

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
 Data File : VX032087.D
 Acq On : 12 Oct 2022 16:18
 Operator : JC/MD
 Sample : N5042-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EOR-0632

Quant Time: Oct 13 09:16:59 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)

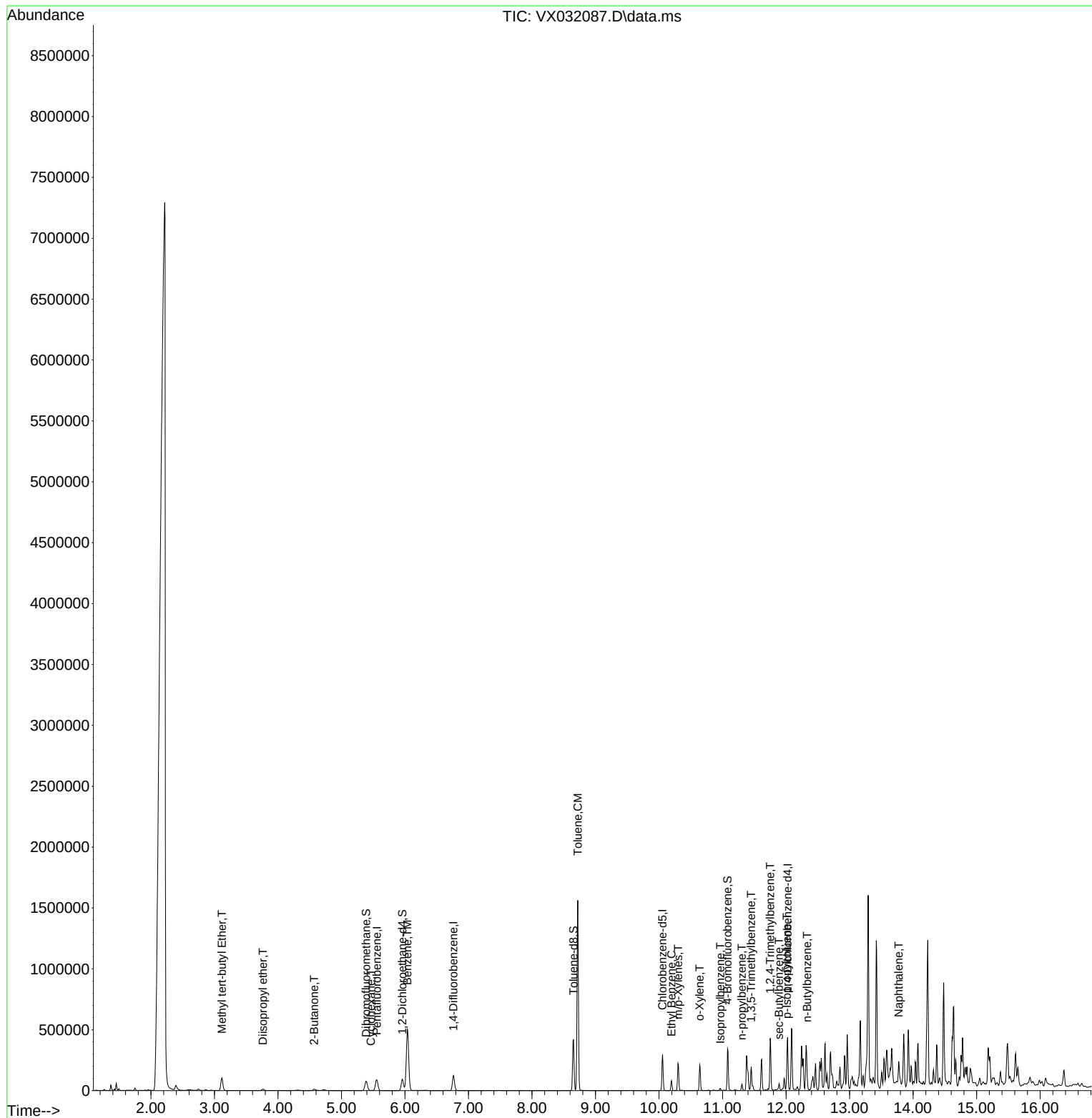
Internal Standards						
1) Pentafluorobenzene	5.556	168	80481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90209	54.274	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.540%			
35) Dibromofluoromethane	5.385	113	65172	46.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.620%			
50) Toluene-d8	8.653	98	244378	48.783	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.560%			
62) 4-Bromofluorobenzene	11.079	95	86457	48.818	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.640%			
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	107343	26.094	ug/l	98
22) Diisopropyl ether	3.763	45	12485	3.184	ug/l	89
25) 2-Butanone	4.568	43	20350	23.045	ug/l	99
31) Cyclohexane	5.464	56	1072	0.540	ug/l #	70
40) Benzene	6.037	78	591128	109.351	ug/l	99
52) Toluene	8.720	92	554458	156.871	ug/l	99
67) Ethyl Benzene	10.195	91	43393	6.821	ug/l	98
68) m/p-Xylenes	10.299	106	50551	19.995	ug/l	97
69) o-Xylene	10.640	106	43947	17.884	ug/l	96
73) Isopropylbenzene	10.963	105	9296	1.511	ug/l	98
78) n-propylbenzene	11.305	91	30536	4.364	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	77396	15.168	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	182950	35.294	ug/l	99
85) sec-Butylbenzene	11.890	105	23811	3.808	ug/l	99
86) p-Isopropyltoluene	12.012	119	18279	3.472	ug/l	98
89) n-Butylbenzene	12.329	91	52738	11.963	ug/l #	32
95) Naphthalene	13.774	128	115398	19.340	ug/l	96

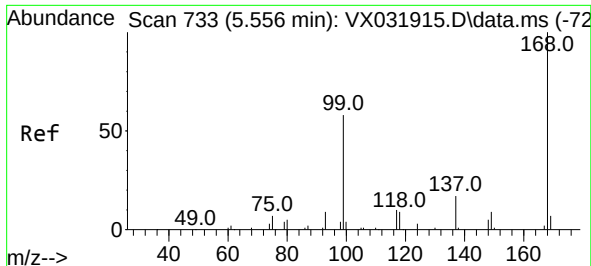
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 13 09:16:59 2022
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Quant Title : SW846 8260
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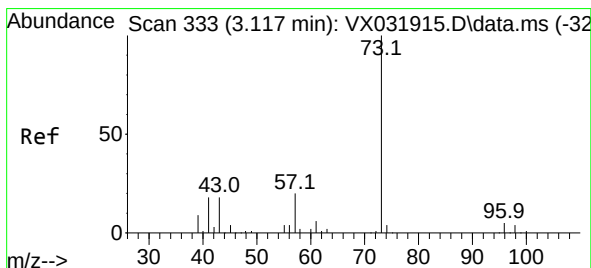
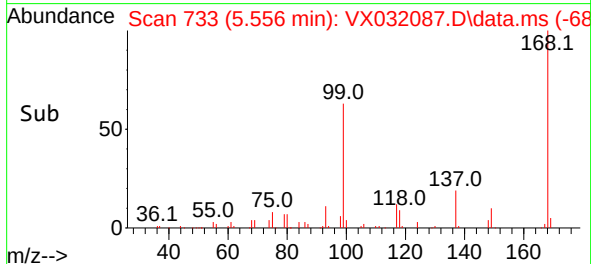
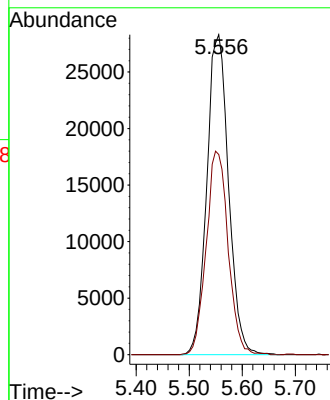
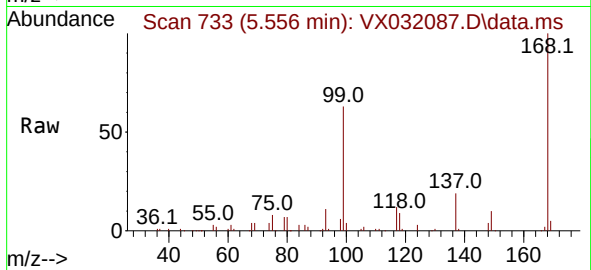




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

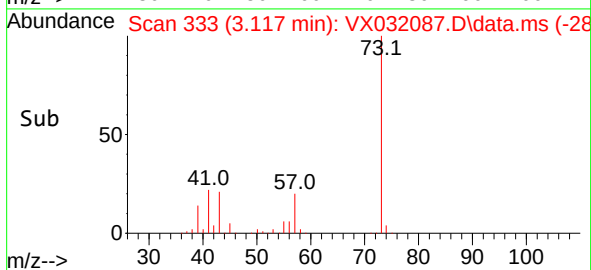
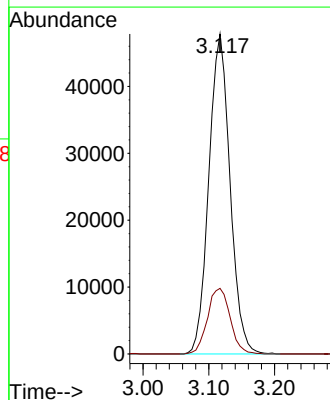
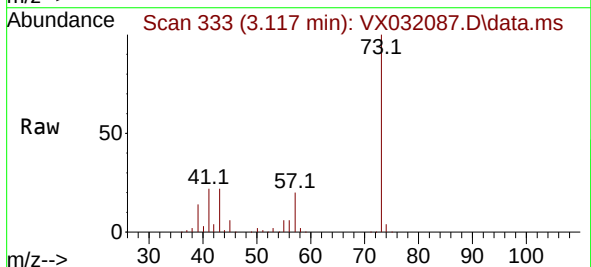
Instrument :
MSVOA_X
ClientSampleId :
EOR-0632

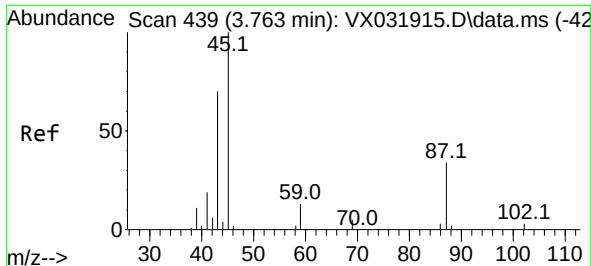
Tgt Ion:168 Resp: 80481
Ion Ratio Lower Upper
168 100
99 62.5 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 26.094 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

Tgt Ion: 73 Resp: 107343
Ion Ratio Lower Upper
73 100
57 20.5 17.2 25.8

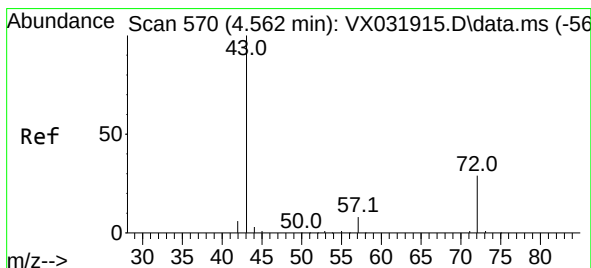
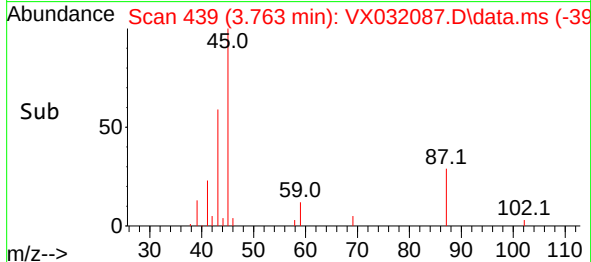
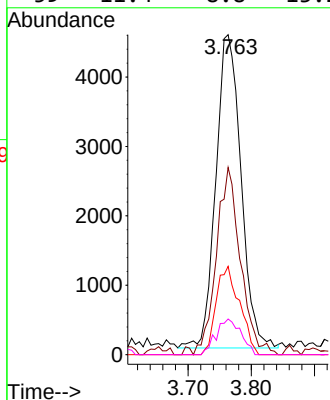
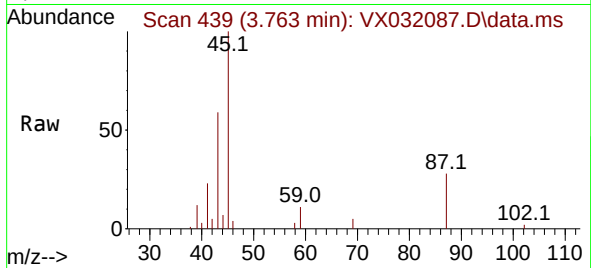




#22
Diisopropyl ether
Concen: 3.184 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

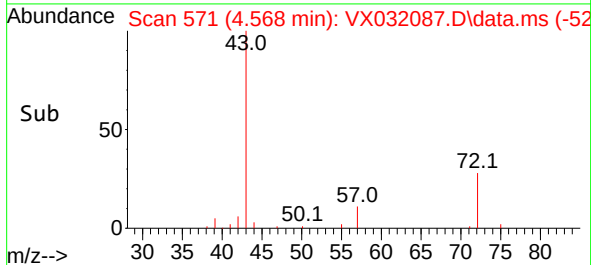
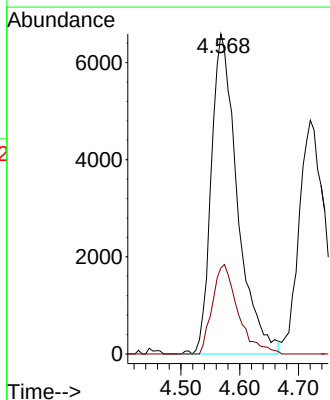
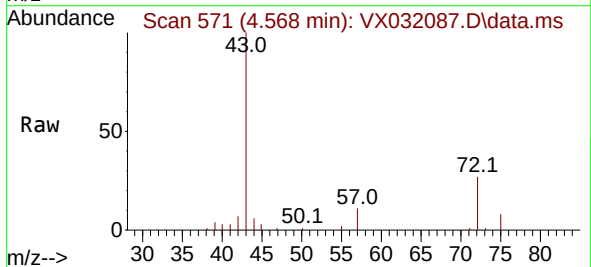
Instrument :
MSVOA_X
ClientSampleId :
EOR-0632

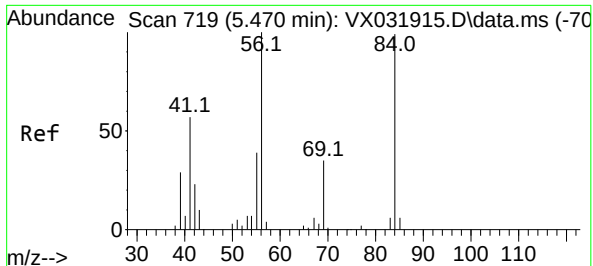
Tgt Ion:	45	Resp:	12485
Ion	Ratio	Lower	Upper
45	100		
43	59.8	59.0	88.6
87	28.2	22.6	33.8
59	11.4	8.8	13.2



#25
2-Butanone
Concen: 23.045 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

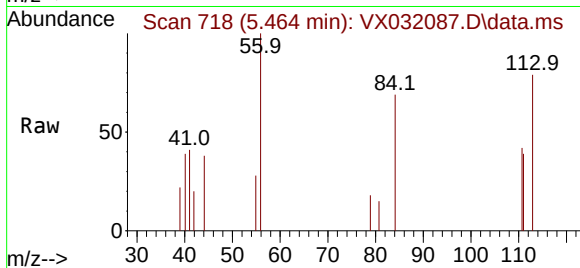
Tgt Ion:	43	Resp:	20350
Ion	Ratio	Lower	Upper
43	100		
72	26.9	21.1	31.7



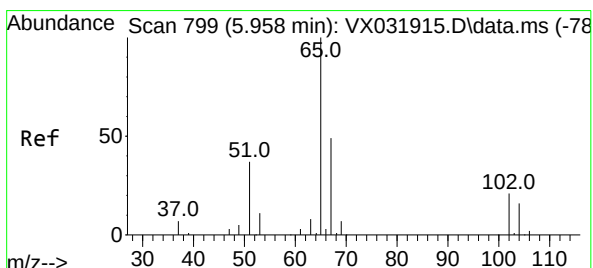
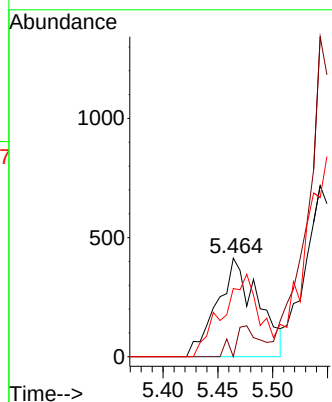
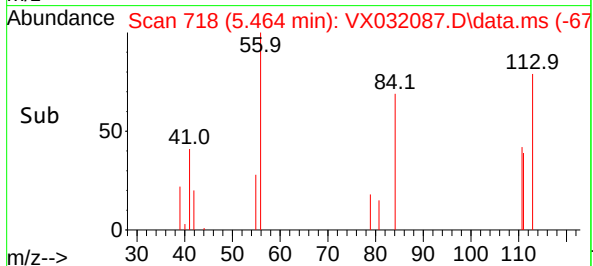


#31
Cyclohexane
Concen: 0.540 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
EOR-0632

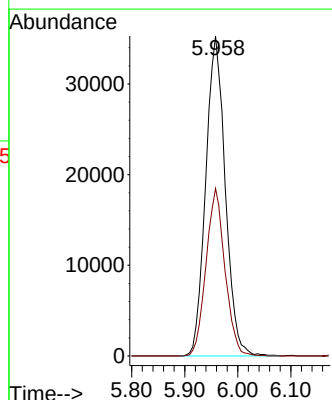
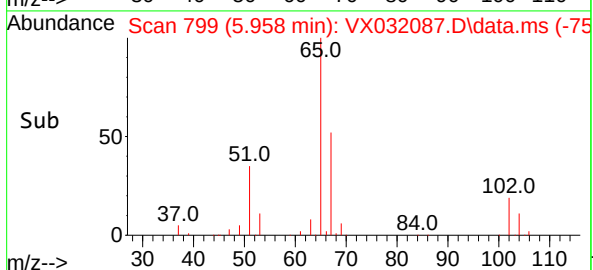
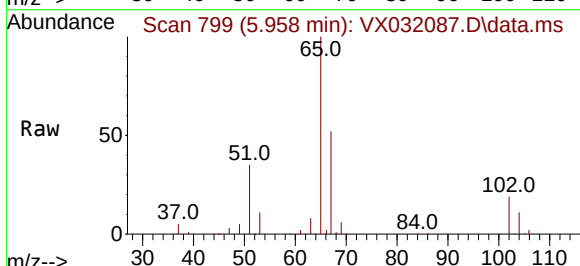


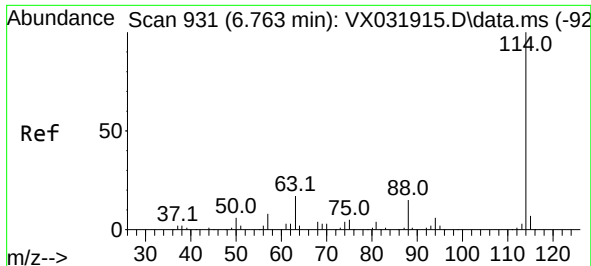
Tgt Ion: 56 Resp: 1072
Ion Ratio Lower Upper
56 100
69 0.0 25.1 37.7#
84 69.1 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 54.274 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

Tgt Ion: 65 Resp: 90209
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.4

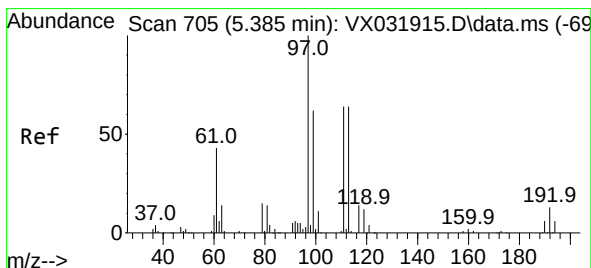
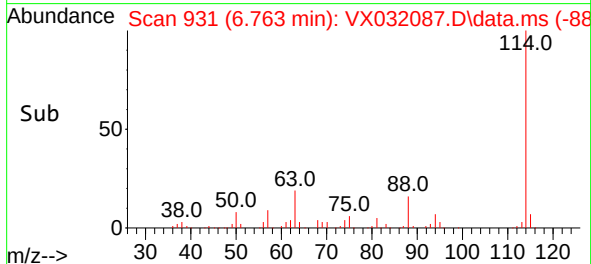
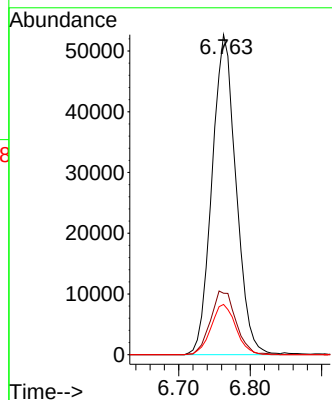
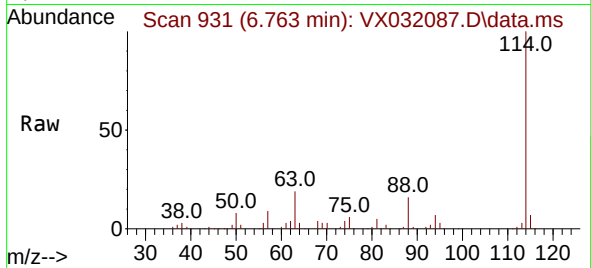




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

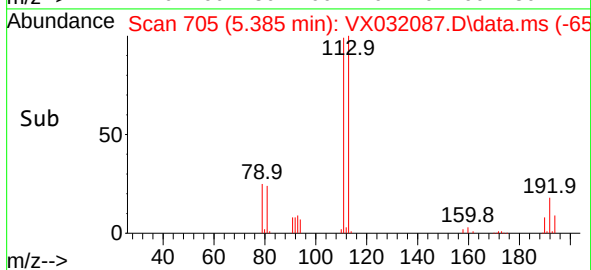
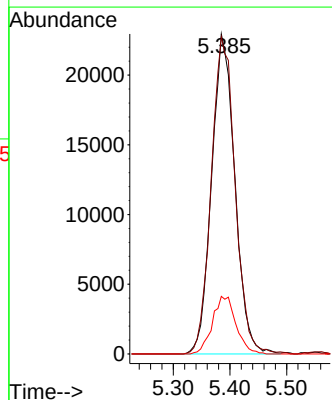
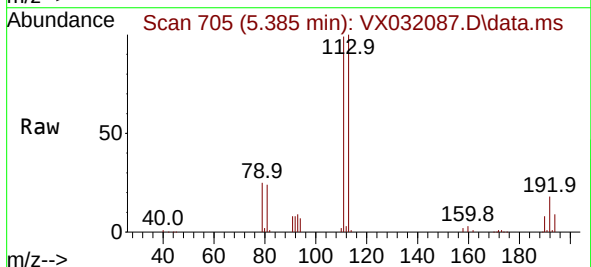
Instrument :
MSVOA_X
ClientSampleId :
EOR-0632

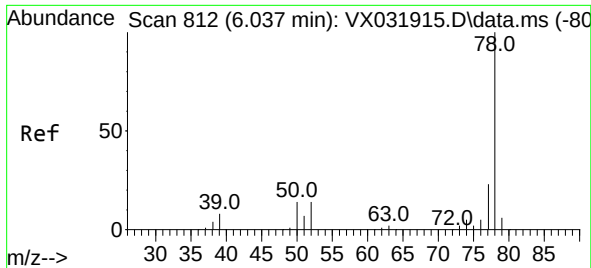
Tgt Ion:114 Resp: 122990
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.813 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

Tgt Ion:113 Resp: 65172
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 18.3 14.1 21.1

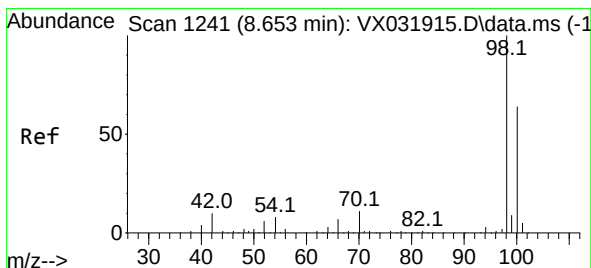
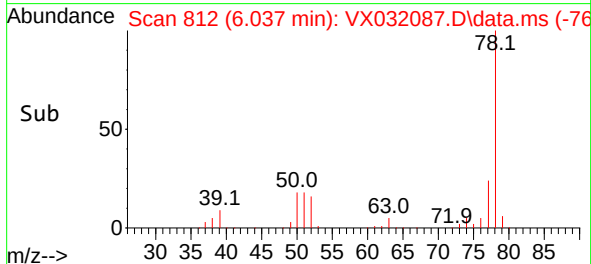
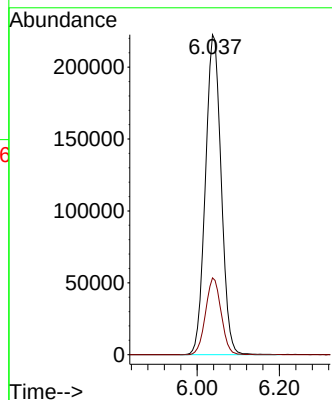
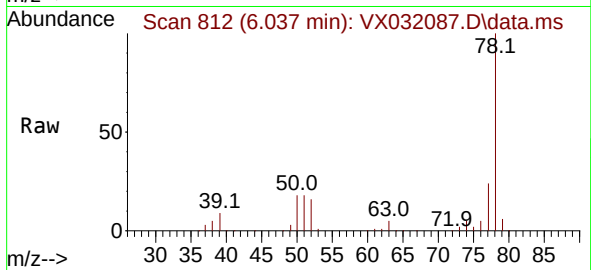




#40
Benzene
Concen: 109.351 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

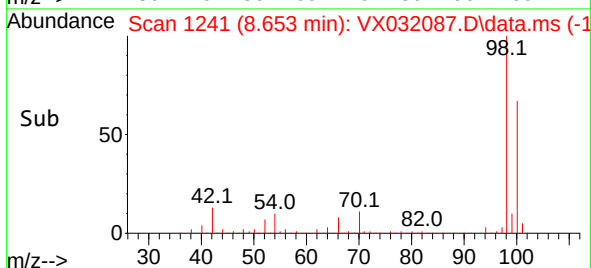
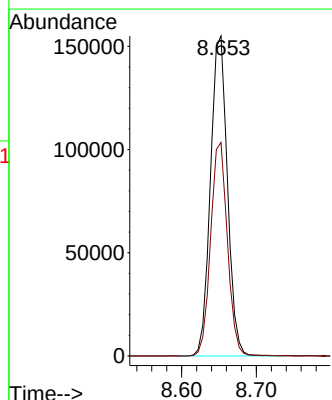
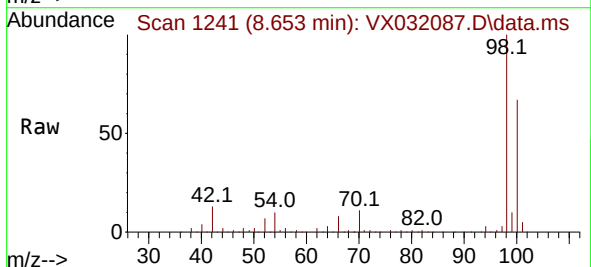
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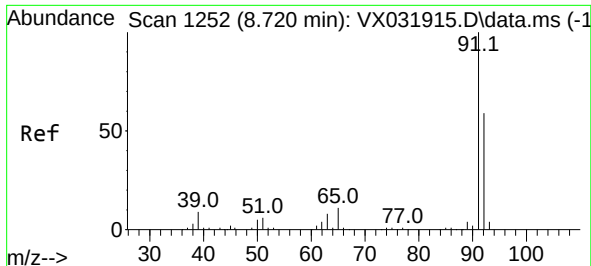
Tgt Ion: 78 Resp: 591128
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1



#50
Toluene-d8
Concen: 48.783 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

Tgt Ion: 98 Resp: 244378
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

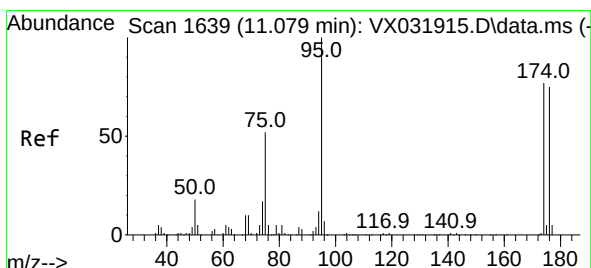
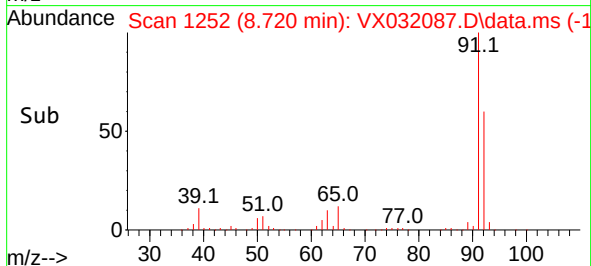
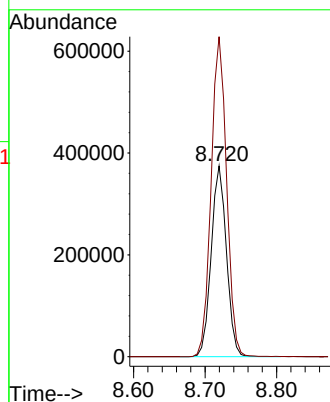
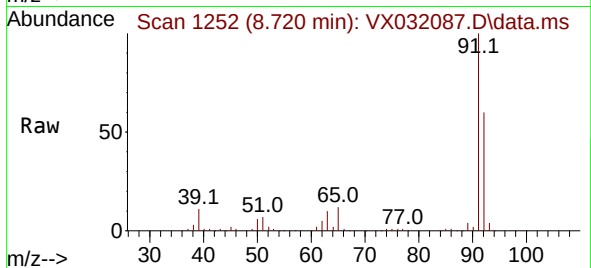




#52
Toluene
Concen: 156.871 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

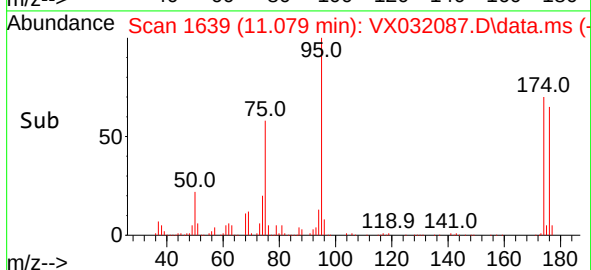
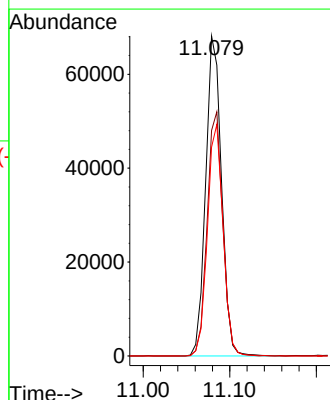
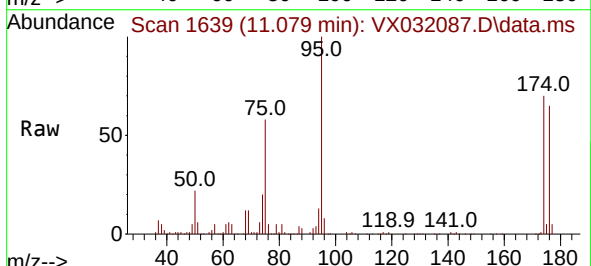
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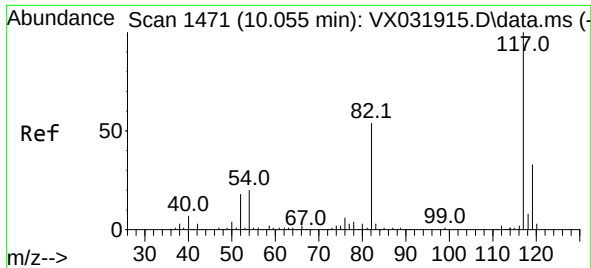
Tgt Ion: 92 Resp: 554458
Ion Ratio Lower Upper
92 100
91 170.1 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 48.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

Tgt Ion: 95 Resp: 86457
Ion Ratio Lower Upper
95 100
174 75.7 0.0 153.2
176 71.8 0.0 144.0

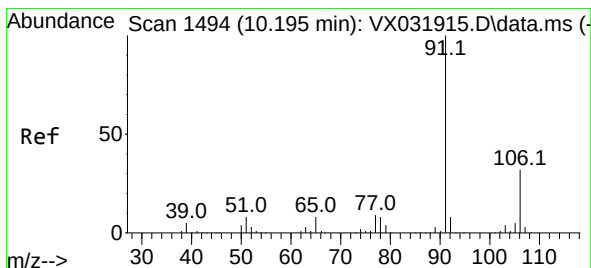
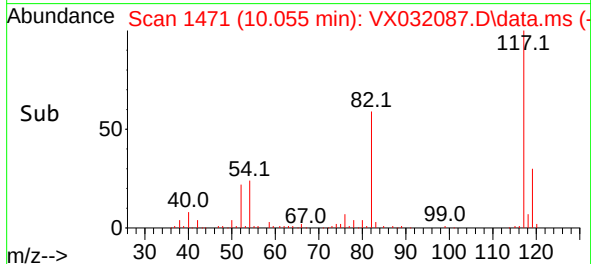
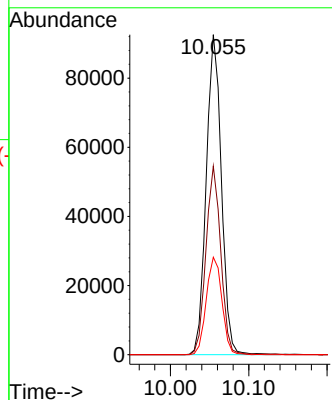
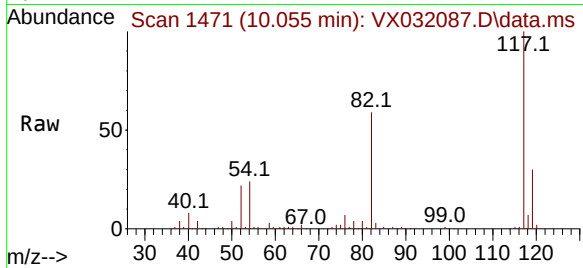




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

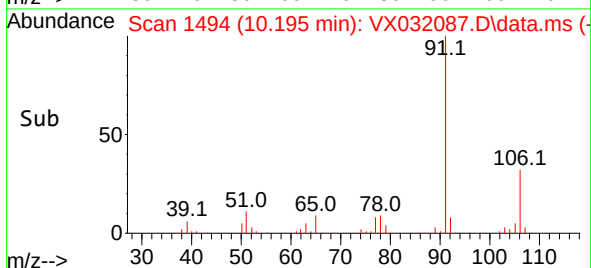
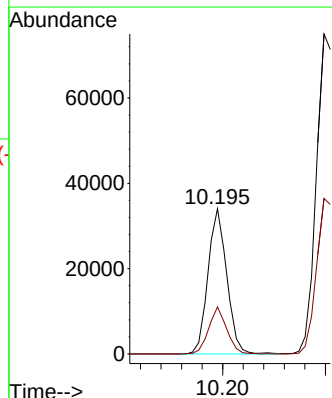
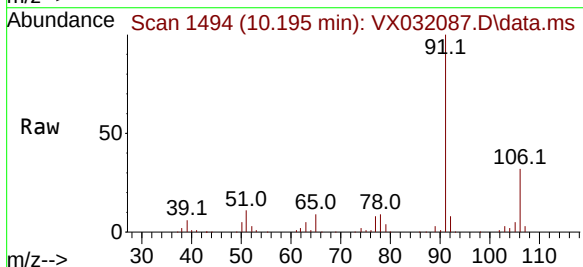
Instrument :
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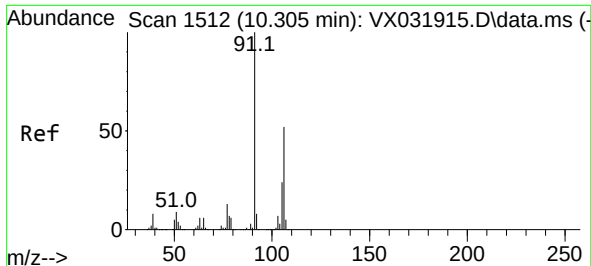
Tgt Ion:117 Resp: 124114
Ion Ratio Lower Upper
117 100
82 58.9 46.8 70.2
119 30.5 26.4 39.6



#67
Ethyl Benzene
Concen: 6.821 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

Tgt Ion: 91 Resp: 43393
Ion Ratio Lower Upper
91 100
106 32.4 25.2 37.8

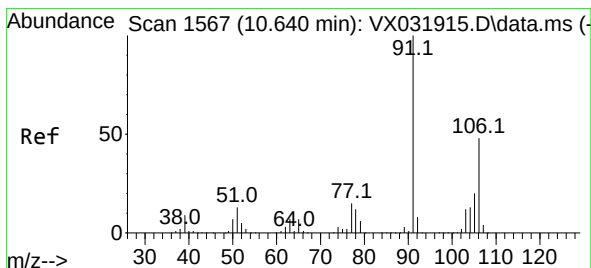
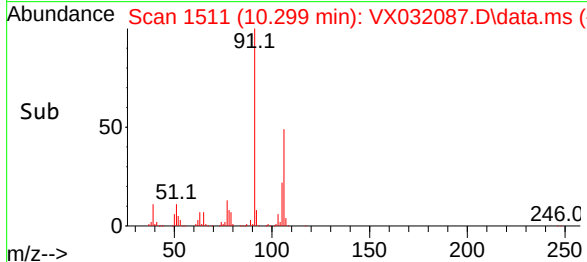
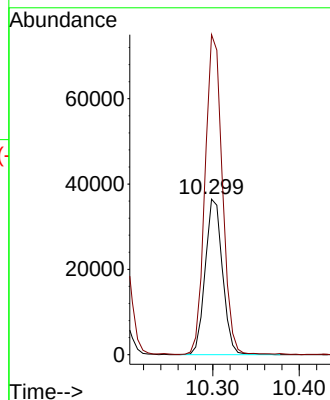
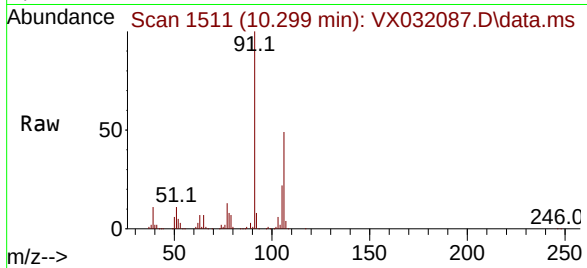




#68
m/p-Xylenes
Concen: 19.995 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

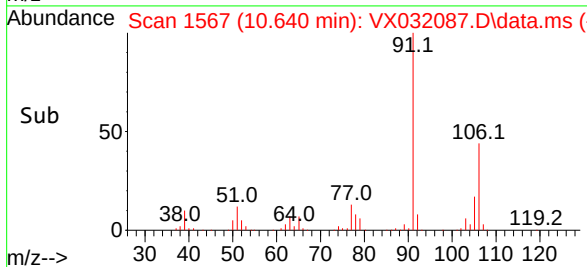
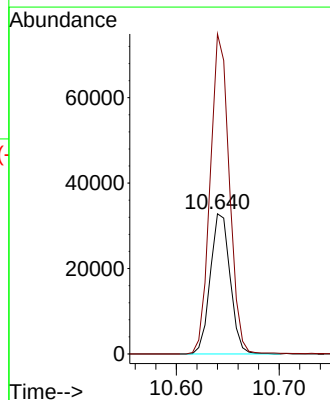
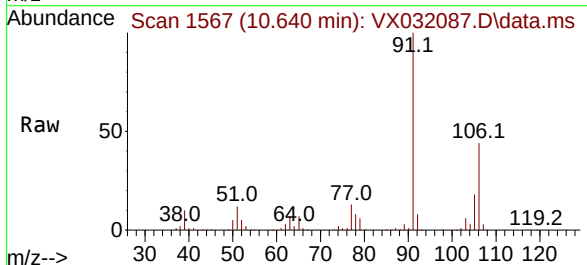
Instrument :
MSVOA_X
ClientSampleId :
EOR-0632

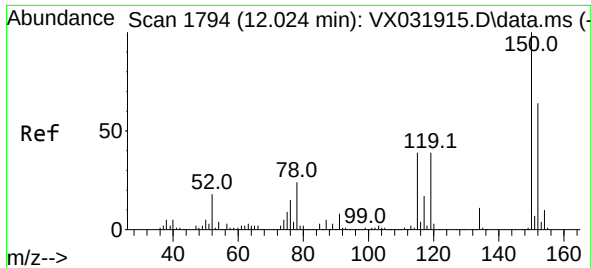
Tgt Ion:106 Resp: 50551
Ion Ratio Lower Upper
106 100
91 205.4 161.0 241.4



#69
o-Xylene
Concen: 17.884 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

Tgt Ion:106 Resp: 43947
Ion Ratio Lower Upper
106 100
91 220.8 107.2 321.6

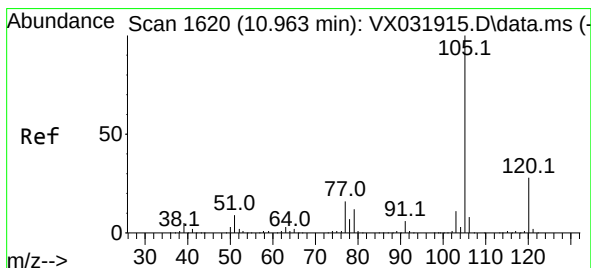
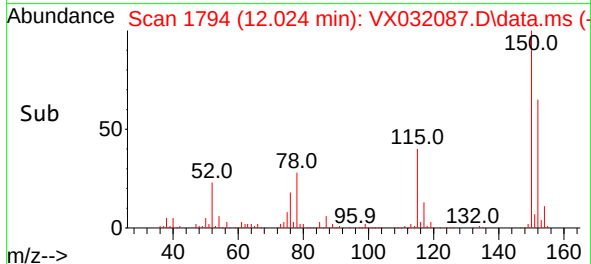
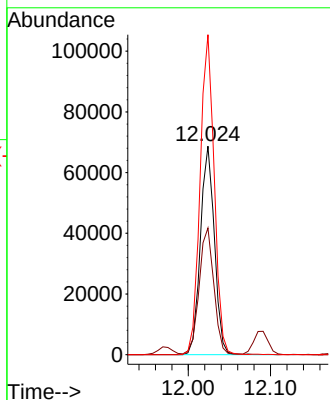
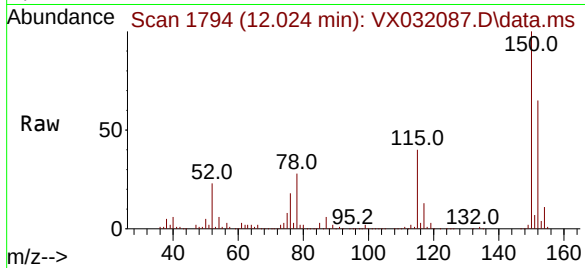




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

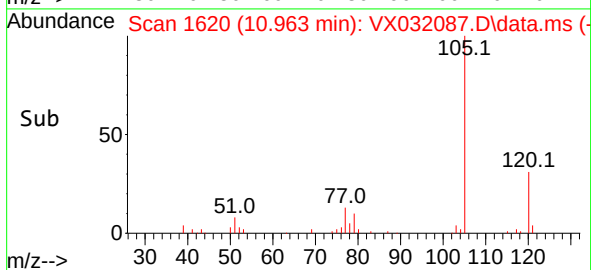
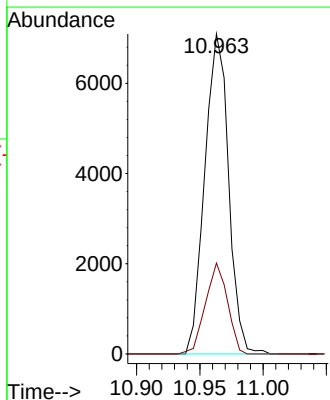
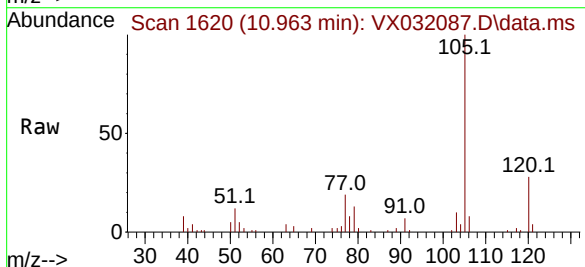
Instrument :
MSVOA_X
ClientSampleId :
EOR-0632

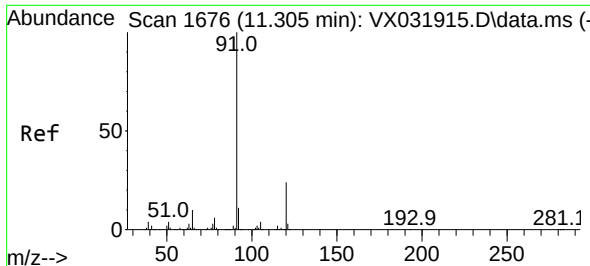
Tgt Ion:152 Resp: 81573
Ion Ratio Lower Upper
152 100
115 63.9 43.4 130.1
150 154.6 0.0 346.8



#73
Isopropylbenzene
Concen: 1.511 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

Tgt Ion:105 Resp: 9296
Ion Ratio Lower Upper
105 100
120 26.2 13.7 41.0

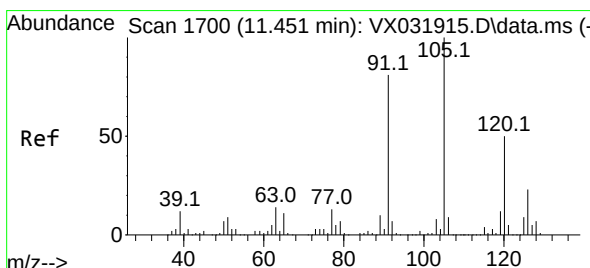
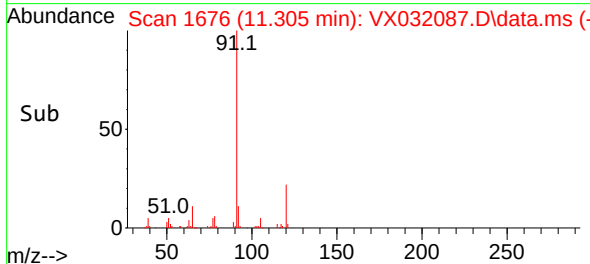
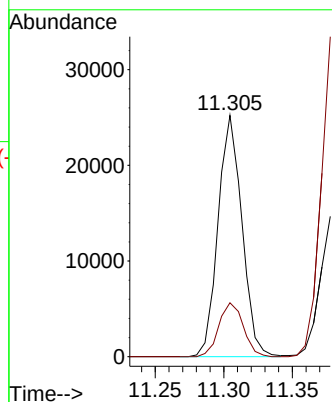
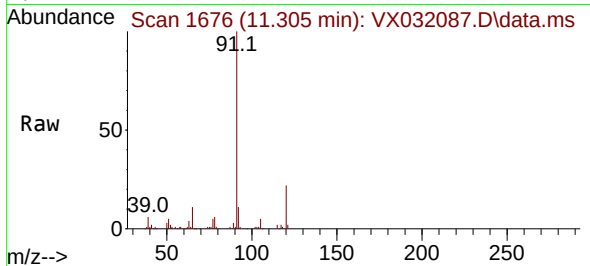




#78
n-propylbenzene
Concen: 4.364 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

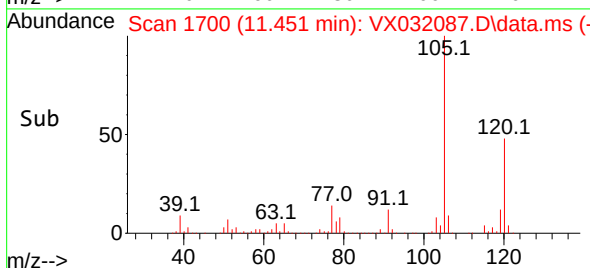
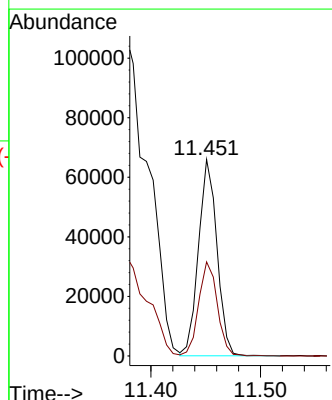
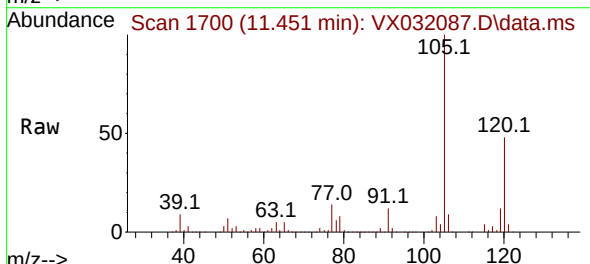
Instrument :
MSVOA_X
ClientSampleId :
EOR-0632

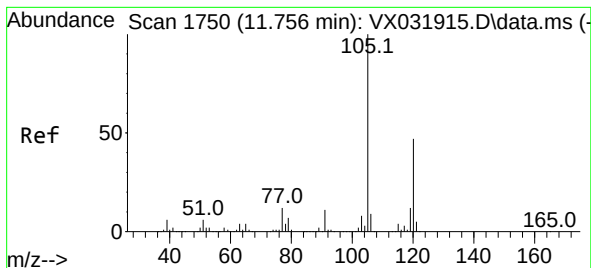
Tgt Ion: 91 Resp: 30536
Ion Ratio Lower Upper
91 100
120 22.9 11.8 35.4



#80
1,3,5-Trimethylbenzene
Concen: 15.168 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

Tgt Ion: 105 Resp: 77396
Ion Ratio Lower Upper
105 100
120 47.8 24.5 73.5





#84

1,2,4-Trimethylbenzene

Concen: 35.294 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032087.D

Acq: 12 Oct 2022 16:18

Instrument :

MSVOA_X

ClientSampleId :

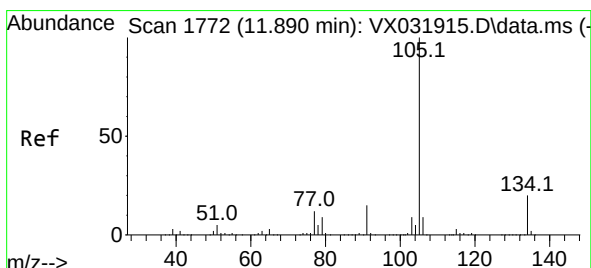
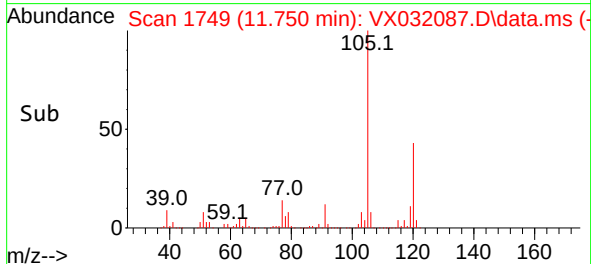
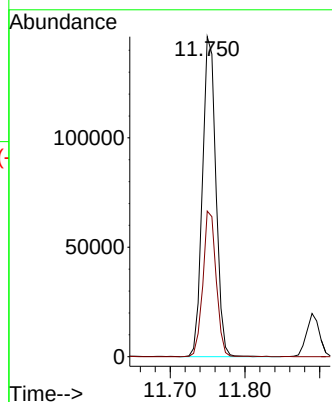
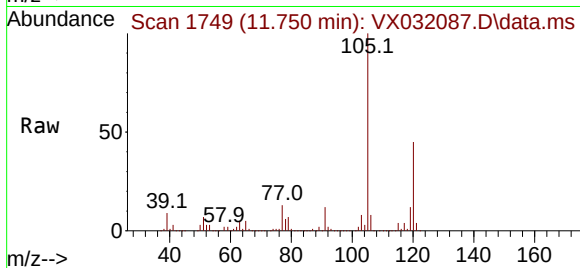
EOR-0632

Tgt Ion:105 Resp: 182950

Ion Ratio Lower Upper

105 100

120 44.8 22.6 67.8



#85

sec-Butylbenzene

Concen: 3.808 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX032087.D

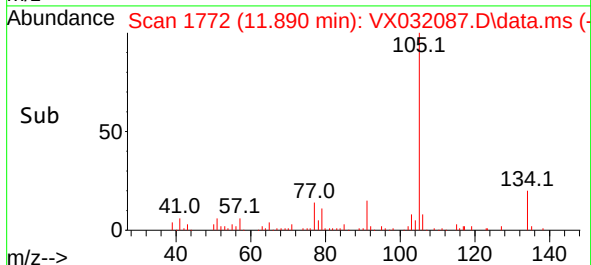
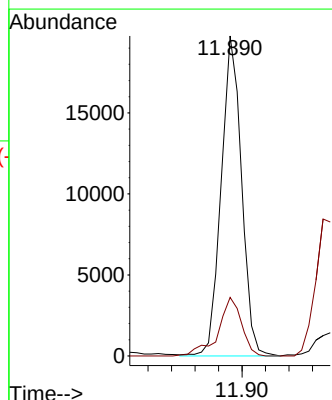
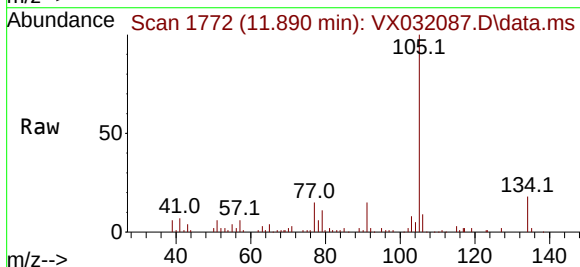
Acq: 12 Oct 2022 16:18

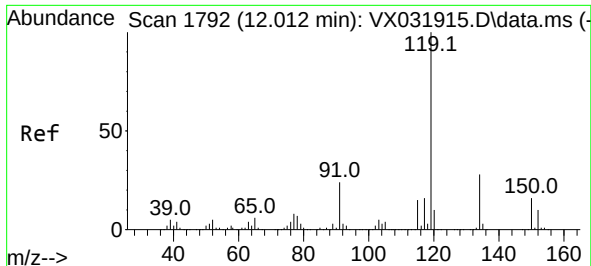
Tgt Ion:105 Resp: 23811

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1

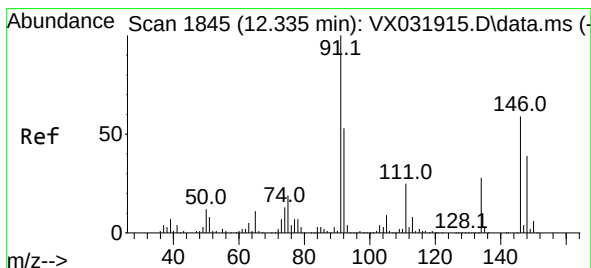
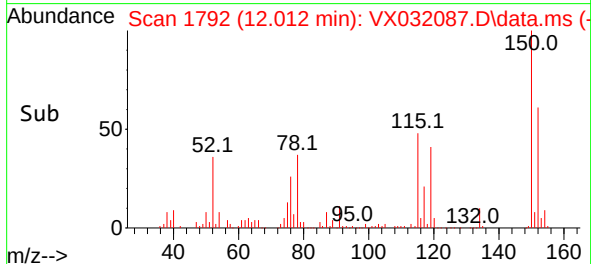
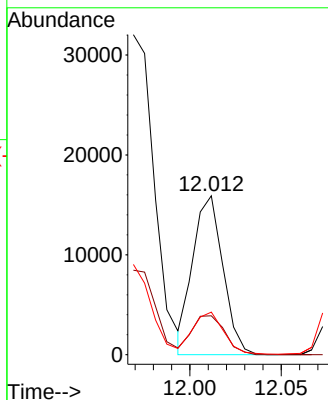
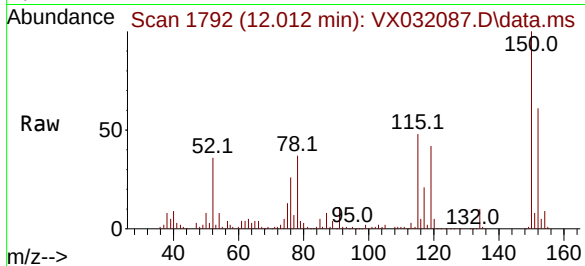




#86
p-Isopropyltoluene
Concen: 3.472 ug/l
RT: 12.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

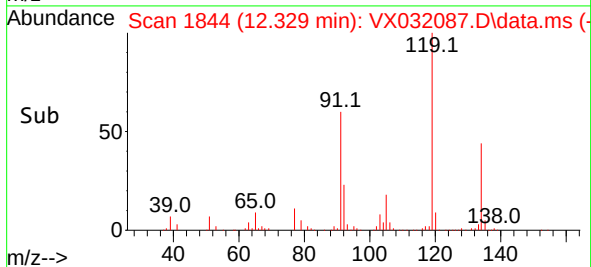
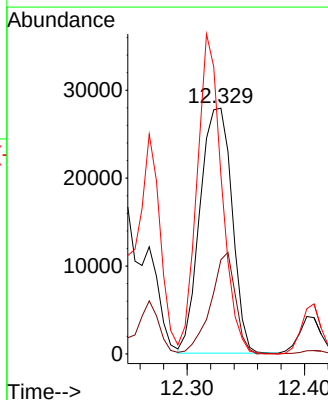
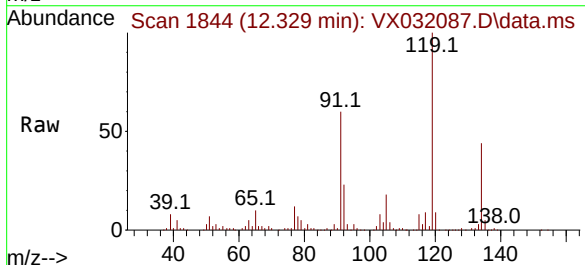
Instrument :
MSVOA_X
ClientSampleId :
EOR-0632

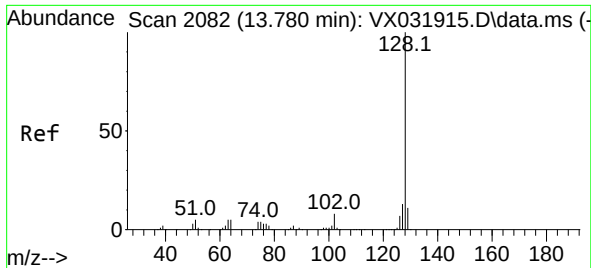
Tgt Ion:119 Resp: 18279
Ion Ratio Lower Upper
119 100
134 27.0 13.4 40.2
91 26.9 12.4 37.2



#89
n-Butylbenzene
Concen: 11.963 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

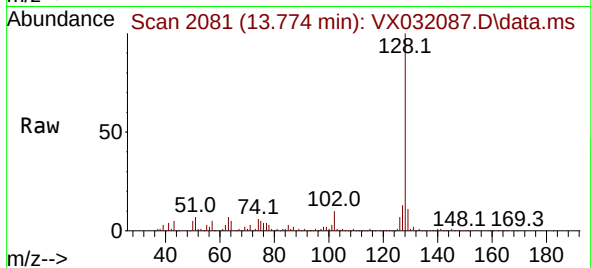
Tgt Ion: 91 Resp: 52738
Ion Ratio Lower Upper
91 100
92 32.0 27.0 81.0
134 100.7 13.3 39.9#





#95
Naphthalene
Concen: 19.340 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032087.D
Acq: 12 Oct 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
EOR-0632



Tgt Ion:128 Resp: 115398
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 13.0 8.8 13.2

