

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030370.D
 Acq On : 03 Aug 2022 15:00
 Operator : JC/MD
 Sample : N3988-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 63022-E

Quant Time: Aug 03 15:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

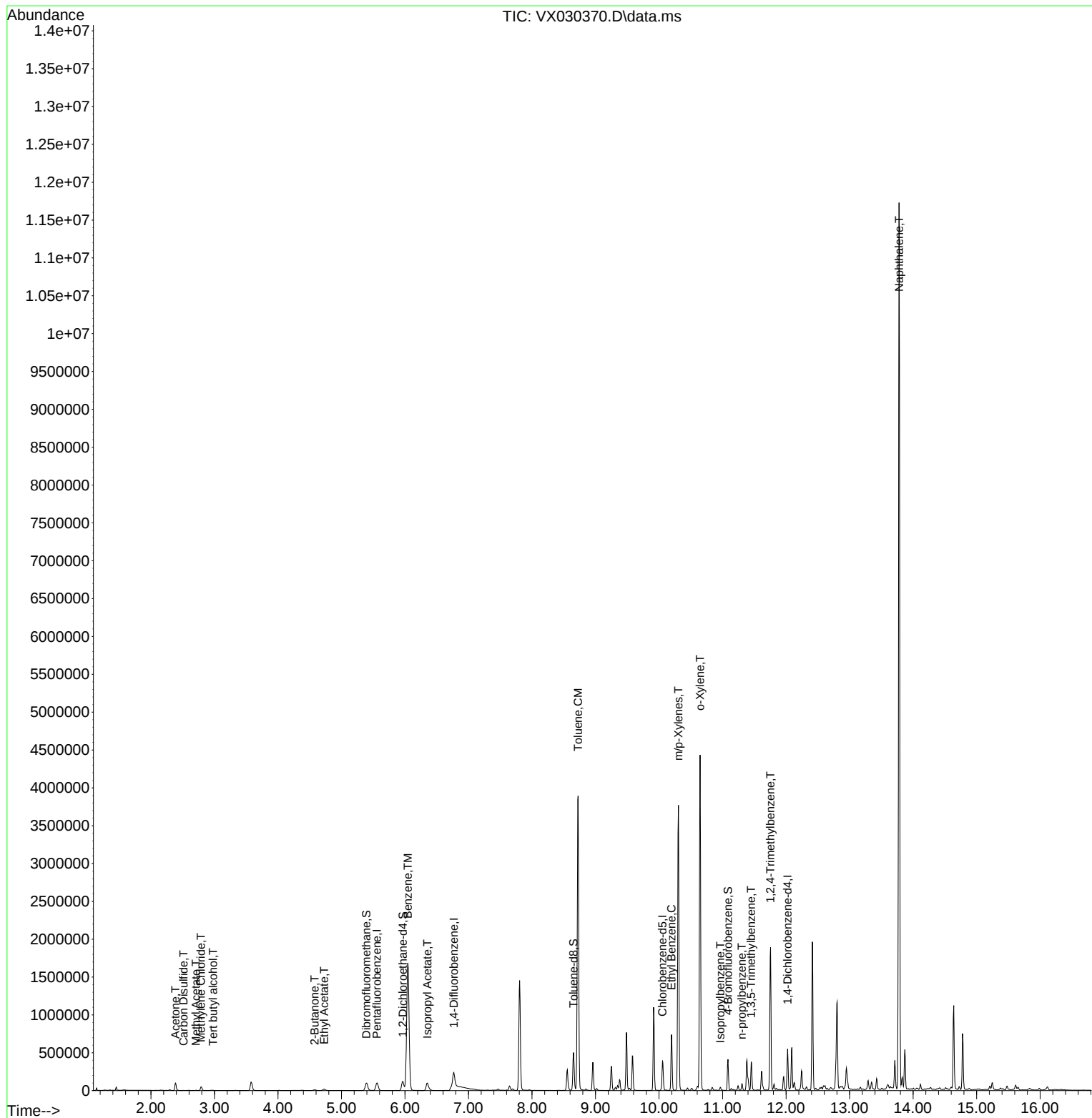
Internal Standards						
1) Pentafluorobenzene	5.555	168	91428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	176704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	118120	64.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 128.560%#			
35) Dibromofluoromethane	5.391	113	89070	52.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.460%			
50) Toluene-d8	8.652	98	288574	44.113	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.220%			
62) 4-Bromofluorobenzene	11.085	95	105410	43.418	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.840%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	6321	14.101	ug/l	98
16) Acetone	2.385	43	106010	112.678	ug/l	90
17) Carbon Disulfide	2.513	76	1985	0.515	ug/l	98
18) Methyl Acetate	2.708	43	5918	2.127	ug/l	100
20) Methylene Chloride	2.788	84	22080	11.752	ug/l #	95
25) 2-Butanone	4.574	43	16749	10.594	ug/l	99
37) Ethyl Acetate	4.726	43	33953	9.863	ug/l	100
40) Benzene	6.043	78	1991352	260.359	ug/l	97
43) Isopropyl Acetate	6.354	43	136944	27.136	ug/l	95
52) Toluene	8.726	92	1449504	310.626	ug/l	100
67) Ethyl Benzene	10.195	91	407254	47.945	ug/l	96
68) m/p-Xylenes	10.305	106	820520	267.458	ug/l	90
69) o-Xylene	10.646	106	867501	286.905	ug/l	90
73) Isopropylbenzene	10.963	105	20133	2.532	ug/l	99
78) n-propylbenzene	11.304	91	51382	5.415	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	163408	24.545	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	697223	104.973	ug/l	78
95) Naphthalene	13.780	128	6602403	818.213	ug/l	96

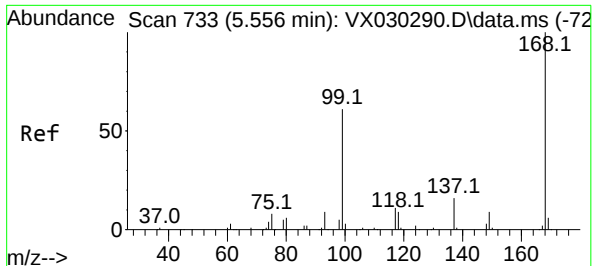
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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63022-E

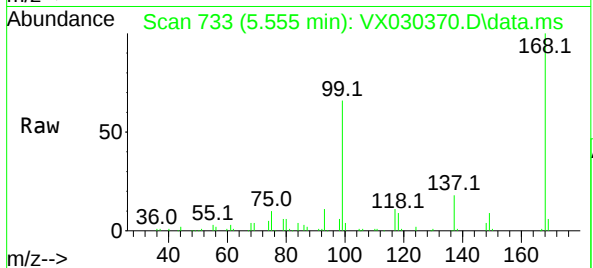
Quant Time: Aug 03 15:56:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration



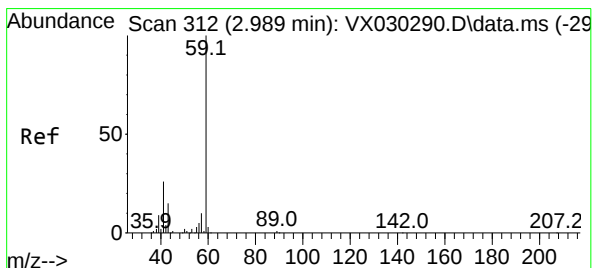
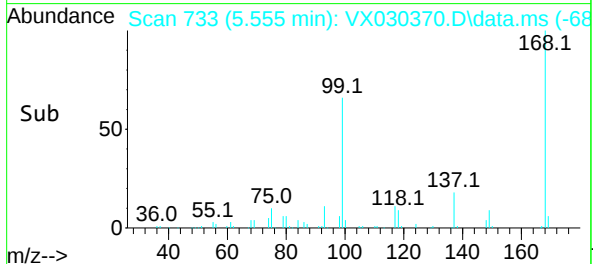
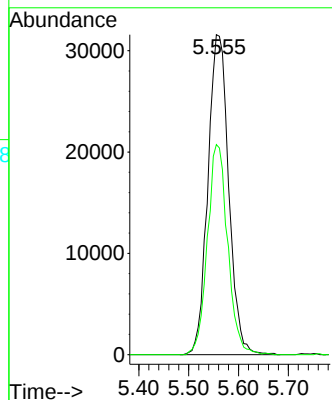


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Instrument :
MSVOA_X
ClientSampleId :
63022-E

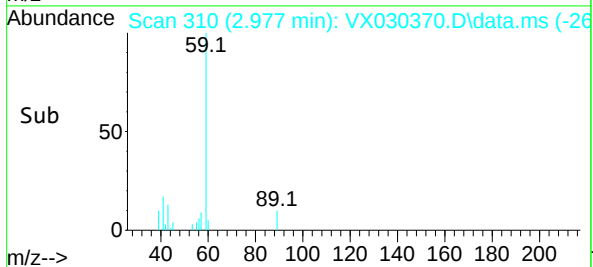
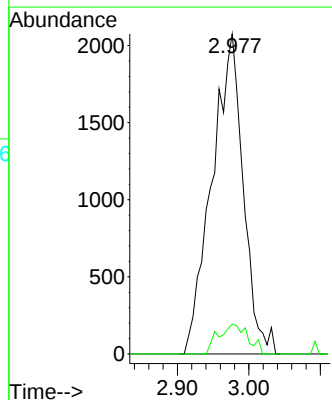
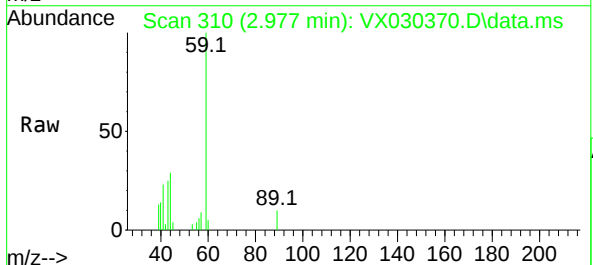


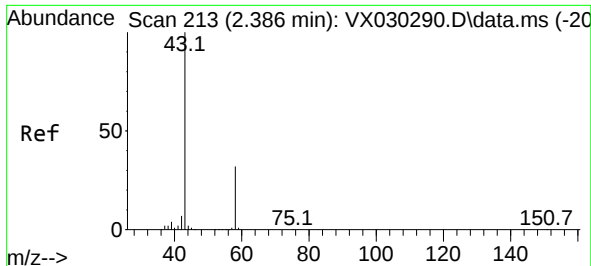
Tgt Ion:168 Resp: 91428
Ion Ratio Lower Upper
168 100
99 65.7 44.0 66.0



#11
Tert butyl alcohol
Concen: 14.101 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Tgt Ion: 59 Resp: 6321
Ion Ratio Lower Upper
59 100
57 8.7 7.4 11.2

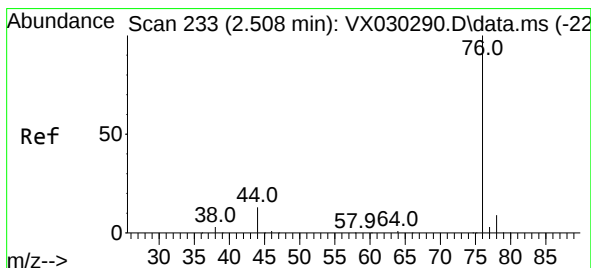
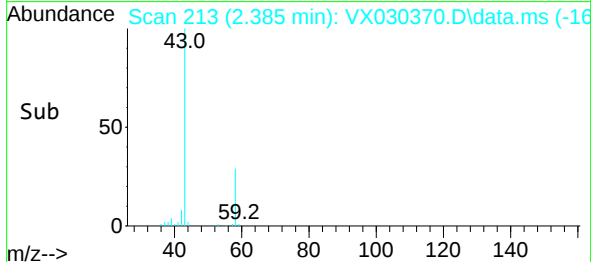
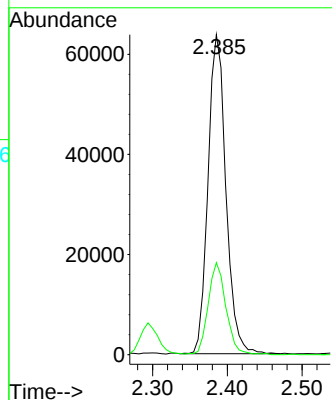
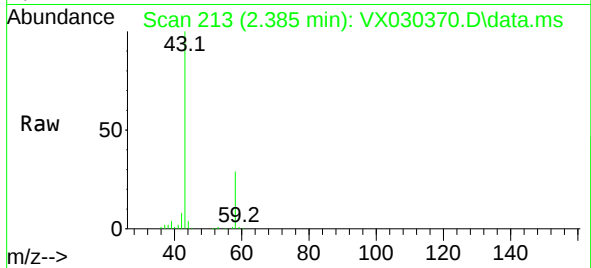




#16
Acetone
Concen: 112.678 ug/l
RT: 2.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

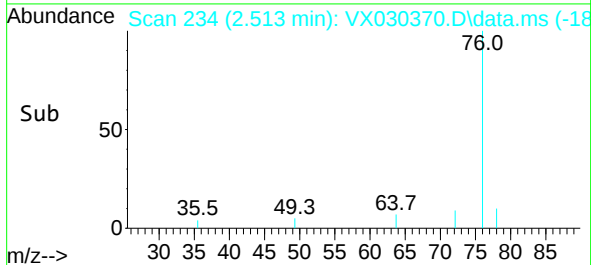
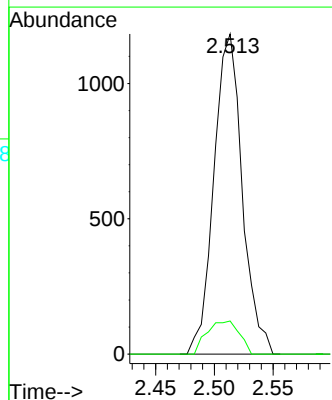
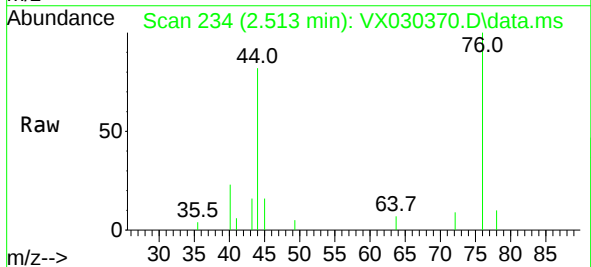
Instrument :
MSVOA_X
ClientSampleId :
63022-E

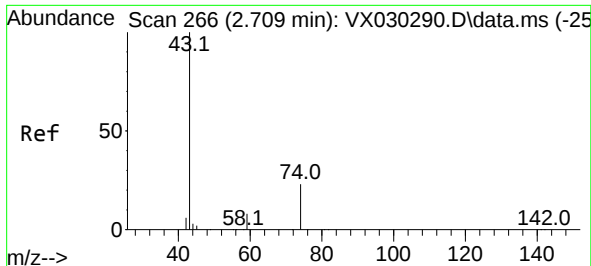
Tgt Ion: 43 Resp: 106010
Ion Ratio Lower Upper
43 100
58 28.8 27.7 41.5



#17
Carbon Disulfide
Concen: 0.515 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Tgt Ion: 76 Resp: 1985
Ion Ratio Lower Upper
76 100
78 10.3 7.8 11.6

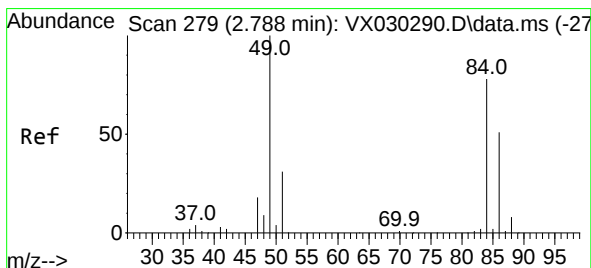
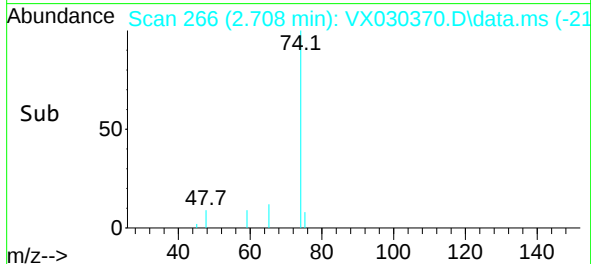
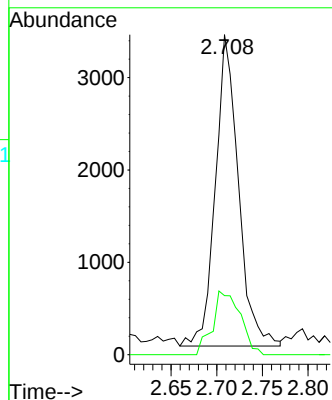
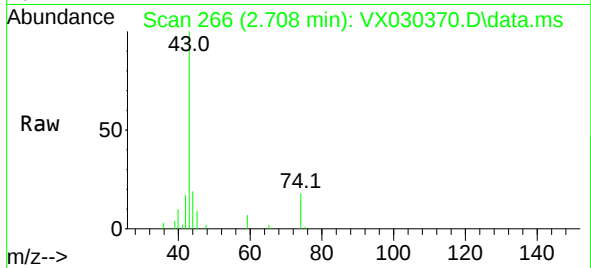




#18
Methyl Acetate
Concen: 2.127 ug/l
RT: 2.708 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

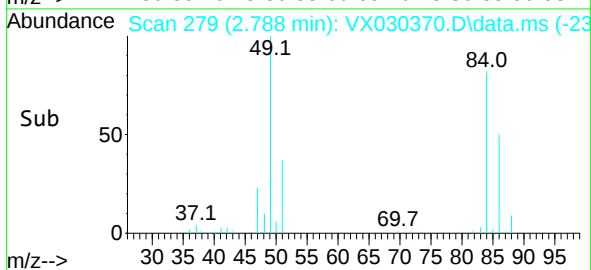
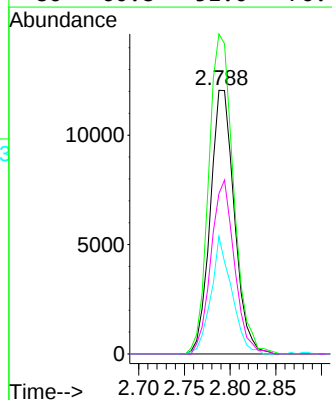
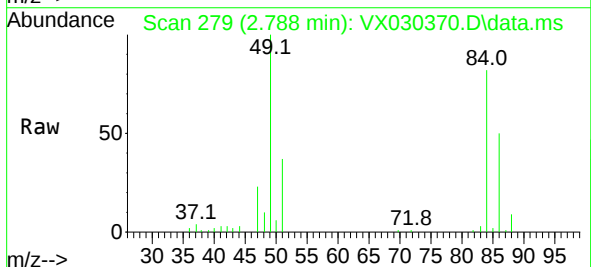
Instrument :
MSVOA_X
ClientSampleId :
63022-E

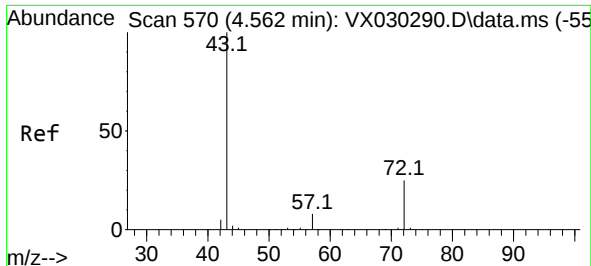
Tgt Ion: 43 Resp: 5918
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2



#20
Methylene Chloride
Concen: 11.752 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Tgt Ion: 84 Resp: 22080
Ion Ratio Lower Upper
84 100
49 121.4 93.8 140.6
51 44.6 29.4 44.0#
86 60.8 51.0 76.4





#25

2-Butanone

Concen: 10.594 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030370.D

Acq: 03 Aug 2022 15:00

Instrument :

MSVOA_X

ClientSampleId :

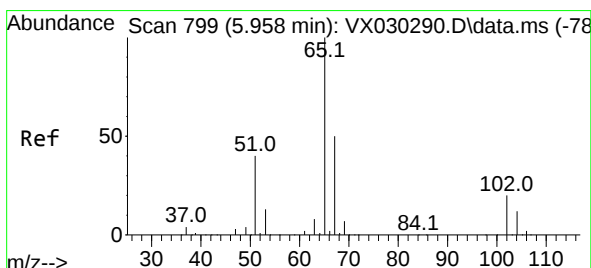
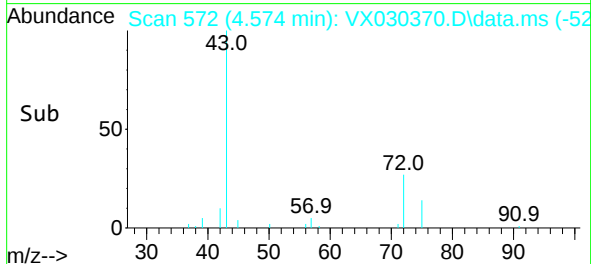
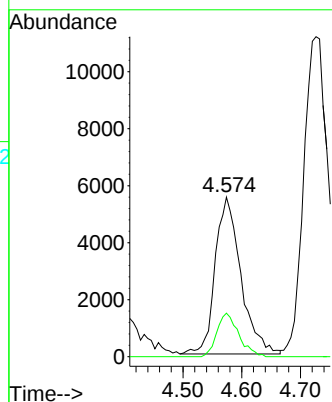
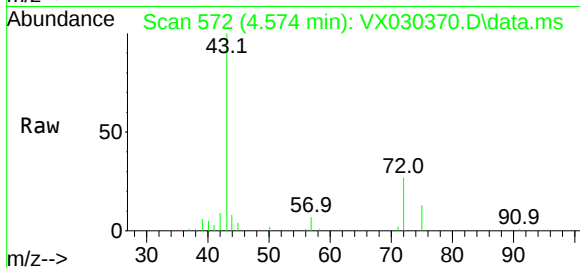
63022-E

Tgt Ion: 43 Resp: 16749

Ion Ratio Lower Upper

43 100

72 27.7 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 64.278 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX030370.D

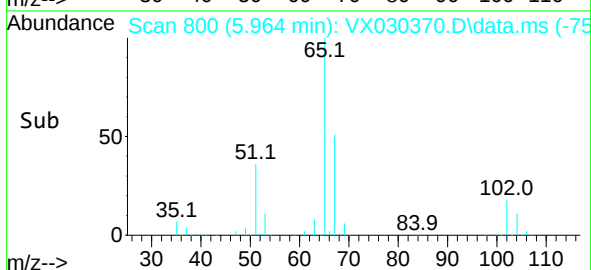
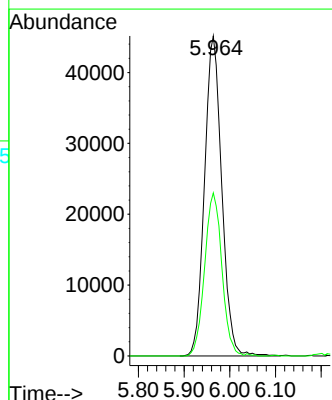
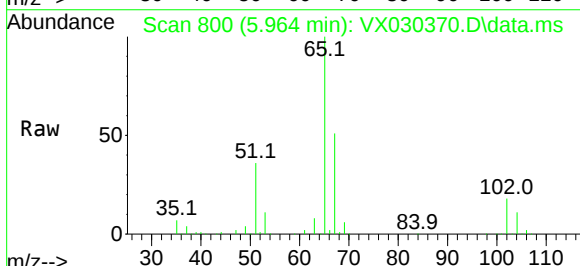
Acq: 03 Aug 2022 15:00

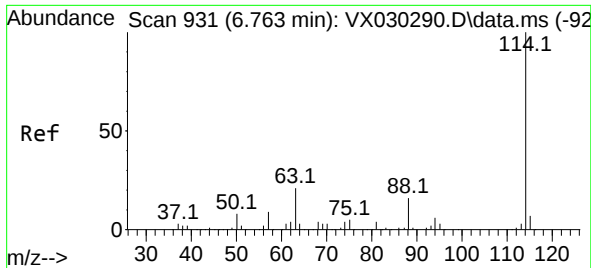
Tgt Ion: 65 Resp: 118120

Ion Ratio Lower Upper

65 100

67 50.9 0.0 109.6

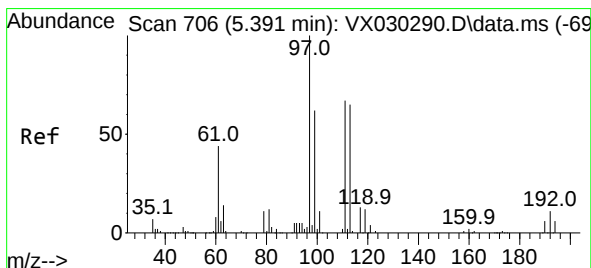
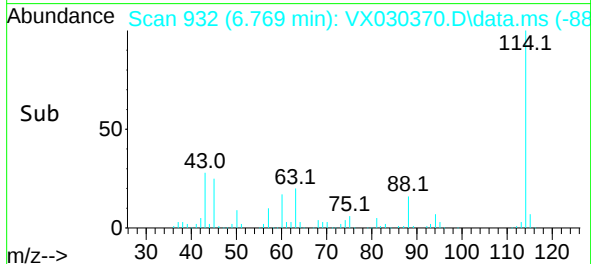
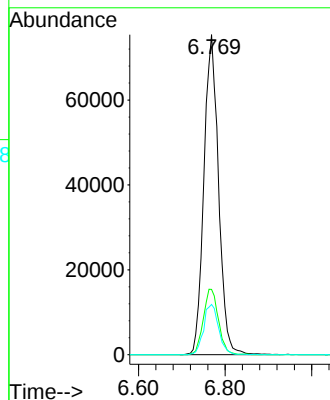
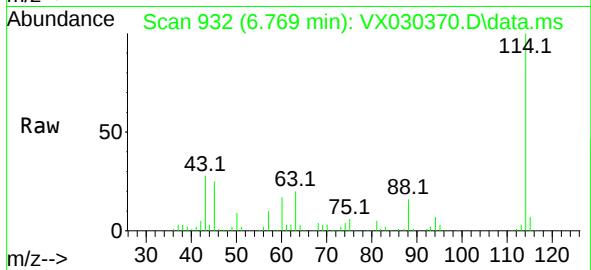




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

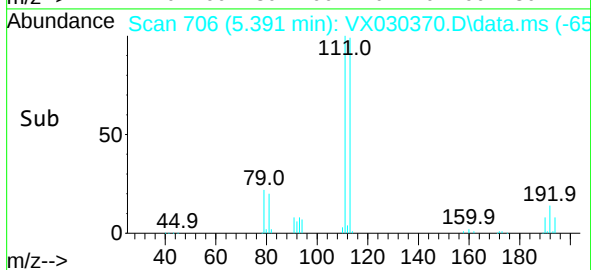
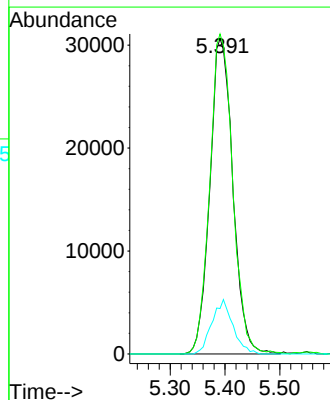
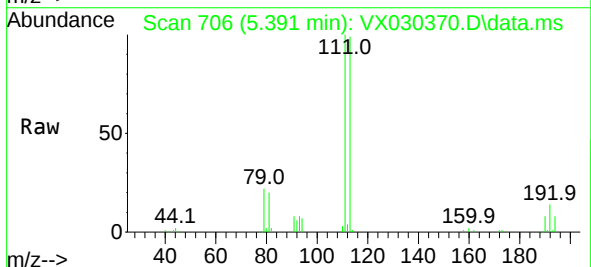
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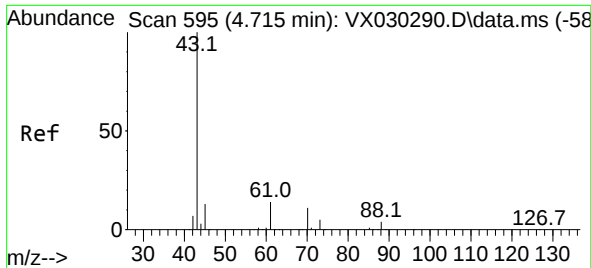
Tgt Ion:114 Resp: 176704
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.729 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Tgt Ion:113 Resp: 89070
Ion Ratio Lower Upper
113 100
111 101.6 83.2 124.8
192 15.8 14.8 22.2

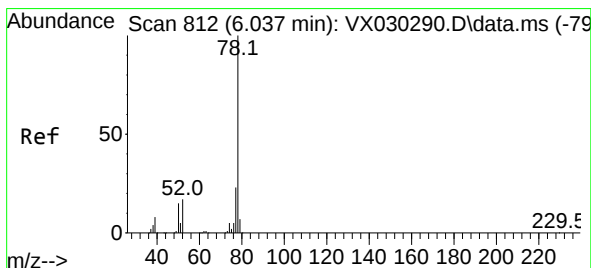
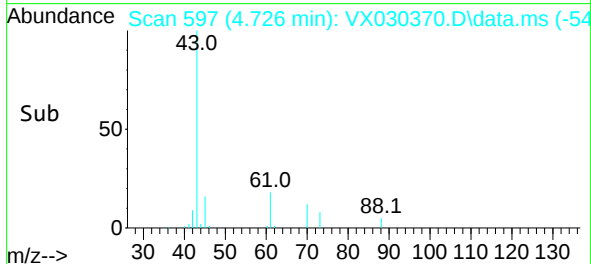
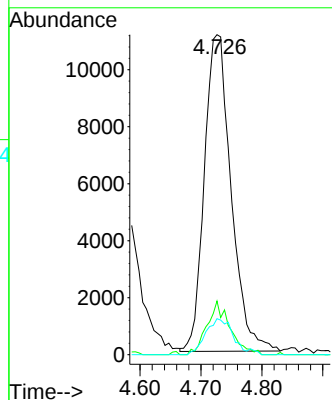
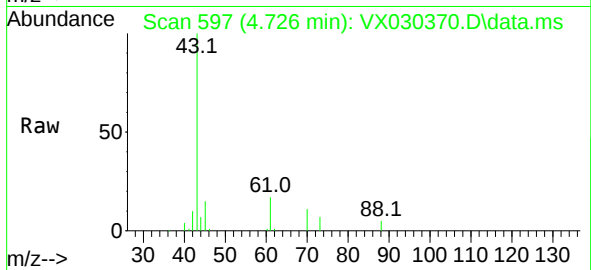




#37
Ethyl Acetate
Concen: 9.863 ug/l
RT: 4.726 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

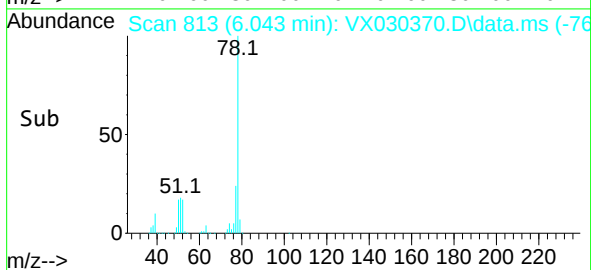
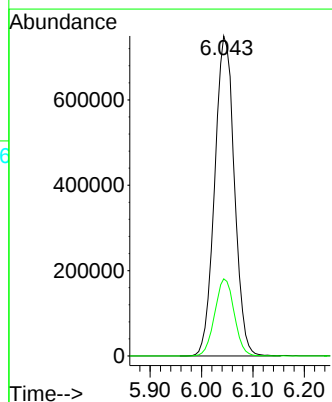
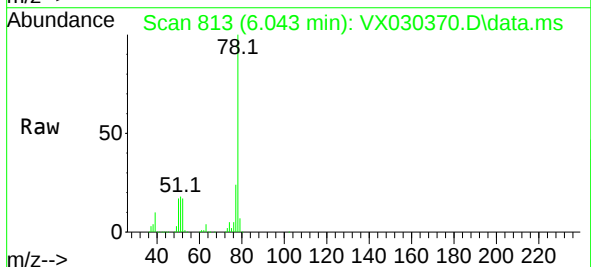
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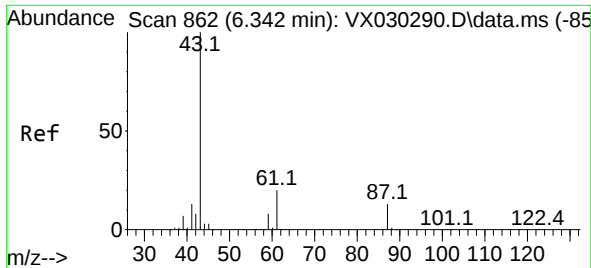
Tgt Ion: 43 Resp: 33953
Ion Ratio Lower Upper
43 100
61 14.6 11.7 17.5
70 11.3 9.3 13.9



#40
Benzene
Concen: 260.359 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Tgt Ion: 78 Resp: 1991352
Ion Ratio Lower Upper
78 100
77 24.1 18.0 27.0

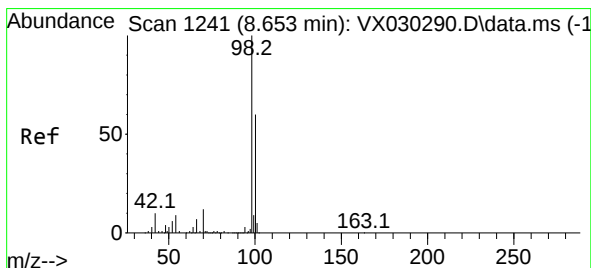
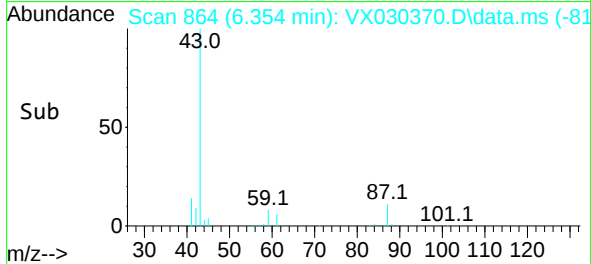
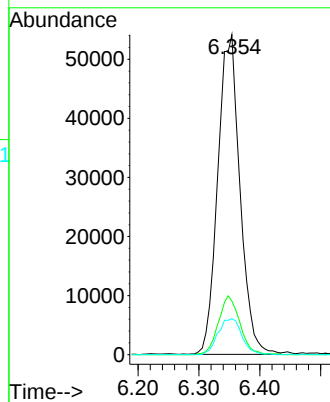
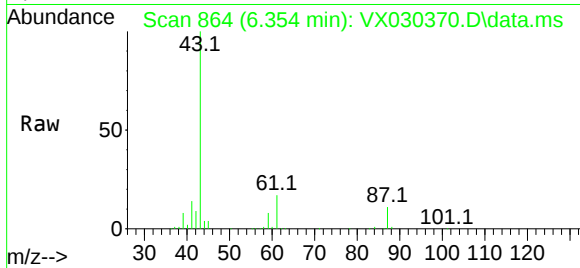




#43
Isopropyl Acetate
Concen: 27.136 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

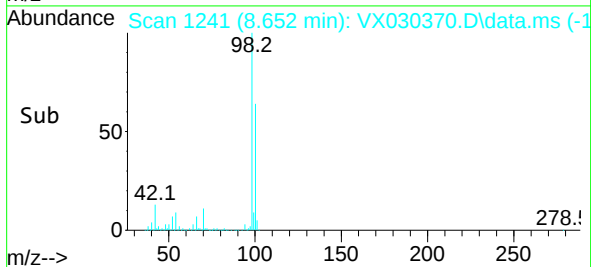
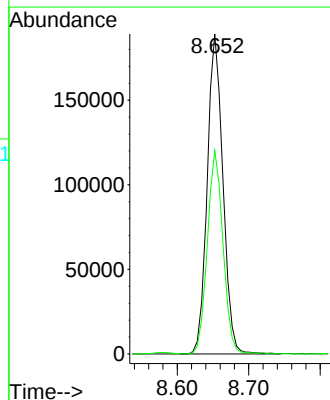
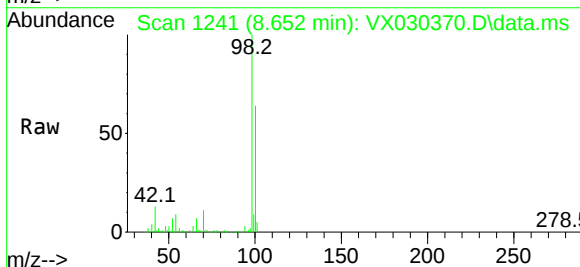
Instrument :
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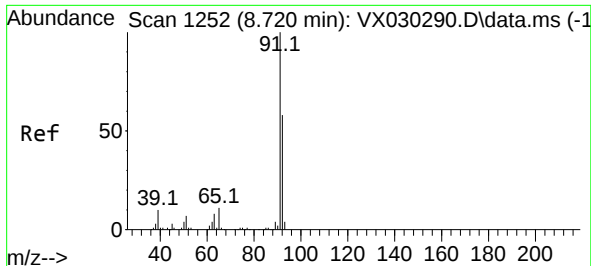
Tgt Ion: 43 Resp: 136944
Ion Ratio Lower Upper
43 100
61 17.8 16.5 24.7
87 12.1 11.1 16.7



#50
Toluene-d8
Concen: 44.113 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Tgt Ion: 98 Resp: 288574
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5

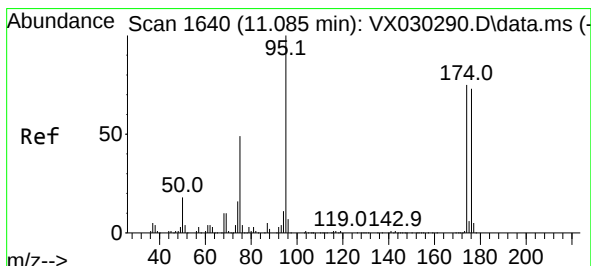
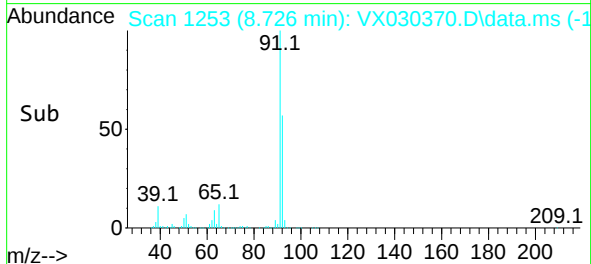
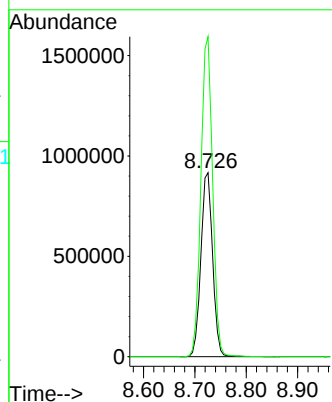
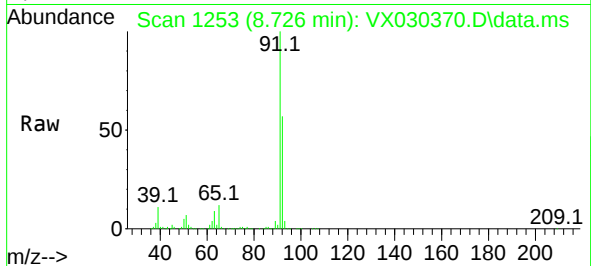




#52
Toluene
Concen: 310.626 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

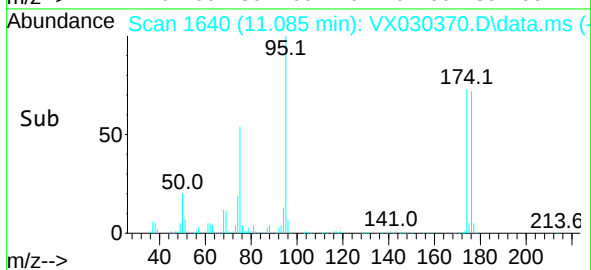
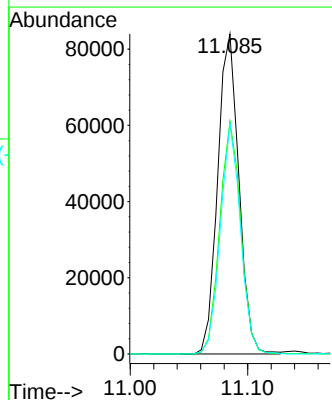
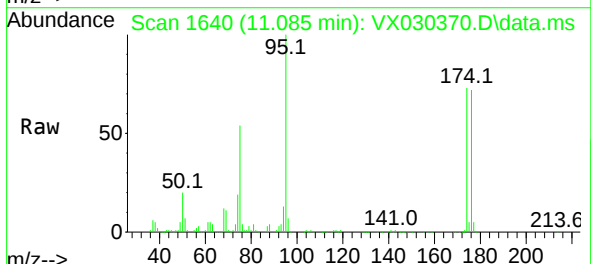
Instrument :
MSVOA_X
ClientSampleId :
63022-E

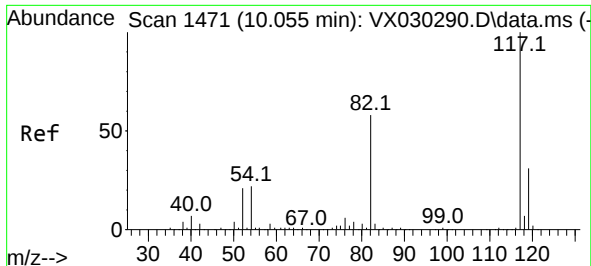
Tgt Ion: 92 Resp: 1449504
Ion Ratio Lower Upper
92 100
91 173.7 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 43.418 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Tgt Ion: 95 Resp: 105410
Ion Ratio Lower Upper
95 100
174 72.1 0.0 149.0
176 68.3 0.0 146.0

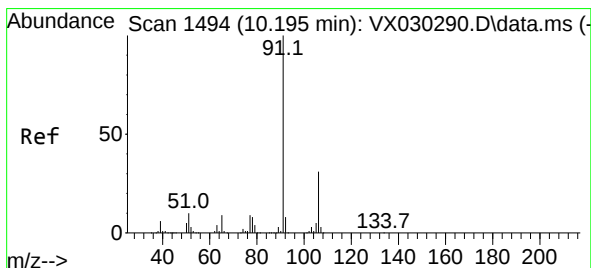
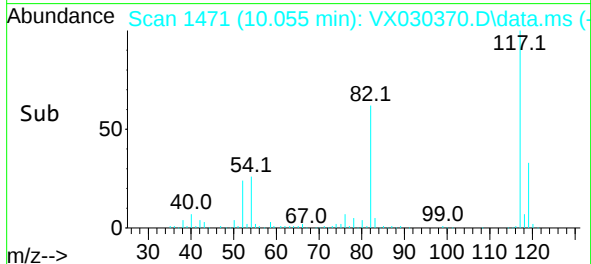
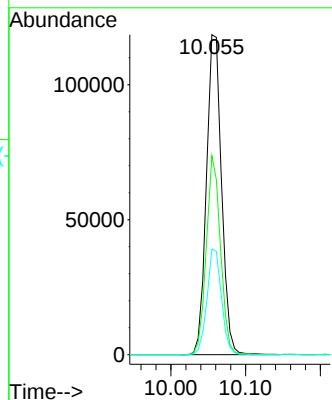
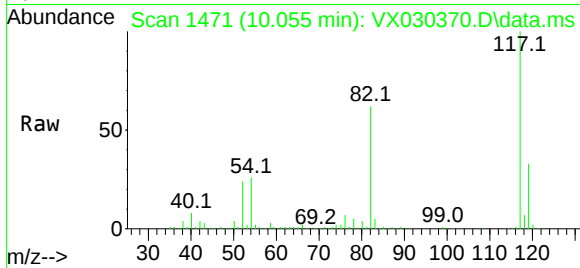




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

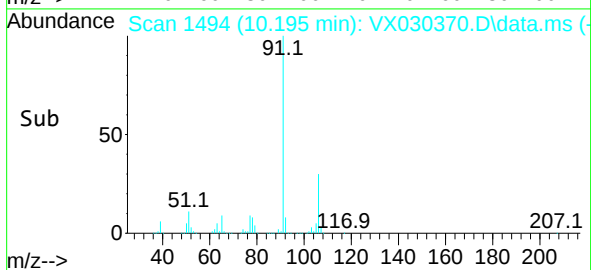
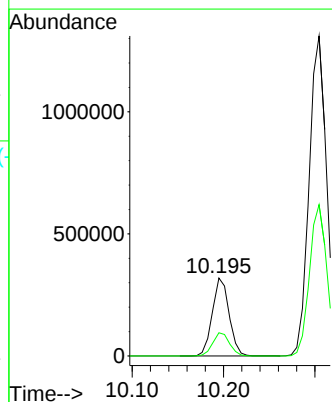
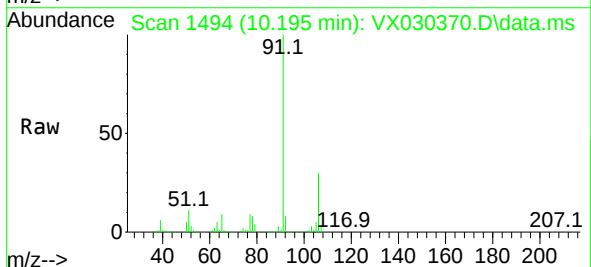
Instrument :
MSVOA_X
ClientSampleId :
63022-E

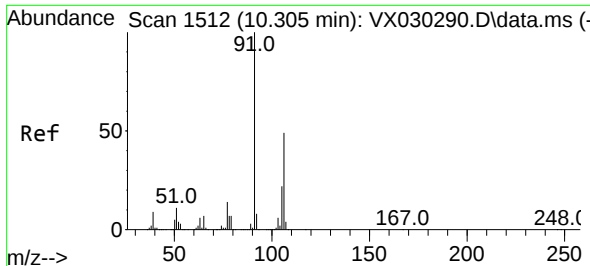
Tgt Ion:117 Resp: 166715
Ion Ratio Lower Upper
117 100
82 62.1 42.7 64.1
119 33.0 25.4 38.2



#67
Ethyl Benzene
Concen: 47.945 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Tgt Ion: 91 Resp: 407254
Ion Ratio Lower Upper
91 100
106 29.7 25.5 38.3

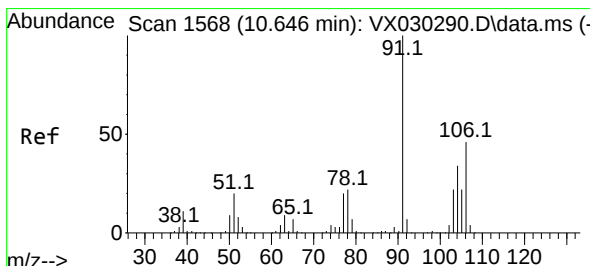
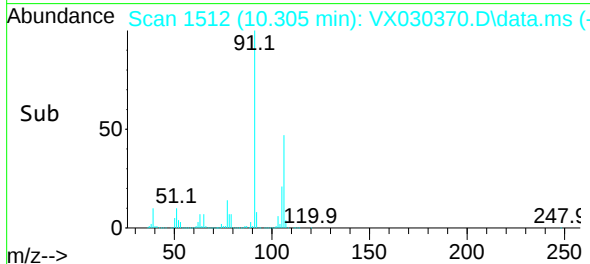
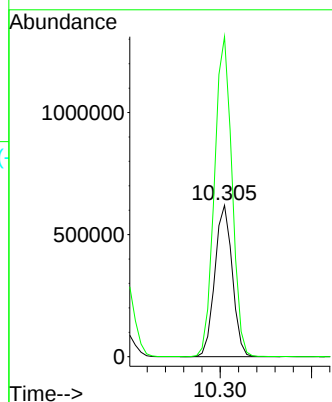
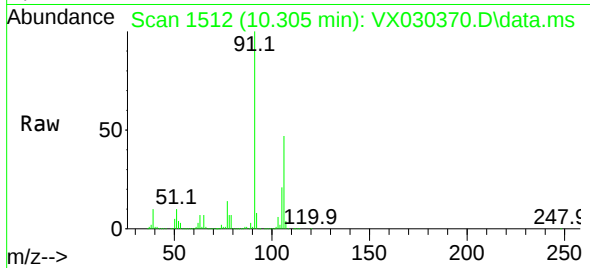




#68
m/p-Xylenes
Concen: 267.458 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

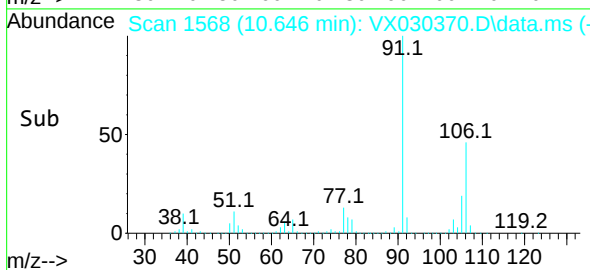
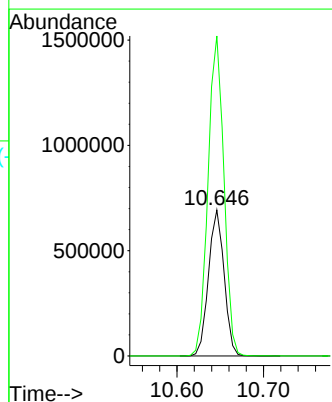
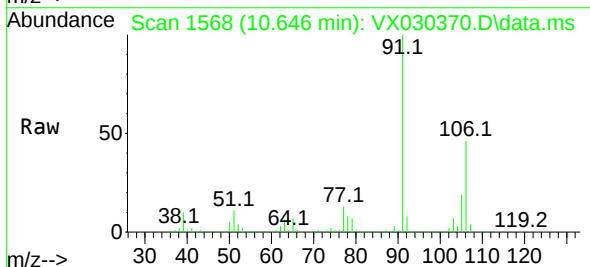
Instrument :
MSVOA_X
ClientSampleId :
63022-E

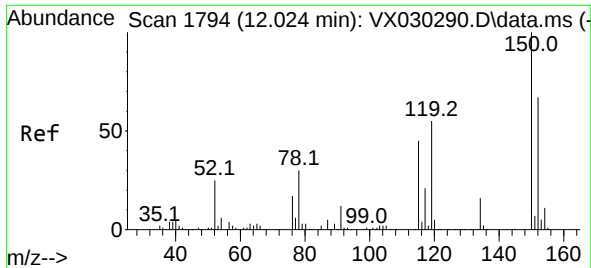
Tgt Ion:106 Resp: 820520
Ion Ratio Lower Upper
106 100
91 212.8 158.2 237.4



#69
o-Xylene
Concen: 286.905 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Tgt Ion:106 Resp: 867501
Ion Ratio Lower Upper
106 100
91 222.8 103.8 311.6

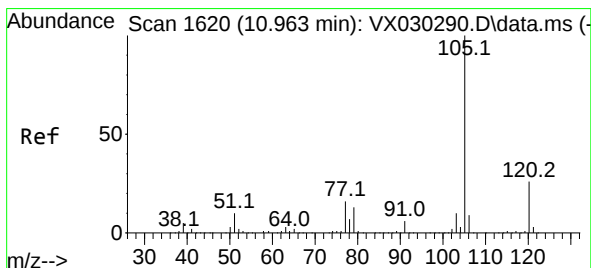
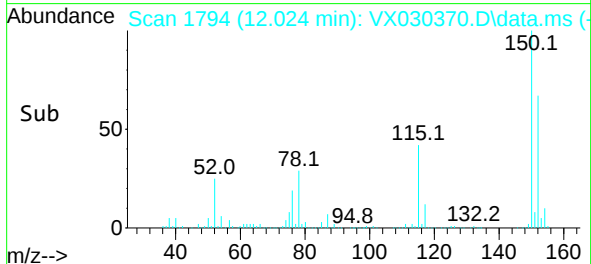
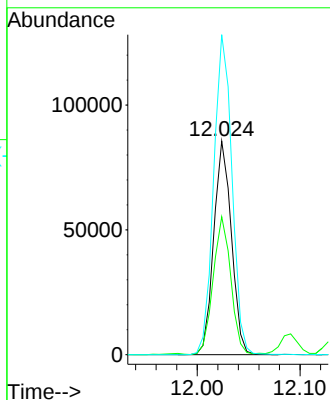
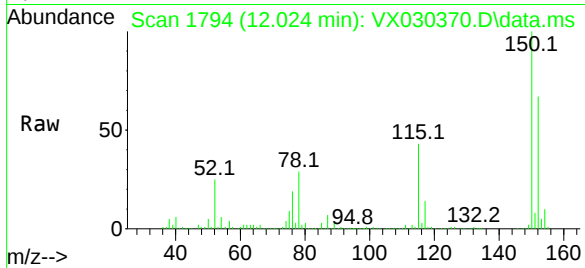




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

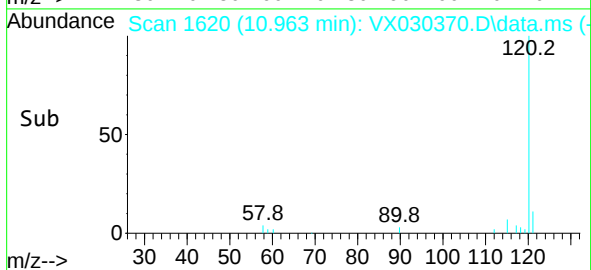
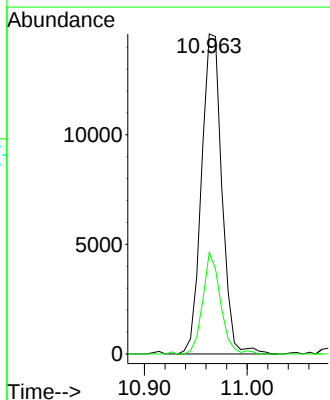
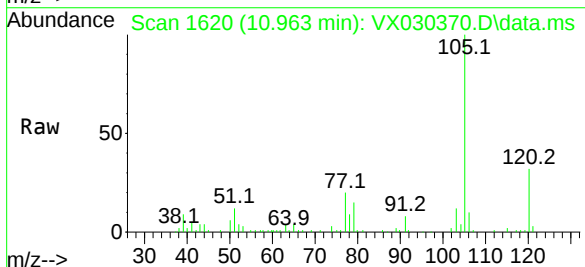
Instrument :
MSVOA_X
ClientSampleId :
63022-E

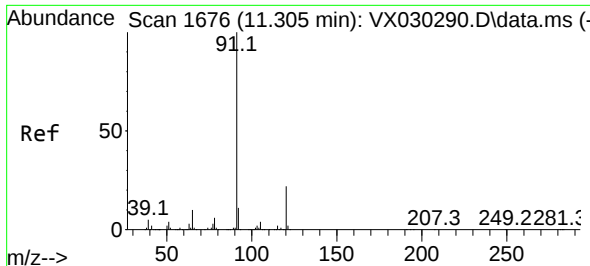
Tgt Ion:152 Resp: 101846
Ion Ratio Lower Upper
152 100
115 64.4 40.5 121.5
150 155.2 0.0 347.0



#73
Isopropylbenzene
Concen: 2.532 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Tgt Ion:105 Resp: 20133
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4

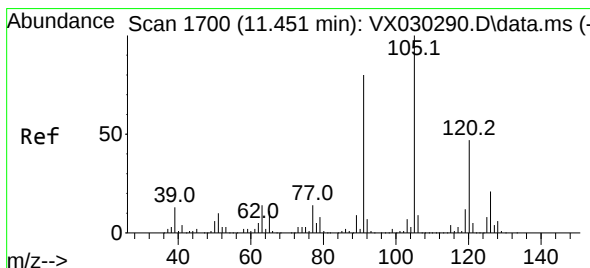
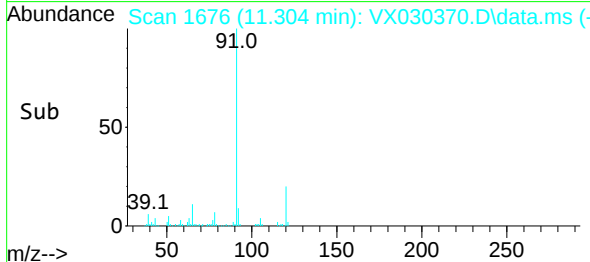
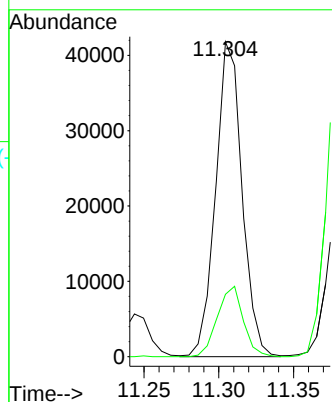
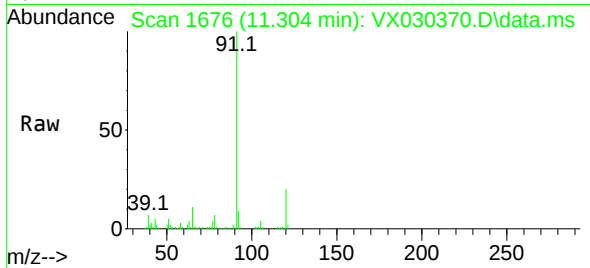




#78
n-propylbenzene
Concen: 5.415 ug/l
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

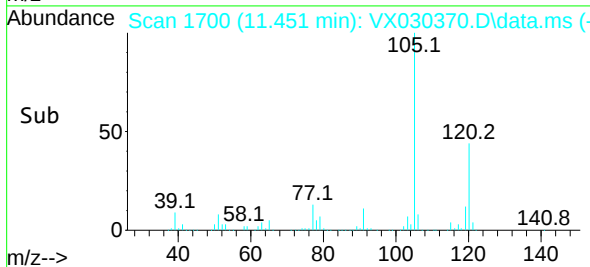
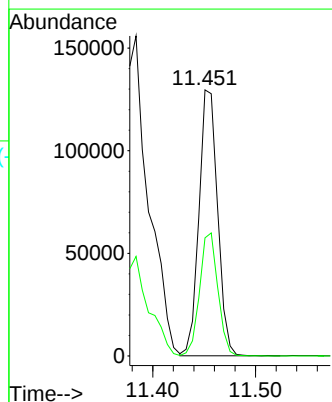
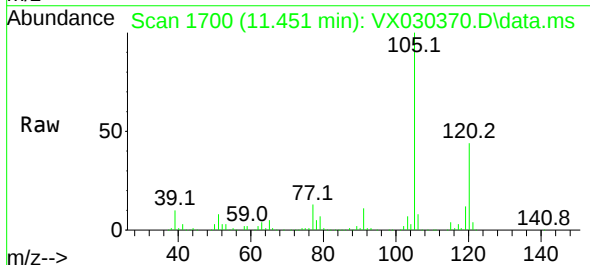
Instrument :
MSVOA_X
ClientSampleId :
63022-E

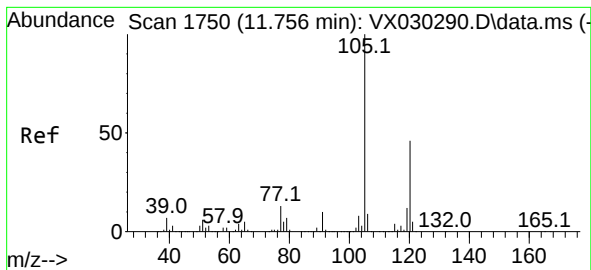
Tgt Ion: 91 Resp: 51382
Ion Ratio Lower Upper
91 100
120 21.9 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 24.545 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030370.D
Acq: 03 Aug 2022 15:00

Tgt Ion: 105 Resp: 163408
Ion Ratio Lower Upper
105 100
120 45.6 24.4 73.2





#84

1,2,4-Trimethylbenzene

Concen: 104.973 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030370.D

Acq: 03 Aug 2022 15:00

Instrument :

MSVOA_X

ClientSampleId :

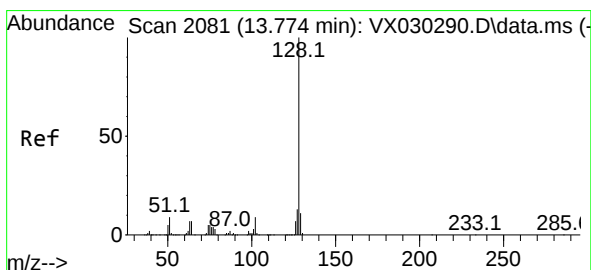
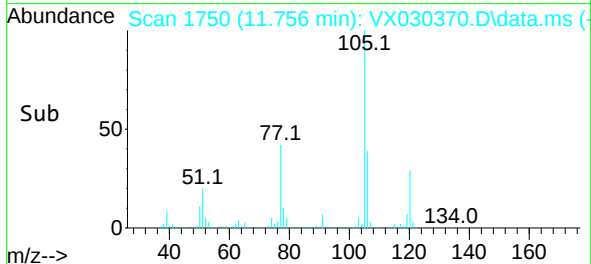
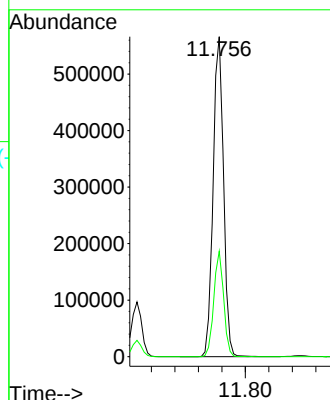
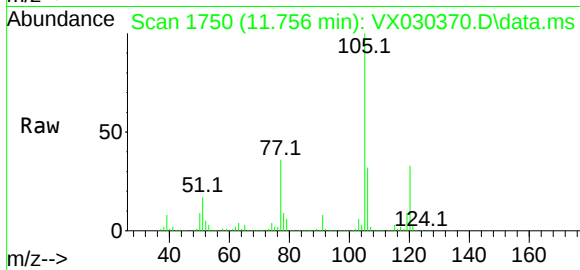
63022-E

Tgt Ion:105 Resp: 697223

Ion Ratio Lower Upper

105 100

120 31.2 22.9 68.8



#95

Naphthalene

Concen: 818.213 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX030370.D

Acq: 03 Aug 2022 15:00

Tgt Ion:128 Resp: 6602403

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.2

129 12.3 8.6 13.0

