

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
 Data File : VX032086.D
 Acq On : 12 Oct 2022 15:55
 Operator : JC/MD
 Sample : N5042-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EOR-0627

Quant Time: Oct 13 09:16:22 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)

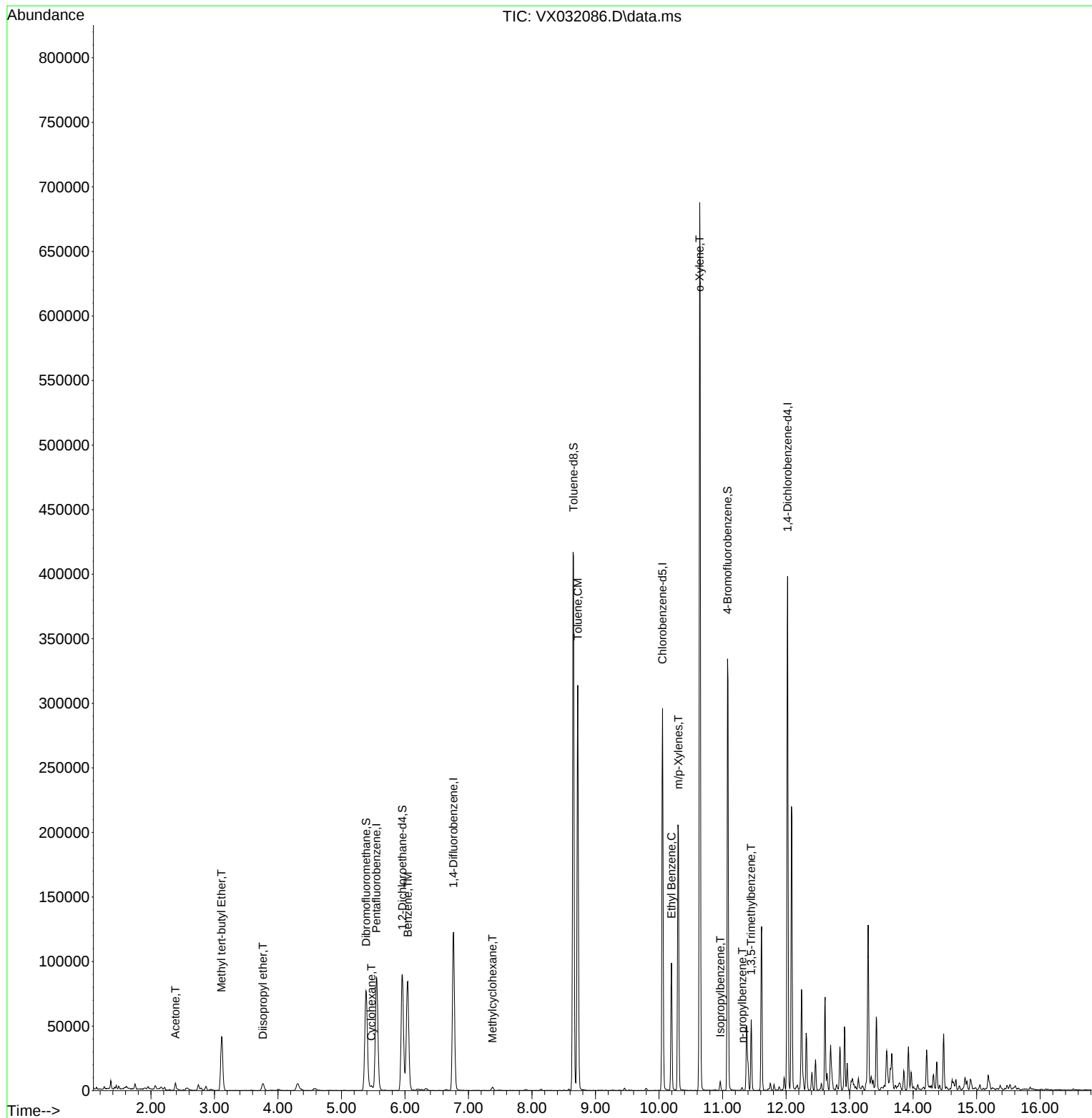
Internal Standards						
1) Pentafluorobenzene	5.550	168	78800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86794	53.333	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.660%			
35) Dibromofluoromethane	5.385	113	64825	47.929	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.860%			
50) Toluene-d8	8.653	98	242374	49.801	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.600%			
62) 4-Bromofluorobenzene	11.079	95	85409	49.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.280%			
Target Compounds						Qvalue
16) Acetone	2.386	43	6072	10.978	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	44592	11.071	ug/l	97
22) Diisopropyl ether	3.764	45	5239	1.365	ug/l #	83
31) Cyclohexane	5.471	56	2152	1.107	ug/l	97
39) Methylcyclohexane	7.379	83	1098	0.513	ug/l	90
40) Benzene	6.044	78	101407	19.309	ug/l	99
52) Toluene	8.720	92	110966	32.316	ug/l	100
67) Ethyl Benzene	10.195	91	54762	8.559	ug/l	96
68) m/p-Xylenes	10.305	106	47620	18.729	ug/l	97
69) o-Xylene	10.640	106	142610	57.706	ug/l	96
73) Isopropylbenzene	10.963	105	3409	0.594	ug/l	98
78) n-propylbenzene	11.311	91	1472	0.225	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	22137	4.648	ug/l	98

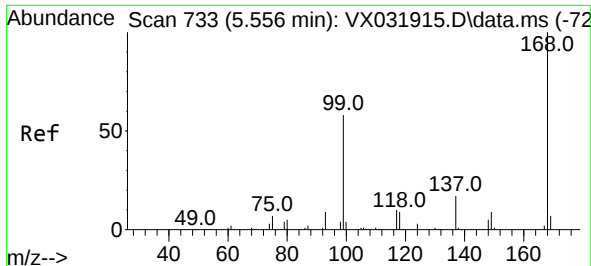
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 13 09:16:22 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

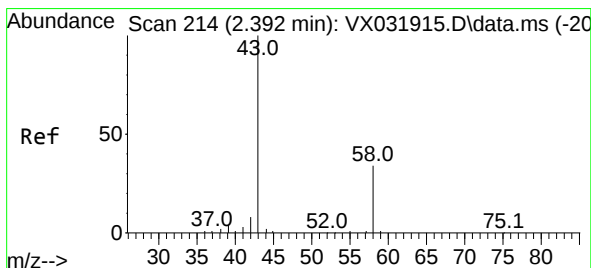
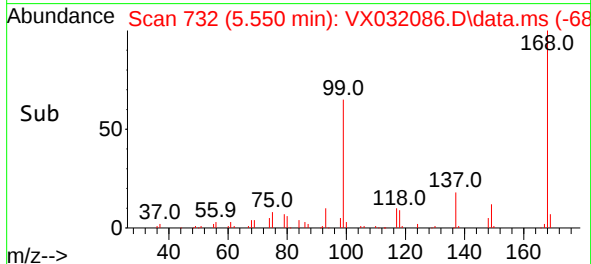
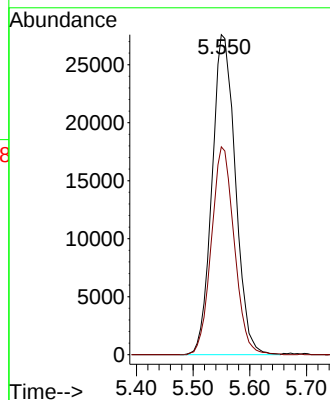
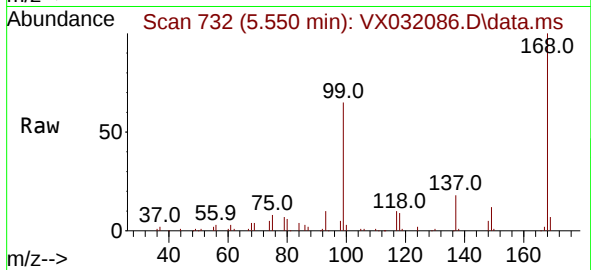




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

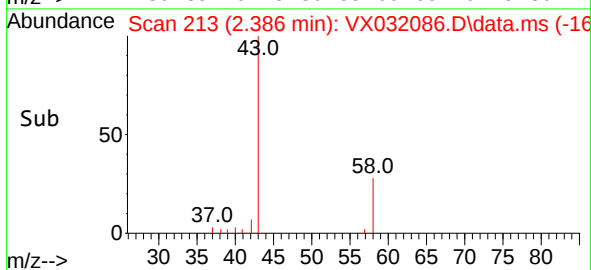
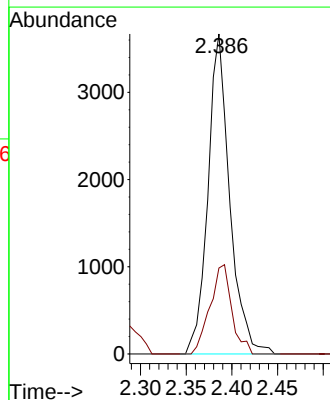
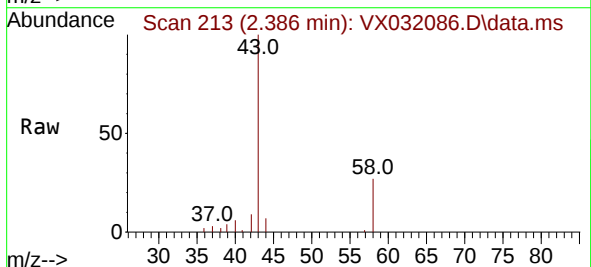
Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

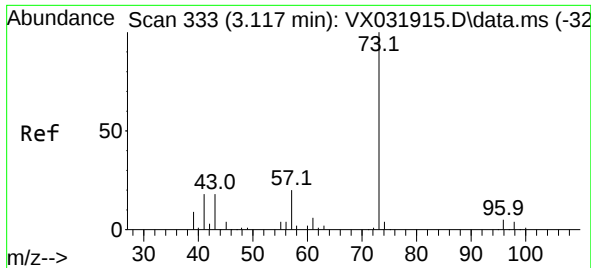
Tgt Ion:168 Resp: 78800
Ion Ratio Lower Upper
168 100
99 65.0 48.8 73.2



#16
Acetone
Concen: 10.978 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

Tgt Ion: 43 Resp: 6072
Ion Ratio Lower Upper
43 100
58 26.8 23.8 35.8

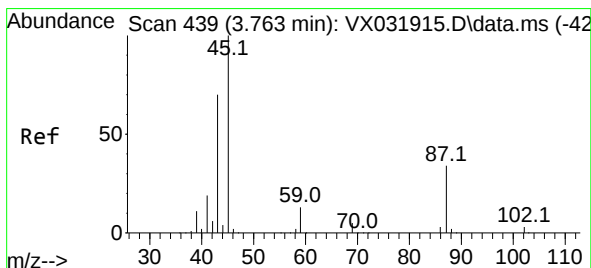
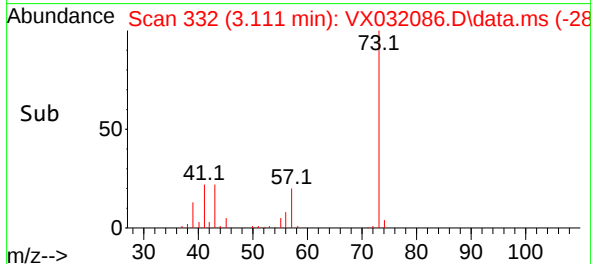
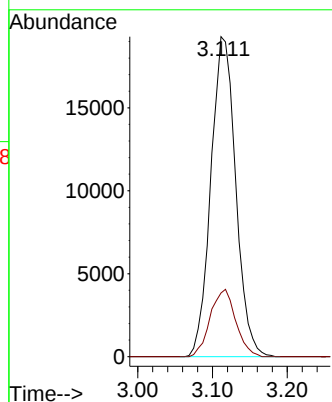
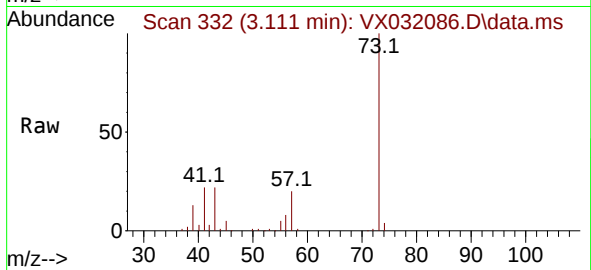




#19
Methyl tert-butyl Ether
Concen: 11.071 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

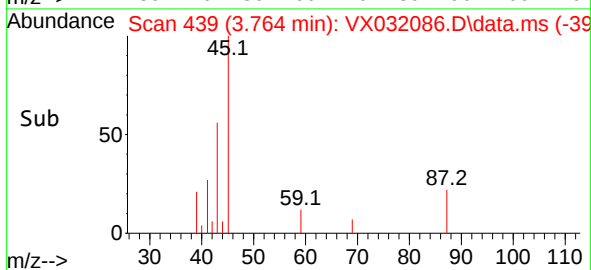
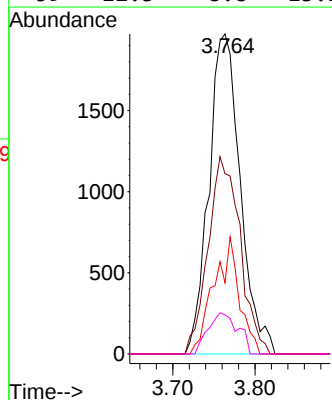
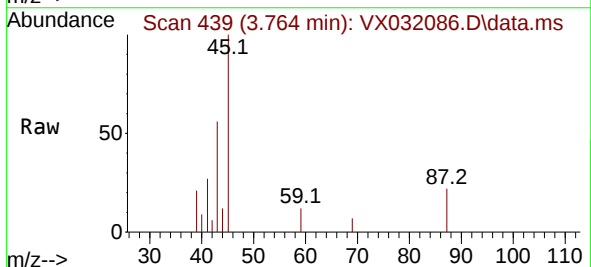
Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

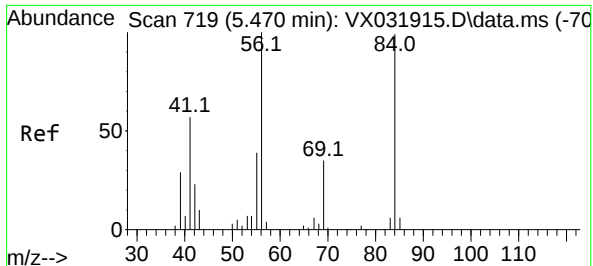
Tgt Ion: 73 Resp: 44592
Ion Ratio Lower Upper
73 100
57 19.9 17.2 25.8



#22
Diisopropyl ether
Concen: 1.365 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

Tgt Ion: 45 Resp: 5239
Ion Ratio Lower Upper
45 100
43 56.3 59.0 88.6#
87 22.3 22.6 33.8#
59 12.3 8.8 13.2

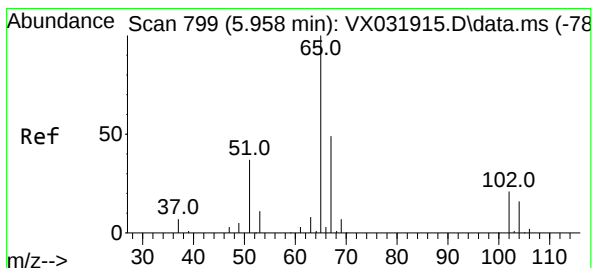
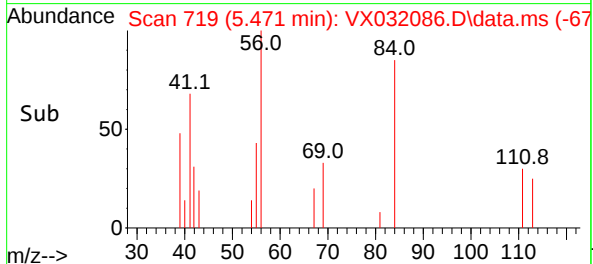
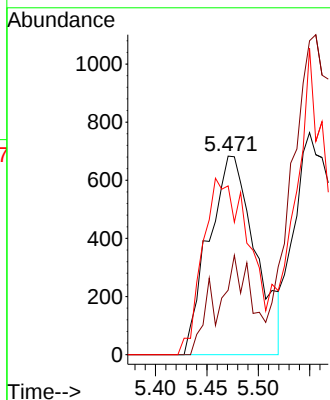
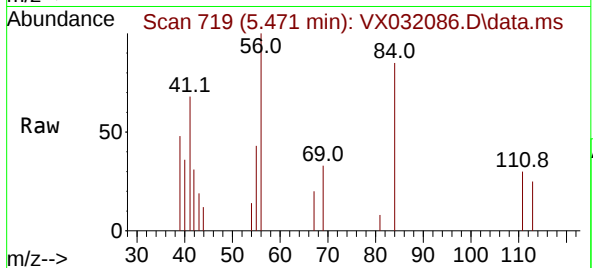




#31
Cyclohexane
Concen: 1.107 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

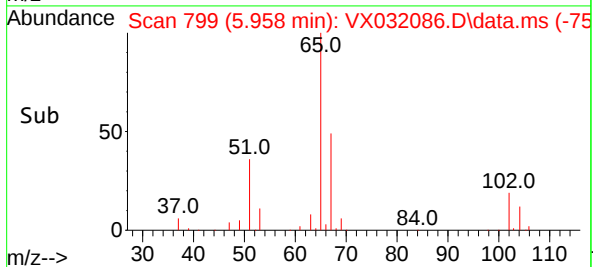
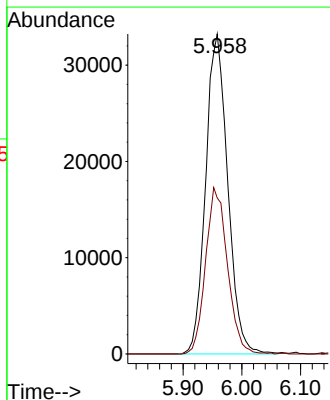
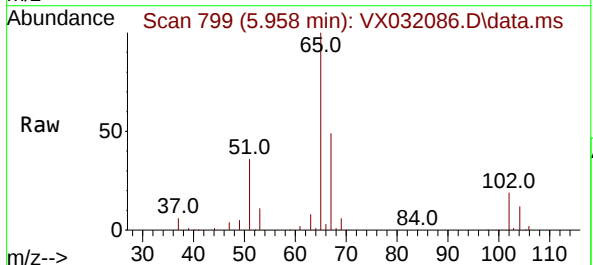
Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

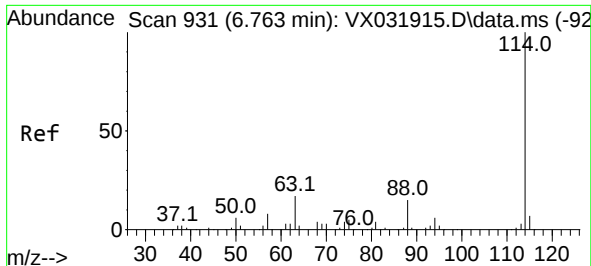
Tgt Ion:	56	Resp:	2152
Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.1	37.7
84	85.1	70.2	105.4



#33
1,2-Dichloroethane-d4
Concen: 53.333 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

Tgt Ion:	65	Resp:	86794
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.4

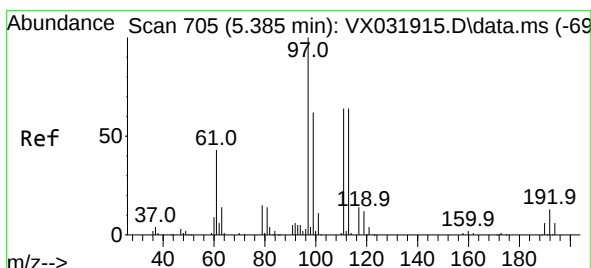
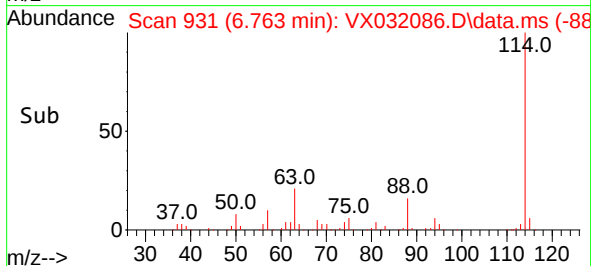
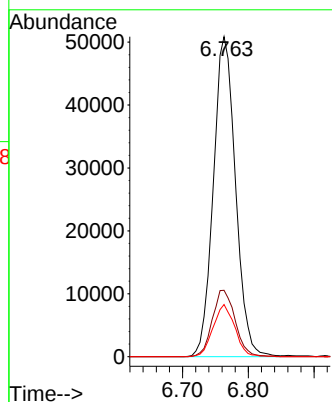
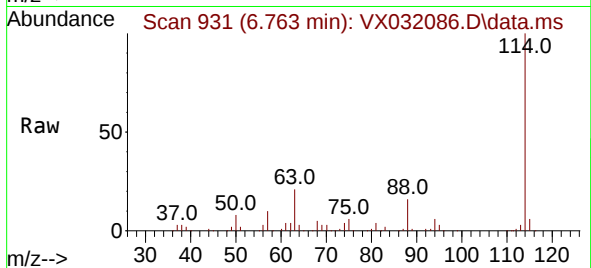




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

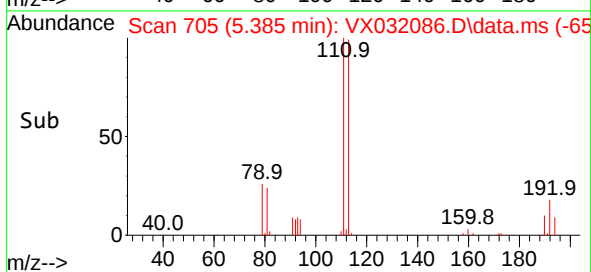
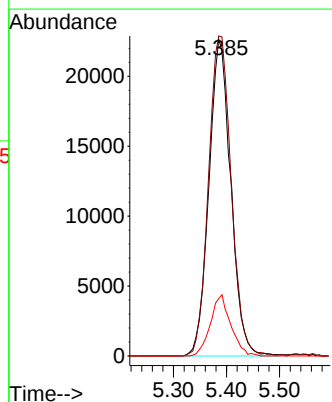
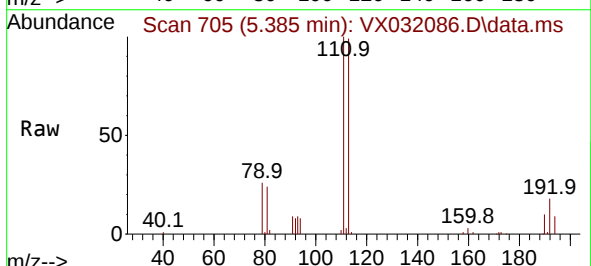
Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

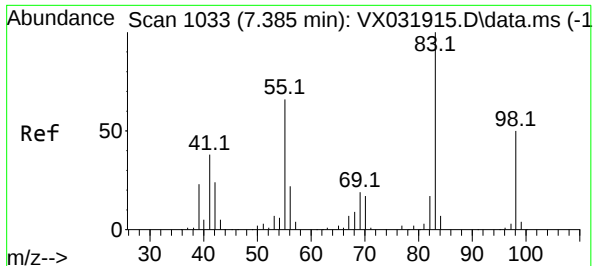
Tgt Ion:114 Resp: 119486
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.929 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

Tgt Ion:113 Resp: 64825
Ion Ratio Lower Upper
113 100
111 104.7 82.4 123.6
192 18.0 14.1 21.1





#39

Methylcyclohexane

Concen: 0.513 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032086.D

Acq: 12 Oct 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

EOR-0627

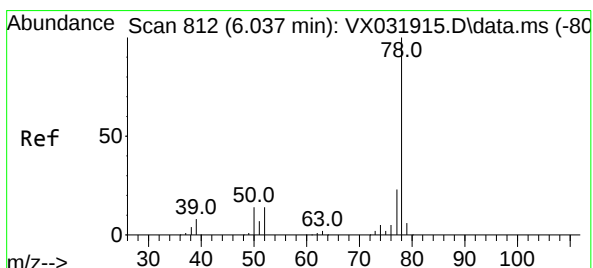
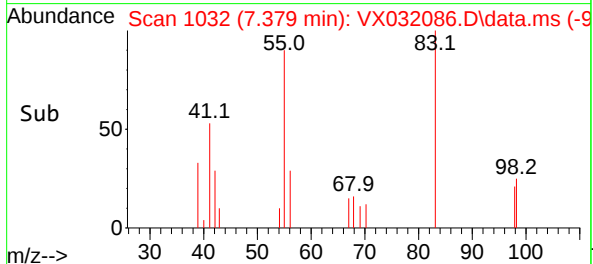
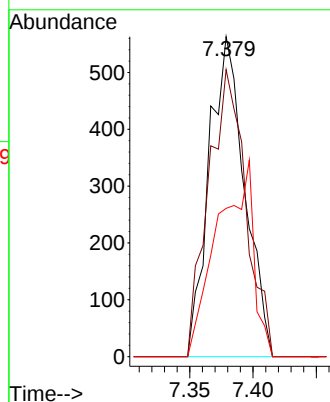
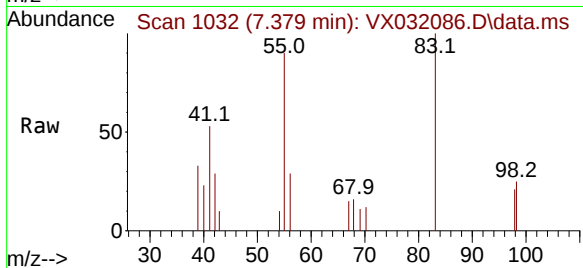
Tgt Ion: 83 Resp: 1098

Ion Ratio Lower Upper

83 100

55 89.7 61.0 91.4

98 46.4 37.7 56.5



#40

Benzene

Concen: 19.309 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX032086.D

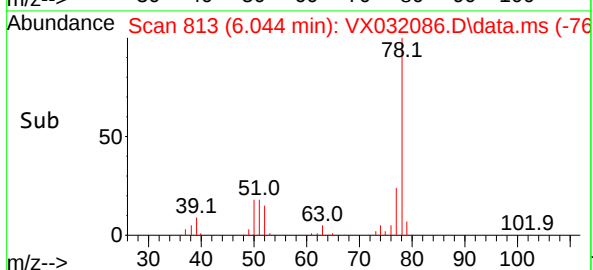
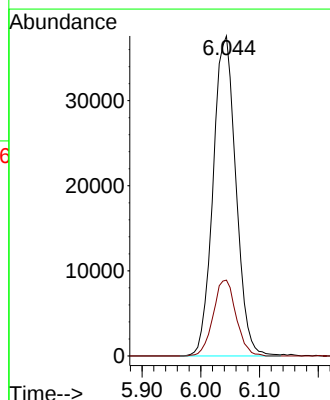
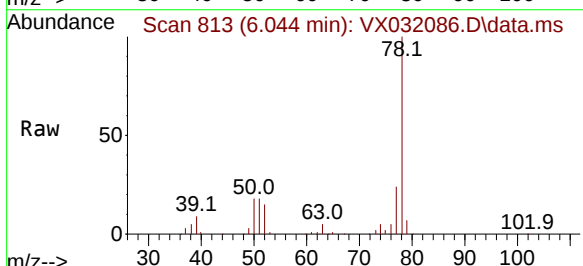
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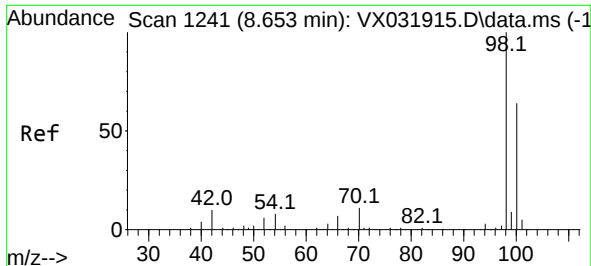
Tgt Ion: 78 Resp: 101407

Ion Ratio Lower Upper

78 100

77 23.7 18.7 28.1

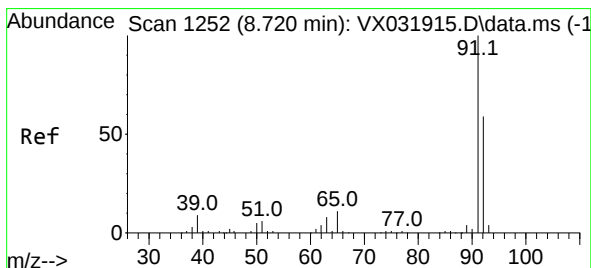
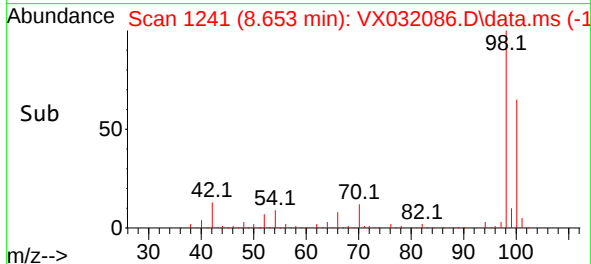
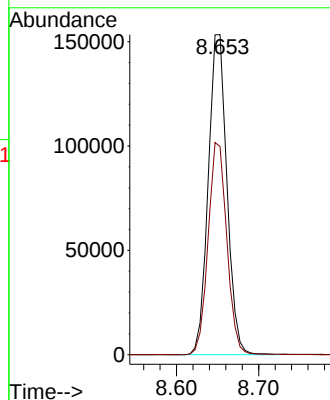
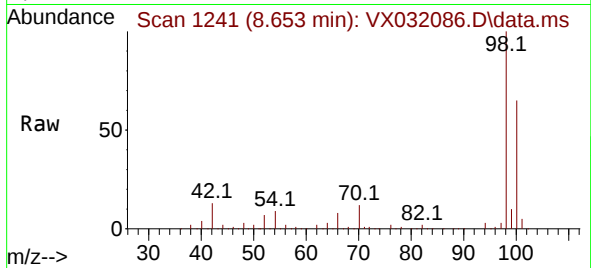




#50
Toluene-d8
Concen: 49.801 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

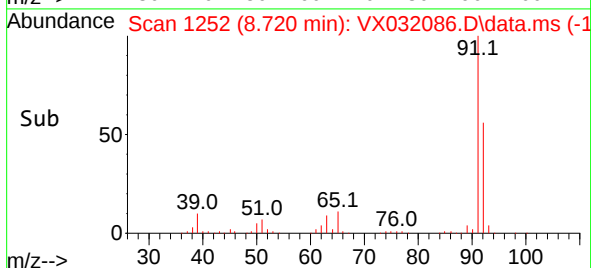
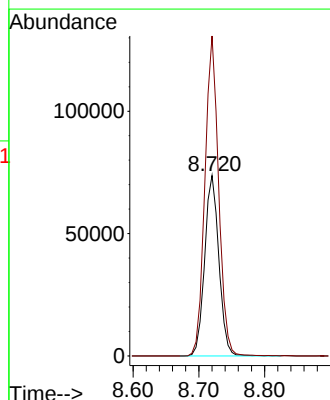
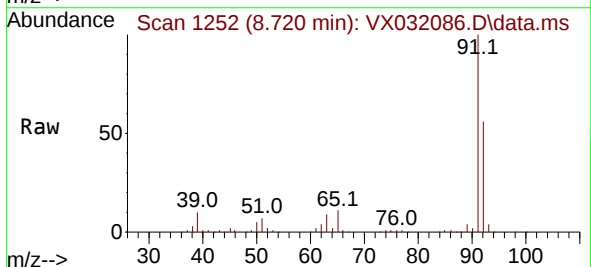
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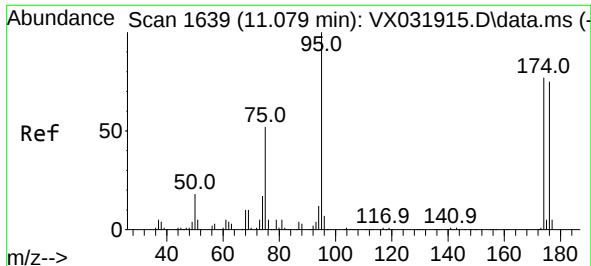
Tgt Ion: 98 Resp: 242374
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#52
Toluene
Concen: 32.316 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

Tgt Ion: 92 Resp: 110966
Ion Ratio Lower Upper
92 100
91 171.1 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 49.640 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032086.D

Acq: 12 Oct 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

EOR-0627

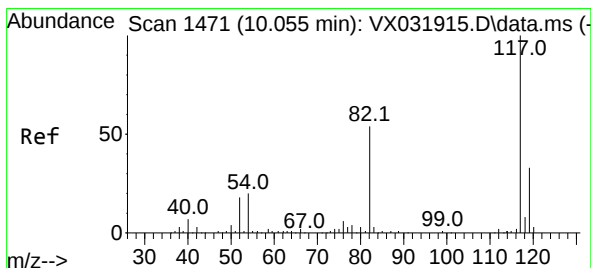
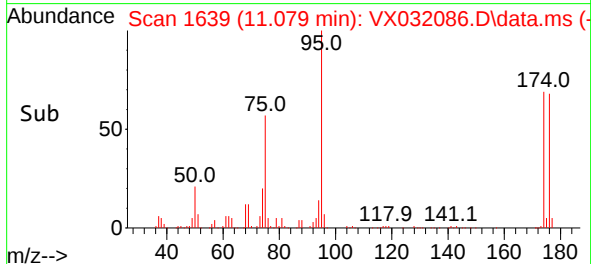
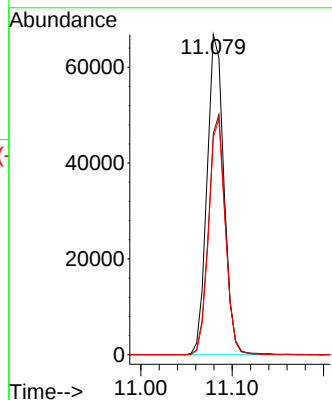
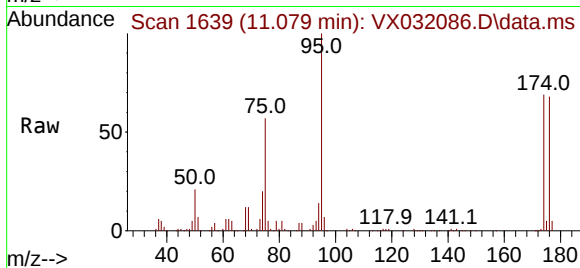
Tgt Ion: 95 Resp: 85409

Ion Ratio Lower Upper

95 100

174 74.6 0.0 153.2

176 72.8 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: VX032086.D

Acq: 12 Oct 2022 15:55

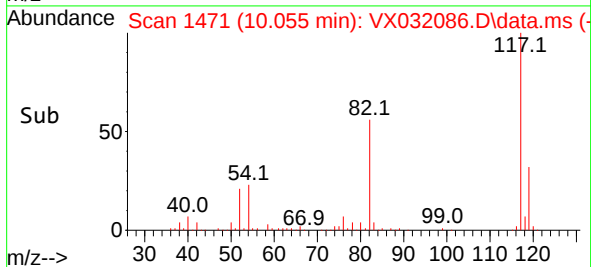
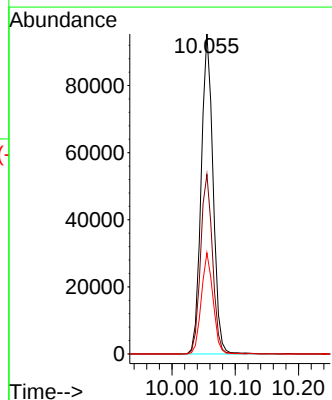
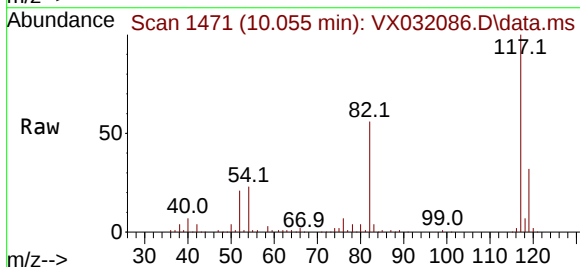
Tgt Ion: 117 Resp: 124821

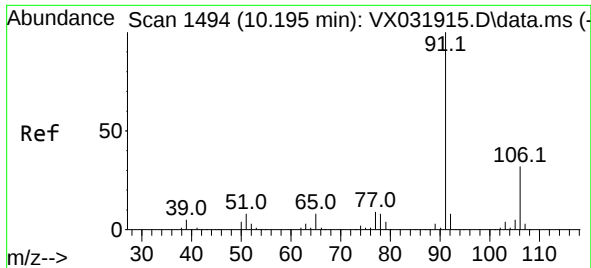
Ion Ratio Lower Upper

117 100

82 56.1 46.8 70.2

119 31.6 26.4 39.6

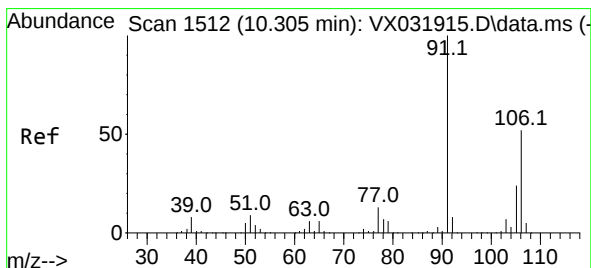
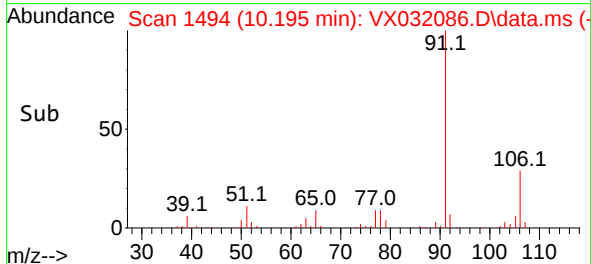
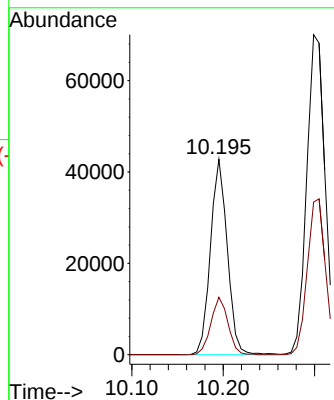
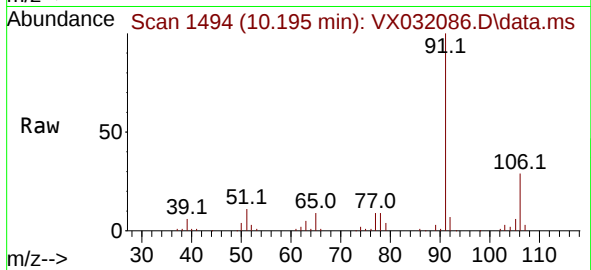




#67
Ethyl Benzene
Concen: 8.559 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

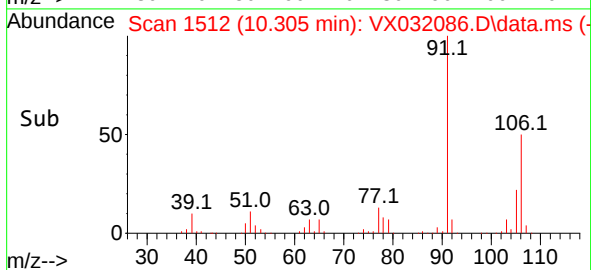
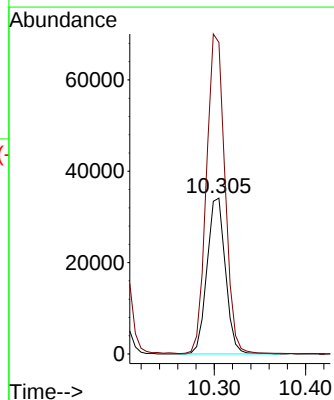
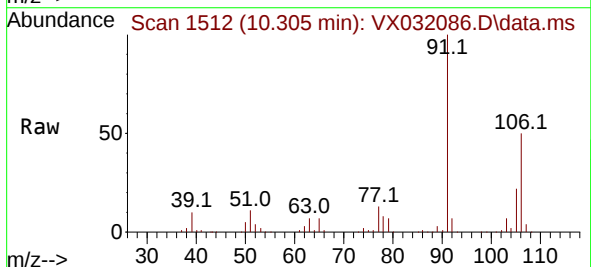
Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

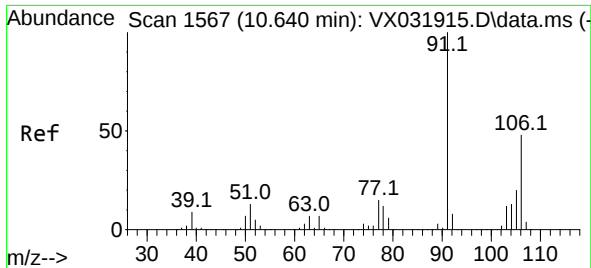
Tgt Ion: 91 Resp: 54762
Ion Ratio Lower Upper
91 100
106 29.4 25.2 37.8



#68
m/p-Xylenes
Concen: 18.729 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

Tgt Ion: 106 Resp: 47620
Ion Ratio Lower Upper
106 100
91 206.3 161.0 241.4

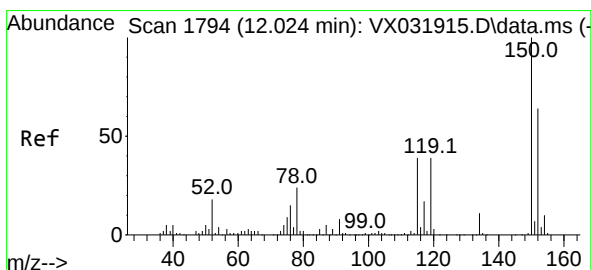
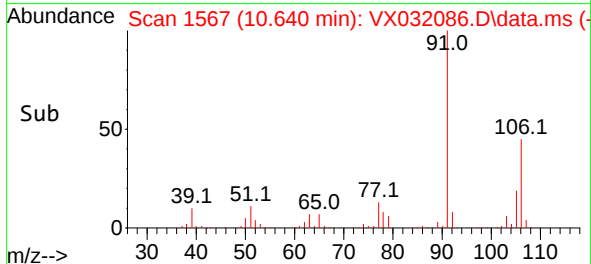
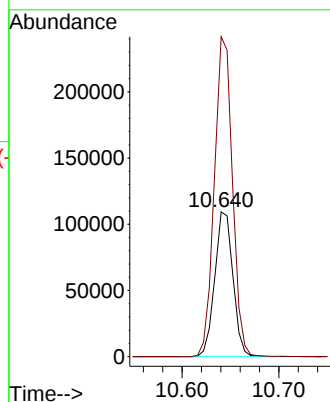
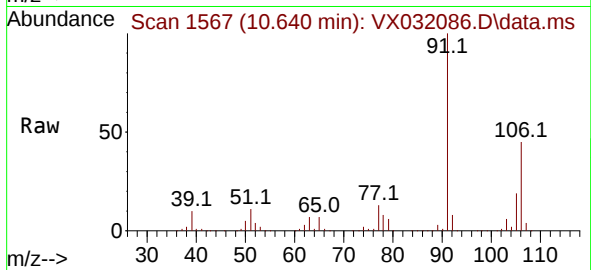




#69
o-Xylene
Concen: 57.706 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

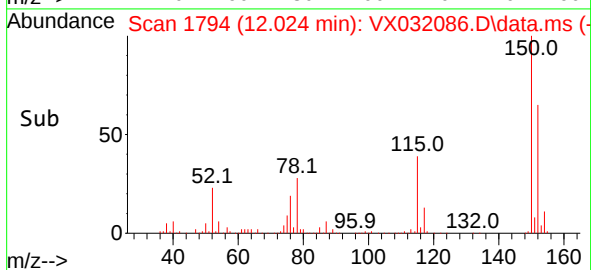
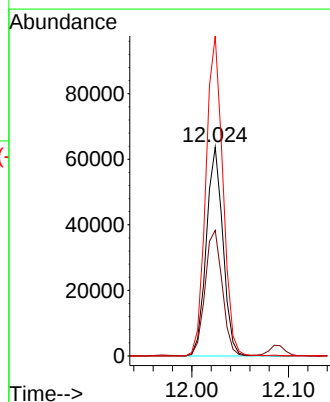
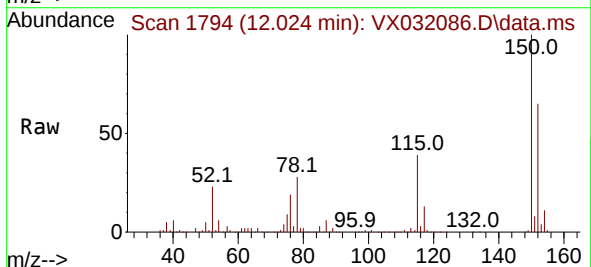
Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

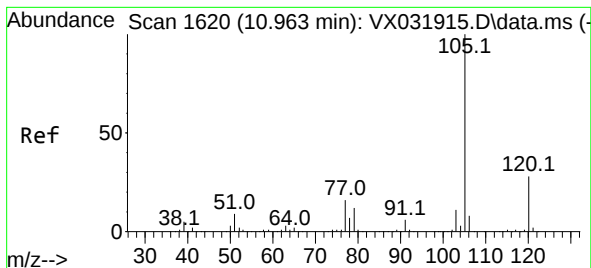
Tgt Ion:106 Resp: 142610
Ion Ratio Lower Upper
106 100
91 220.3 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032086.D
Acq: 12 Oct 2022 15:55

Tgt Ion:152 Resp: 76143
Ion Ratio Lower Upper
152 100
115 62.5 43.4 130.1
150 156.8 0.0 346.8





#73

Isopropylbenzene

Concen: 0.594 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX032086.D

Acq: 12 Oct 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

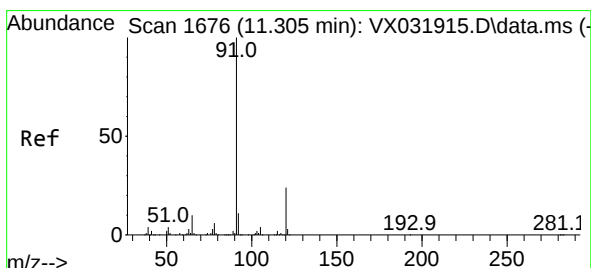
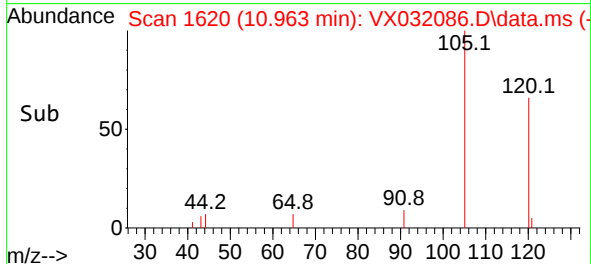
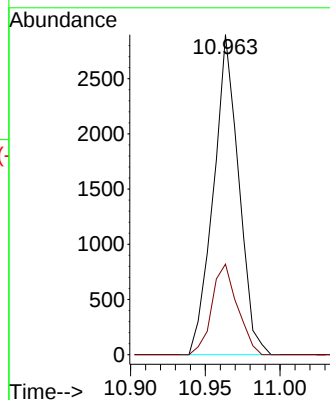
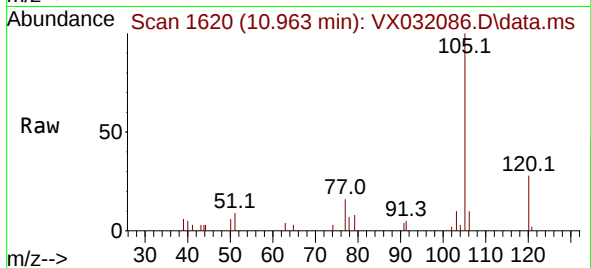
EOR-0627

Tgt Ion:105 Resp: 3409

Ion Ratio Lower Upper

105 100

120 28.5 13.7 41.0



#78

n-propylbenzene

Concen: 0.225 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX032086.D

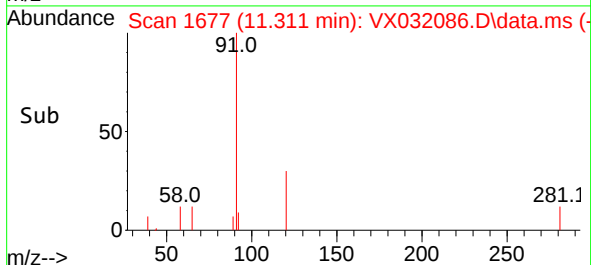
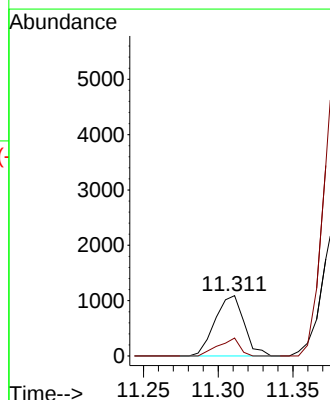
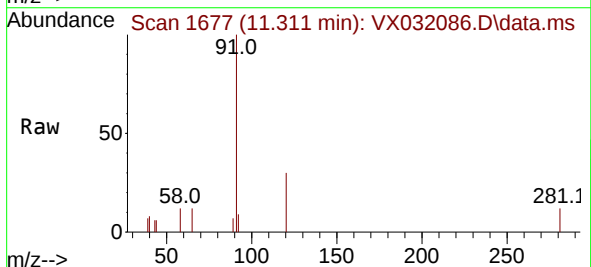
Acq: 12 Oct 2022 15:55

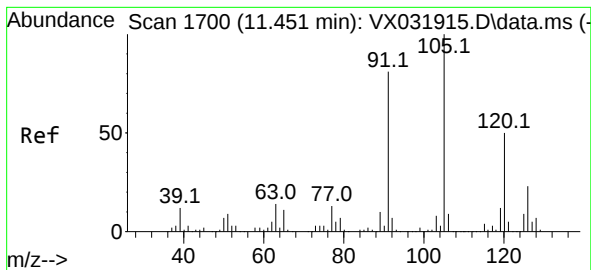
Tgt Ion: 91 Resp: 1472

Ion Ratio Lower Upper

91 100

120 21.9 11.8 35.4





#80

1,3,5-Trimethylbenzene

Concen: 4.648 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032086.D

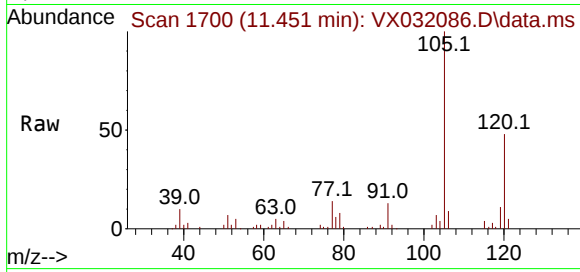
Acq: 12 Oct 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

EOR-0627



Tgt Ion:105 Resp: 22137

Ion Ratio Lower Upper

105 100

120 47.9 24.5 73.5

