

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032293.D
 Acq On : 21 Oct 2022 16:56
 Operator : JC/MD
 Sample : N5187-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1226RE

Quant Time: Oct 22 05:12:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

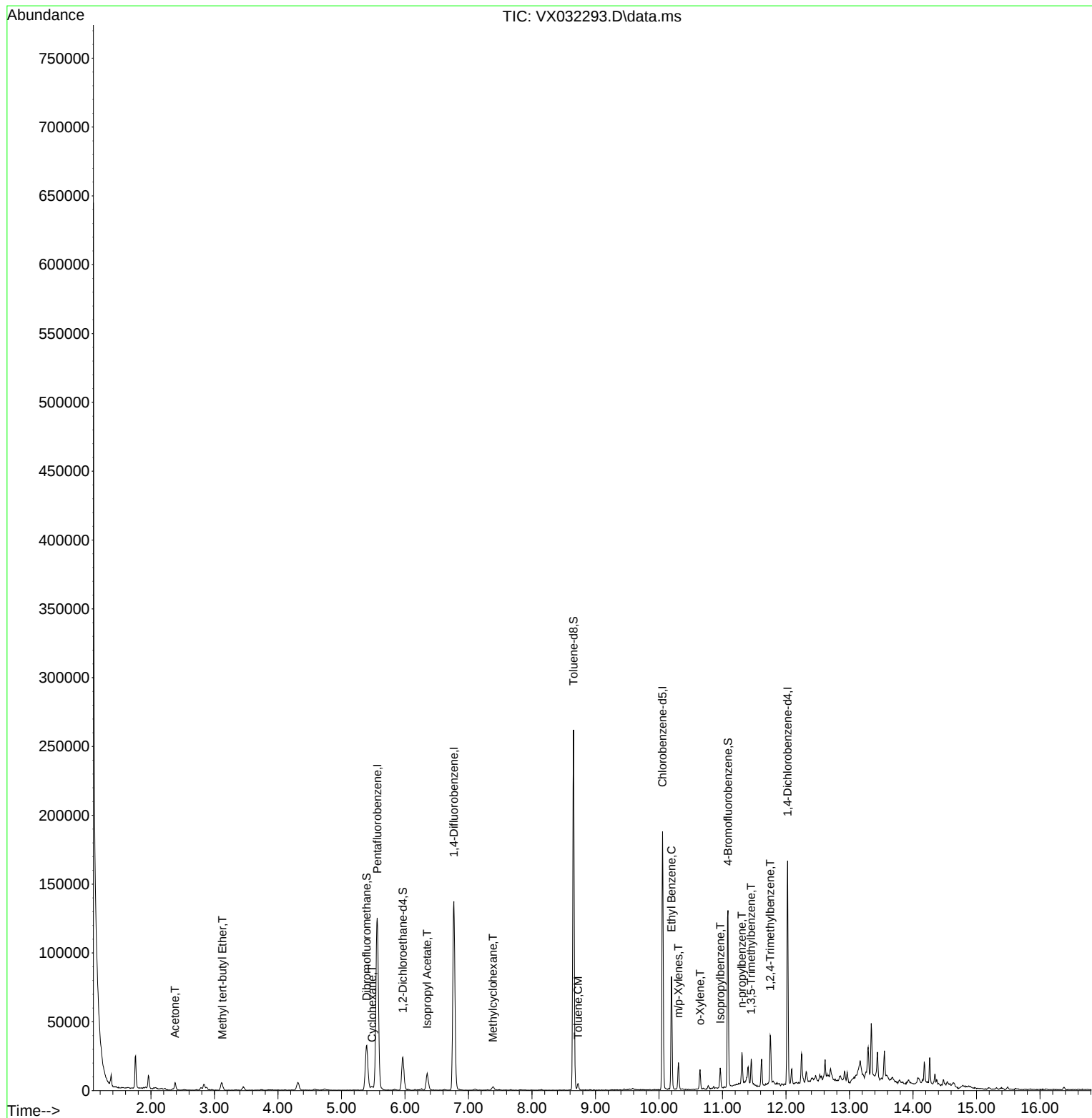
Internal Standards						
1) Pentafluorobenzene	5.562	168	117393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	138474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	81804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	24172	15.828	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	31.660%#		
35) Dibromofluoromethane	5.397	113	28202	29.267	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	58.540%#		
50) Toluene-d8	8.653	98	149956	43.232	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.460%#		
62) 4-Bromofluorobenzene	11.085	95	33473	26.353	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	52.700%#		
Target Compounds						
16) Acetone	2.380	43	6233	12.577	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	2762	0.765	ug/l #	1
31) Cyclohexane	5.483	56	2052	1.175	ug/l #	91
39) Methylcyclohexane	7.385	83	1132	0.764	ug/l	86
43) Isopropyl Acetate	6.348	43	16396	8.608	ug/l	97
52) Toluene	8.726	92	1850	0.795	ug/l	94
67) Ethyl Benzene	10.195	91	46095	15.523	ug/l	97
68) m/p-Xylenes	10.305	106	4407	3.758	ug/l	97
69) o-Xylene	10.647	106	2962	2.637	ug/l	91
73) Isopropylbenzene	10.964	105	7317	3.113	ug/l	97
78) n-propylbenzene	11.305	91	13241	4.920	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	7527	3.708	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	15658	7.933	ug/l	99

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

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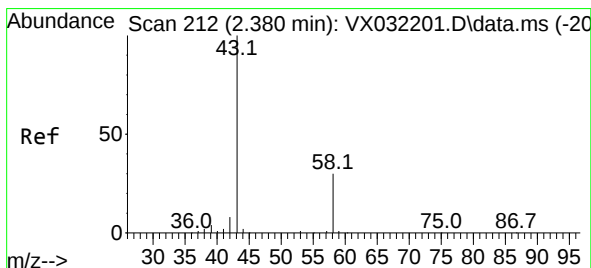
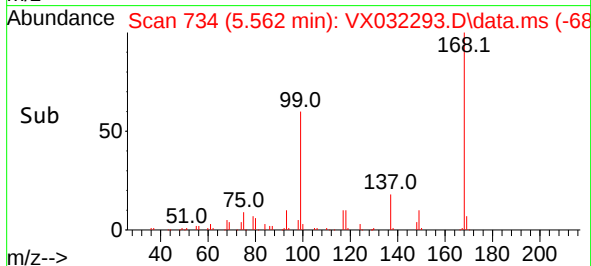
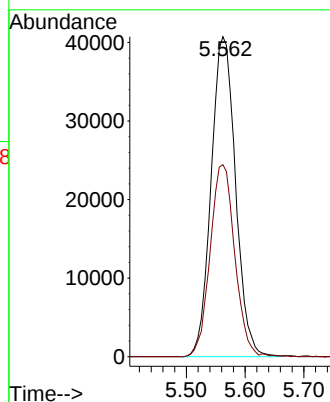
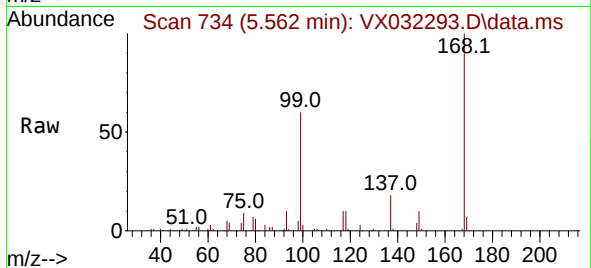




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

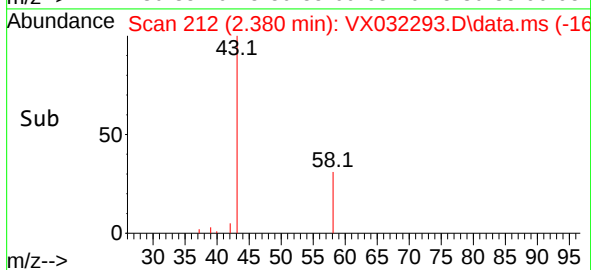
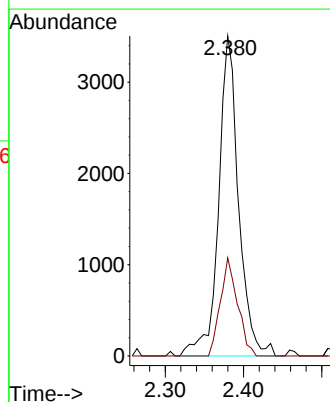
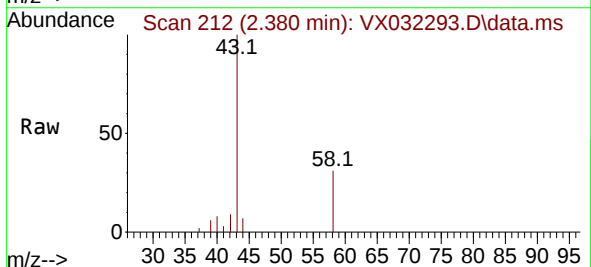
Instrument :
MSVOA_X
ClientSampleId :
BUR-1226RE

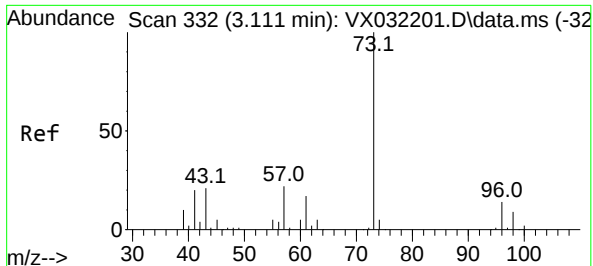
Tgt Ion:168 Resp: 117393
Ion Ratio Lower Upper
168 100
99 60.0 44.8 67.2



#16
Acetone
Concen: 12.577 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

Tgt Ion: 43 Resp: 6233
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.2





#19

Methyl tert-butyl Ether

Concen: 0.765 ug/l

RT: 3.123 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX032293.D

Acq: 21 Oct 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

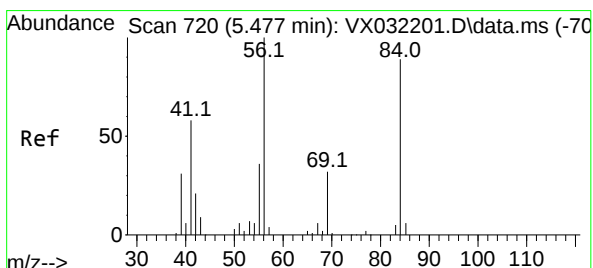
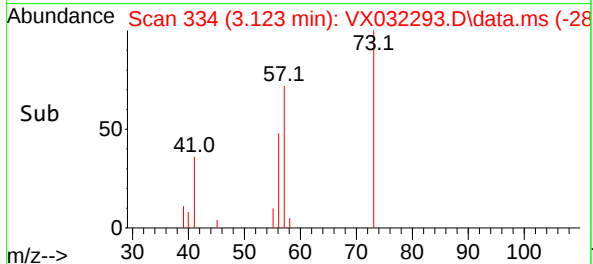
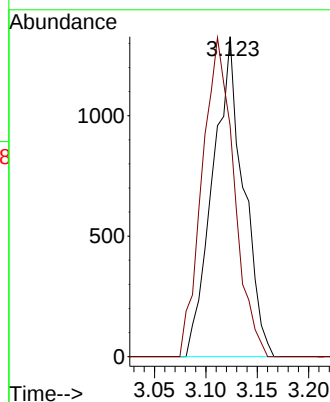
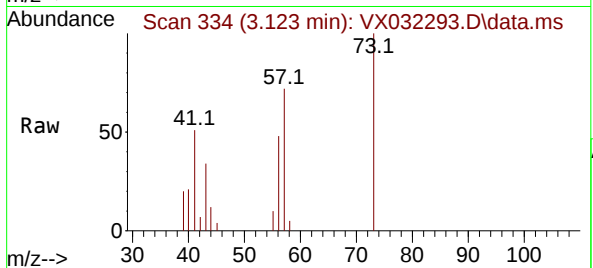
BUR-1226RE

Tgt Ion: 73 Resp: 2762

Ion Ratio Lower Upper

73 100

57 72.2 17.4 26.2#



#31

Cyclohexane

Concen: 1.175 ug/l

RT: 5.483 min Scan# 721

Delta R.T. 0.006 min

Lab File: VX032293.D

Acq: 21 Oct 2022 16:56

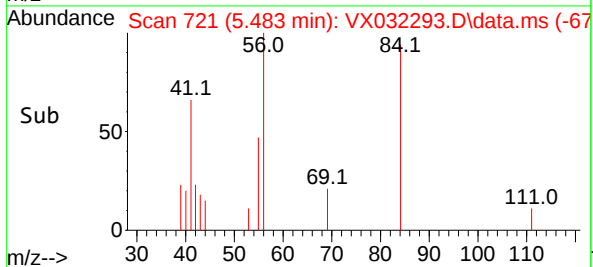
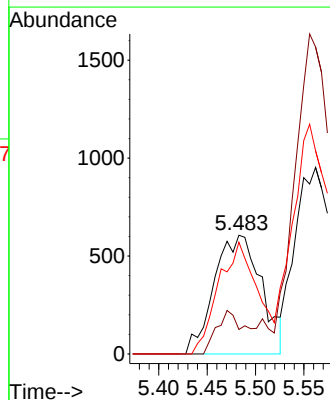
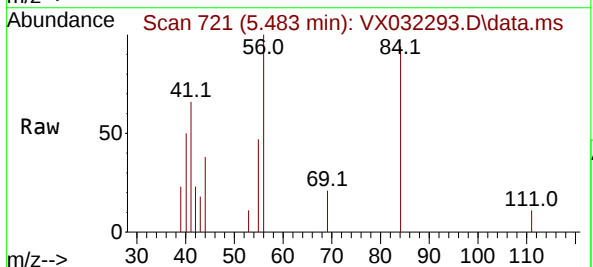
Tgt Ion: 56 Resp: 2052

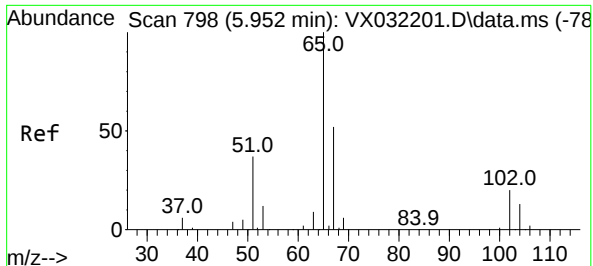
Ion Ratio Lower Upper

56 100

69 20.6 25.4 38.0#

84 94.1 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 15.828 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX032293.D

Acq: 21 Oct 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

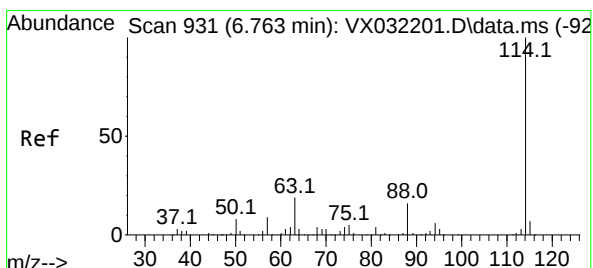
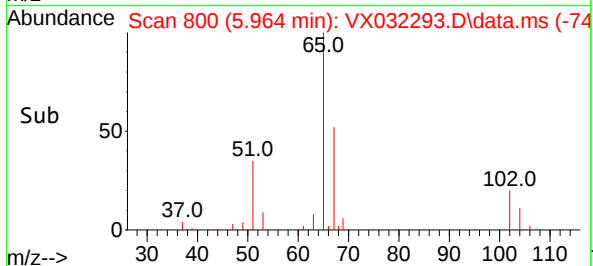
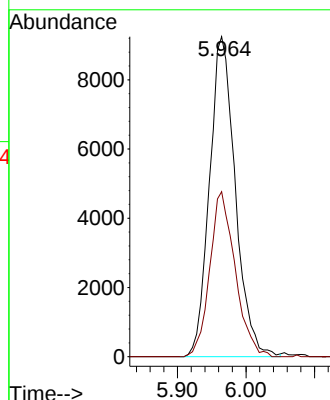
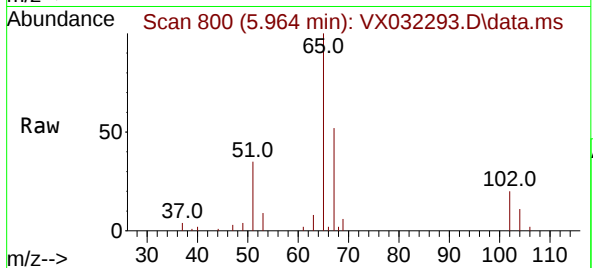
BUR-1226RE

Tgt Ion: 65 Resp: 24172

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX032293.D

Acq: 21 Oct 2022 16:56

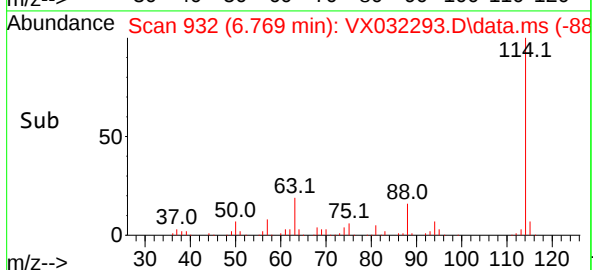
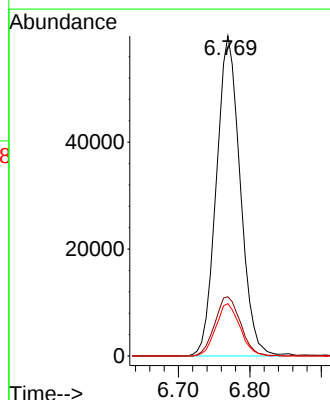
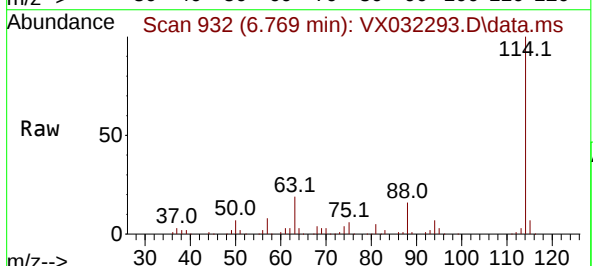
Tgt Ion: 114 Resp: 138474

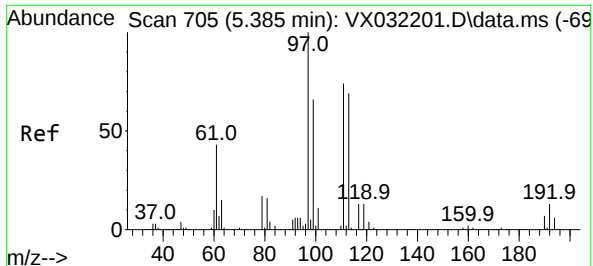
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.6

88 16.4 0.0 32.6

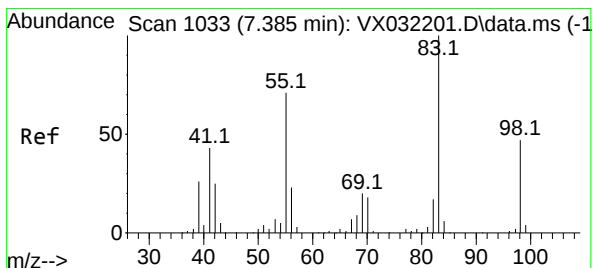
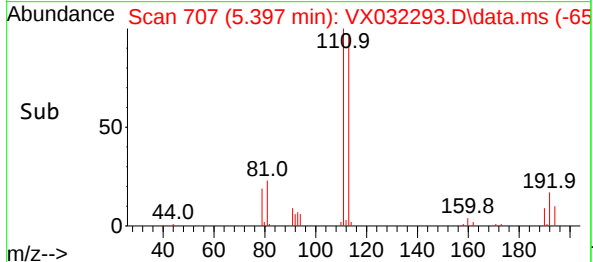
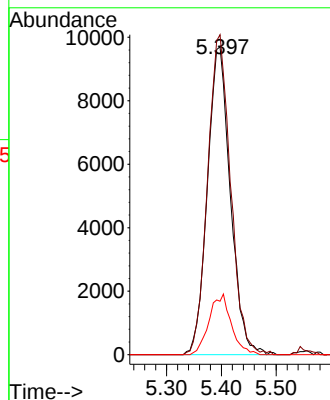
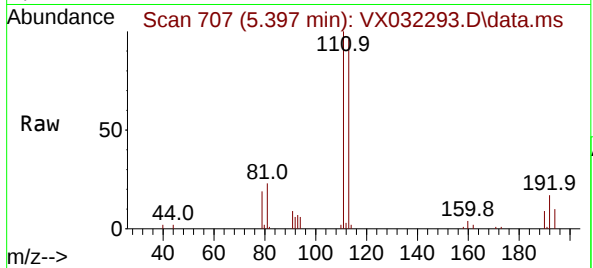




#35
Dibromofluoromethane
Concen: 29.267 ug/l
RT: 5.397 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

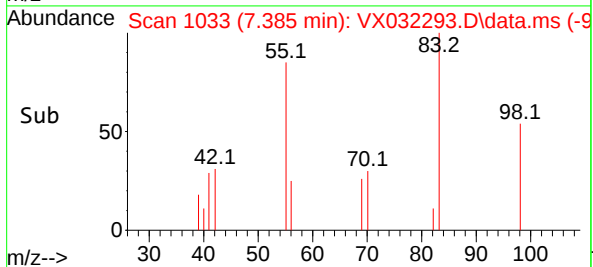
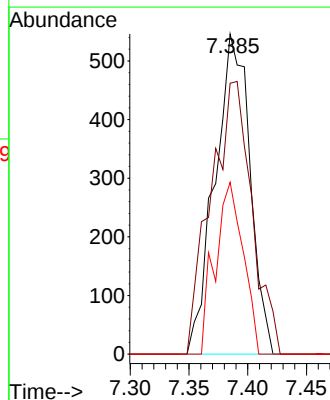
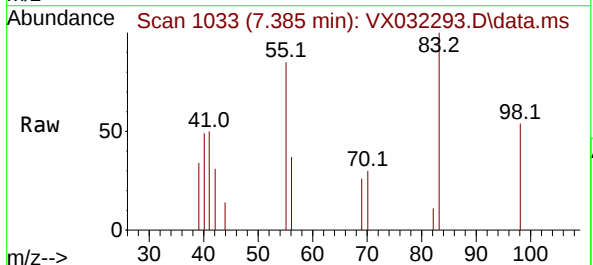
Instrument :
MSVOA_X
ClientSampleId :
BUR-1226RE

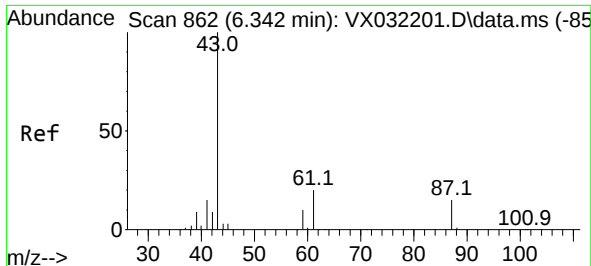
Tgt Ion:113 Resp: 28202
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 19.0 15.5 23.3



#39
Methylcyclohexane
Concen: 0.764 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

Tgt Ion: 83 Resp: 1132
Ion Ratio Lower Upper
83 100
55 84.6 56.6 85.0
98 53.7 37.4 56.0

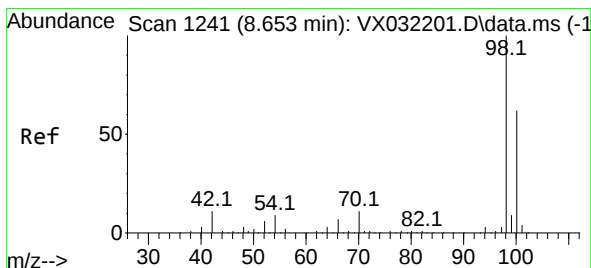
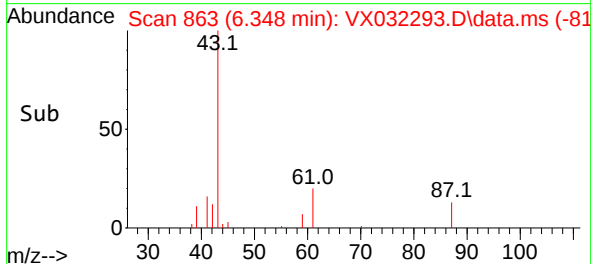
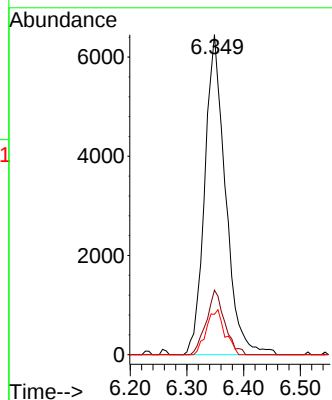
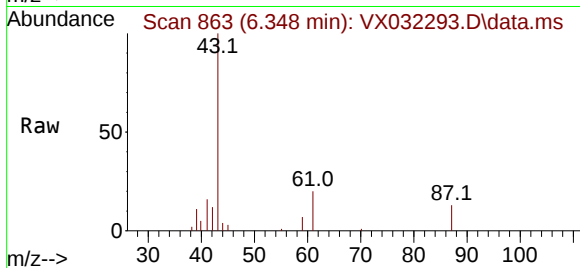




#43
Isopropyl Acetate
Concen: 8.608 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

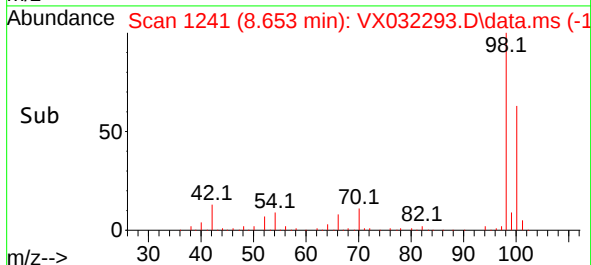
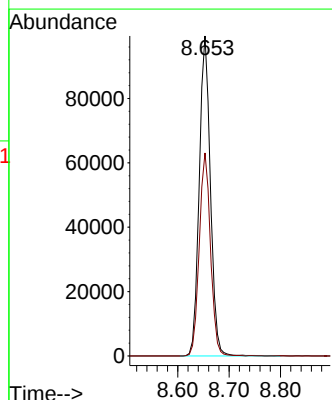
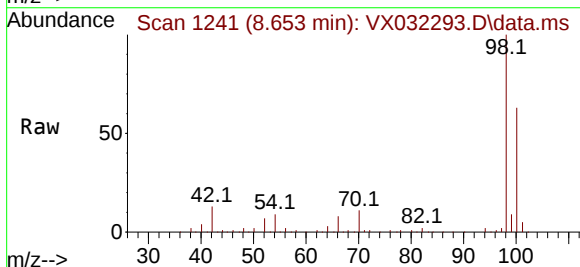
Instrument :
MSVOA_X
ClientSampleId :
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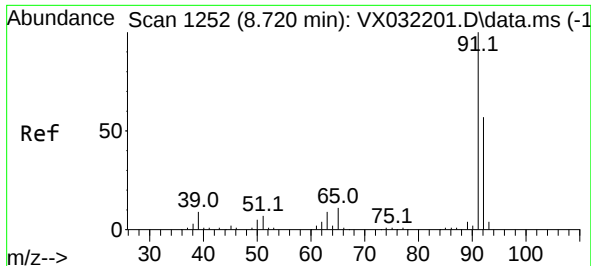
Tgt Ion: 43 Resp: 16396
Ion Ratio Lower Upper
43 100
61 17.9 15.5 23.3
87 12.4 11.0 16.6



#50
Toluene-d8
Concen: 43.232 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

Tgt Ion: 98 Resp: 149956
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1





#52

Toluene

Concen: 0.795 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX032293.D

Acq: 21 Oct 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

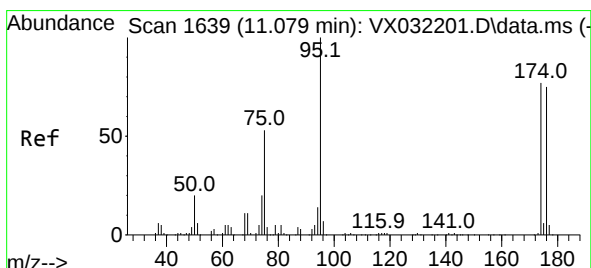
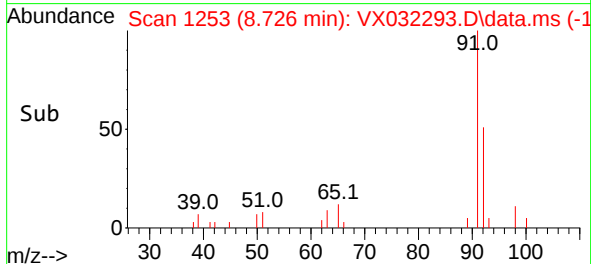
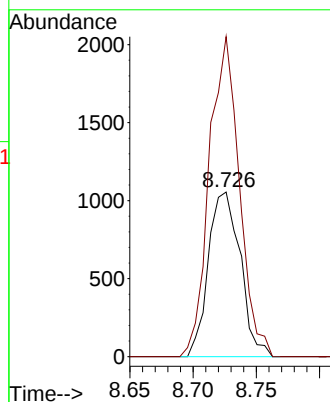
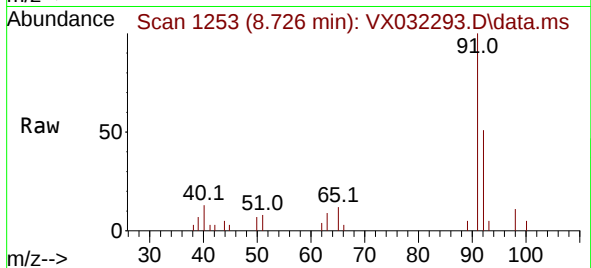
BUR-1226RE

Tgt Ion: 92 Resp: 1850

Ion Ratio Lower Upper

92 100

91 183.4 140.3 210.5



#62

4-Bromofluorobenzene

Concen: 26.353 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX032293.D

Acq: 21 Oct 2022 16:56

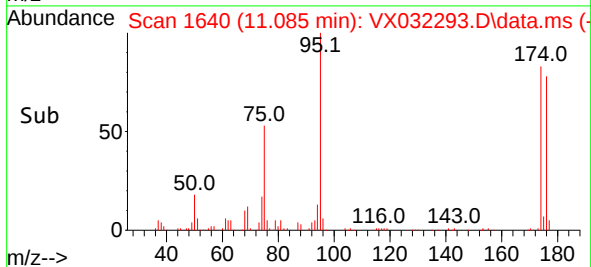
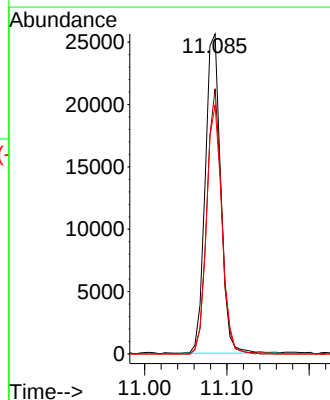
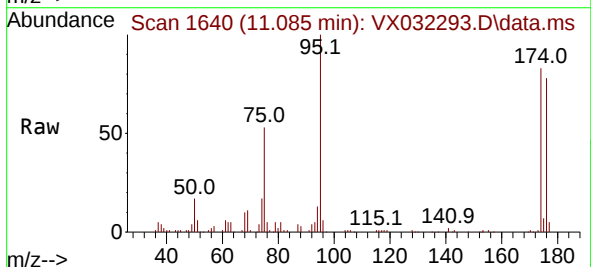
Tgt Ion: 95 Resp: 33473

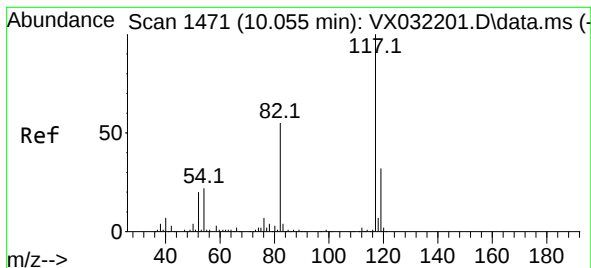
Ion Ratio Lower Upper

95 100

174 79.8 0.0 166.8

176 77.2 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032293.D

Acq: 21 Oct 2022 16:56

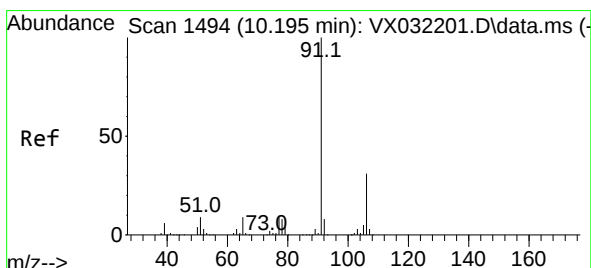
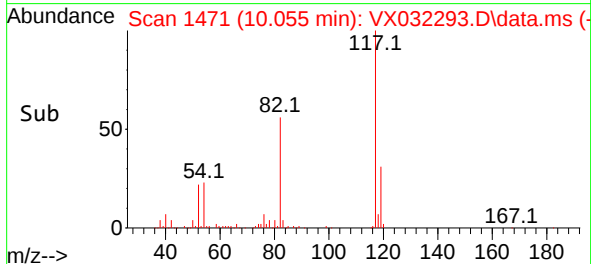
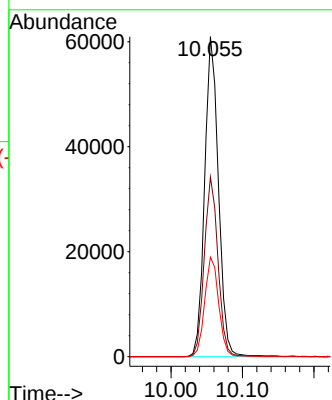
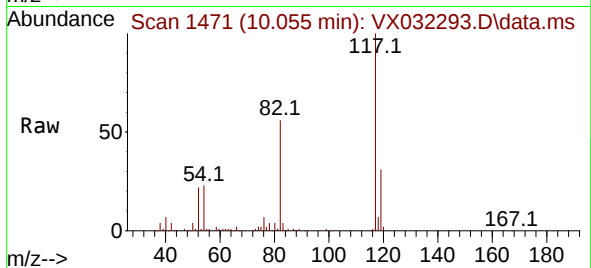
Instrument :

MSVOA_X

ClientSampleId :

BUR-1226RE

Tgt Ion:	117	Resp:	81804
Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.2	66.4
119	31.1	25.8	38.8



#67

Ethyl Benzene

Concen: 15.523 ug/l

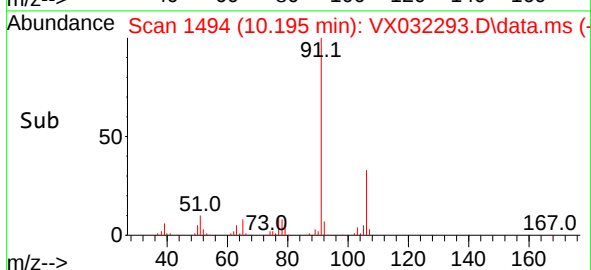
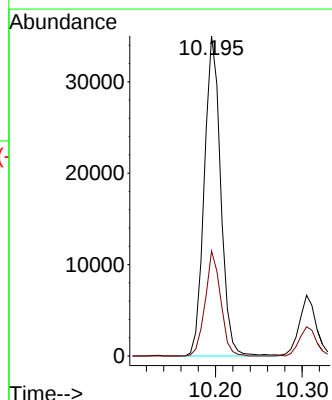
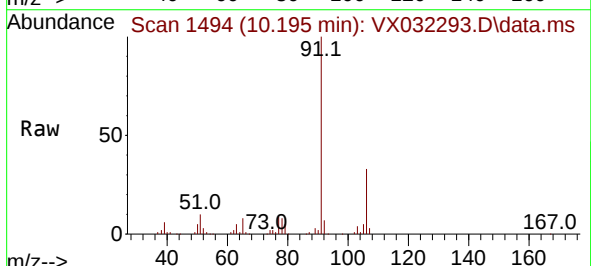
RT: 10.195 min Scan# 1494

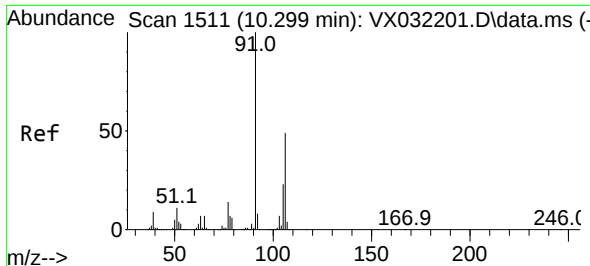
Delta R.T. 0.000 min

Lab File: VX032293.D

Acq: 21 Oct 2022 16:56

Tgt Ion:	91	Resp:	46095
Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.0	37.4

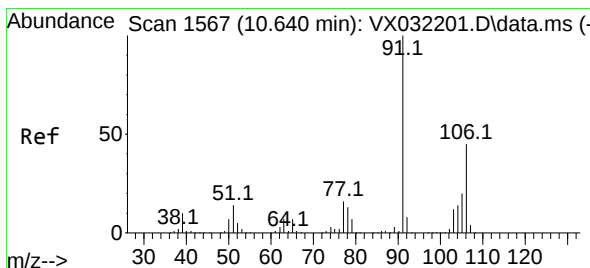
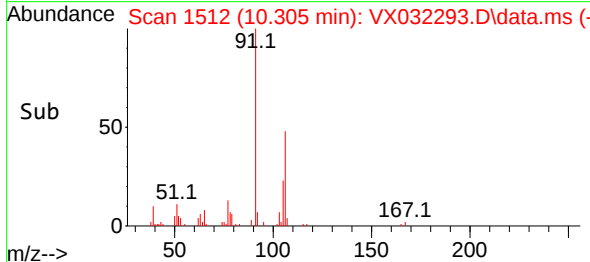
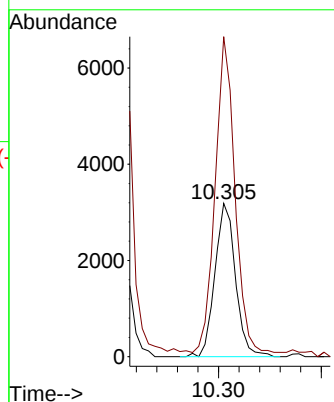
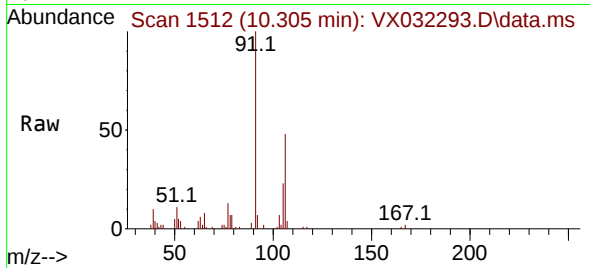




#68
m/p-Xylenes
Concen: 3.758 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

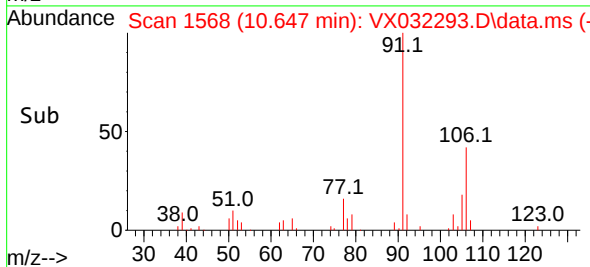
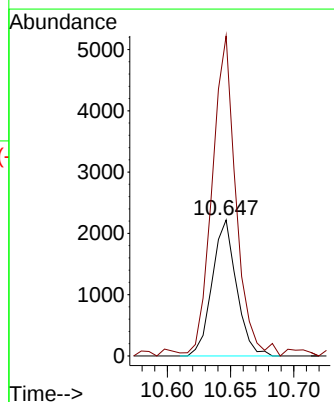
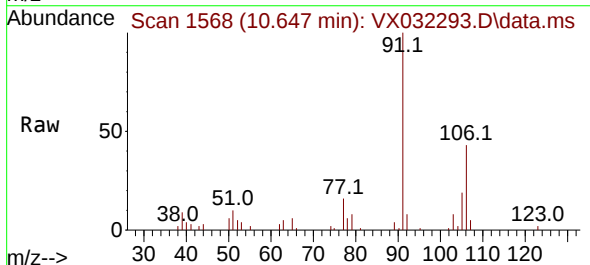
Instrument :
MSVOA_X
ClientSampleId :
BUR-1226RE

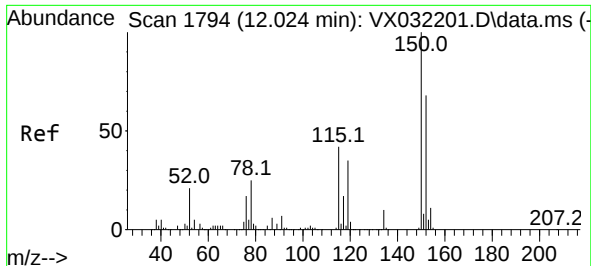
Tgt Ion:106 Resp: 4407
Ion Ratio Lower Upper
106 100
91 198.5 162.6 244.0



#69
o-Xylene
Concen: 2.637 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

Tgt Ion:106 Resp: 2962
Ion Ratio Lower Upper
106 100
91 230.4 108.3 324.9

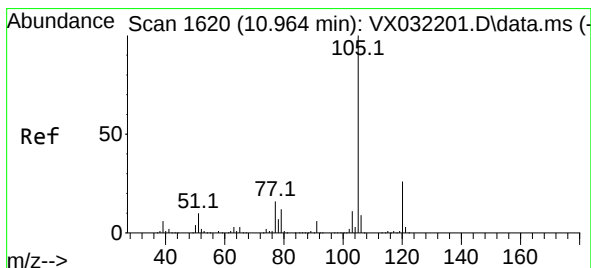
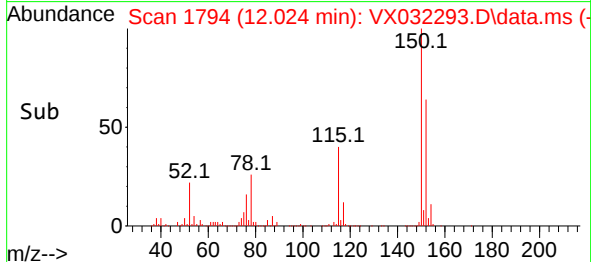
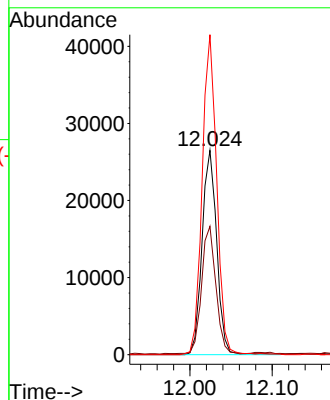
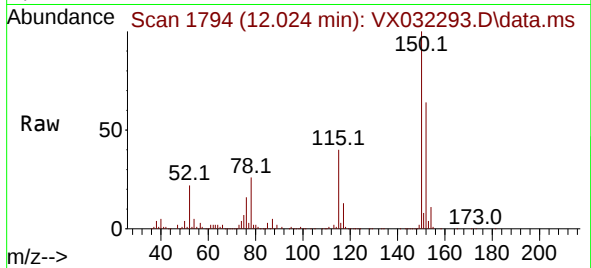




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

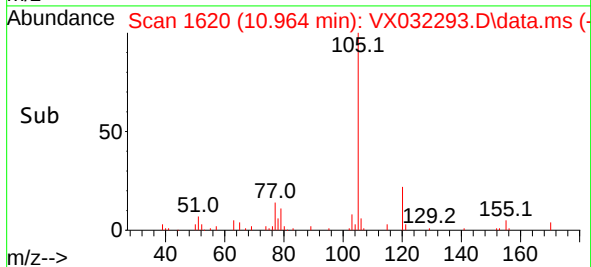
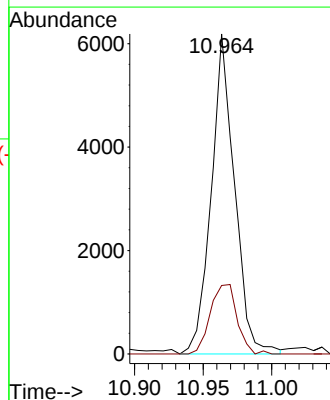
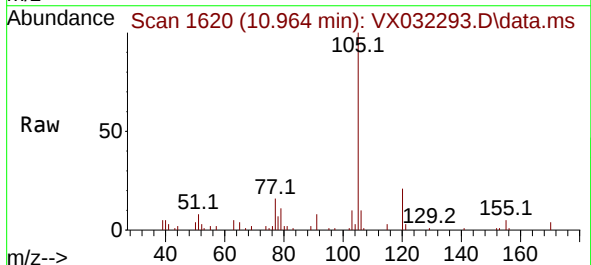
Instrument :
MSVOA_X
ClientSampleId :
BUR-1226RE

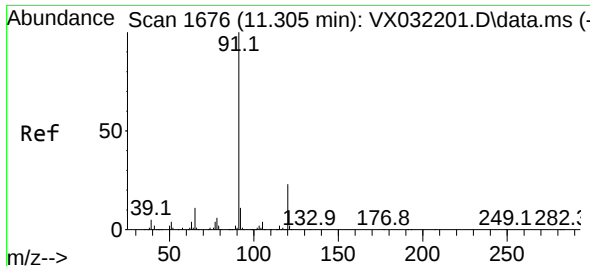
Tgt Ion:152 Resp: 32940
Ion Ratio Lower Upper
152 100
115 60.6 43.1 129.4
150 154.7 0.0 348.6



#73
Isopropylbenzene
Concen: 3.113 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

Tgt Ion:105 Resp: 7317
Ion Ratio Lower Upper
105 100
120 24.9 13.2 39.6

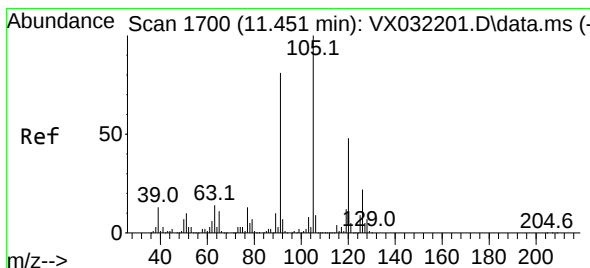
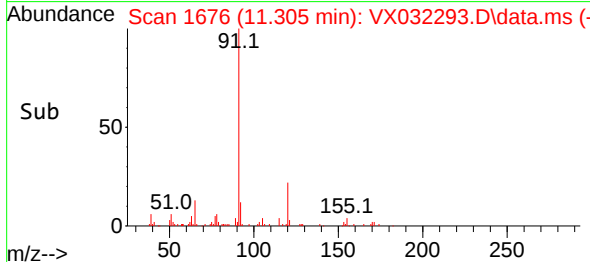
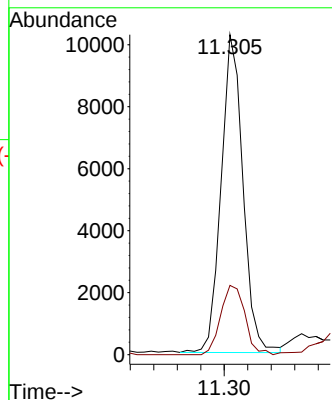
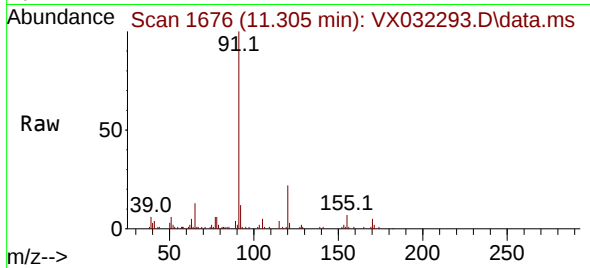




#78
n-propylbenzene
Concen: 4.920 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

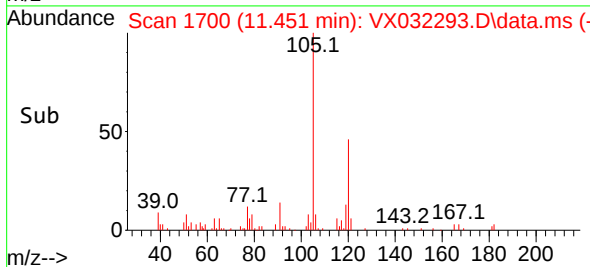
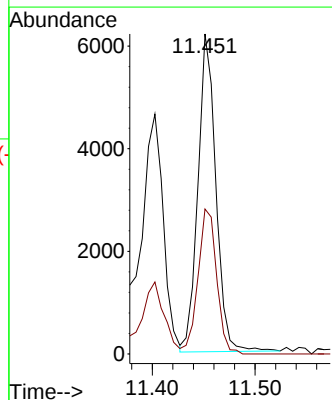
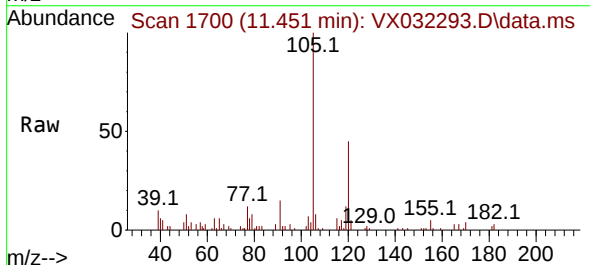
Instrument :
MSVOA_X
ClientSampleId :
BUR-1226RE

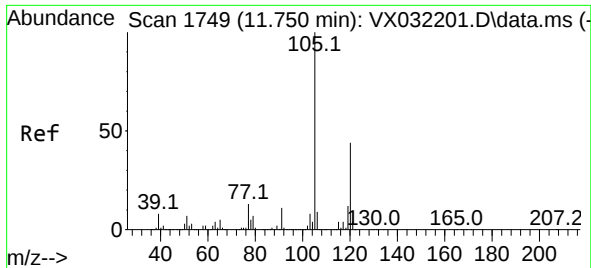
Tgt Ion: 91 Resp: 13241
Ion Ratio Lower Upper
91 100
120 24.1 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 3.708 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032293.D
Acq: 21 Oct 2022 16:56

Tgt Ion: 105 Resp: 7527
Ion Ratio Lower Upper
105 100
120 47.5 23.5 70.6





#84
 1,2,4-Trimethylbenzene
 Concen: 7.933 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032293.D
 Acq: 21 Oct 2022 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1226RE

Tgt Ion:105 Resp: 15658
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.1 66.1

