

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091222\
 Data File : VX031283.D
 Acq On : 12 Sep 2022 19:00
 Operator : JC/MD
 Sample : N4536-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 090722-D

Quant Time: Sep 13 01:58:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

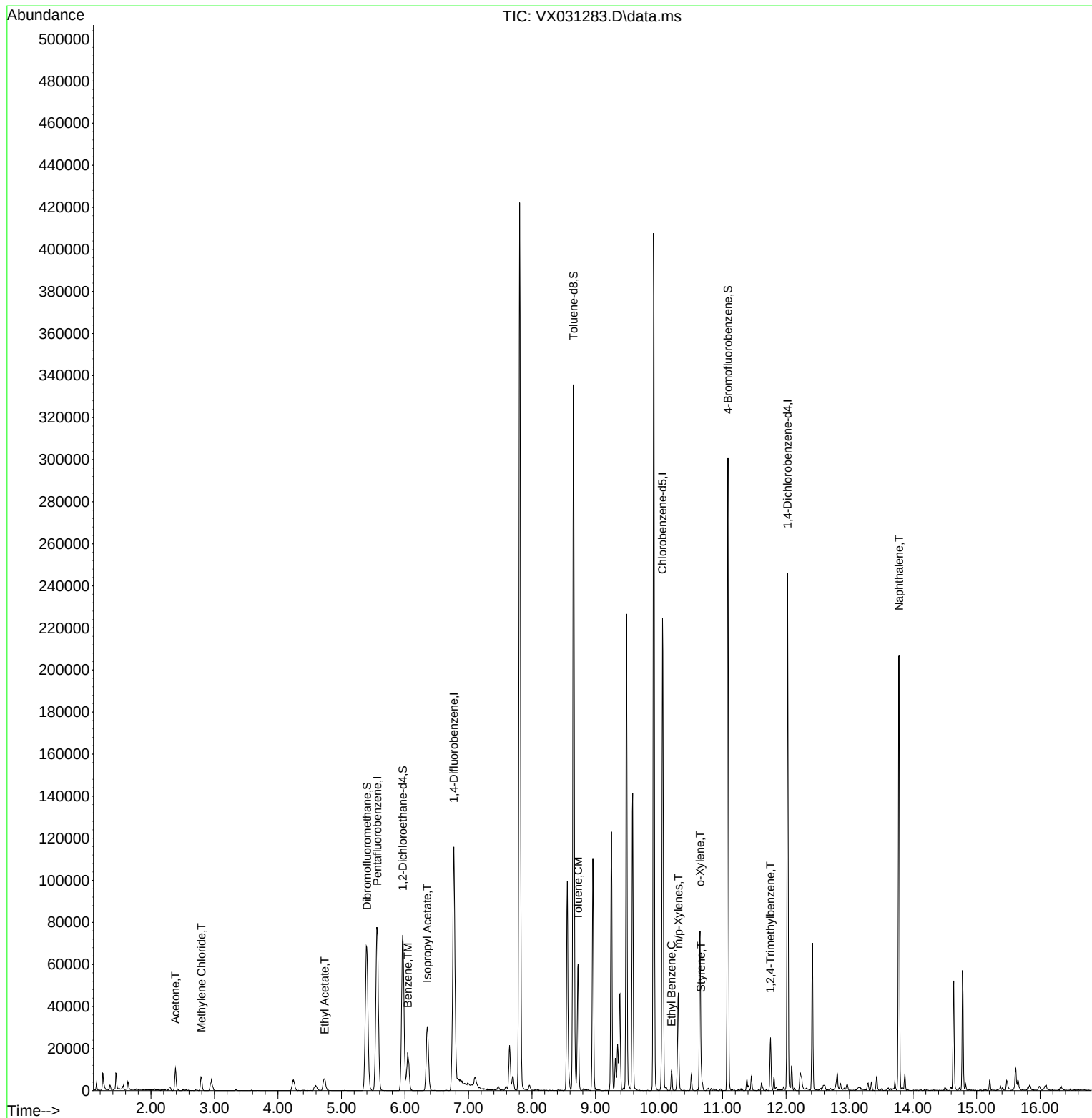
Internal Standards						
1) Pentafluorobenzene	5.562	168	66349	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	86445	55.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.060%	
35) Dibromofluoromethane	5.403	113	58923	49.524	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.040%	
50) Toluene-d8	8.653	98	196298	45.411	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.820%	
62) 4-Bromofluorobenzene	11.085	95	78559	49.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.180%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	10702	19.676	ug/l	# 86
20) Methylene Chloride	2.794	84	3361	2.629	ug/l	# 70
37) Ethyl Acetate	4.733	43	9304	5.886	ug/l	# 95
40) Benzene	6.043	78	19988	4.130	ug/l	94
43) Isopropyl Acetate	6.348	43	39466	15.836	ug/l	# 93
52) Toluene	8.726	92	22423	7.024	ug/l	100
67) Ethyl Benzene	10.195	91	5817	1.091	ug/l	98
68) m/p-Xylenes	10.305	106	10117	5.121	ug/l	86
69) o-Xylene	10.646	106	8350	4.235	ug/l	90
70) Styrene	10.658	104	4515	1.428	ug/l	# 74
84) 1,2,4-Trimethylbenzene	11.756	105	10162	3.086	ug/l	83
95) Naphthalene	13.780	128	131902	36.077	ug/l	99

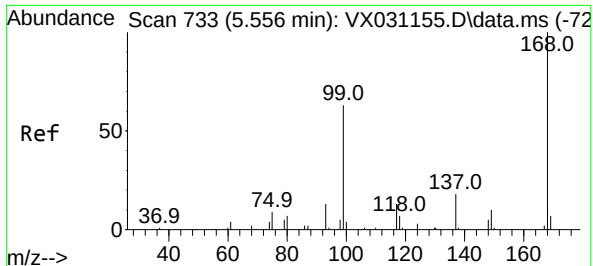
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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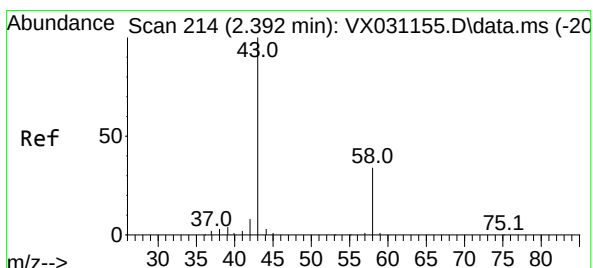
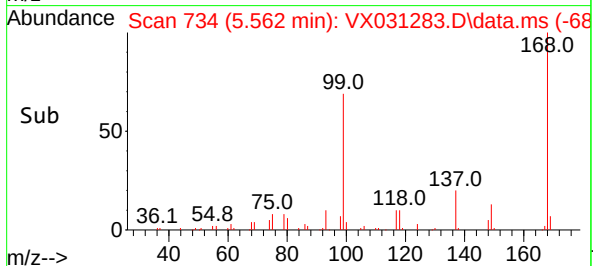
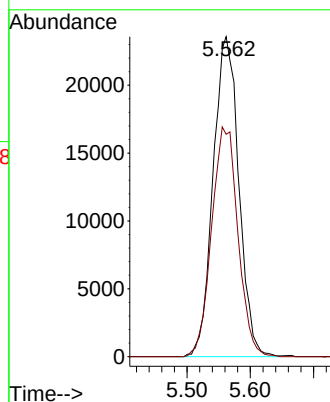
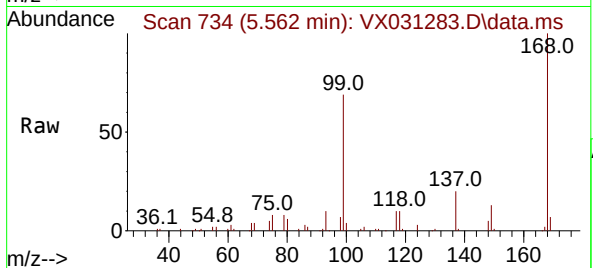




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

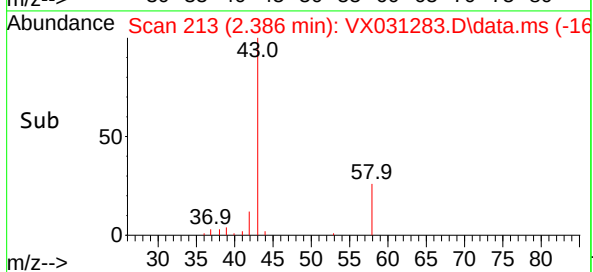
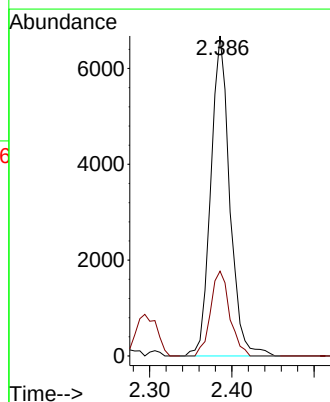
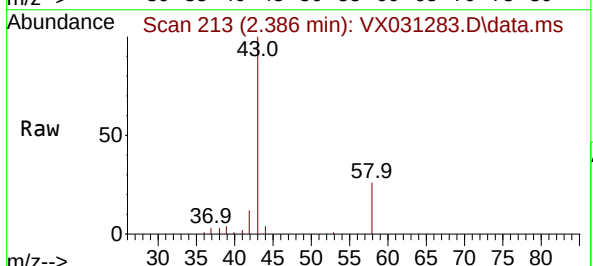
Instrument :
MSVOA_X
ClientSampleId :
090722-D

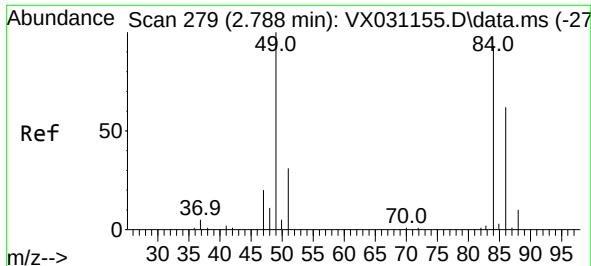
Tgt Ion:168 Resp: 66349
Ion Ratio Lower Upper
168 100
99 69.5 44.0 66.0#



#16
Acetone
Concen: 19.676 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

Tgt Ion: 43 Resp: 10702
Ion Ratio Lower Upper
43 100
58 26.5 27.7 41.5#





#20

Methylene Chloride

Concen: 2.629 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031283.D

Acq: 12 Sep 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

090722-D

Tgt Ion: 84 Resp: 3361

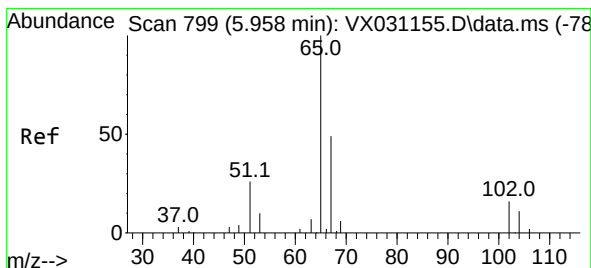
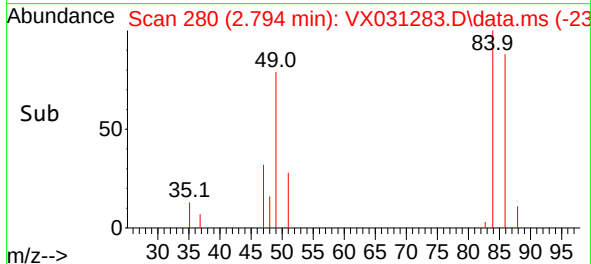
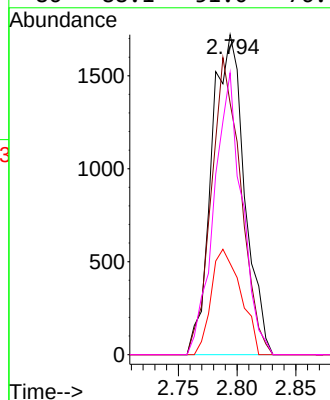
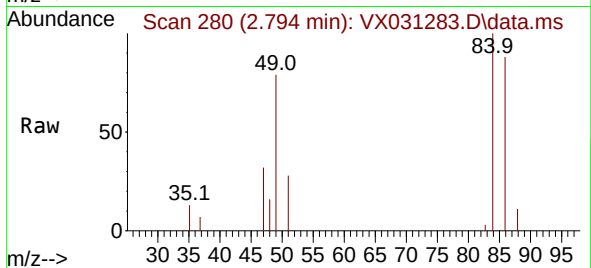
Ion Ratio Lower Upper

84 100

49 78.6 93.8 140.6#

51 28.5 29.4 44.0#

86 88.1 51.0 76.4#



#33

1,2-Dichloroethane-d4

Concen: 55.031 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031283.D

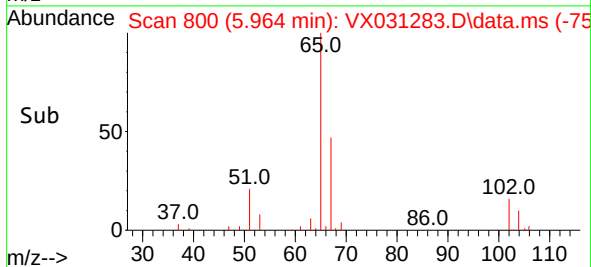
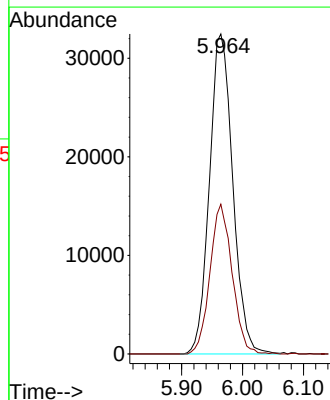
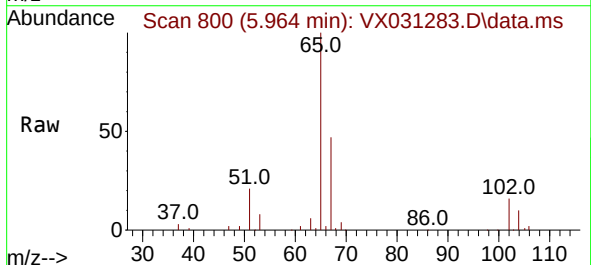
Acq: 12 Sep 2022 19:00

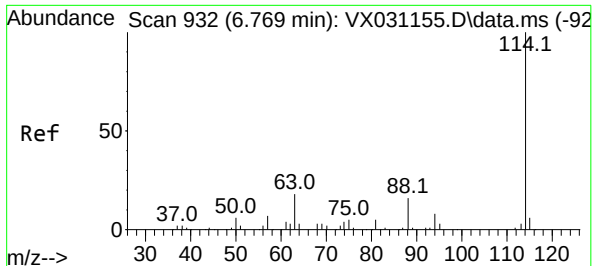
Tgt Ion: 65 Resp: 86445

Ion Ratio Lower Upper

65 100

67 44.5 0.0 109.6

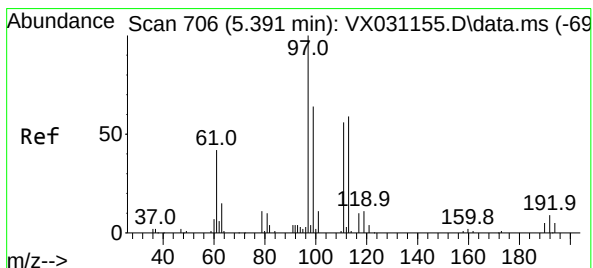
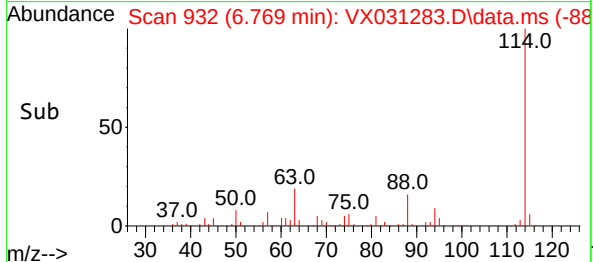
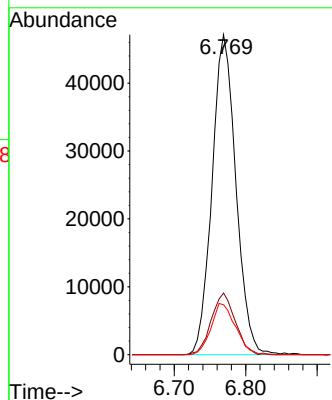
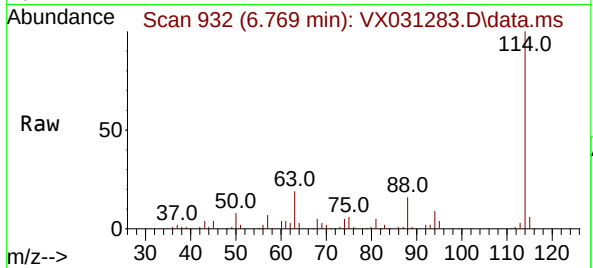




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

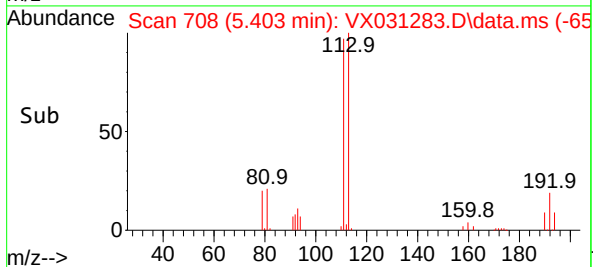
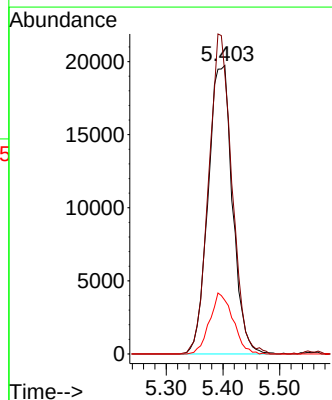
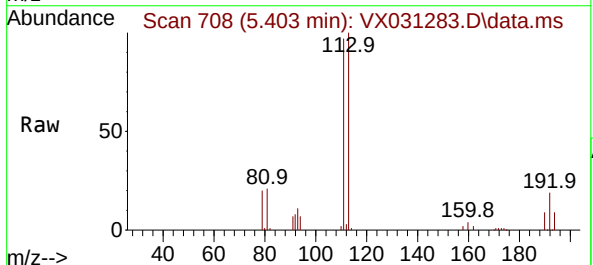
Instrument :
MSVOA_X
ClientSampleId :
090722-D

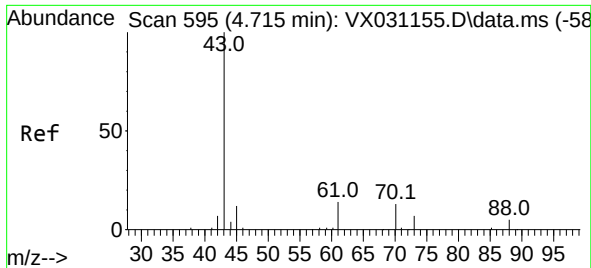
Tgt Ion:114 Resp: 109181
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.4
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.524 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

Tgt Ion:113 Resp: 58923
Ion Ratio Lower Upper
113 100
111 105.5 83.2 124.8
192 20.2 14.8 22.2





#37

Ethyl Acetate

Concen: 5.886 ug/l

RT: 4.733 min Scan# 595

Delta R.T. 0.018 min

Lab File: VX031283.D

Acq: 12 Sep 2022 19:00

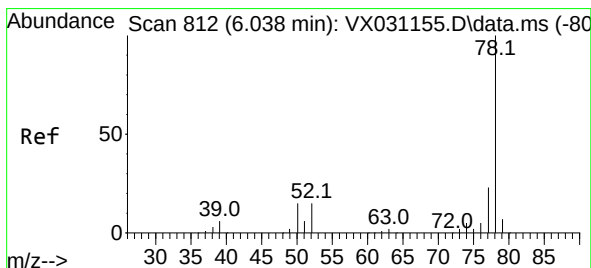
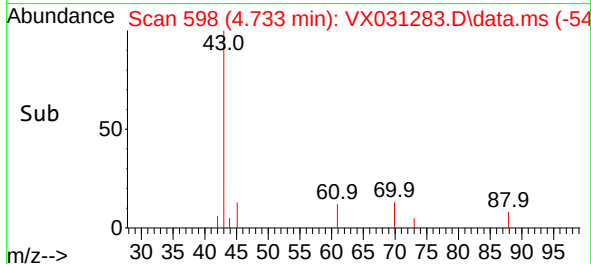
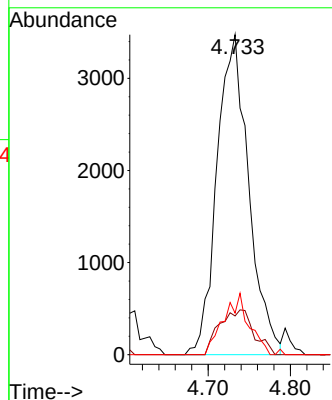
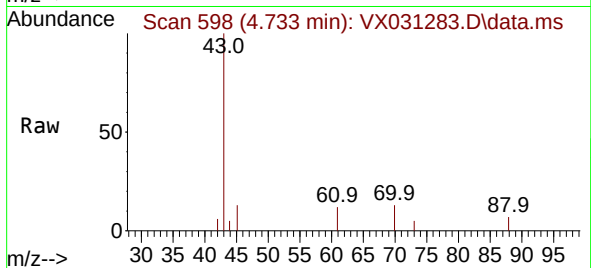
Instrument :

MSVOA_X

ClientSampleId :

090722-D

Tgt Ion:	43	Resp:	9304
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.7	17.5
70	15.4	9.3	13.9



#40

Benzene

Concen: 4.130 ug/l

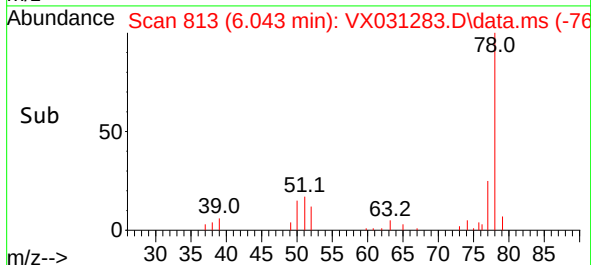
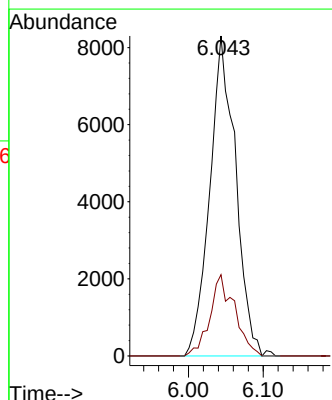
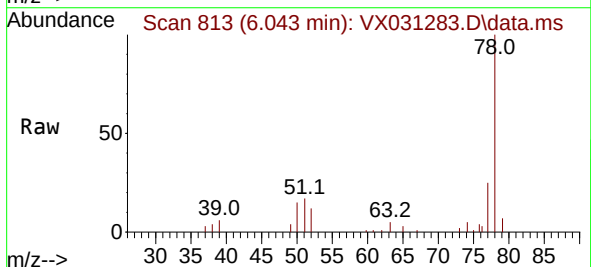
RT: 6.043 min Scan# 813

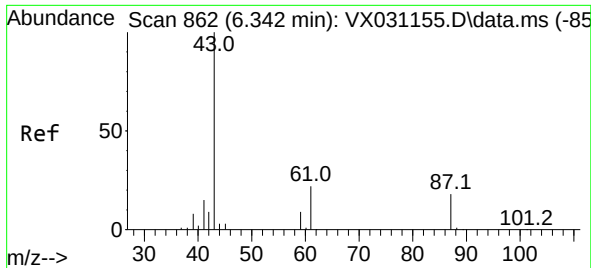
Delta R.T. 0.006 min

Lab File: VX031283.D

Acq: 12 Sep 2022 19:00

Tgt Ion:	78	Resp:	19988
Ion	Ratio	Lower	Upper
78	100		
77	25.4	18.0	27.0

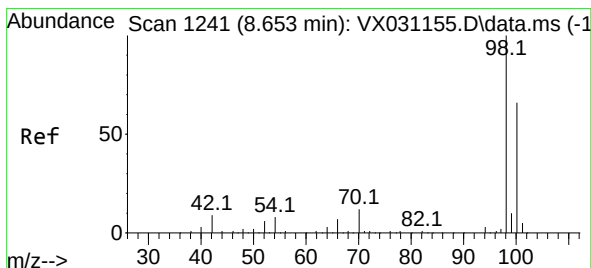
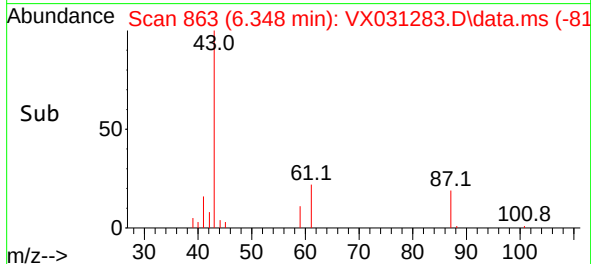
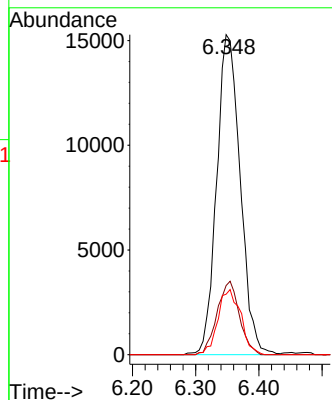
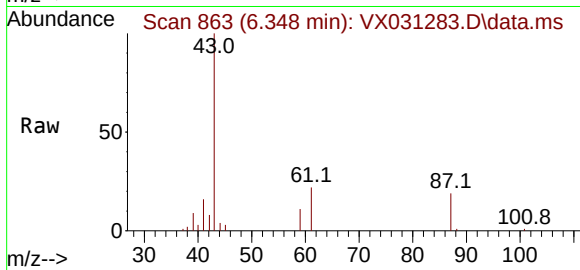




#43
Isopropyl Acetate
Concen: 15.836 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

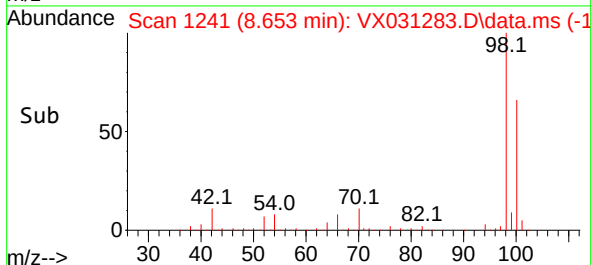
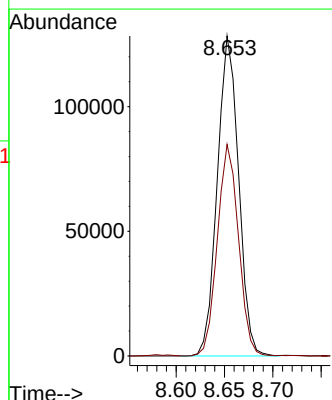
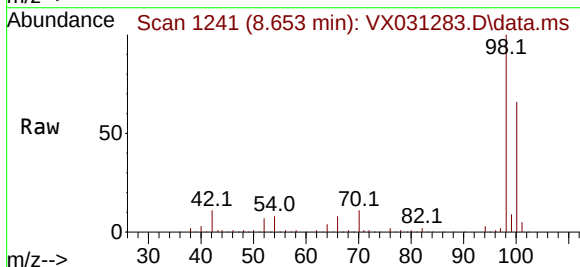
Instrument :
MSVOA_X
ClientSampleId :
090722-D

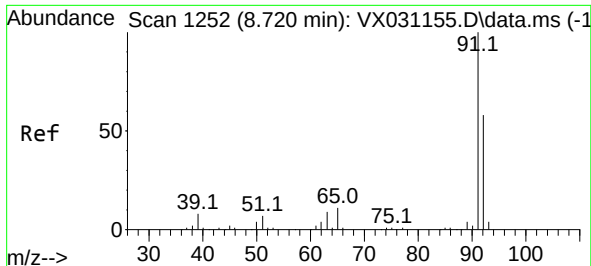
Tgt Ion: 43 Resp: 39466
Ion Ratio Lower Upper
43 100
61 21.8 16.5 24.7
87 19.8 11.1 16.7#



#50
Toluene-d8
Concen: 45.411 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

Tgt Ion: 98 Resp: 196298
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

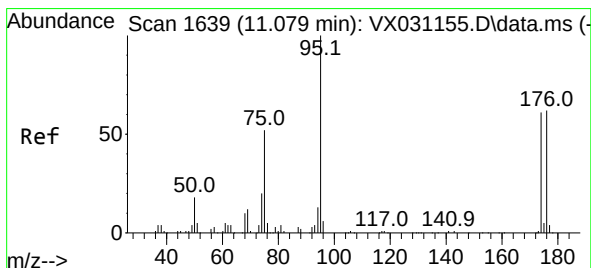
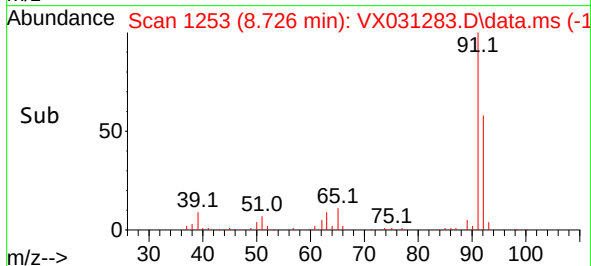
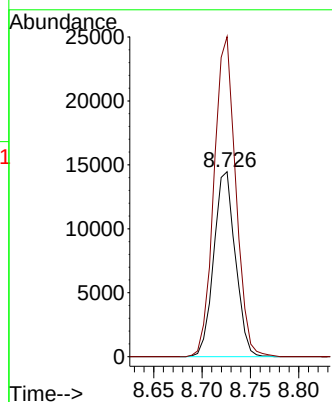
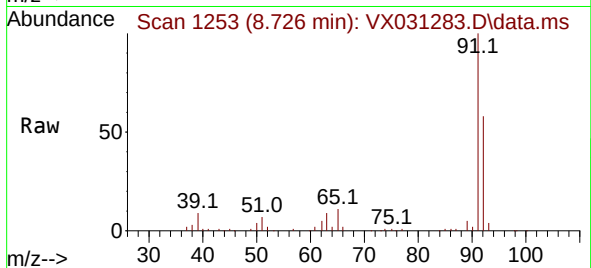




#52
Toluene
Concen: 7.024 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

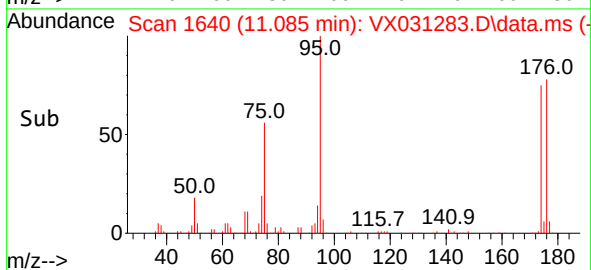
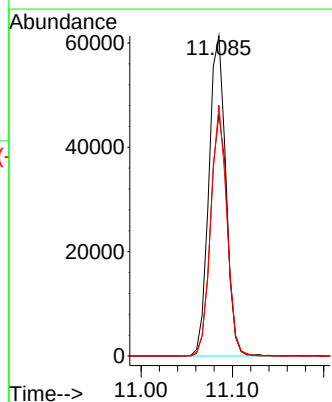
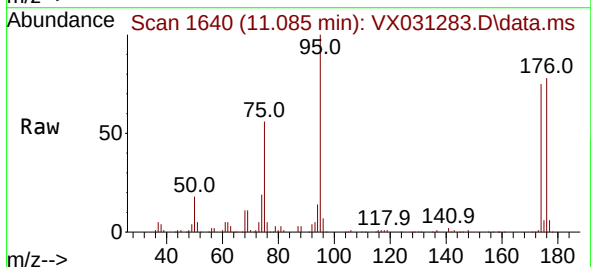
Instrument :
MSVOA_X
ClientSampleId :
090722-D

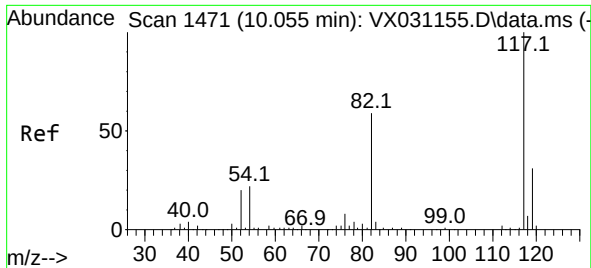
Tgt Ion: 92 Resp: 22423
Ion Ratio Lower Upper
92 100
91 174.1 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 49.591 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

Tgt Ion: 95 Resp: 78559
Ion Ratio Lower Upper
95 100
174 75.0 0.0 149.0
176 74.2 0.0 146.0

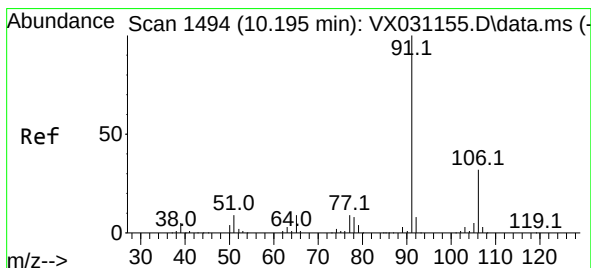
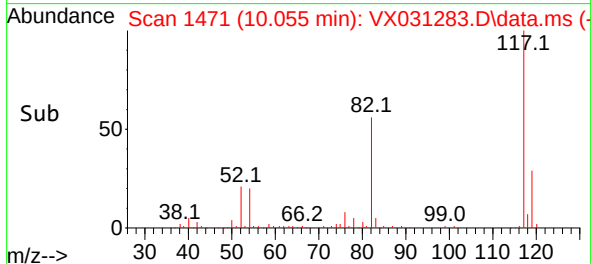
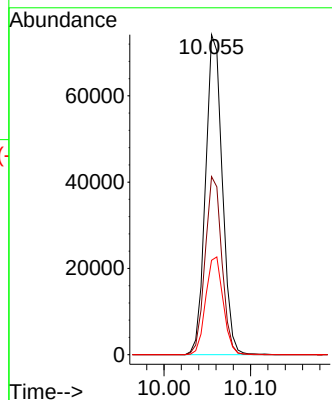
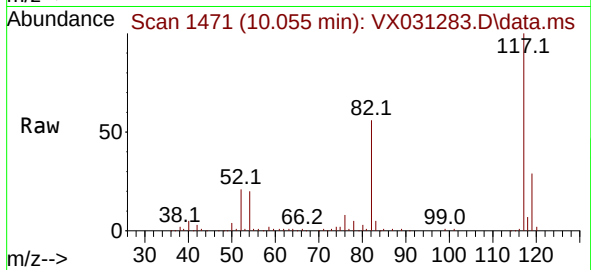




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

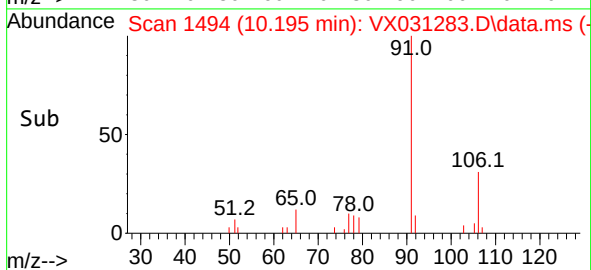
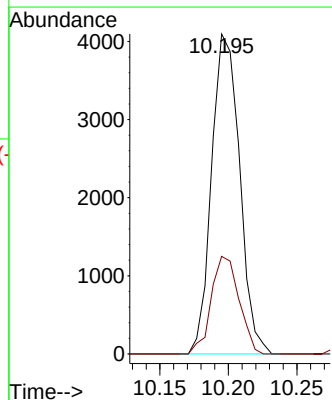
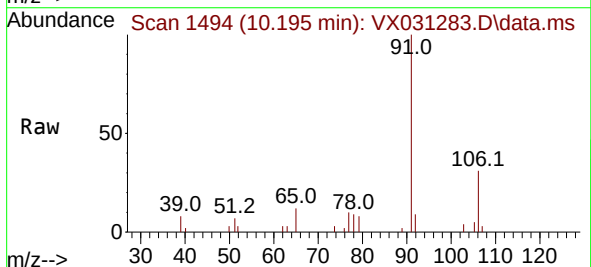
Instrument :
MSVOA_X
ClientSampleId :
090722-D

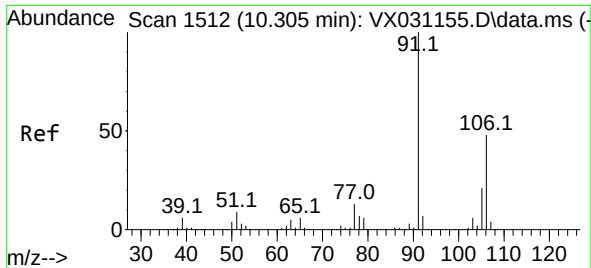
Tgt Ion:117 Resp: 99892
Ion Ratio Lower Upper
117 100
82 55.6 42.7 64.1
119 29.5 25.4 38.2



#67
Ethyl Benzene
Concen: 1.091 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

Tgt Ion: 91 Resp: 5817
Ion Ratio Lower Upper
91 100
106 30.5 25.5 38.3

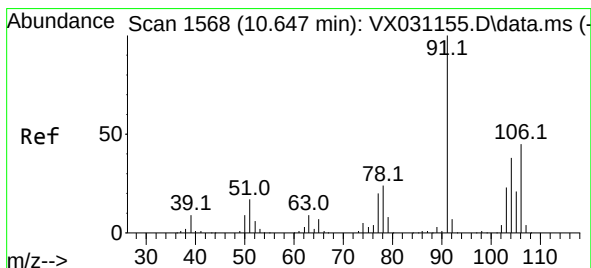
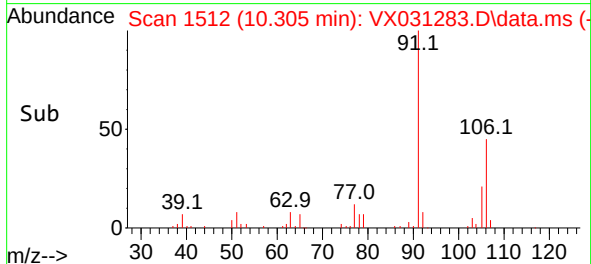
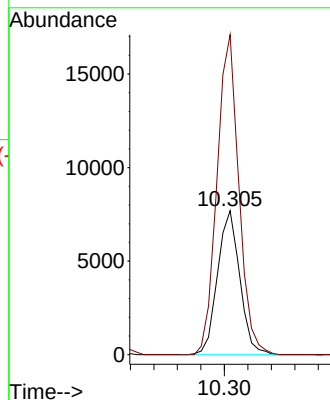
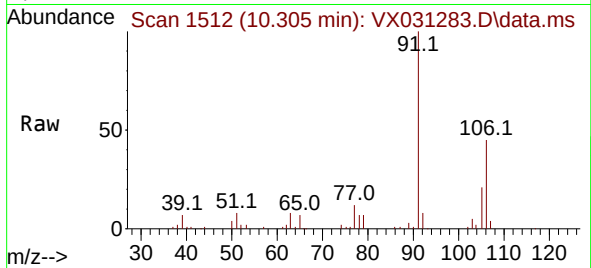




#68
m/p-Xylenes
Concen: 5.121 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

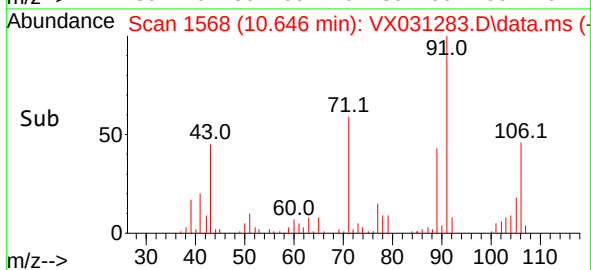
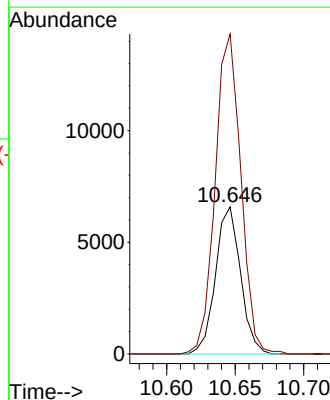
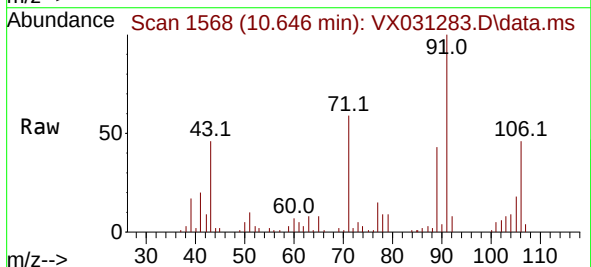
Instrument :
MSVOA_X
ClientSampleId :
090722-D

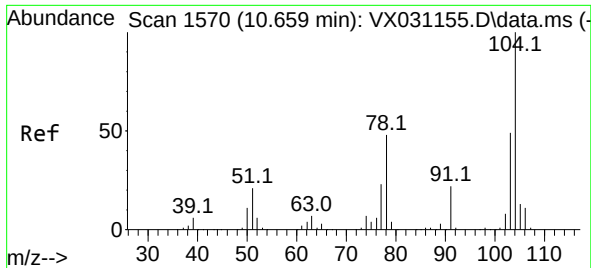
Tgt Ion:106 Resp: 10117
Ion Ratio Lower Upper
106 100
91 218.7 158.2 237.4



#69
o-Xylene
Concen: 4.235 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

Tgt Ion:106 Resp: 8350
Ion Ratio Lower Upper
106 100
91 223.3 103.8 311.6

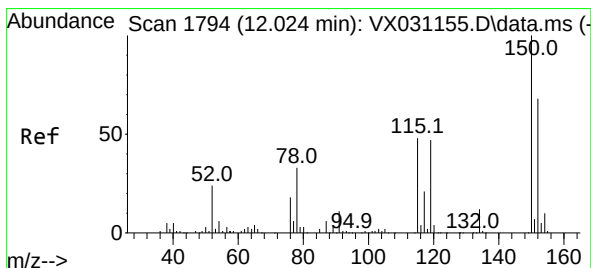
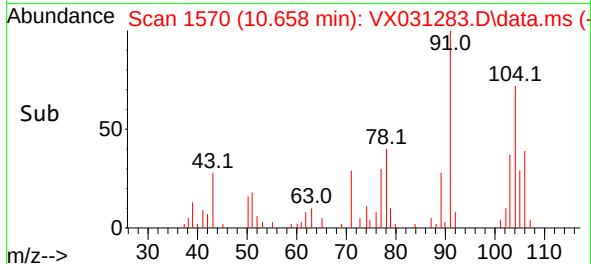
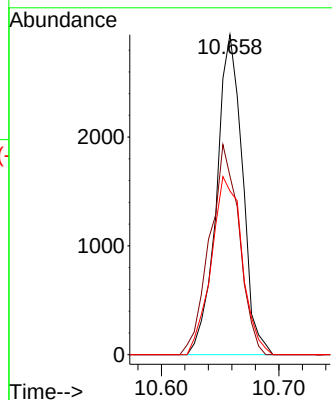
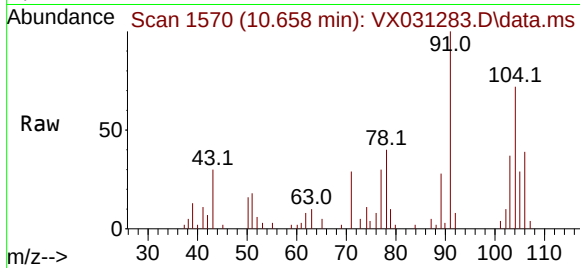




#70
Styrene
Concen: 1.428 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

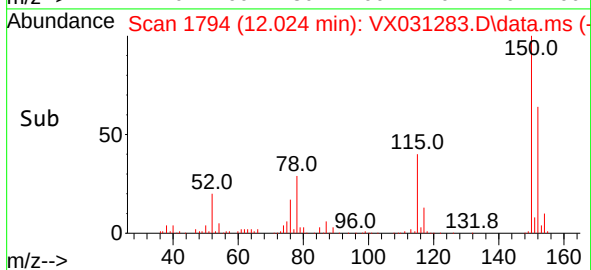
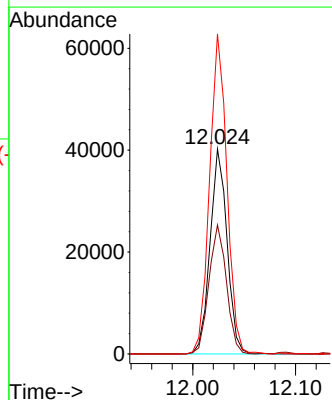
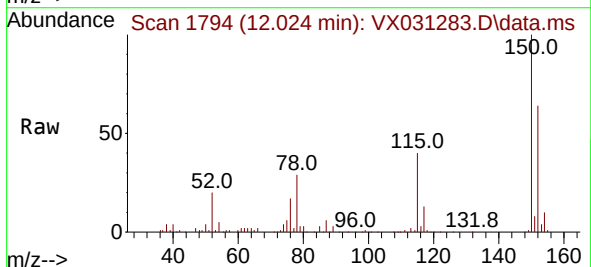
Instrument :
MSVOA_X
ClientSampleId :
090722-D

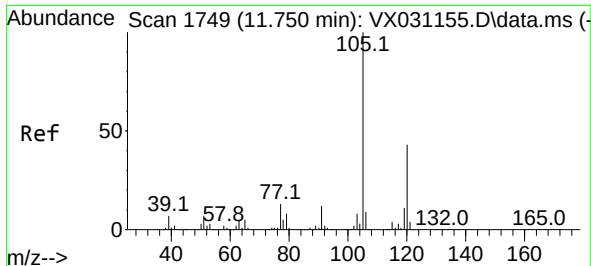
Tgt Ion:104 Resp: 4515
Ion Ratio Lower Upper
104 100
78 74.2 37.8 56.8#
103 65.7 44.5 66.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031283.D
Acq: 12 Sep 2022 19:00

Tgt Ion:152 Resp: 46399
Ion Ratio Lower Upper
152 100
115 64.8 40.5 121.5
150 158.7 0.0 347.0

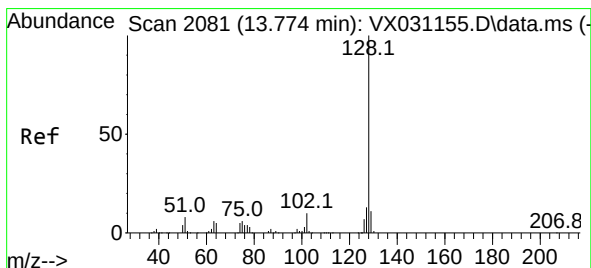
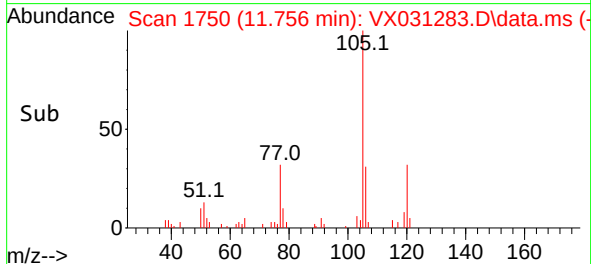
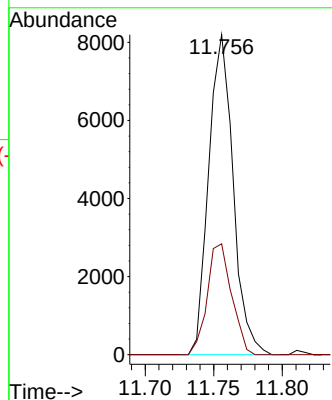
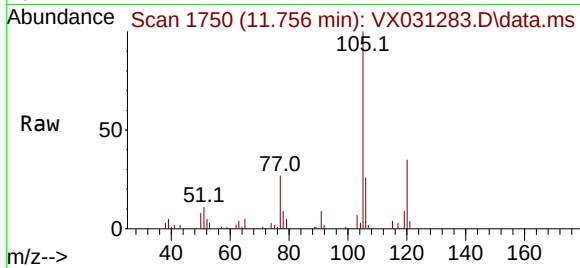




#84
 1,2,4-Trimethylbenzene
 Concen: 3.086 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX031283.D
 Acq: 12 Sep 2022 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 090722-D

Tgt Ion:105 Resp: 10162
 Ion Ratio Lower Upper
 105 100
 120 34.6 22.9 68.8



#95
 Naphthalene
 Concen: 36.077 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX031283.D
 Acq: 12 Sep 2022 19:00

Tgt Ion:128 Resp: 131902
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.2 15.2
 129 10.5 8.6 13.0

