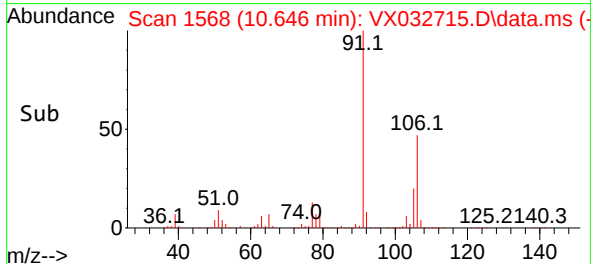
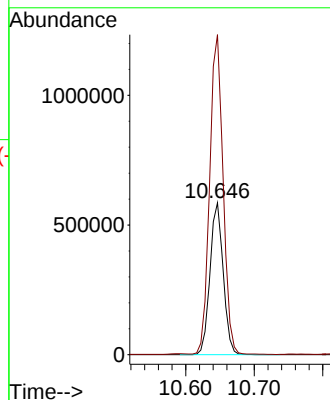
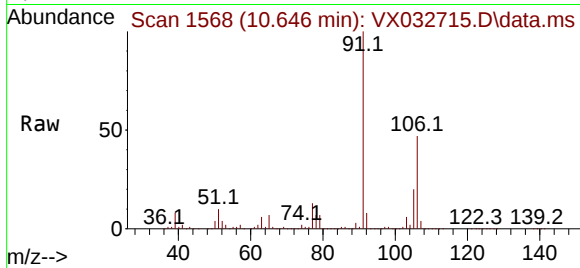




#69
o-Xylene
Concen: 227.863 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

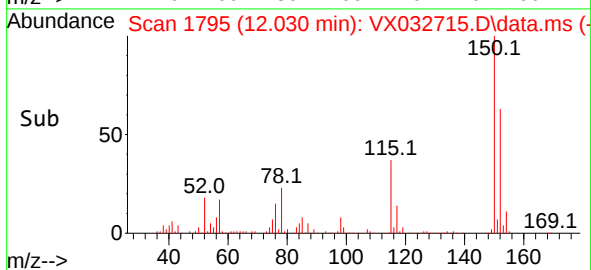
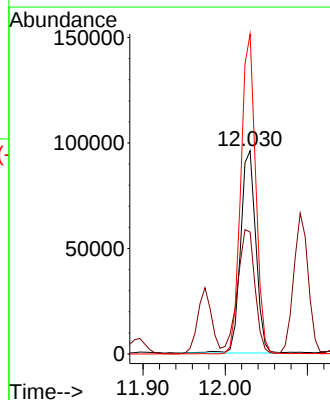
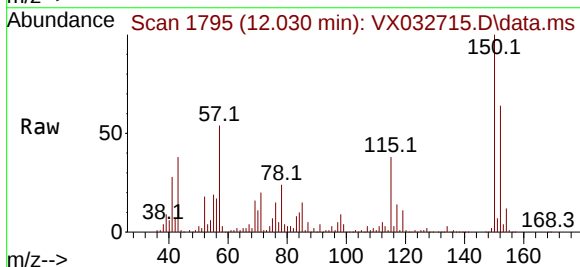
Instrument :
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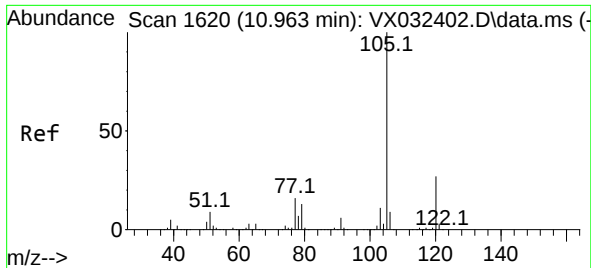
Tgt Ion:106 Resp: 784278
Ion Ratio Lower Upper
106 100
91 215.0 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

Tgt Ion:152 Resp: 123326
Ion Ratio Lower Upper
152 100
115 70.2 44.0 132.0
150 153.7 0.0 351.8

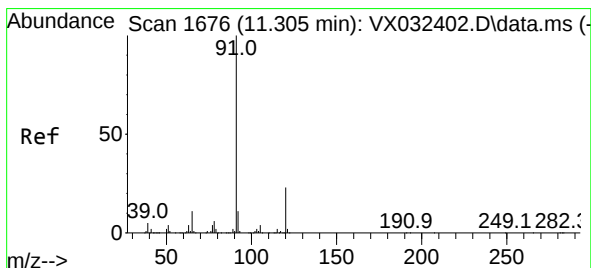
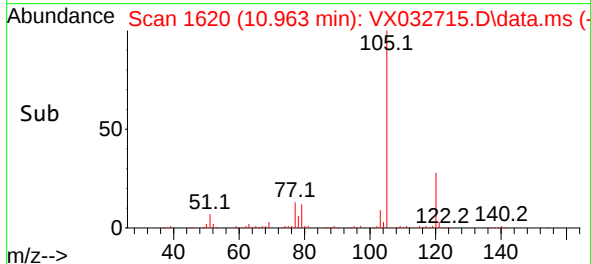
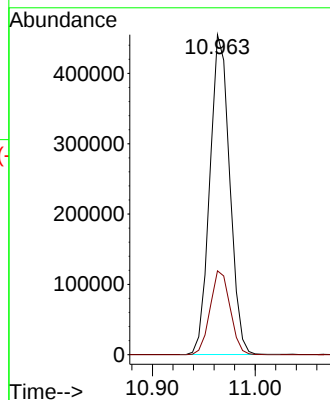
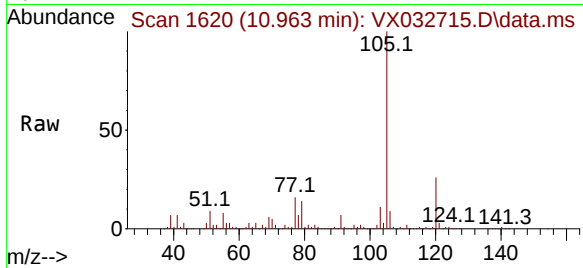




#73
Isopropylbenzene
Concen: 62.386 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

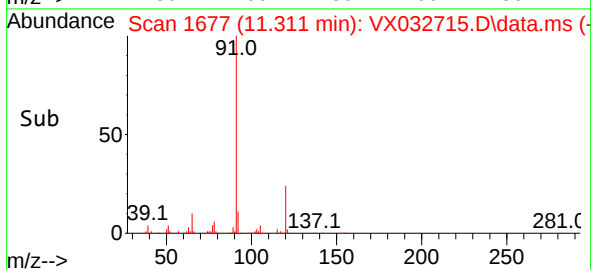
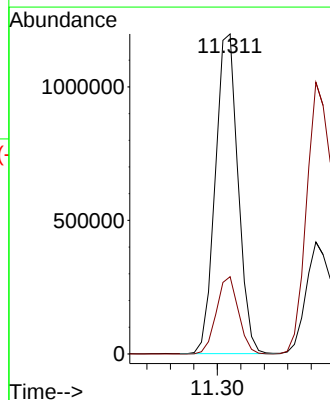
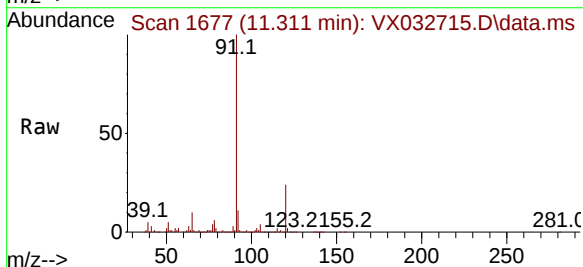
Instrument :
MSVOA_X
ClientSampleId :
PL-05-110722ME

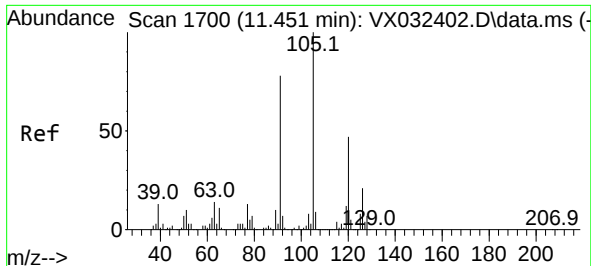
Tgt Ion:105 Resp: 609668
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#78
n-propylbenzene
Concen: 143.110 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

Tgt Ion: 91 Resp: 1611324
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8

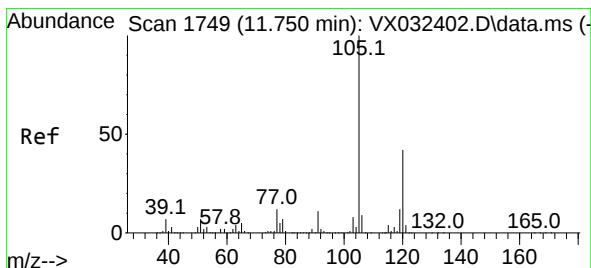
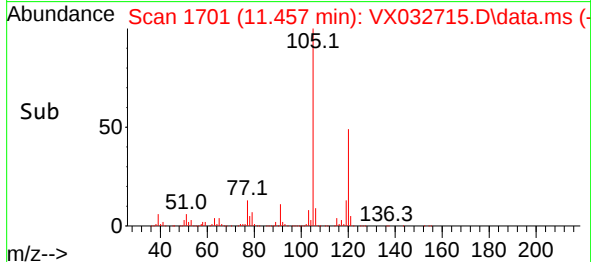
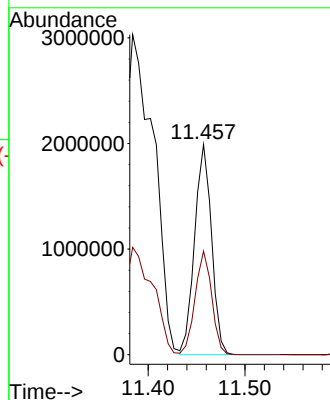
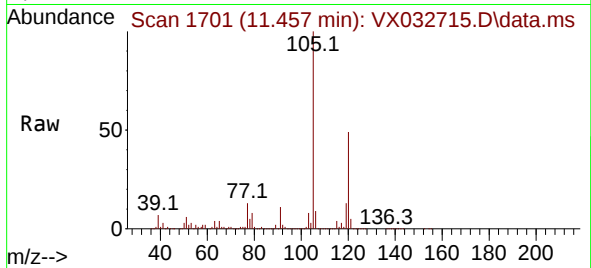




#80
 1,3,5-Trimethylbenzene
 Concen: 289.518 ug/l
 RT: 11.457 min Scan# 1700
 Delta R.T. 0.006 min
 Lab File: VX032715.D
 Acq: 10 Nov 2022 08:22

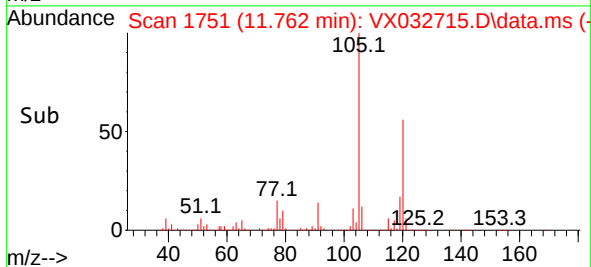
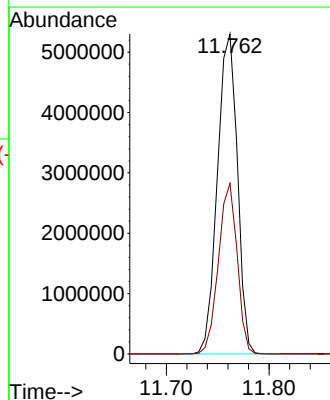
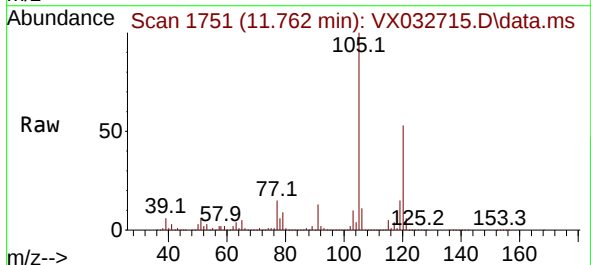
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-05-110722ME

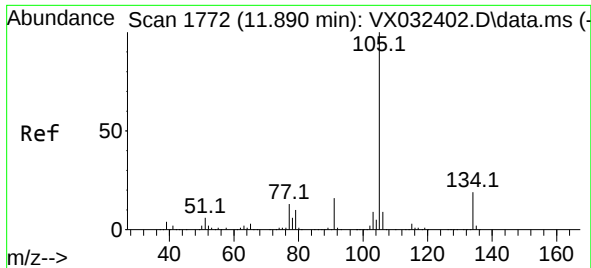
Tgt Ion:105 Resp: 2418128
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.6 71.0



#84
 1,2,4-Trimethylbenzene
 Concen: 859.984 ug/l
 RT: 11.762 min Scan# 1751
 Delta R.T. 0.012 min
 Lab File: VX032715.D
 Acq: 10 Nov 2022 08:22

Tgt Ion:105 Resp: 7144017
 Ion Ratio Lower Upper
 105 100
 120 50.0 21.9 65.5

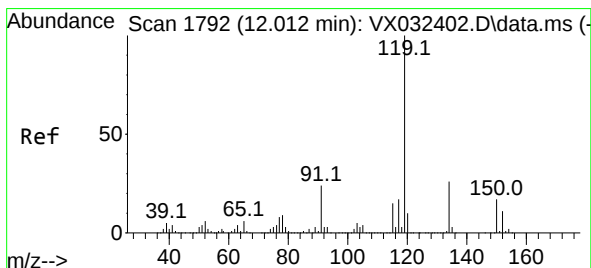
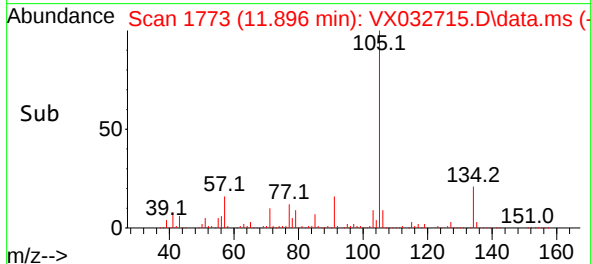
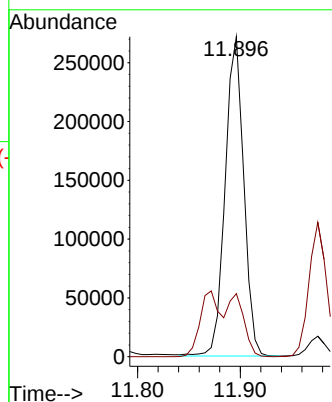
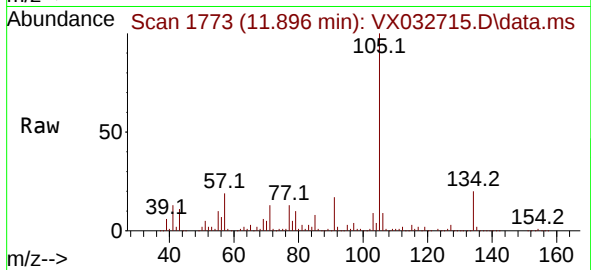




#85
sec-Butylbenzene
Concen: 33.895 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

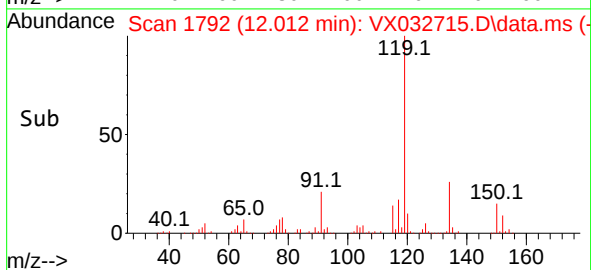
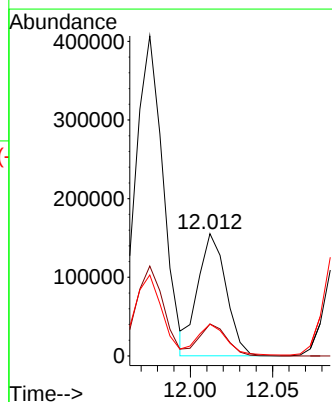
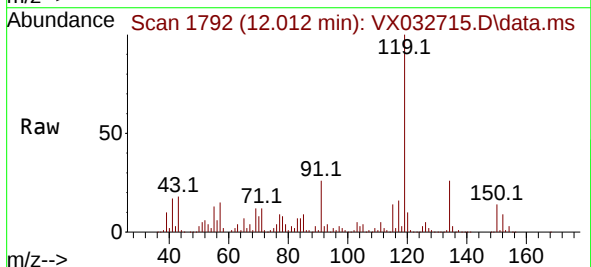
Instrument :
MSVOA_X
ClientSampleId :
PL-05-110722ME

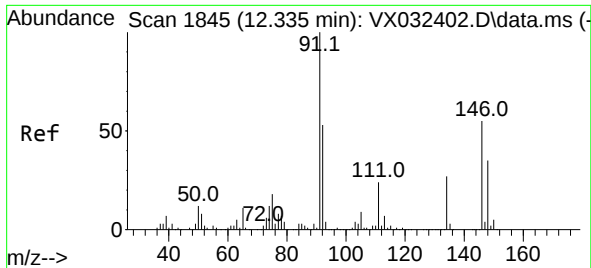
Tgt Ion:105 Resp: 340090
Ion Ratio Lower Upper
105 100
134 16.7 9.9 29.7



#86
p-Isopropyltoluene
Concen: 21.812 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

Tgt Ion:119 Resp: 185706
Ion Ratio Lower Upper
119 100
134 26.2 12.9 38.7
91 25.7 12.5 37.5

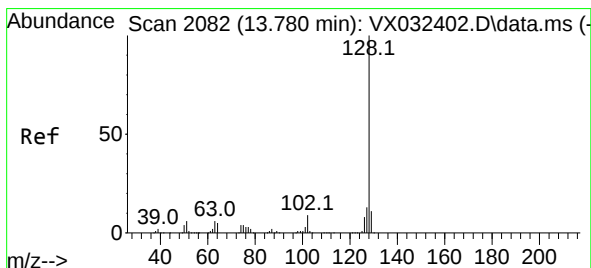
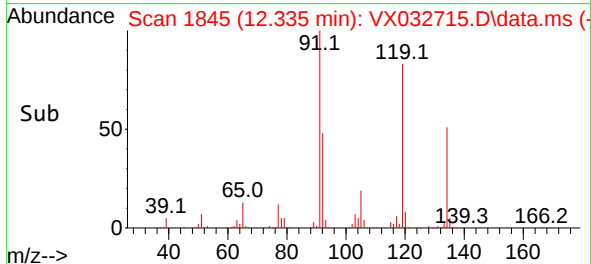
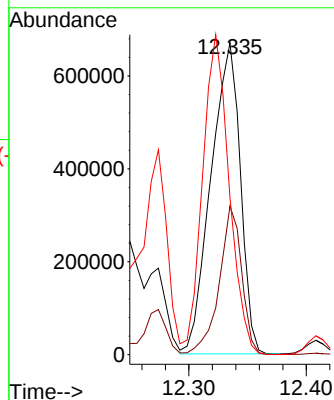
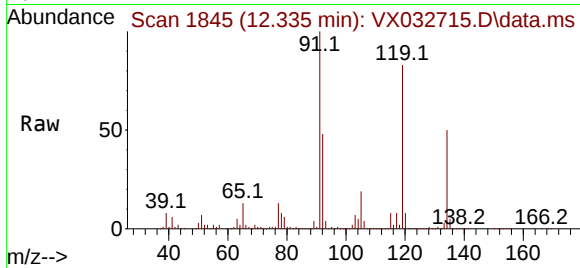




#89
n-Butylbenzene
Concen: 156.837 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

Instrument :
MSVOA_X
ClientSampleId :
PL-05-110722ME

Tgt Ion: 91 Resp: 1161664
Ion Ratio Lower Upper
91 100
92 36.6 26.2 78.6
134 92.9 12.9 38.6#



#95
Naphthalene
Concen: 124.683 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032715.D
Acq: 10 Nov 2022 08:22

Tgt Ion:128 Resp: 1207150
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.5 8.9 13.3

