

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062822\
 Data File : VX029841.D
 Acq On : 28 Jun 2022 20:12
 Operator : JC/MD
 Sample : N3494-14
 Misc : 5.81g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-1-5-GR

Quant Time: Jun 29 06:07:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	259962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	433966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159218	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136654	41.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.060%
35) Dibromofluoromethane	5.391	113	118915	43.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.700%
50) Toluene-d8	8.653	98	490739	48.234	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.460%
62) 4-Bromofluorobenzene	11.085	95	158895	44.181	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.360%

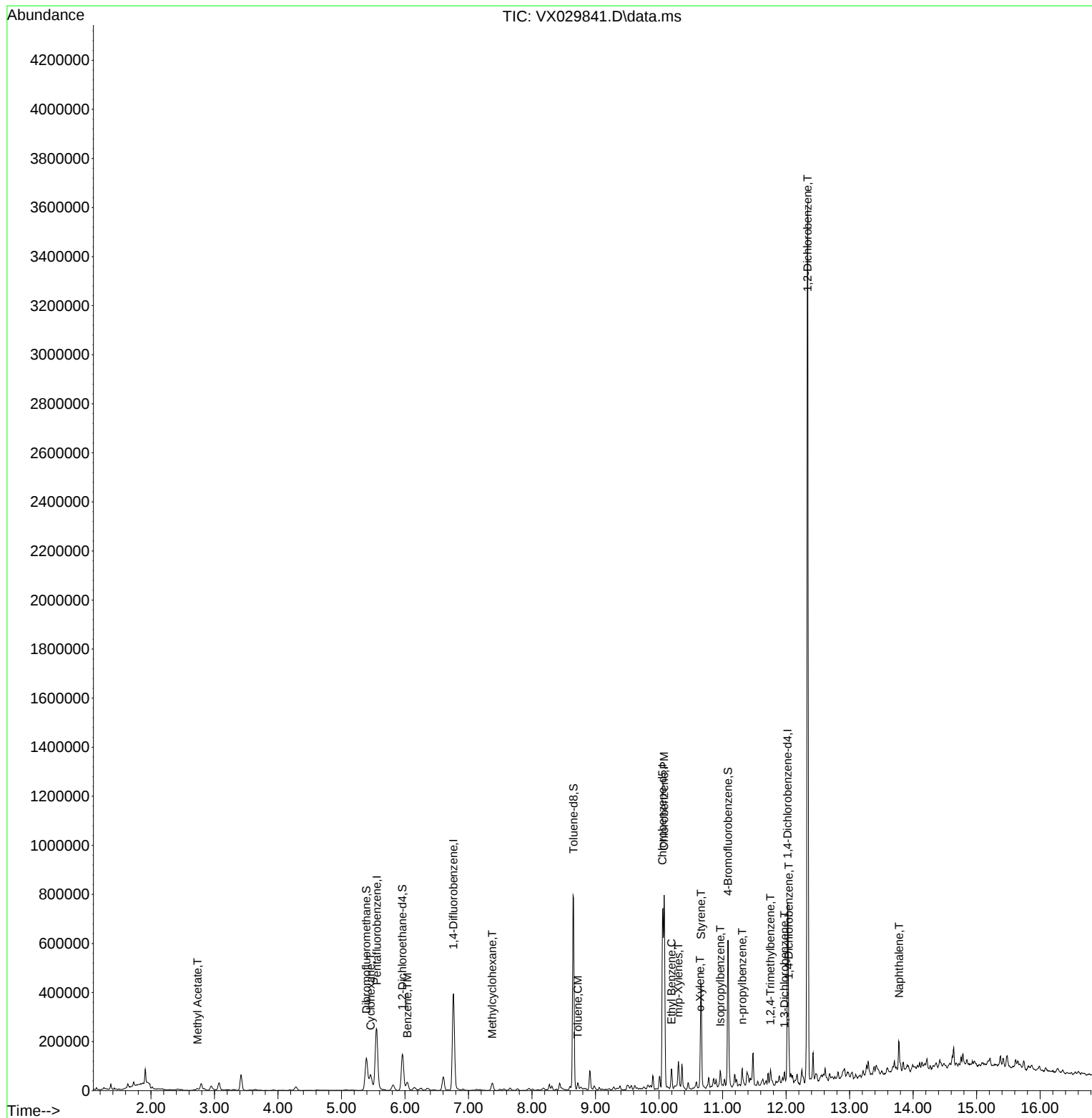
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	2.733	43	10243	2.064	ug/l #	86
31) Cyclohexane	5.458	56	44071	9.605	ug/l	95
39) Methylcyclohexane	7.373	83	13792	3.162	ug/l	92
40) Benzene	6.038	78	42138	3.613	ug/l	97
52) Toluene	8.720	92	10687	1.518	ug/l	96
65) Chlorobenzene	10.080	112	358948	49.351	ug/l	100
67) Ethyl Benzene	10.195	91	49087	3.880	ug/l	97
68) m/p-Xylenes	10.305	106	24955	5.143	ug/l	99
69) o-Xylene	10.646	106	6284	1.279	ug/l	89
70) Styrene	10.659	104	183895	22.637	ug/l	89
73) Isopropylbenzene	10.964	105	30338	2.633	ug/l	98
78) n-propylbenzene	11.311	91	43084	3.171	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	22948	2.395	ug/l	99
87) 1,3-Dichlorobenzene	11.976	146	7674	1.442	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	33181	6.112	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	1170758	223.993	ug/l	100
95) Naphthalene	13.780	128	79505	6.182	ug/l	97

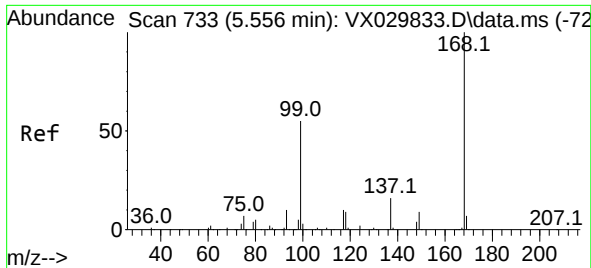
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SP-EXC-1-5-GR

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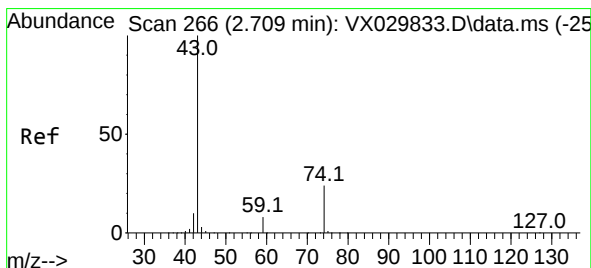
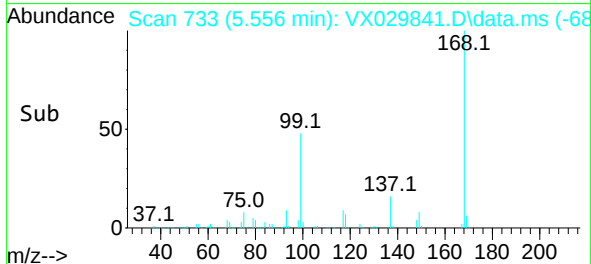
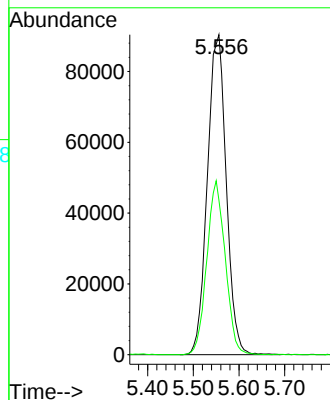
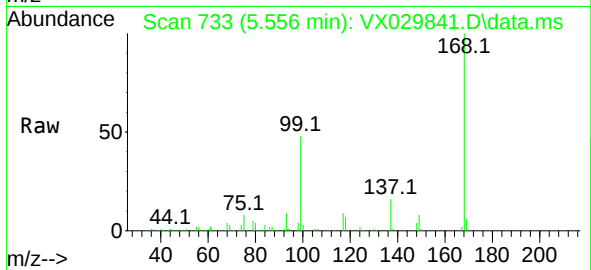




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

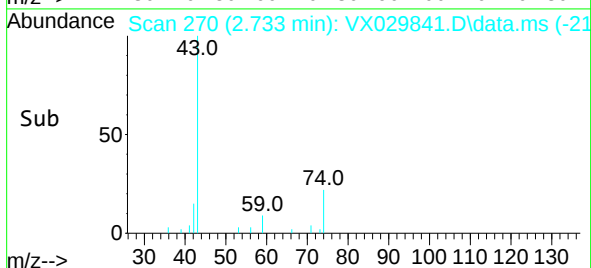
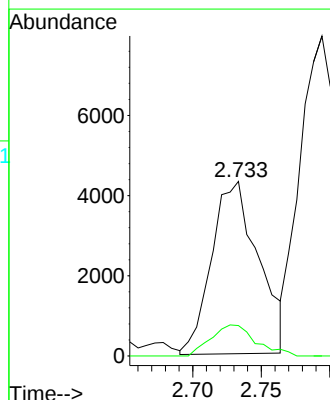
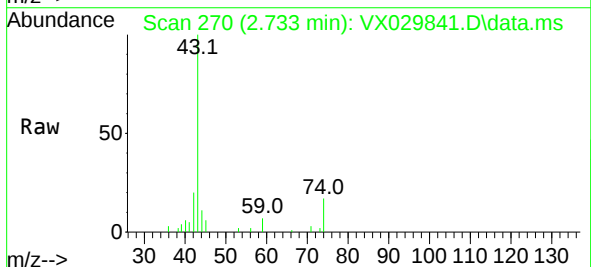
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GR

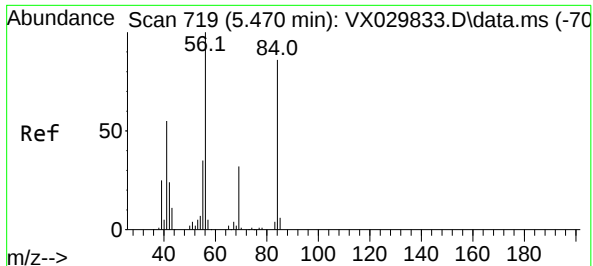
Tgt Ion:168 Resp: 259962
Ion Ratio Lower Upper
168 100
99 48.3 44.0 66.0



#18
Methyl Acetate
Concen: 2.064 ug/l
RT: 2.733 min Scan# 270
Delta R.T. 0.025 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

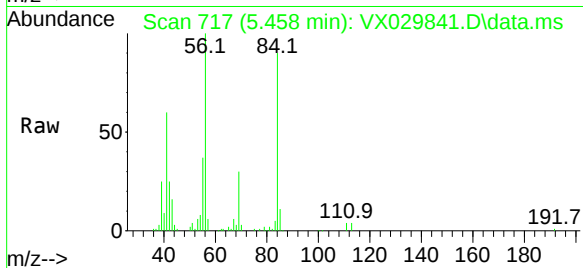
Tgt Ion: 43 Resp: 10243
Ion Ratio Lower Upper
43 100
74 17.2 19.4 29.2#



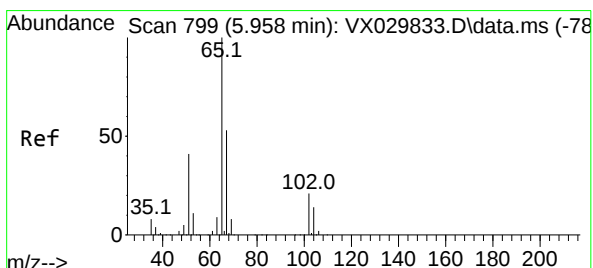
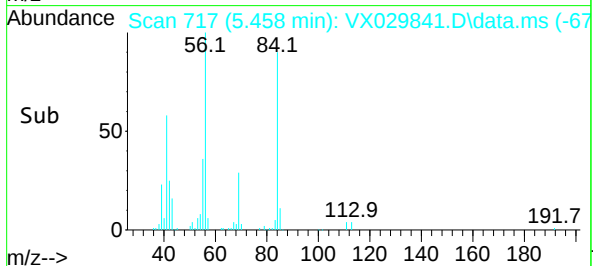
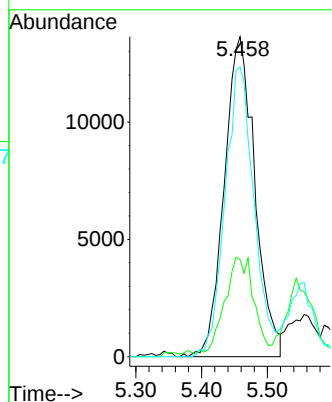


#31
Cyclohexane
Concen: 9.605 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GR

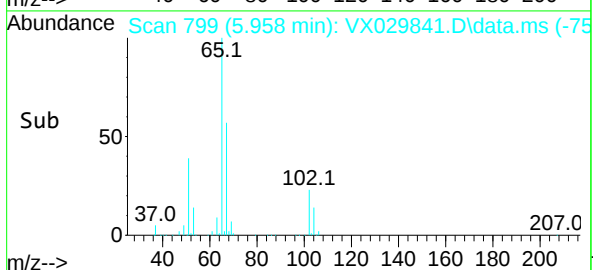
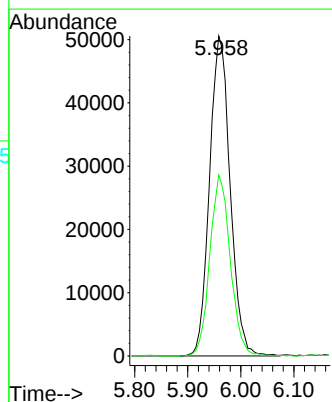
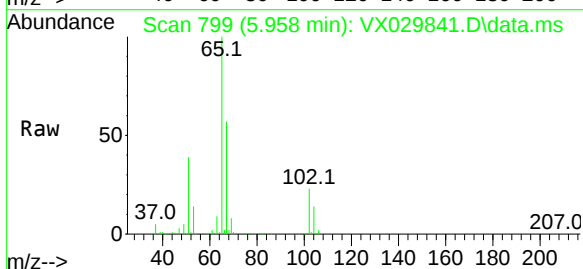


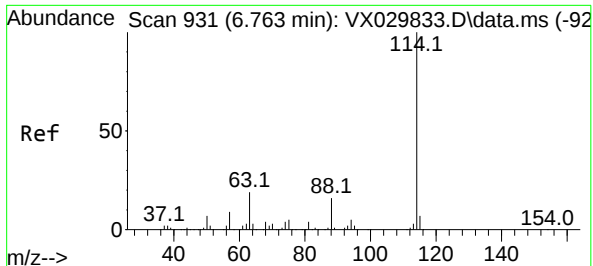
Tgt Ion: 56 Resp: 44071
Ion Ratio Lower Upper
56 100
69 29.6 25.4 38.0
84 90.5 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 41.528 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

Tgt Ion: 65 Resp: 136654
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6

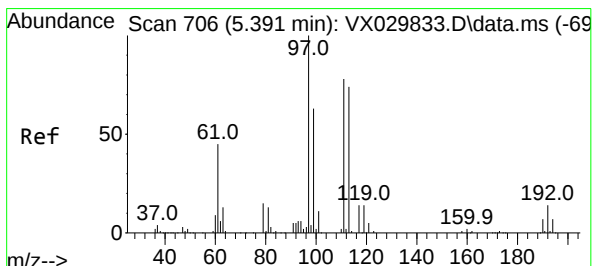
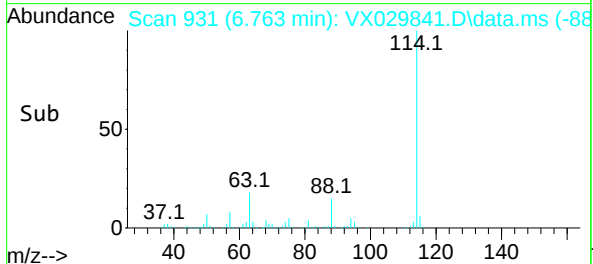
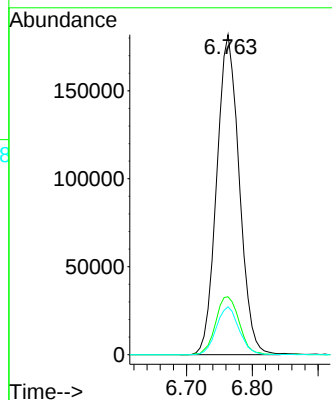
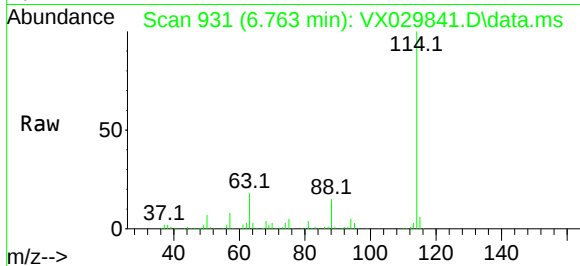




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

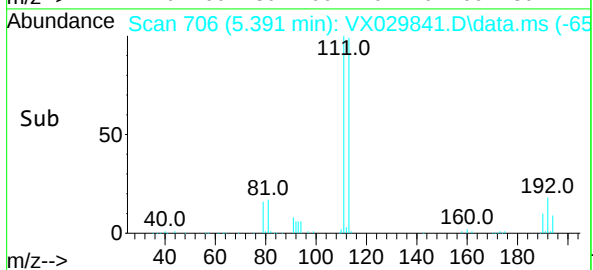
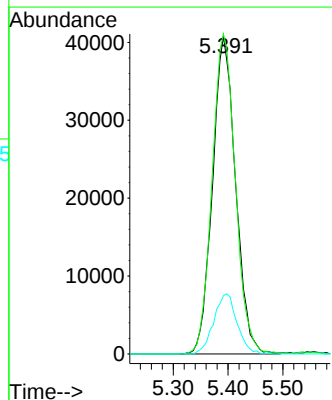
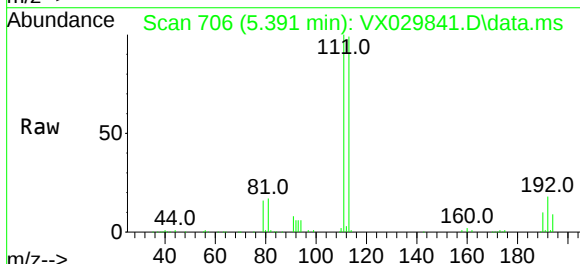
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GR

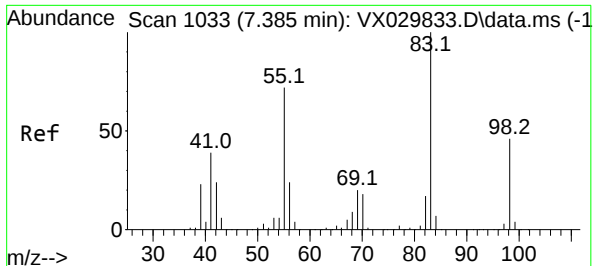
Tgt Ion:114 Resp: 433966
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.847 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

Tgt Ion:113 Resp: 118915
Ion Ratio Lower Upper
113 100
111 101.7 83.2 124.8
192 19.0 14.8 22.2





#39

Methylcyclohexane

Concen: 3.162 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX029841.D

Acq: 28 Jun 2022 20:12

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-5-GR

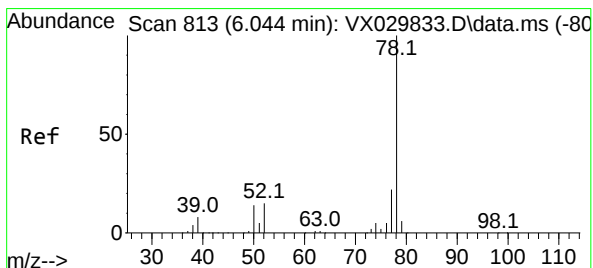
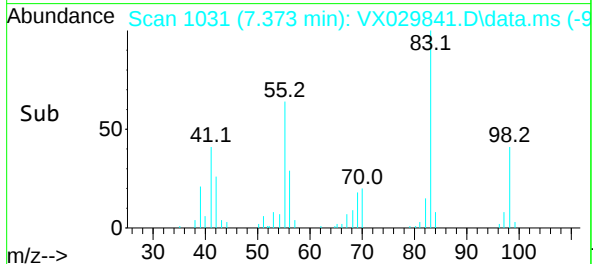
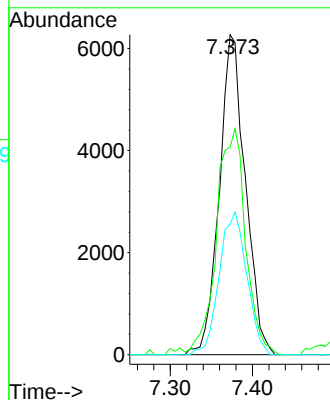
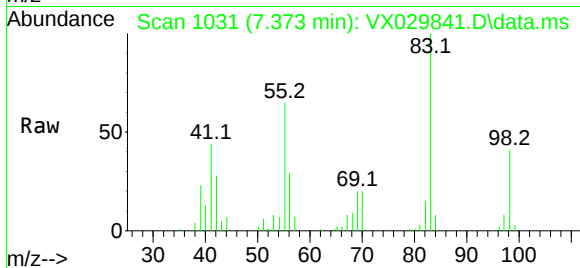
Tgt Ion: 83 Resp: 13792

Ion Ratio Lower Upper

83 100

55 64.9 57.7 86.5

98 40.8 36.5 54.7



#40

Benzene

Concen: 3.613 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX029841.D

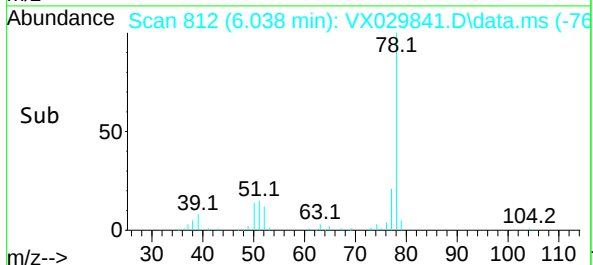
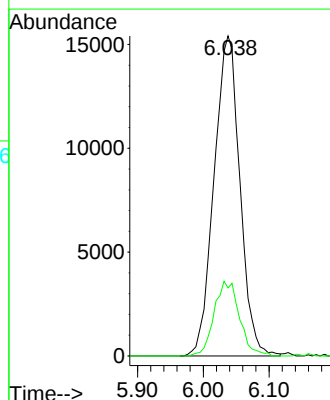
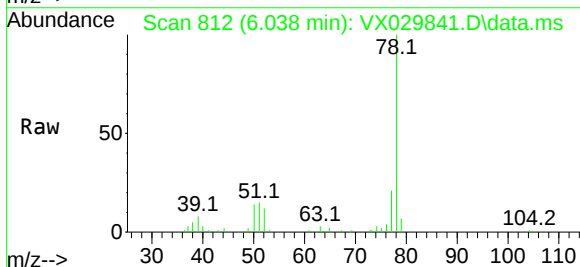
Acq: 28 Jun 2022 20:12

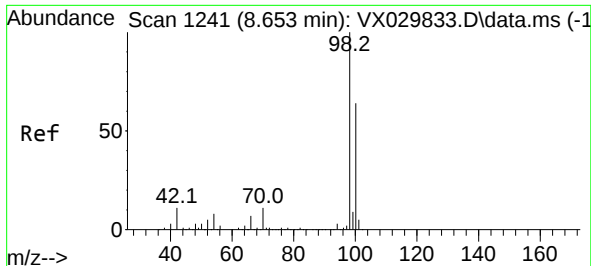
Tgt Ion: 78 Resp: 42138

Ion Ratio Lower Upper

78 100

77 21.2 18.0 27.0

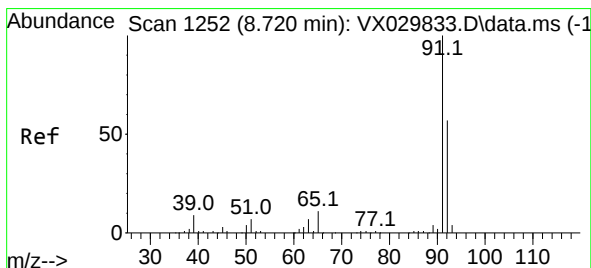
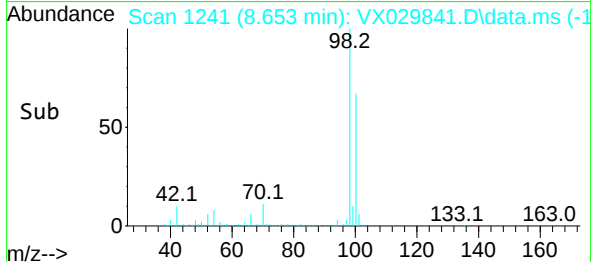
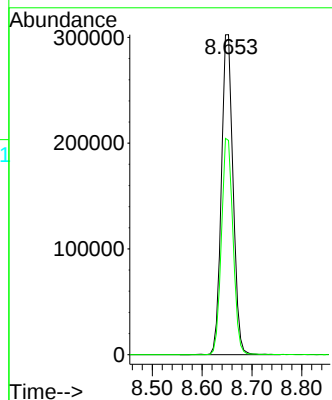
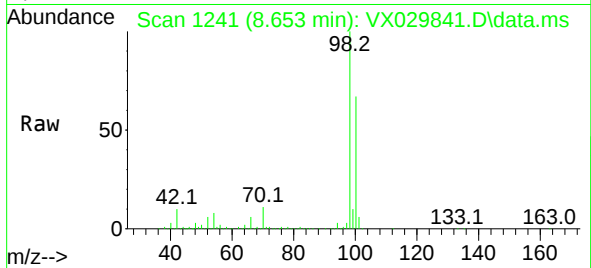




#50
Toluene-d8
Concen: 48.234 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

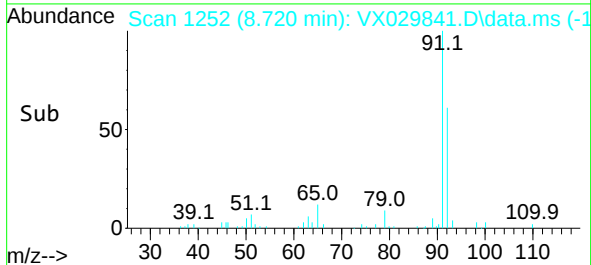
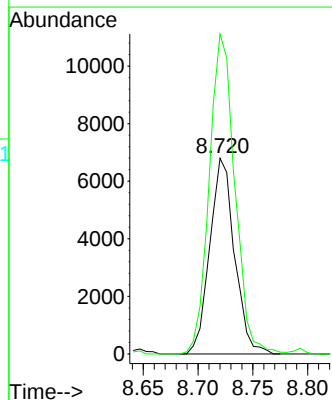
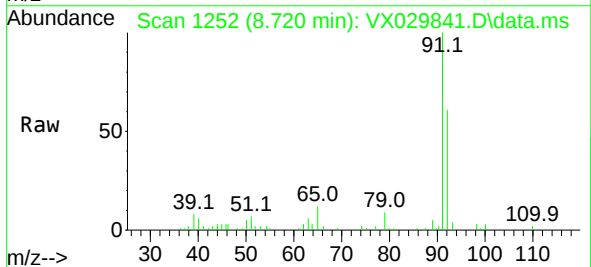
Instrument :
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SP-EXC-1-5-GR

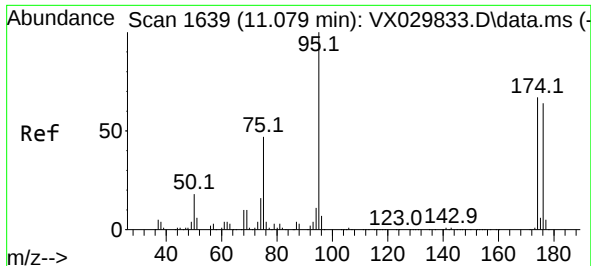
Tgt Ion: 98 Resp: 490739
Ion Ratio Lower Upper
98 100
100 67.2 52.3 78.5



#52
Toluene
Concen: 1.518 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

Tgt Ion: 92 Resp: 10687
Ion Ratio Lower Upper
92 100
91 168.9 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 44.181 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029841.D

Acq: 28 Jun 2022 20:12

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-5-GR

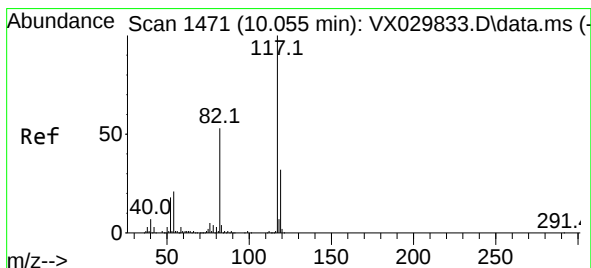
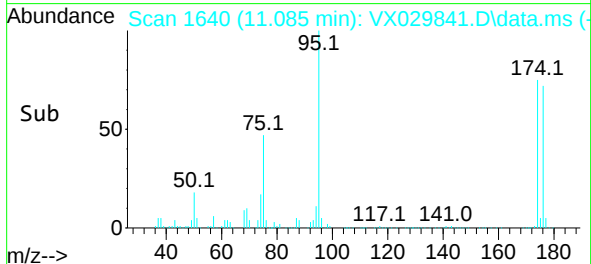
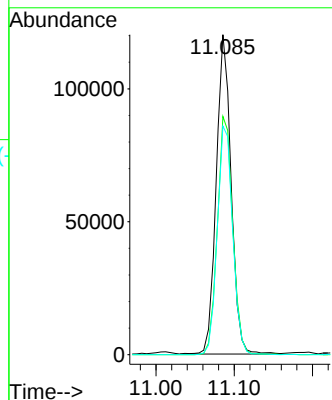
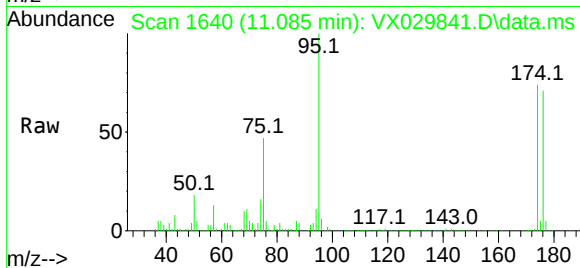
Tgt Ion: 95 Resp: 158895

Ion Ratio Lower Upper

95 100

174 76.8 0.0 149.0

176 73.9 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: VX029841.D

Acq: 28 Jun 2022 20:12

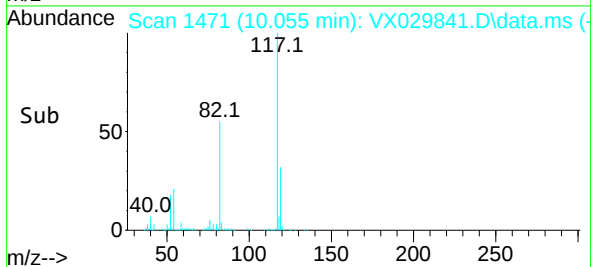
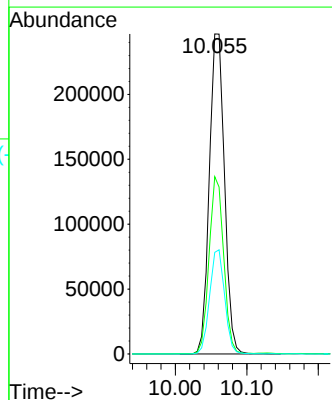
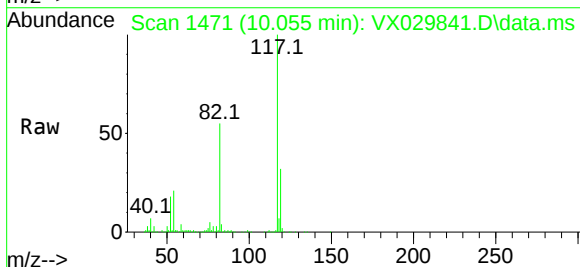
Tgt Ion: 117 Resp: 362333

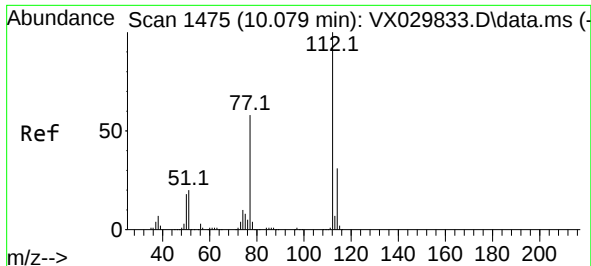
Ion Ratio Lower Upper

117 100

82 55.3 42.7 64.1

119 31.8 25.4 38.2

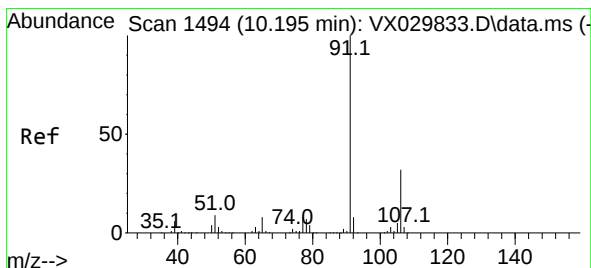
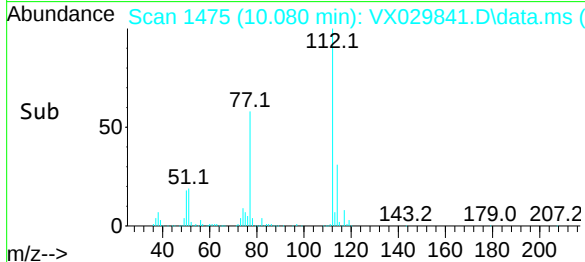
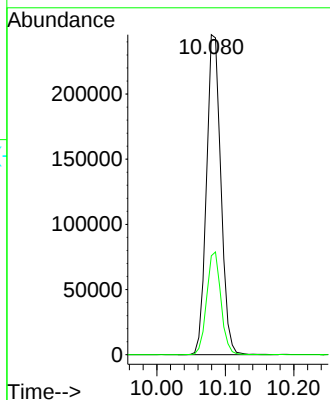
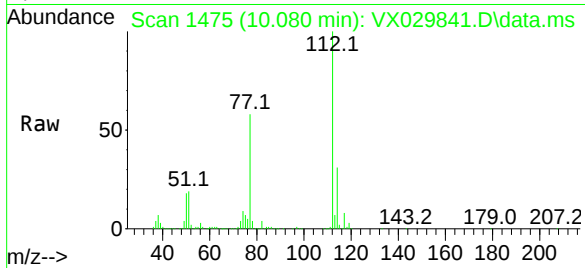




#65
Chlorobenzene
Concen: 49.351 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

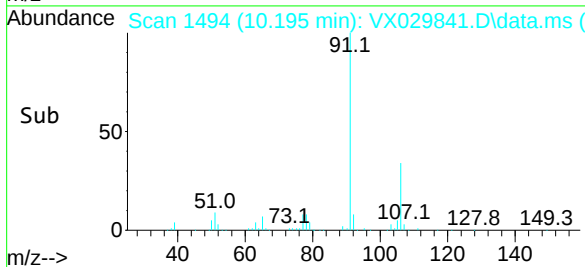
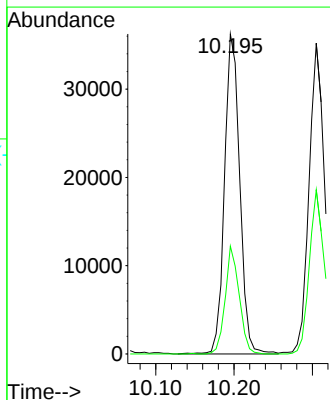
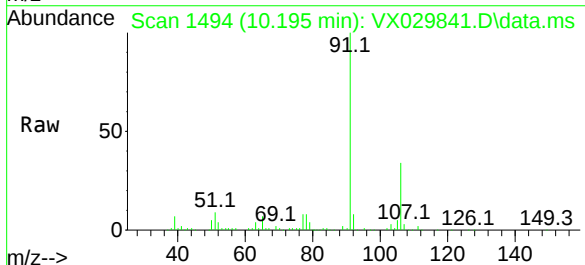
Instrument :
MSVOA_X
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SP-EXC-1-5-GR

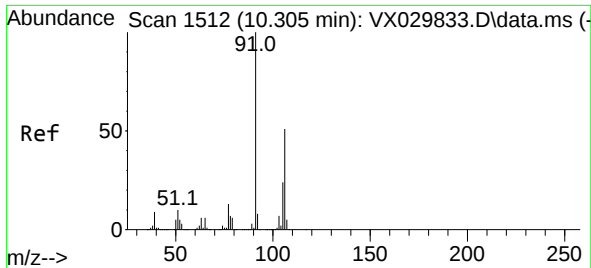
Tgt Ion:112 Resp: 358948
Ion Ratio Lower Upper
112 100
114 30.9 24.6 36.8



#67
Ethyl Benzene
Concen: 3.880 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

Tgt Ion: 91 Resp: 49087
Ion Ratio Lower Upper
91 100
106 33.7 25.5 38.3

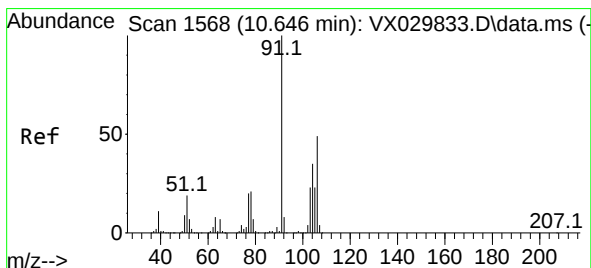
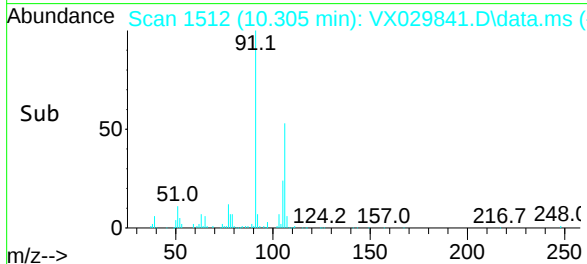
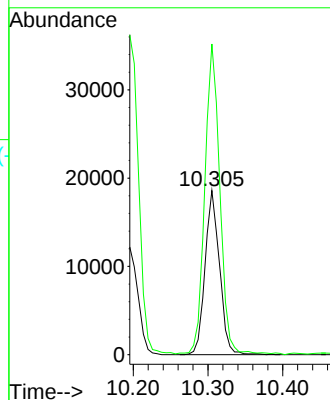
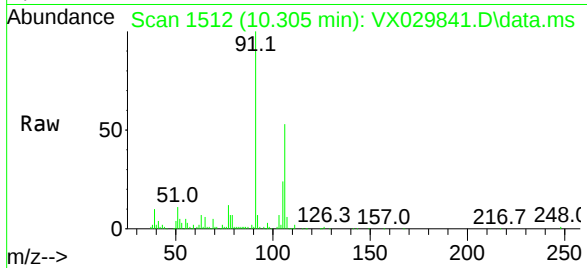




#68
m/p-Xylenes
Concen: 5.143 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

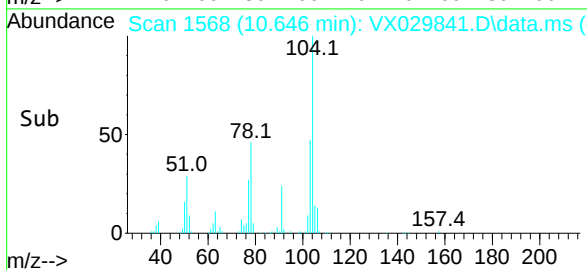
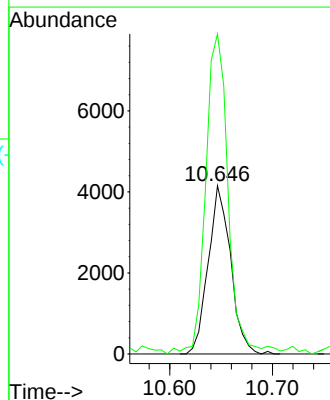
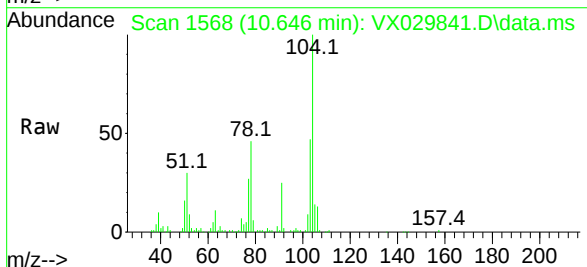
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GR

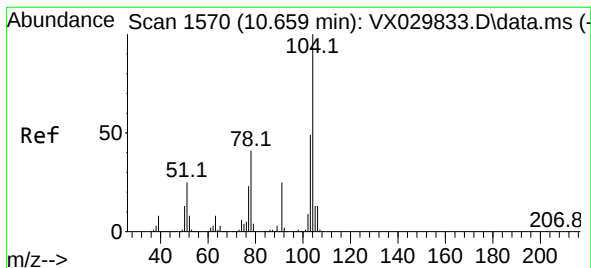
Tgt Ion:106 Resp: 24955
Ion Ratio Lower Upper
106 100
91 198.6 158.2 237.4



#69
o-Xylene
Concen: 1.279 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

Tgt Ion:106 Resp: 6284
Ion Ratio Lower Upper
106 100
91 190.6 103.8 311.6





#70

Styrene

Concen: 22.637 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX029841.D

Acq: 28 Jun 2022 20:12

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-5-GR

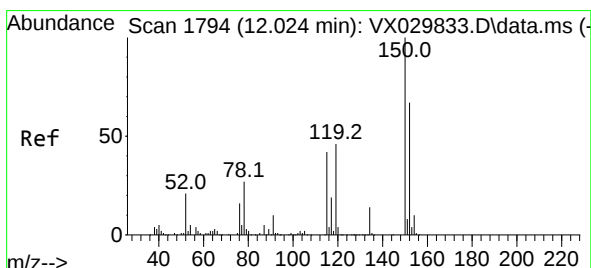
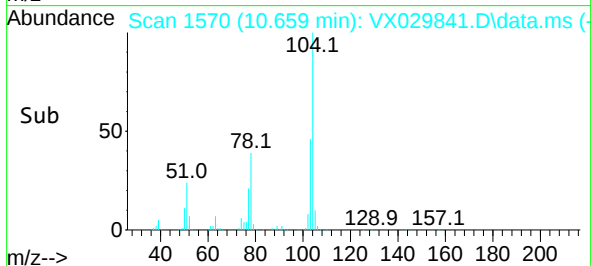
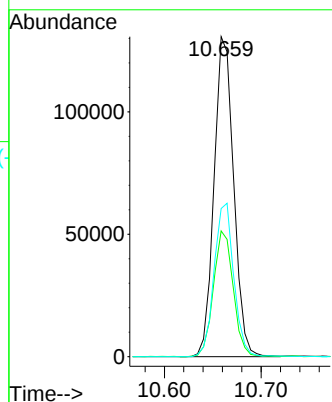
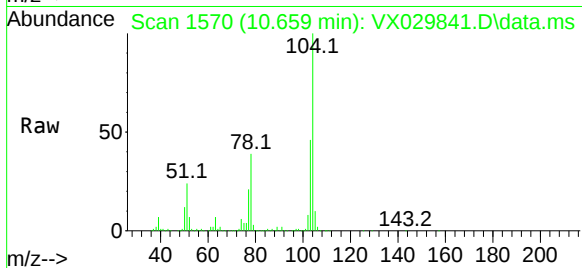
Tgt Ion:104 Resp: 183895

Ion Ratio Lower Upper

104 100

78 39.8 37.8 56.8

103 48.4 44.5 66.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029841.D

Acq: 28 Jun 2022 20:12

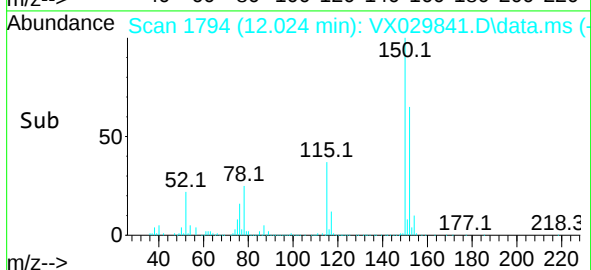
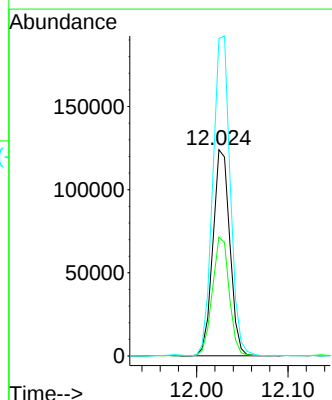
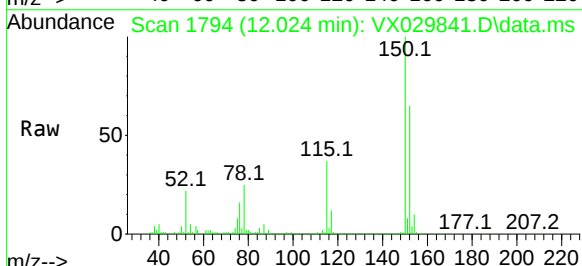
Tgt Ion:152 Resp: 159218

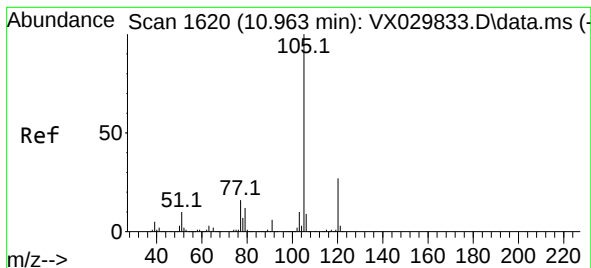
Ion Ratio Lower Upper

152 100

115 57.0 40.5 121.5

150 159.5 0.0 347.0





#73

Isopropylbenzene

Concen: 2.633 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029841.D

Acq: 28 Jun 2022 20:12

Instrument :

MSVOA_X

ClientSampleId :

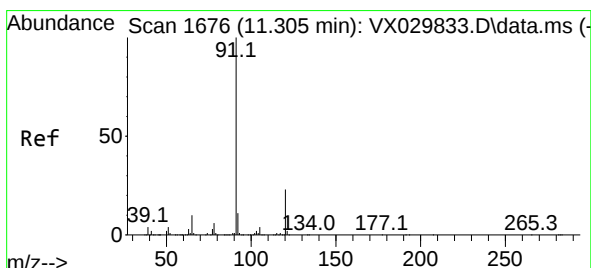
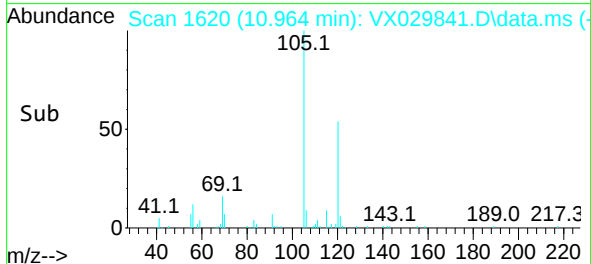
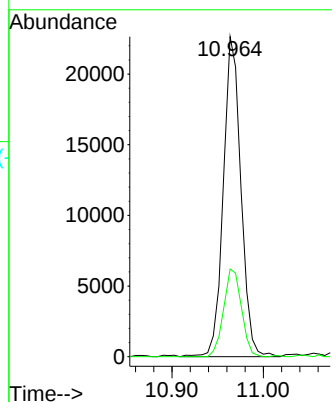
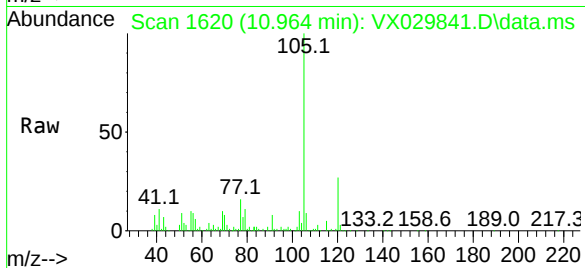
SP-EXC-1-5-GR

Tgt Ion:105 Resp: 30338

Ion Ratio Lower Upper

105 100

120 27.8 13.5 40.4



#78

n-propylbenzene

Concen: 3.171 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX029841.D

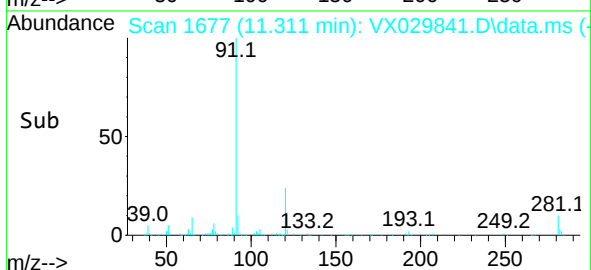
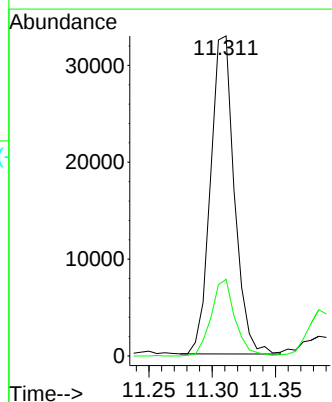
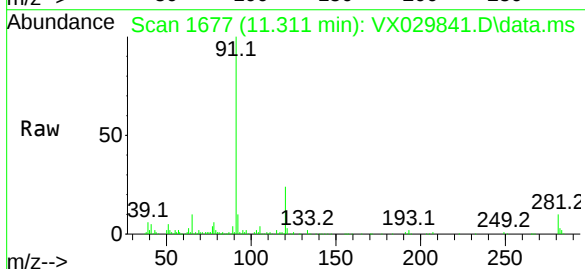
Acq: 28 Jun 2022 20:12

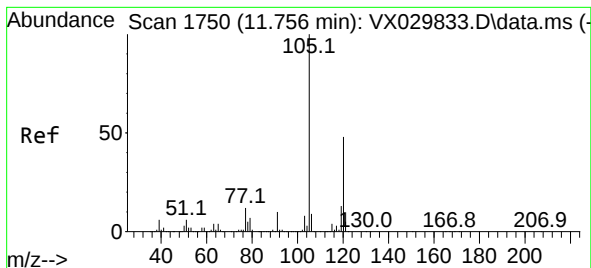
Tgt Ion: 91 Resp: 43084

Ion Ratio Lower Upper

91 100

120 24.1 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 2.395 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029841.D

Acq: 28 Jun 2022 20:12

Instrument :

MSVOA_X

ClientSampleId :

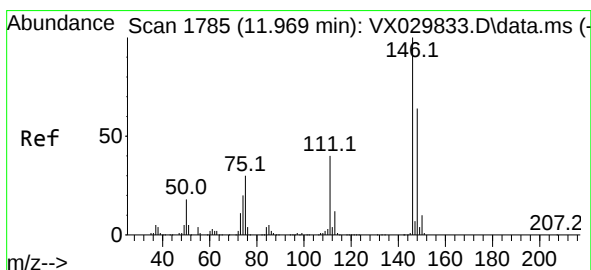
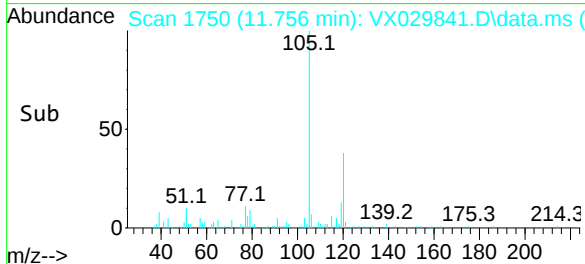
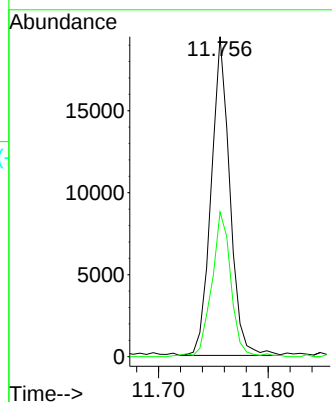
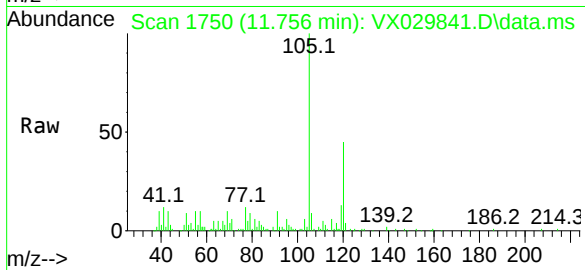
SP-EXC-1-5-GR

Tgt Ion:105 Resp: 22948

Ion Ratio Lower Upper

105 100

120 46.3 22.9 68.8



#87

1,3-Dichlorobenzene

Concen: 1.442 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX029841.D

Acq: 28 Jun 2022 20:12

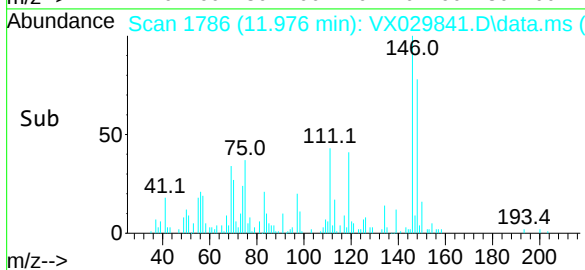
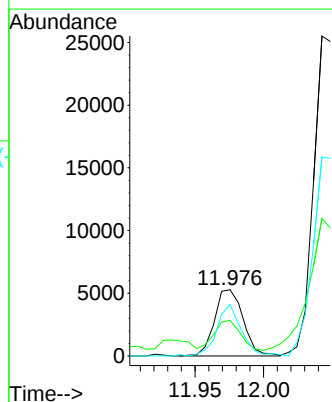
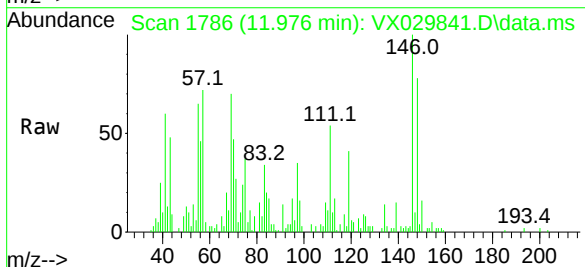
Tgt Ion:146 Resp: 7674

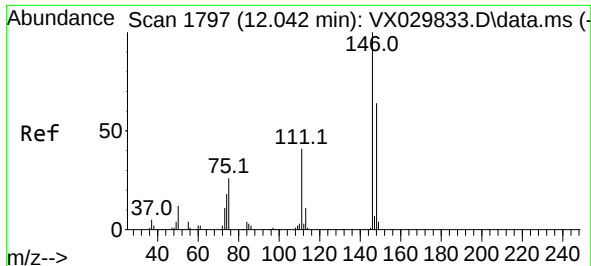
Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.8

148 66.9 31.8 95.3

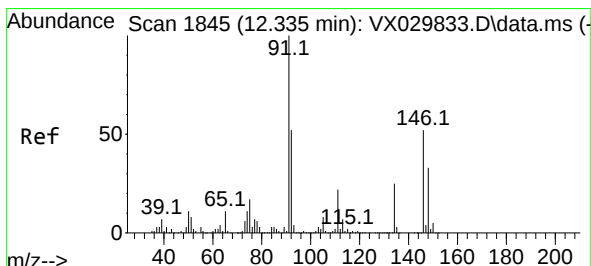
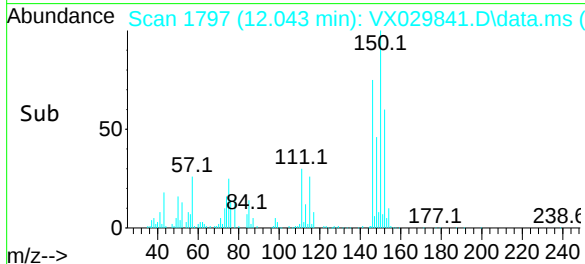
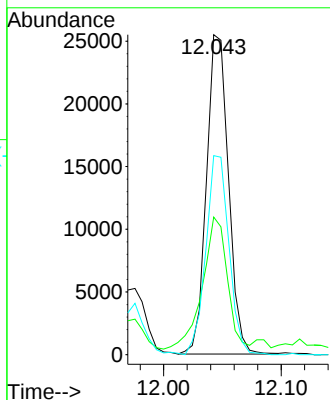
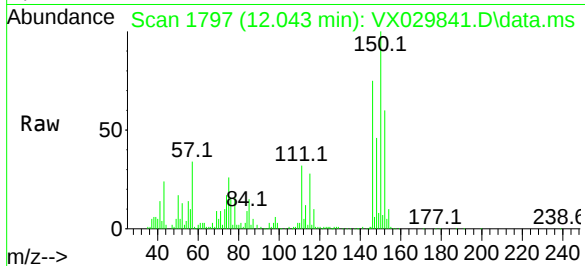




#88
 1,4-Dichlorobenzene
 Concen: 6.112 ug/l
 RT: 12.043 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029841.D
 Acq: 28 Jun 2022 20:12

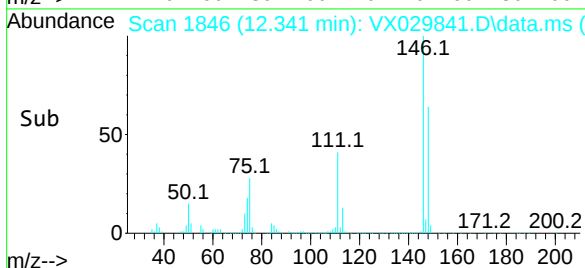
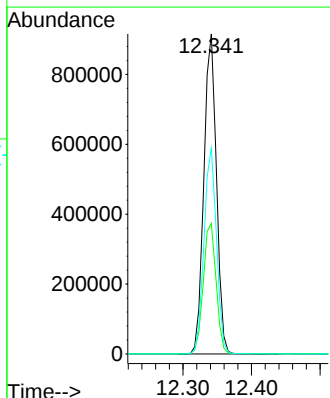
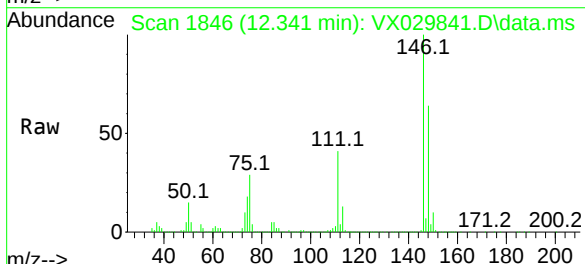
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-1-5-GR

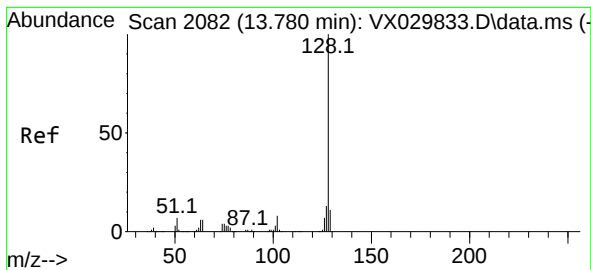
Tgt Ion:146 Resp: 33181
 Ion Ratio Lower Upper
 146 100
 111 46.5 20.3 60.9
 148 65.4 32.3 96.8



#91
 1,2-Dichlorobenzene
 Concen: 223.993 ug/l
 RT: 12.341 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: VX029841.D
 Acq: 28 Jun 2022 20:12

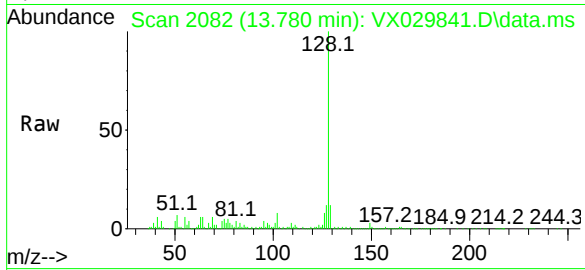
Tgt Ion:146 Resp: 1170758
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.7 62.1
 148 63.9 32.0 96.2





#95
Naphthalene
Concen: 6.182 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX029841.D
Acq: 28 Jun 2022 20:12

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-5-GR



Tgt Ion:	128	Resp:	79505
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	12.3	8.6	13.0

