

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
 Data File : VX032088.D
 Acq On : 12 Oct 2022 16:42
 Operator : JC/MD
 Sample : N5042-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EOR-0631

Quant Time: Oct 13 09:17:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

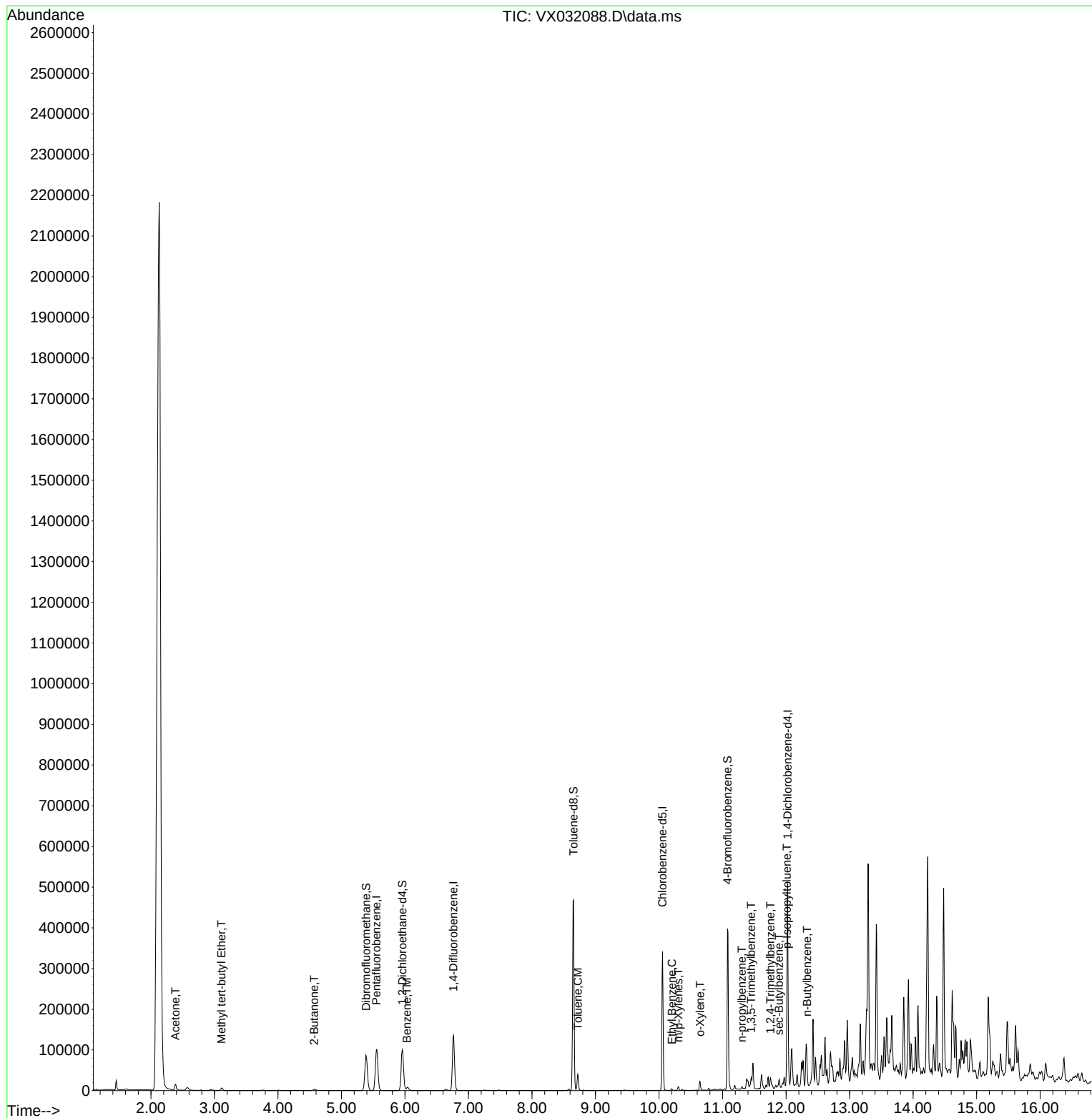
Internal Standards						
1) Pentafluorobenzene	5.549	168	91684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	133940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101243	53.470	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.940%			
35) Dibromofluoromethane	5.385	113	72505	47.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.640%			
50) Toluene-d8	8.653	98	271873	49.834	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.660%			
62) 4-Bromofluorobenzene	11.079	95	102057	52.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.840%			
Target Compounds					Qvalue	
16) Acetone	2.385	43	16976m	26.380	ug/l	
19) Methyl tert-butyl Ether	3.111	73	6551	1.398	ug/l	99
25) 2-Butanone	4.568	43	3199	3.180	ug/l #	76
40) Benzene	6.031	78	9083	1.543	ug/l	97
52) Toluene	8.720	92	14534	3.776	ug/l	94
67) Ethyl Benzene	10.201	91	2471	0.334	ug/l	93
68) m/p-Xylenes	10.305	106	2185	0.742	ug/l	95
69) o-Xylene	10.646	106	4907	1.715	ug/l	95
78) n-propylbenzene	11.305	91	3272	0.402	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	10422	1.755	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	9813	1.627	ug/l	97
85) sec-Butylbenzene	11.890	105	5111	0.702	ug/l	95
86) p-Isopropyltoluene	12.012	119	4278	0.698	ug/l	85
89) n-Butylbenzene	12.329	91	14562	2.839	ug/l #	32

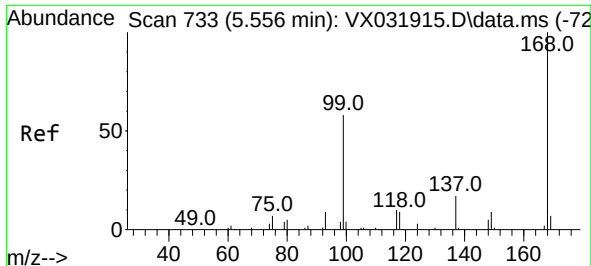
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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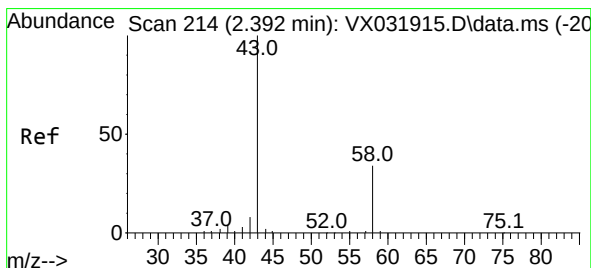
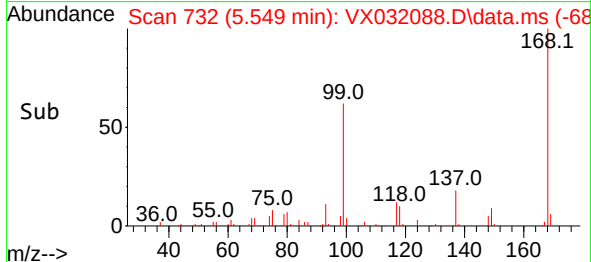
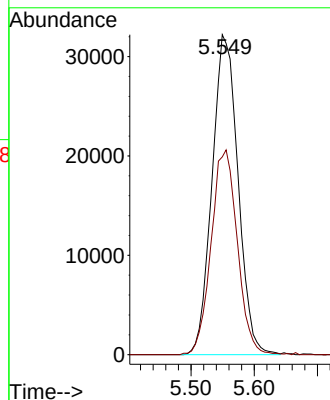
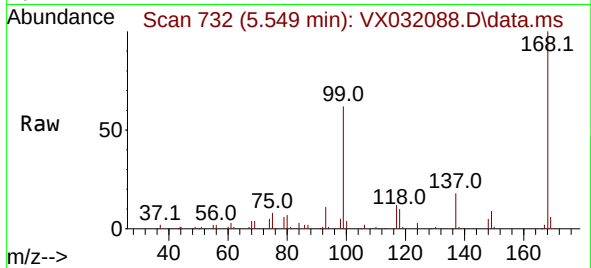




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

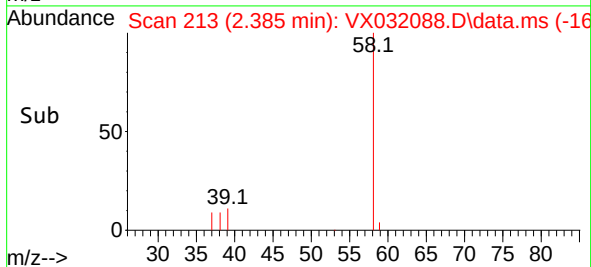
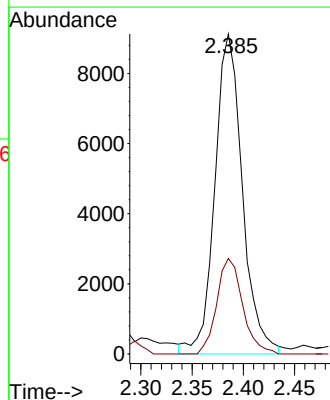
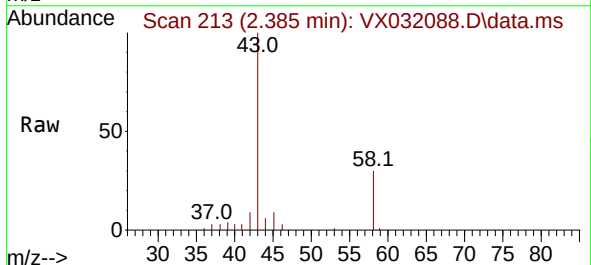
Instrument :
MSVOA_X
ClientSampleId :
EOR-0631

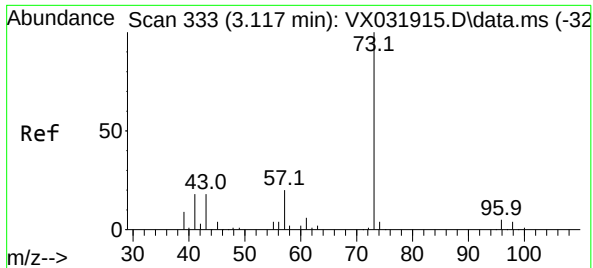
Tgt Ion:168 Resp: 91684
Ion Ratio Lower Upper
168 100
99 61.8 48.8 73.2



#16
Acetone
Concen: 26.380 ug/l m
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

Tgt Ion: 43 Resp: 16976
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.8

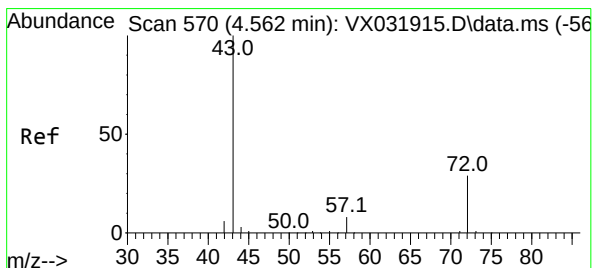
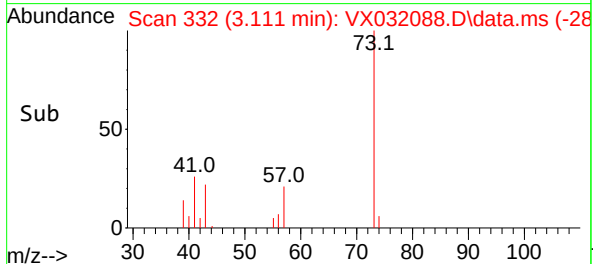
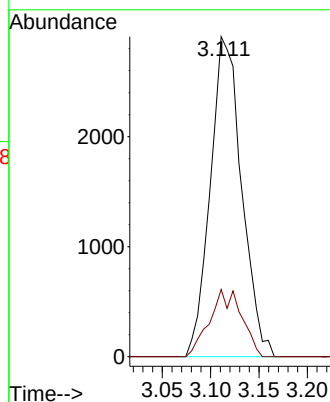
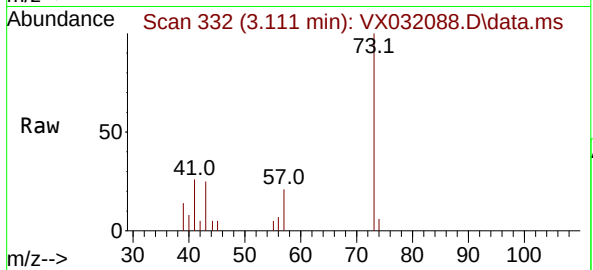




#19
Methyl tert-butyl Ether
Concen: 1.398 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

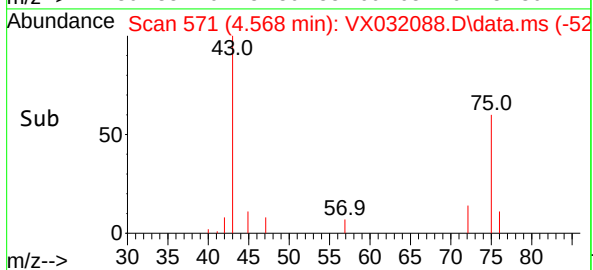
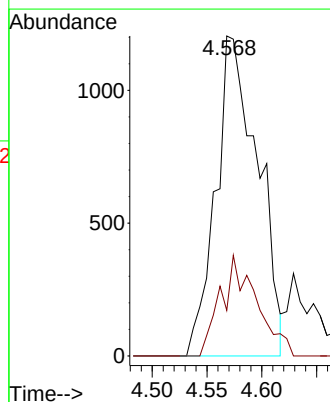
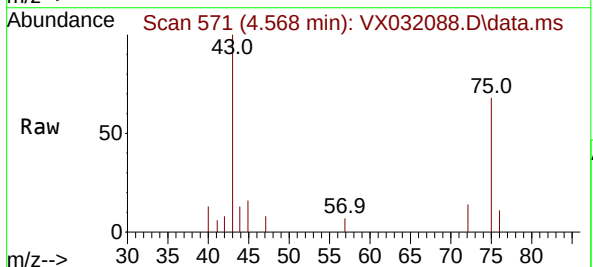
Instrument :
MSVOA_X
ClientSampleId :
EOR-0631

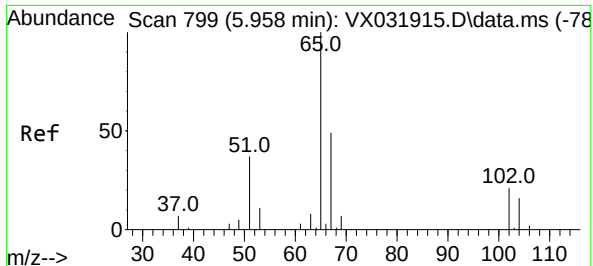
Tgt Ion: 73 Resp: 6551
Ion Ratio Lower Upper
73 100
57 21.0 17.2 25.8



#25
2-Butanone
Concen: 3.180 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

Tgt Ion: 43 Resp: 3199
Ion Ratio Lower Upper
43 100
72 14.3 21.1 31.7#





#33

1,2-Dichloroethane-d4

Concen: 53.470 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032088.D

Acq: 12 Oct 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

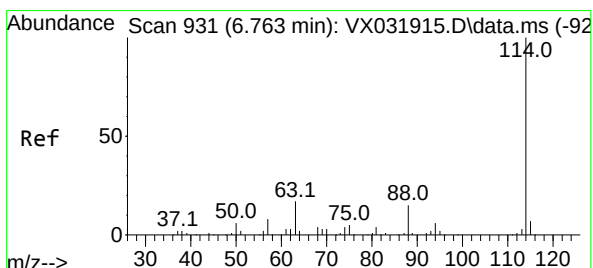
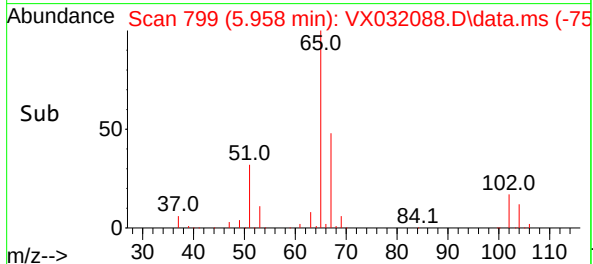
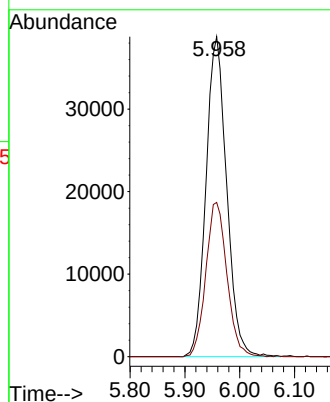
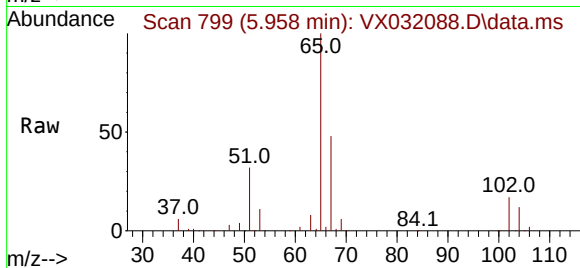
EOR-0631

Tgt Ion: 65 Resp: 101243

Ion Ratio Lower Upper

65 100

67 49.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032088.D

Acq: 12 Oct 2022 16:42

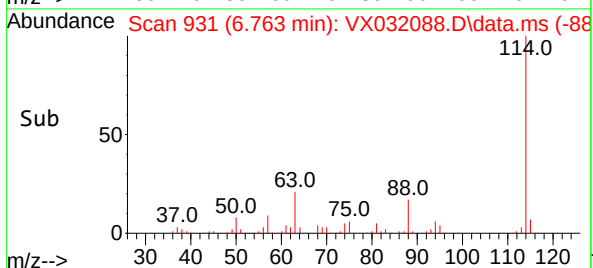
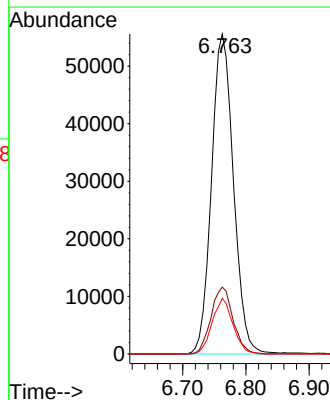
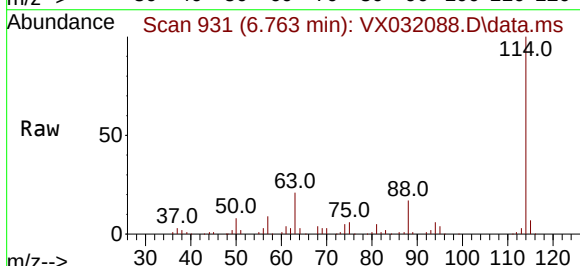
Tgt Ion: 114 Resp: 133940

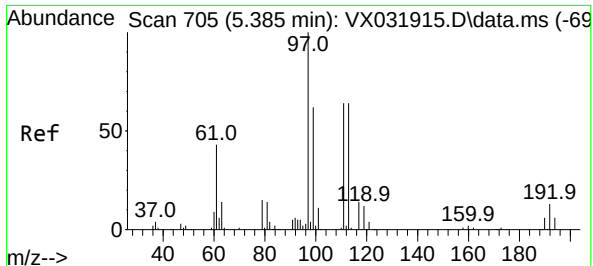
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 17.3 0.0 33.0

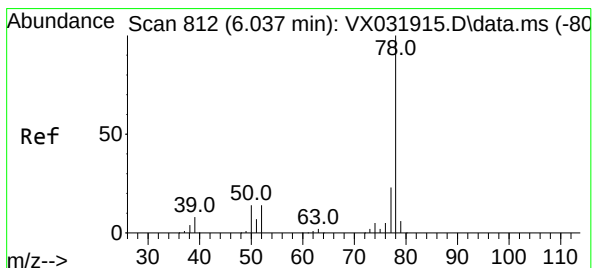
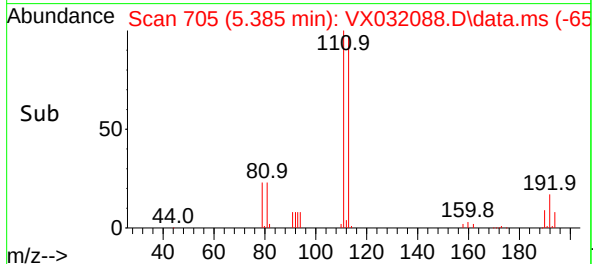
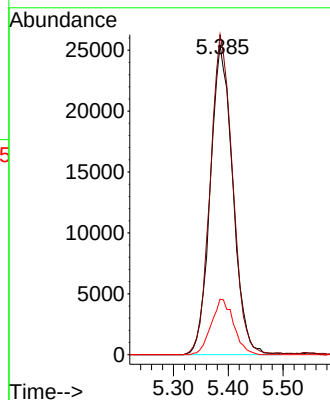
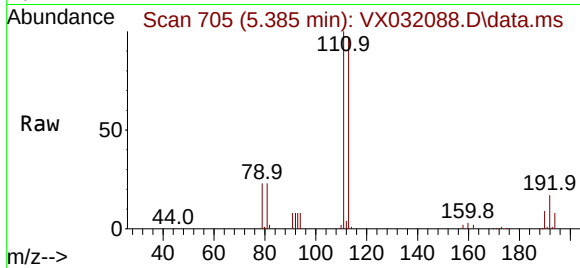




#35
Dibromofluoromethane
Concen: 47.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

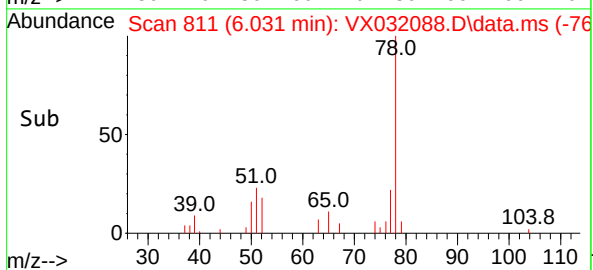
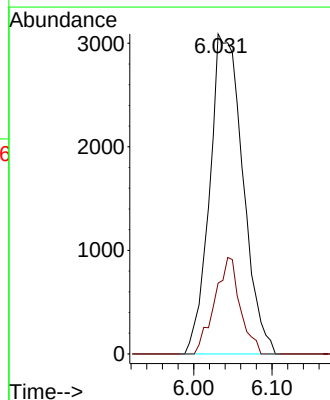
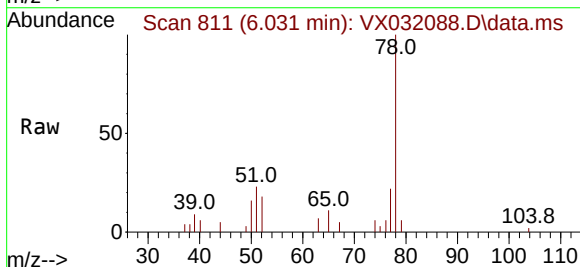
Instrument :
MSVOA_X
ClientSampleId :
EOR-0631

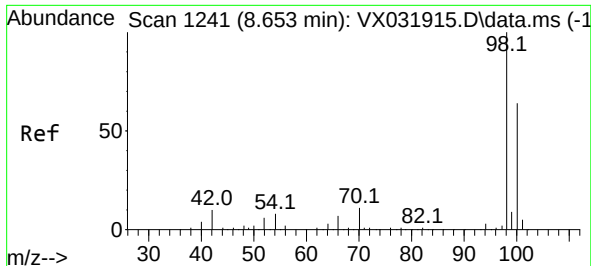
Tgt Ion:113 Resp: 72505
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 17.9 14.1 21.1



#40
Benzene
Concen: 1.543 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

Tgt Ion: 78 Resp: 9083
Ion Ratio Lower Upper
78 100
77 22.2 18.7 28.1





#50

Toluene-d8

Concen: 49.834 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032088.D

Acq: 12 Oct 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

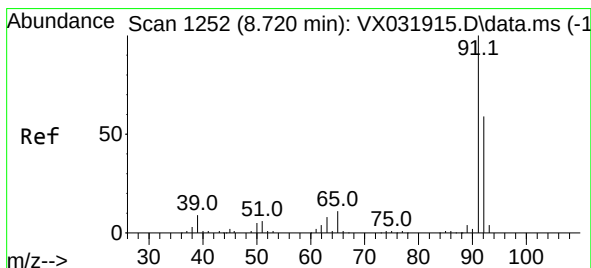
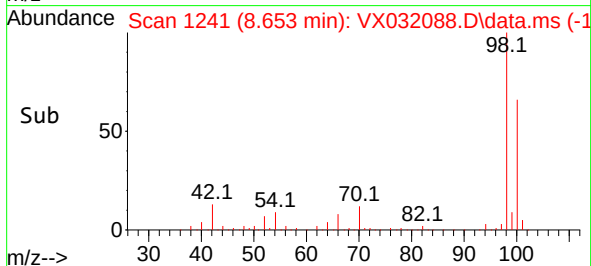
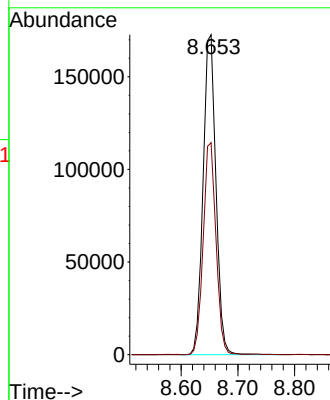
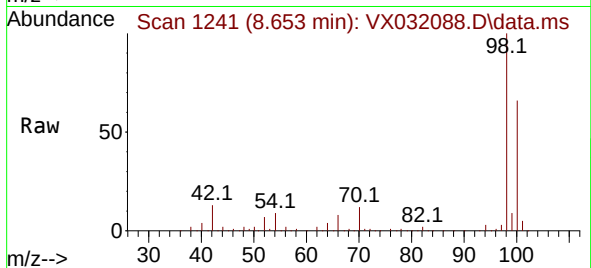
EOR-0631

Tgt Ion: 98 Resp: 271873

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7



#52

Toluene

Concen: 3.776 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032088.D

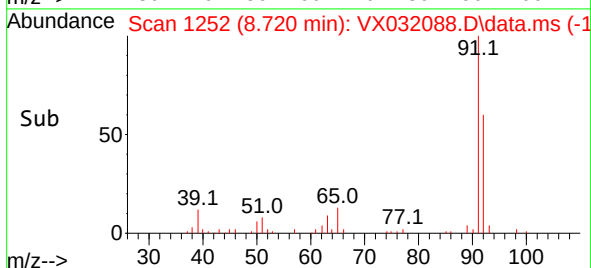
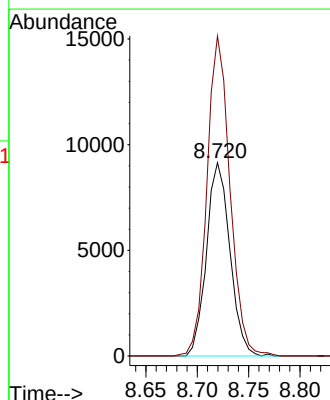
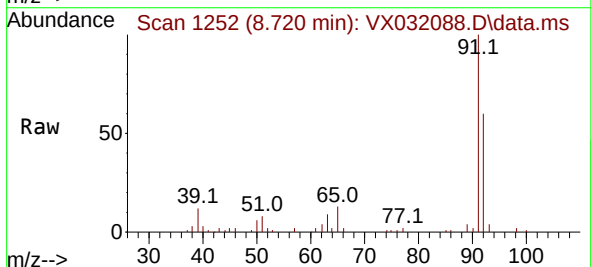
Acq: 12 Oct 2022 16:42

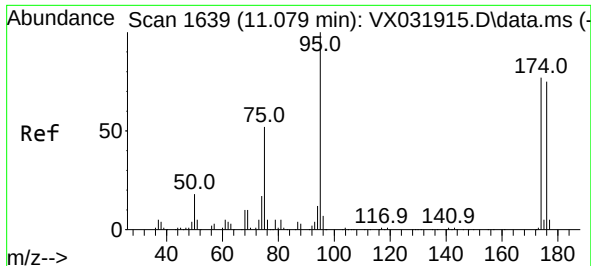
Tgt Ion: 92 Resp: 14534

Ion Ratio Lower Upper

92 100

91 162.5 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 52.915 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032088.D

Acq: 12 Oct 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

EOR-0631

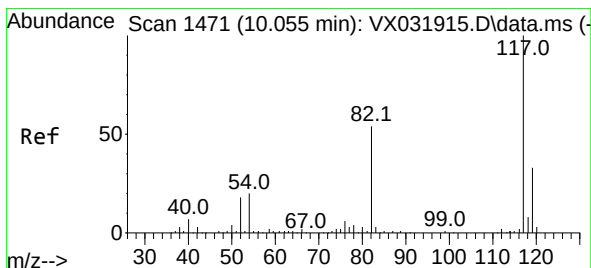
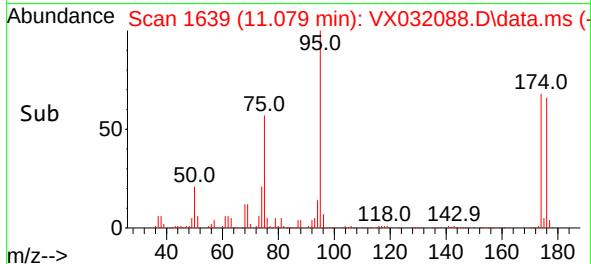
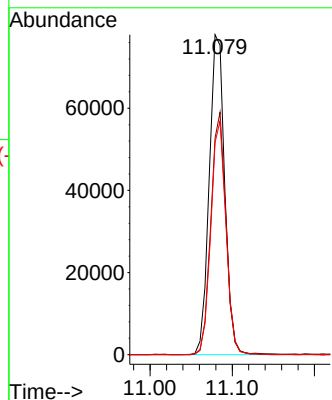
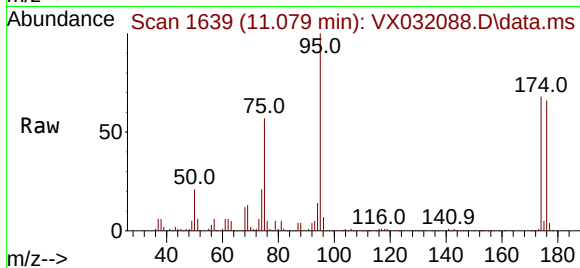
Tgt Ion: 95 Resp: 102057

Ion Ratio Lower Upper

95 100

174 73.8 0.0 153.2

176 71.0 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032088.D

Acq: 12 Oct 2022 16:42

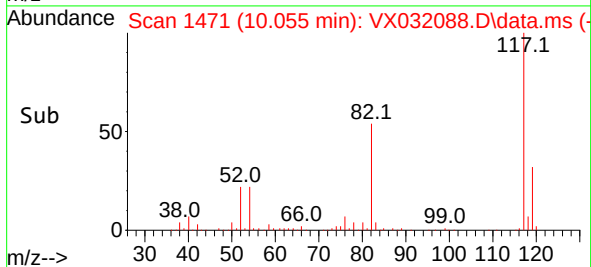
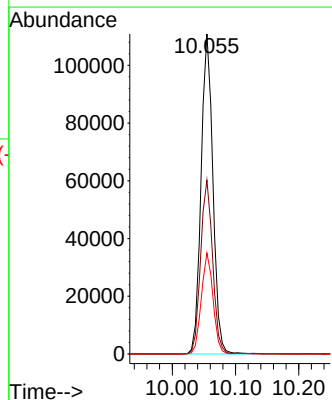
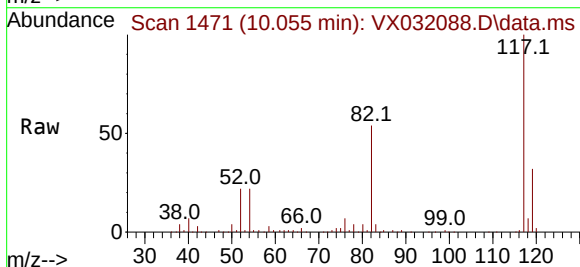
Tgt Ion: 117 Resp: 144529

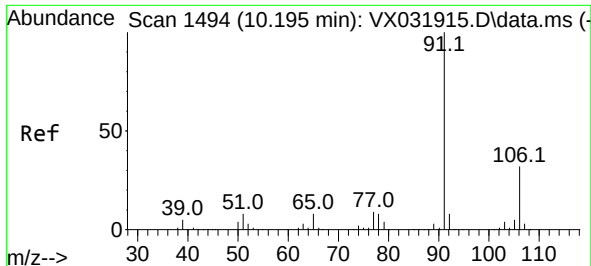
Ion Ratio Lower Upper

117 100

82 54.3 46.8 70.2

119 31.6 26.4 39.6

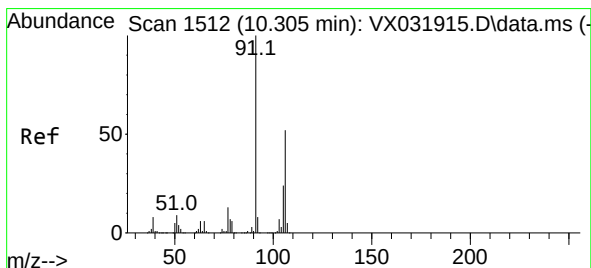
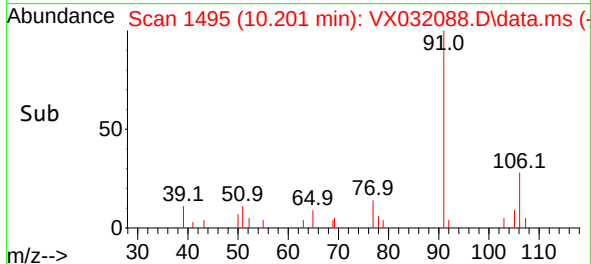
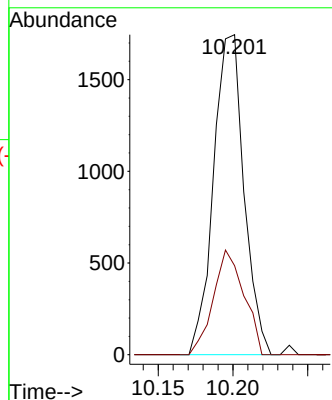
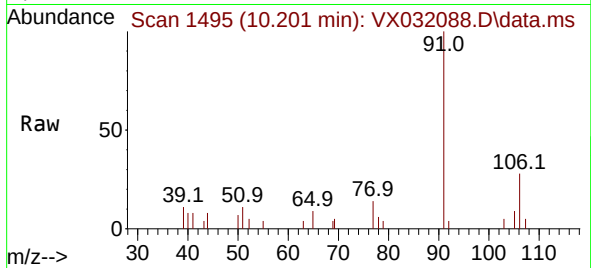




#67
Ethyl Benzene
Concen: 0.334 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

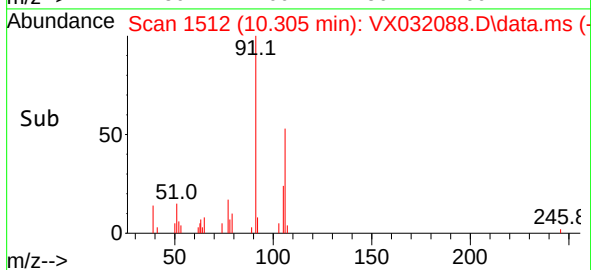
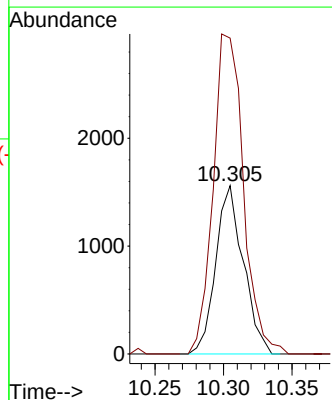
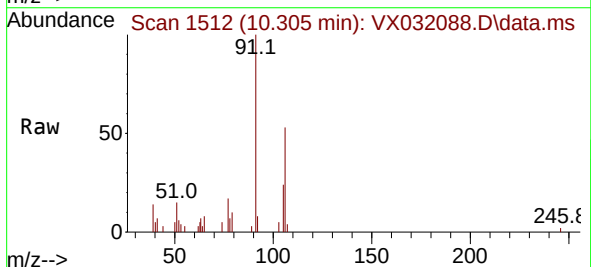
Instrument :
MSVOA_X
ClientSampleId :
EOR-0631

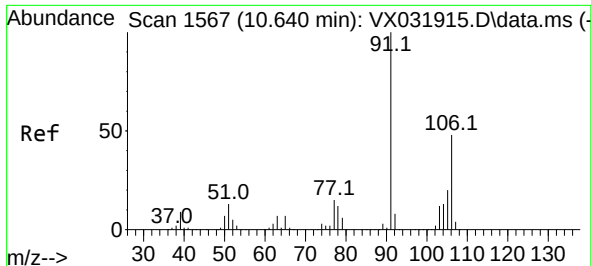
Tgt Ion: 91 Resp: 2471
Ion Ratio Lower Upper
91 100
106 27.8 25.2 37.8



#68
m/p-Xylenes
Concen: 0.742 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

Tgt Ion: 106 Resp: 2185
Ion Ratio Lower Upper
106 100
91 208.5 161.0 241.4

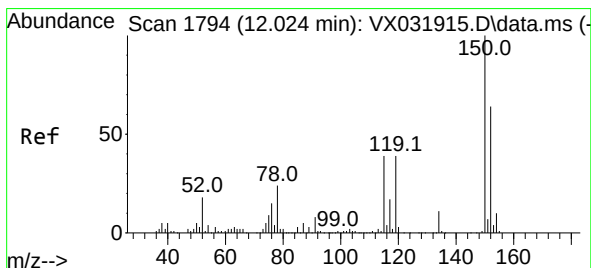
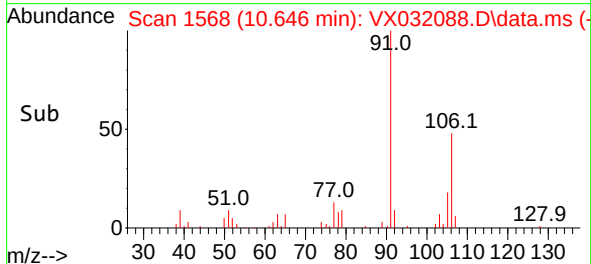
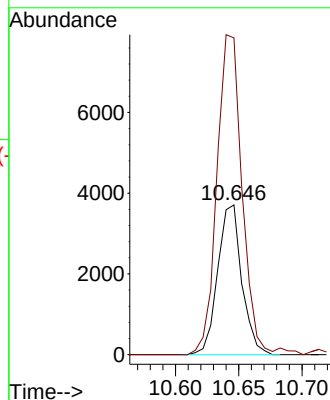
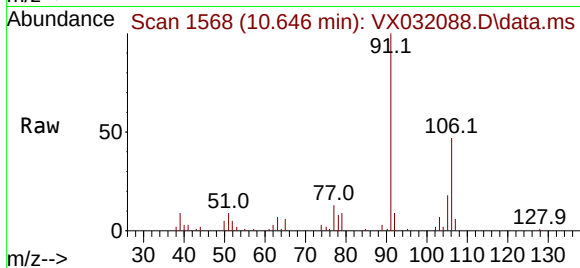




#69
o-Xylene
Concen: 1.715 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

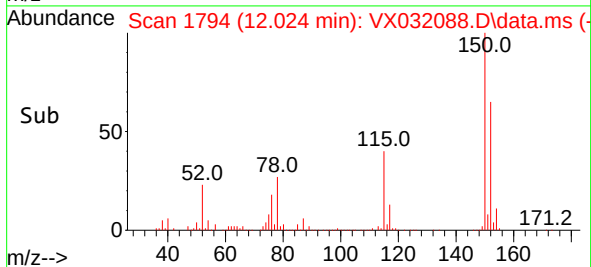
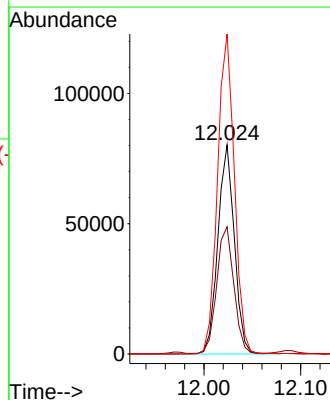
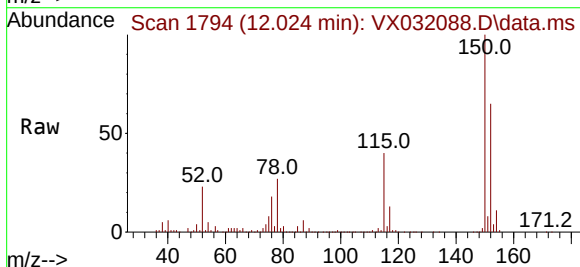
Instrument :
MSVOA_X
ClientSampleId :
EOR-0631

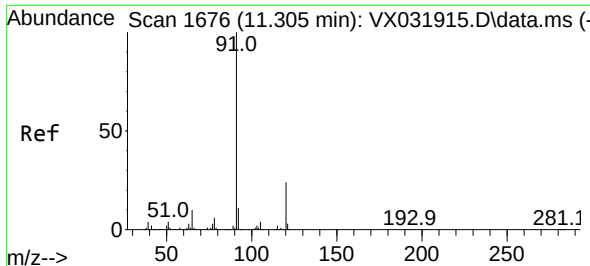
Tgt Ion:106 Resp: 4907
Ion Ratio Lower Upper
106 100
91 222.0 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

Tgt Ion:152 Resp: 94925
Ion Ratio Lower Upper
152 100
115 62.9 43.4 130.1
150 156.8 0.0 346.8

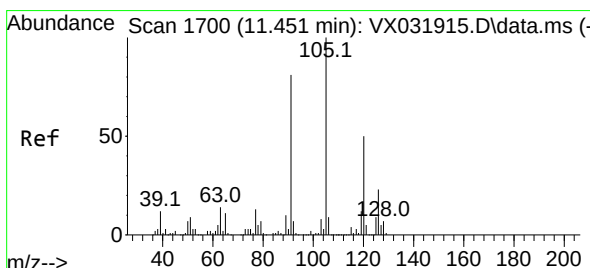
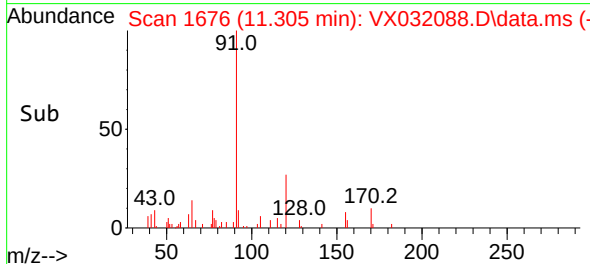
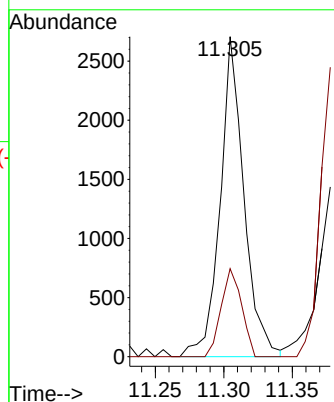
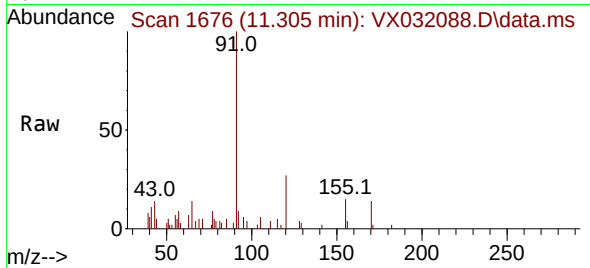




#78
n-propylbenzene
Concen: 0.402 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

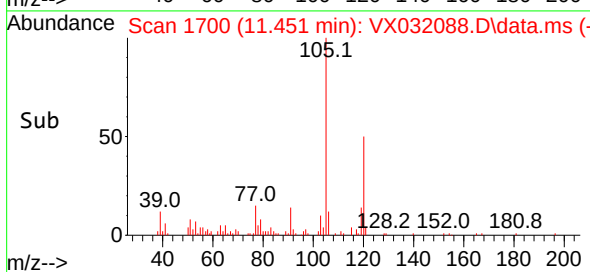
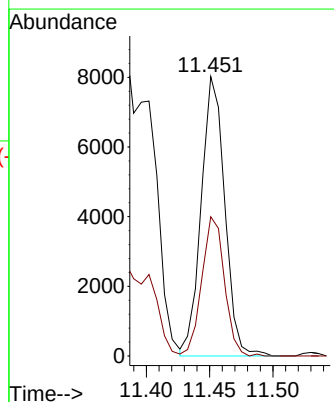
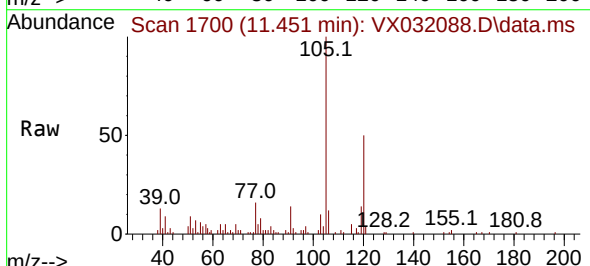
Instrument :
MSVOA_X
ClientSampleId :
EOR-0631

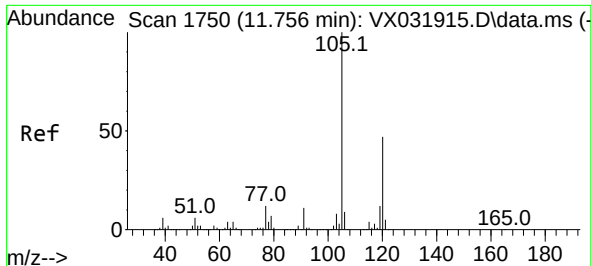
Tgt Ion: 91 Resp: 3272
Ion Ratio Lower Upper
91 100
120 23.6 11.8 35.4



#80
1,3,5-Trimethylbenzene
Concen: 1.755 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

Tgt Ion: 105 Resp: 10422
Ion Ratio Lower Upper
105 100
120 47.8 24.5 73.5

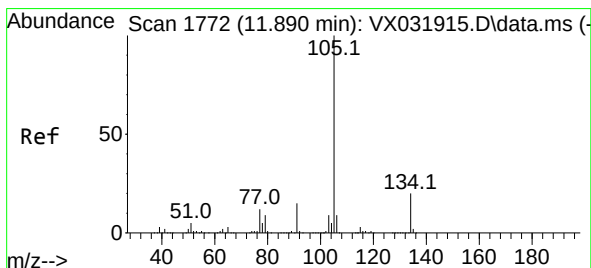
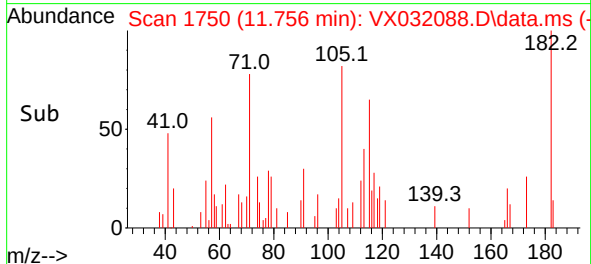
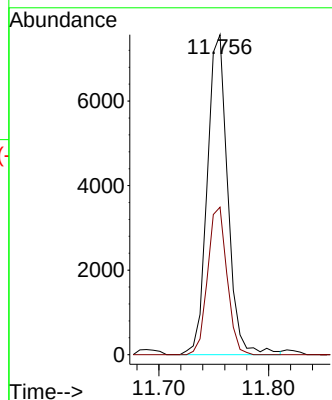
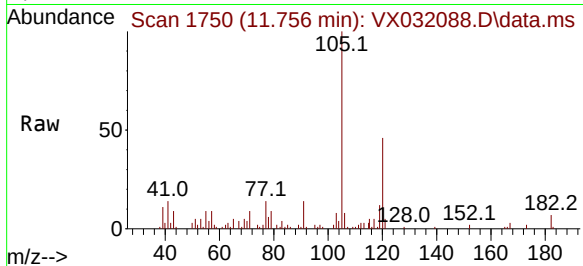




#84
1,2,4-Trimethylbenzene
Concen: 1.627 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

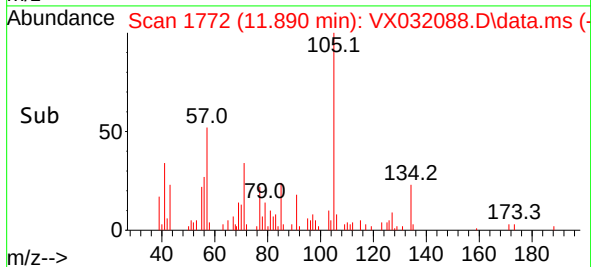
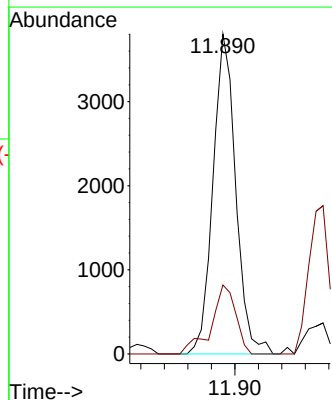
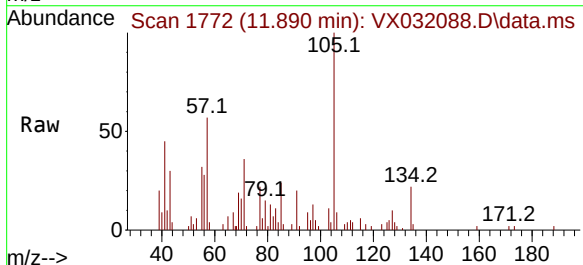
Instrument :
MSVOA_X
ClientSampleId :
EOR-0631

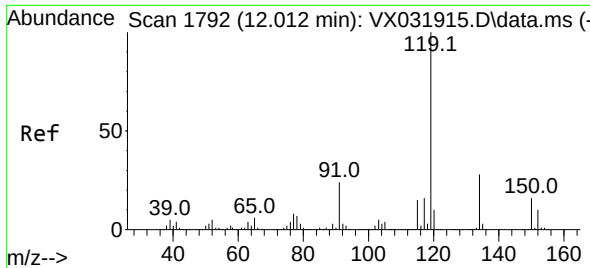
Tgt Ion:105 Resp: 9813
Ion Ratio Lower Upper
105 100
120 43.6 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.702 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

Tgt Ion:105 Resp: 5111
Ion Ratio Lower Upper
105 100
134 23.1 10.4 31.1

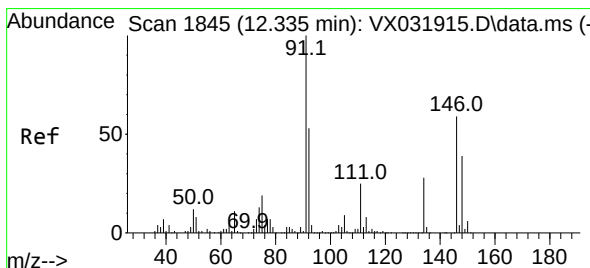
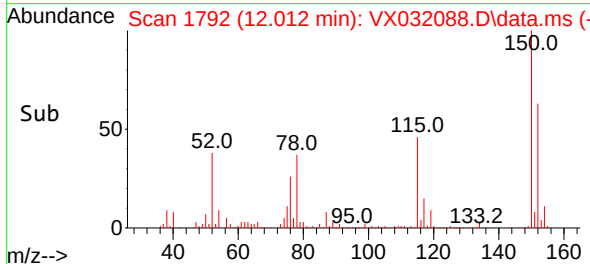
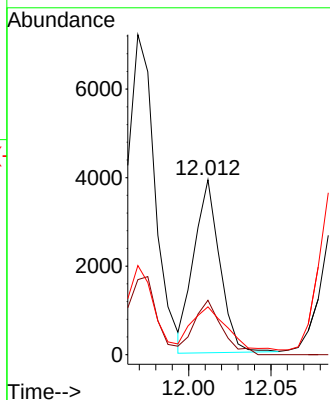
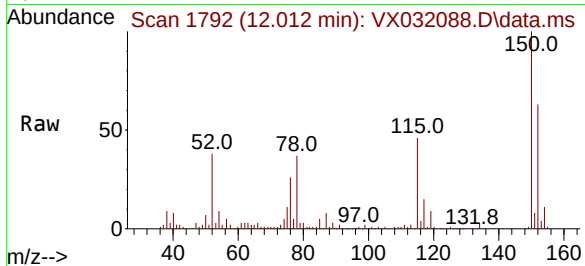




#86
p-Isopropyltoluene
Concen: 0.698 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
EOR-0631

Tgt Ion:	119	Resp:	4278
Ion	Ratio	Lower	Upper
119	100		
134	33.9	13.4	40.2
91	33.1	12.4	37.2



#89
n-Butylbenzene
Concen: 2.839 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX032088.D
Acq: 12 Oct 2022 16:42

Tgt Ion:	91	Resp:	14562
Ion	Ratio	Lower	Upper
91	100		
92	33.5	27.0	81.0
134	102.6	13.3	39.9#

