

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062822\
 Data File : VX029839.D
 Acq On : 28 Jun 2022 19:26
 Operator : JC/MD
 Sample : N3494-04
 Misc : 6.77g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-3-GR

Quant Time: Jun 29 06:07:08 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)

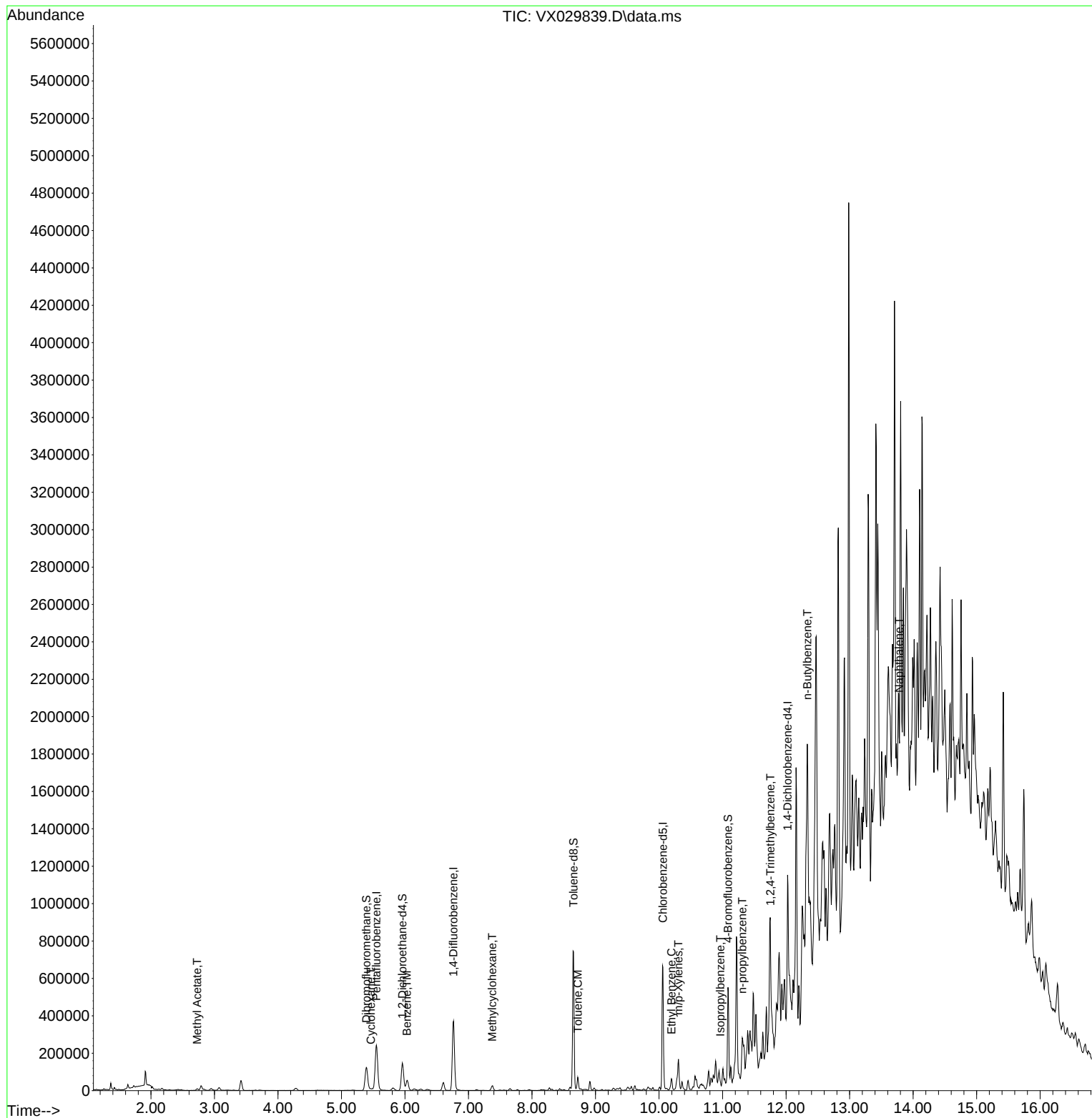
Internal Standards						
1) Pentafluorobenzene	5.550	168	243784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	411430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	344128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131749	42.694	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.380%
35) Dibromofluoromethane	5.391	113	114132	44.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.780%
50) Toluene-d8	8.653	98	465484	48.257	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.085	95	150902	44.257	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.520%
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.727	43	12483	2.682	ug/l	97
31) Cyclohexane	5.464	56	5053	1.174	ug/l #	77
39) Methylcyclohexane	7.373	83	11472	2.774	ug/l #	91
40) Benzene	6.031	78	68104	6.159	ug/l	98
52) Toluene	8.720	92	24035	3.602	ug/l	96
67) Ethyl Benzene	10.195	91	34082	2.837	ug/l	98
68) m/p-Xylenes	10.305	106	34704	7.531	ug/l	95
73) Isopropylbenzene	10.963	105	12699	1.145	ug/l	100
78) n-propylbenzene	11.311	91	71466	5.463	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	27994	3.035	ug/l	99
89) n-Butylbenzene	12.335	91	41905	4.857	ug/l	76
95) Naphthalene	13.780	128	43061	3.478	ug/l #	81

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

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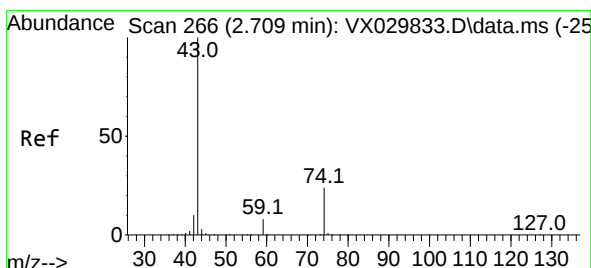
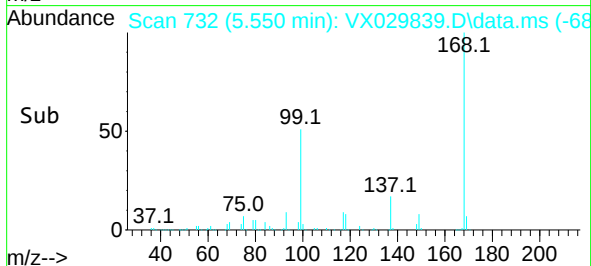
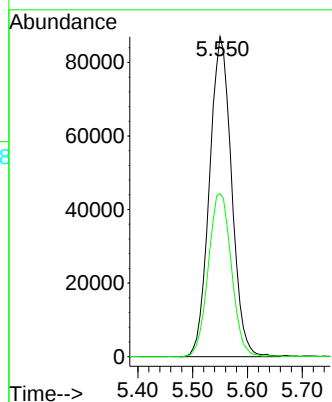
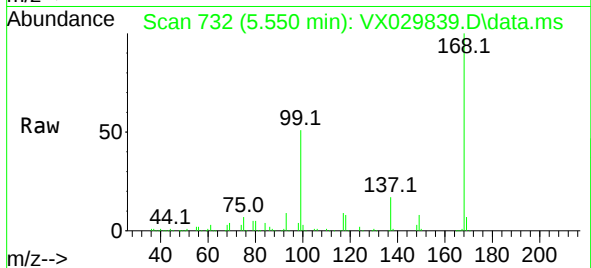




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

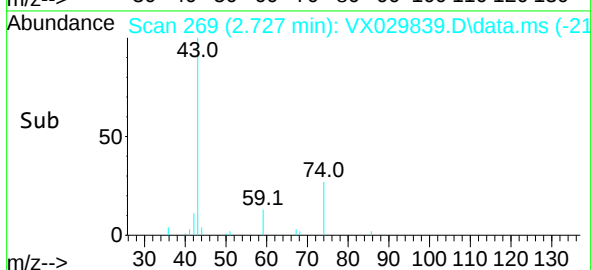
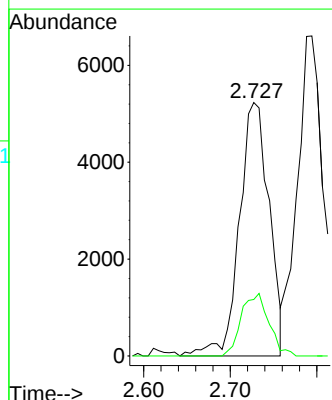
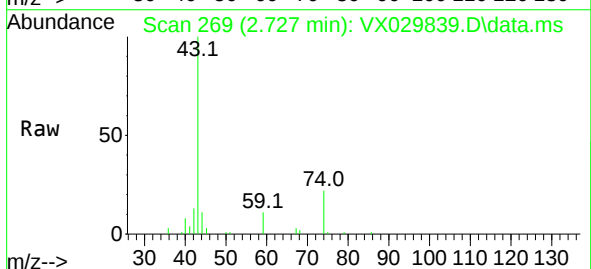
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

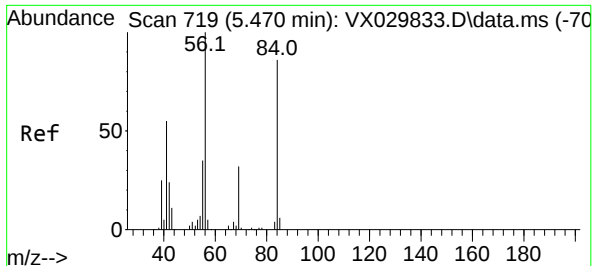
Tgt Ion:168 Resp: 243784
Ion Ratio Lower Upper
168 100
99 50.9 44.0 66.0



#18
Methyl Acetate
Concen: 2.682 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 43 Resp: 12483
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2

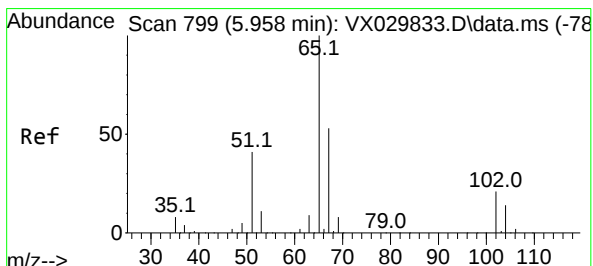
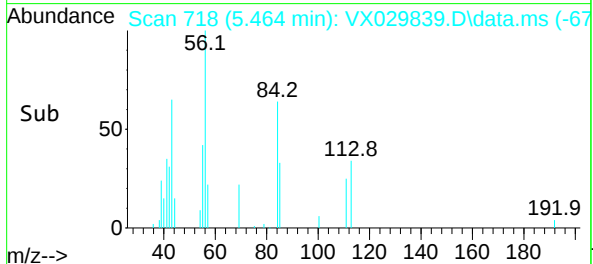
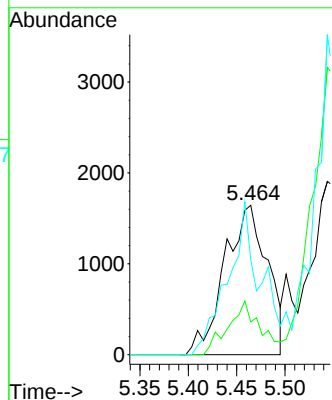
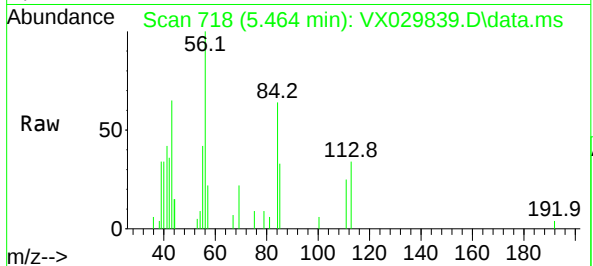




#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

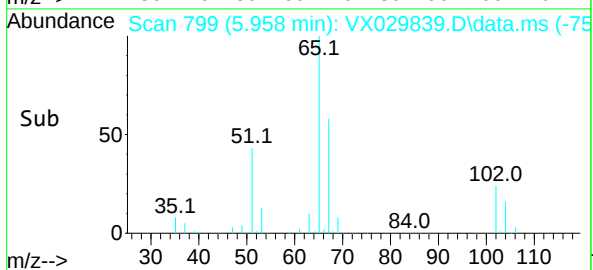
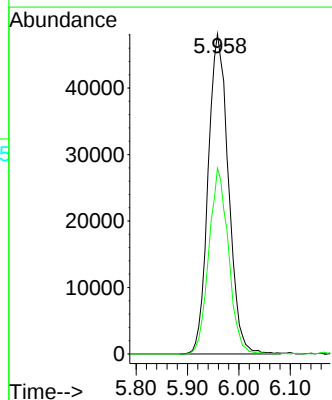
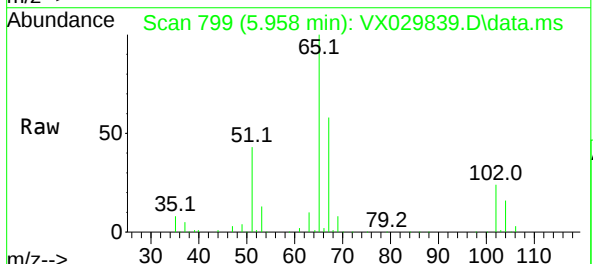
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

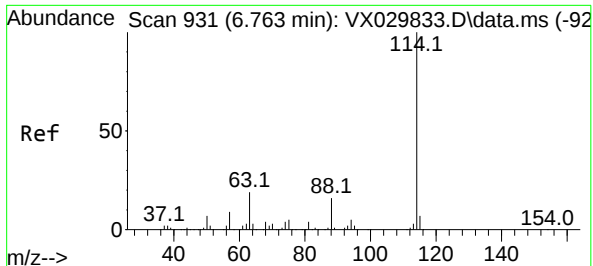
Tgt Ion: 56 Resp: 5053
Ion Ratio Lower Upper
56 100
69 21.9 25.4 38.0#
84 63.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 42.694 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 65 Resp: 131749
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6

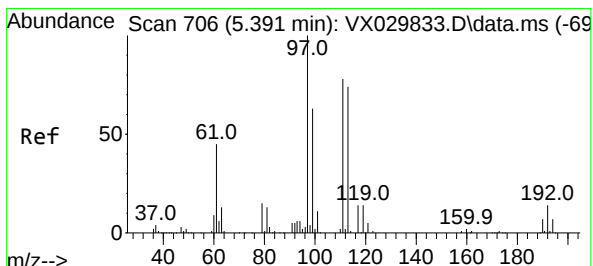
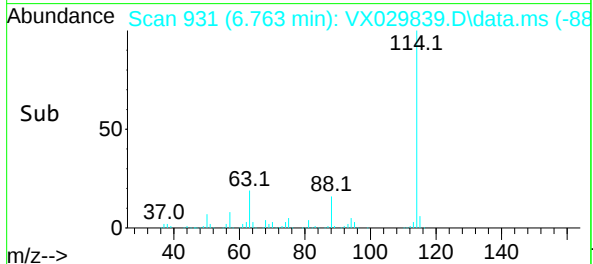
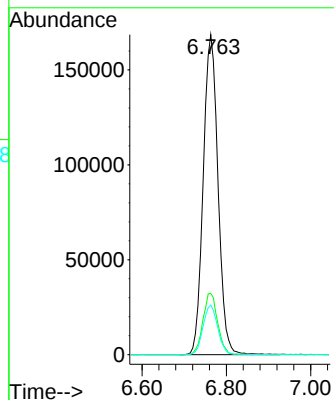
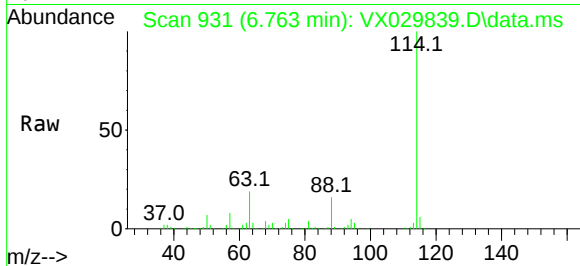




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

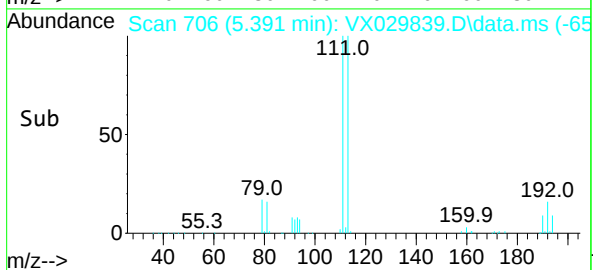
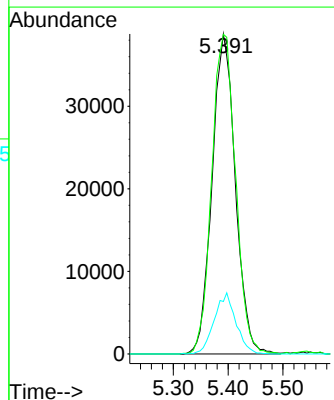
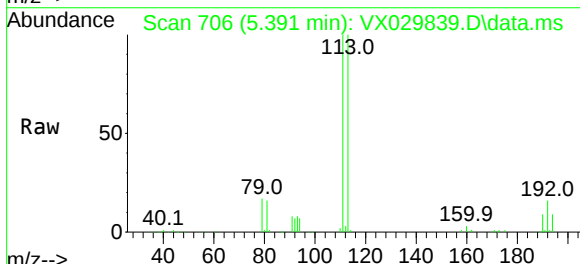
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

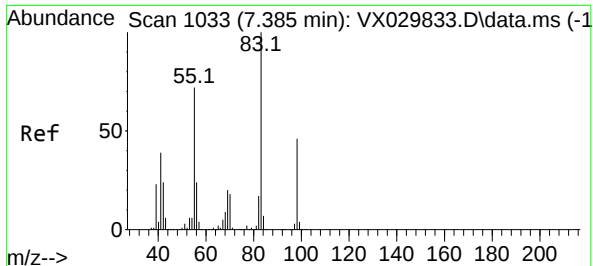
Tgt Ion:114 Resp: 411430
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.388 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion:113 Resp: 114132
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 17.8 14.8 22.2





#39

Methylcyclohexane

Concen: 2.774 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-3-GR

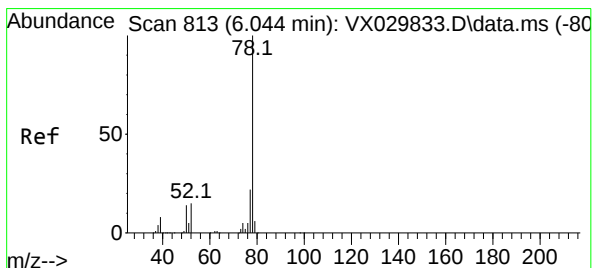
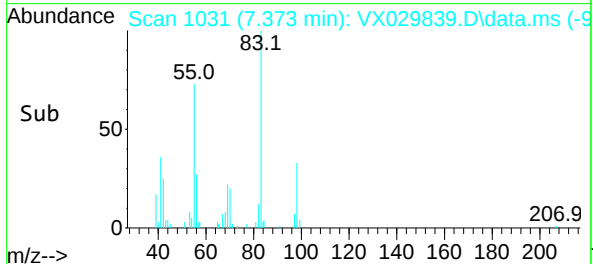
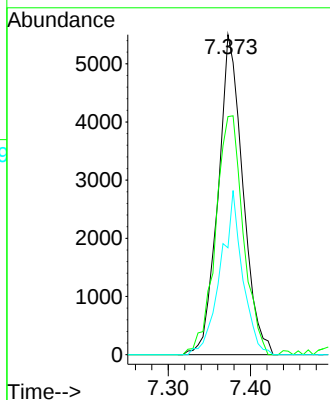
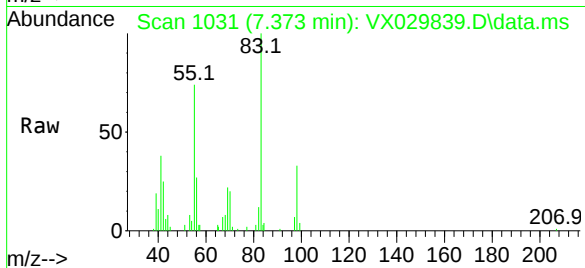
Tgt Ion: 83 Resp: 11472

Ion Ratio Lower Upper

83 100

55 74.4 57.7 86.5

98 33.4 36.5 54.7#



#40

Benzene

Concen: 6.159 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.012 min

Lab File: VX029839.D

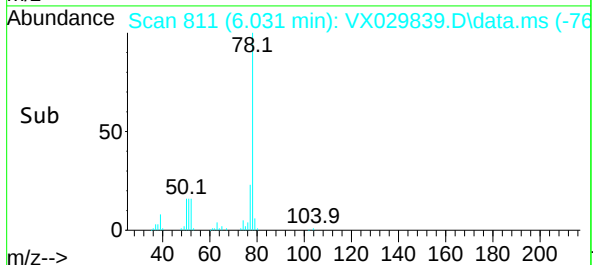
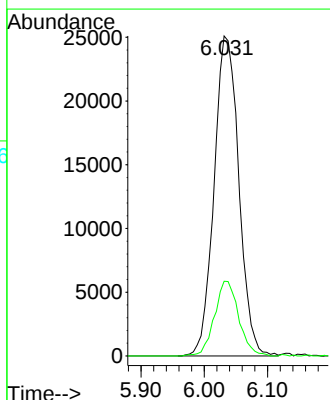
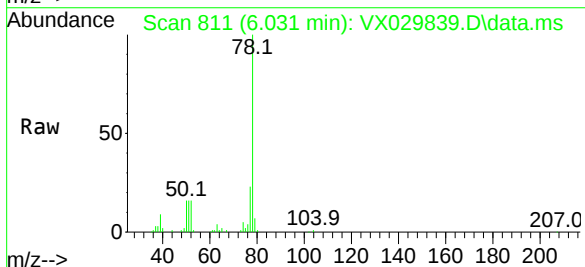
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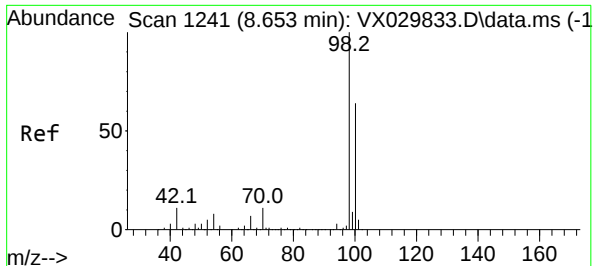
Tgt Ion: 78 Resp: 68104

Ion Ratio Lower Upper

78 100

77 23.3 18.0 27.0

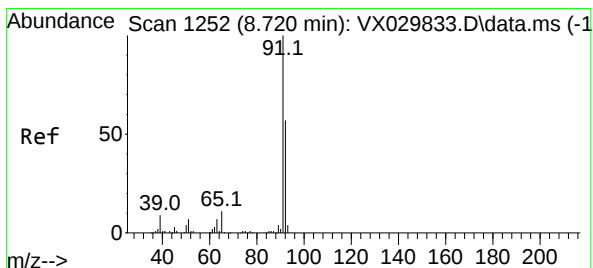
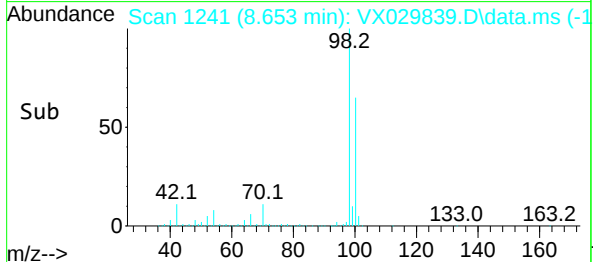
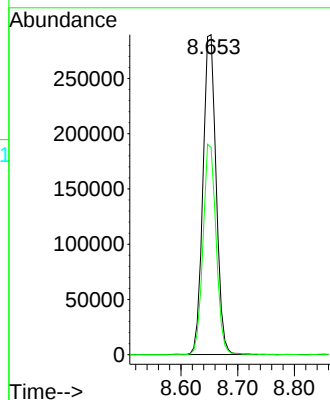
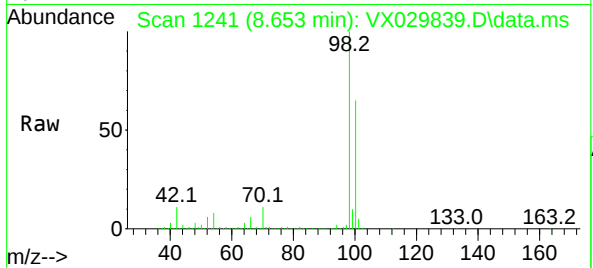




#50
Toluene-d8
Concen: 48.257 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

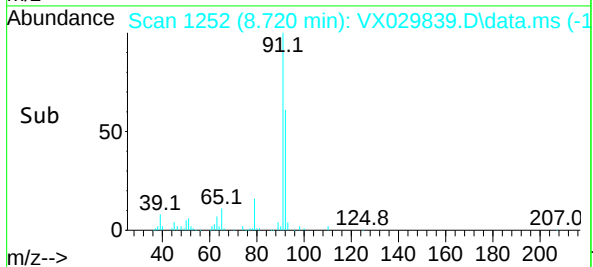
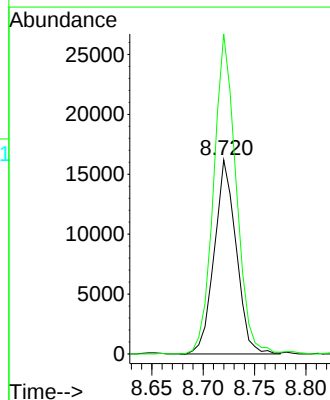
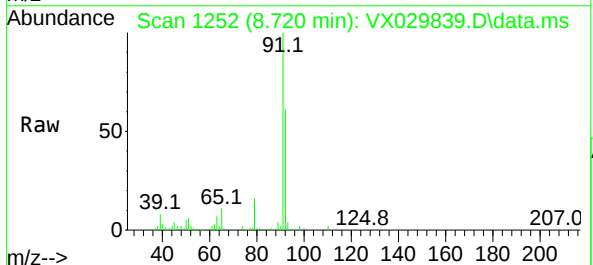
Instrument :
MSVOA_X
ClientSampleId :
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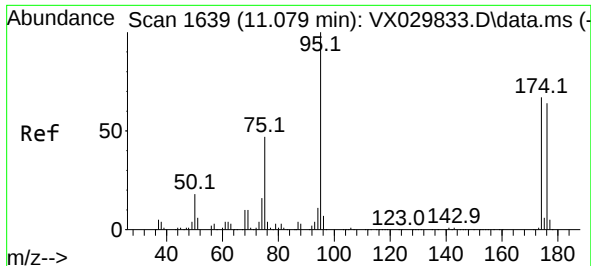
Tgt Ion: 98 Resp: 465484
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#52
Toluene
Concen: 3.602 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 92 Resp: 24035
Ion Ratio Lower Upper
92 100
91 169.0 139.2 208.8

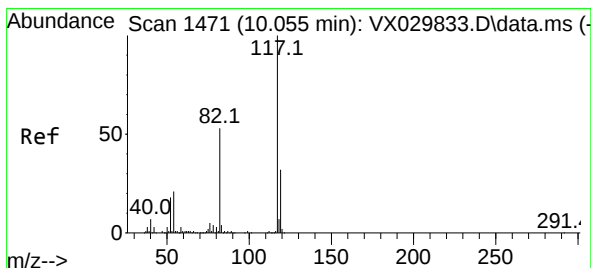
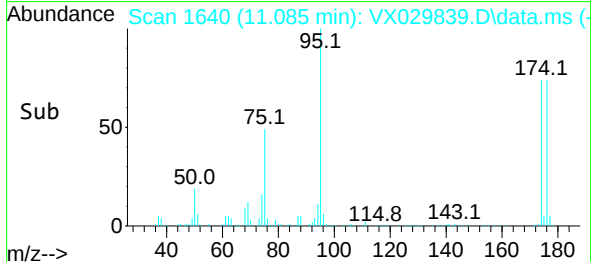
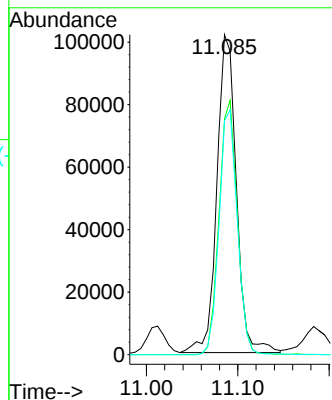
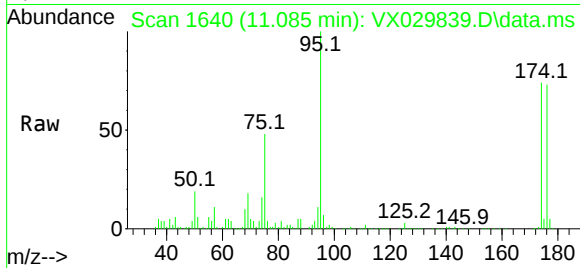




#62
4-Bromofluorobenzene
Concen: 44.257 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

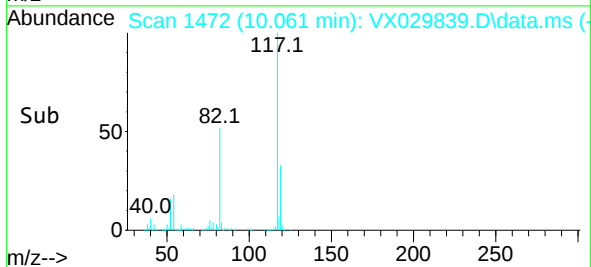
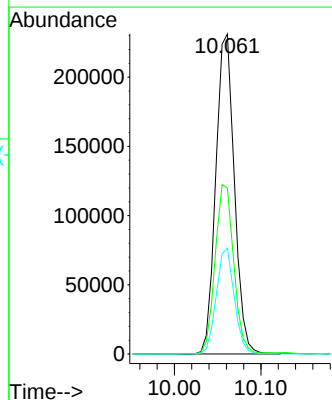
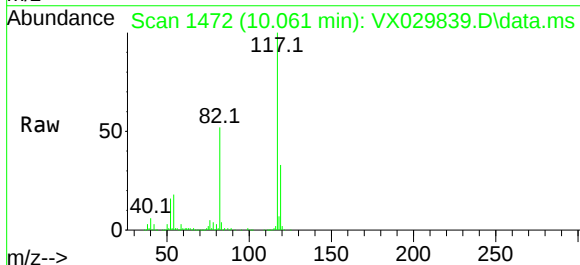
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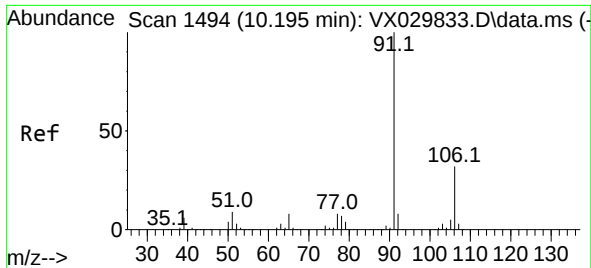
Tgt Ion: 95 Resp: 150902
Ion Ratio Lower Upper
95 100
174 74.9 0.0 149.0
176 71.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 117 Resp: 344128
Ion Ratio Lower Upper
117 100
82 51.8 42.7 64.1
119 33.1 25.4 38.2





#67

Ethyl Benzene

Concen: 2.837 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

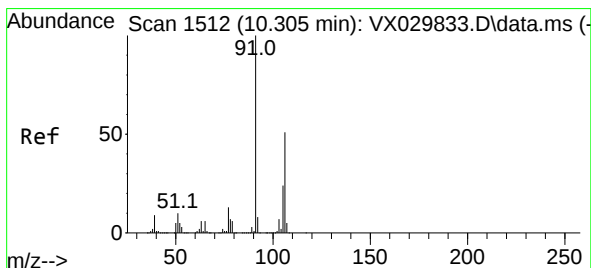
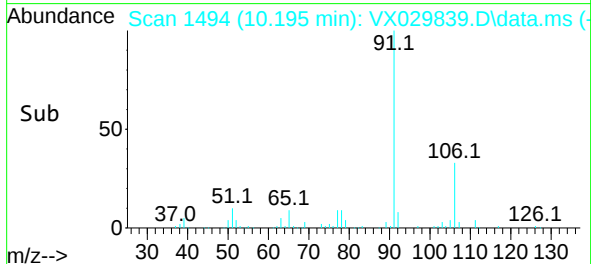
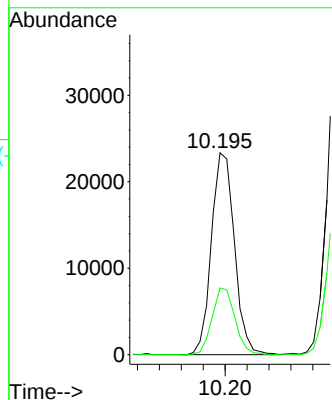
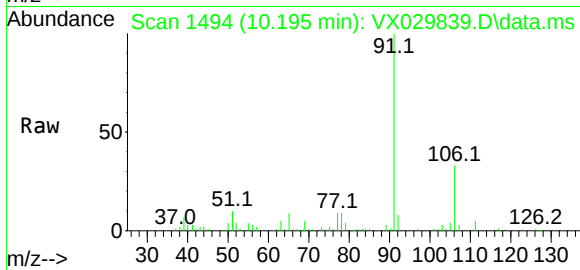
SP-EXC-3-GR

Tgt Ion: 91 Resp: 34082

Ion Ratio Lower Upper

91 100

106 33.0 25.5 38.3



#68

m/p-Xylenes

Concen: 7.531 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX029839.D

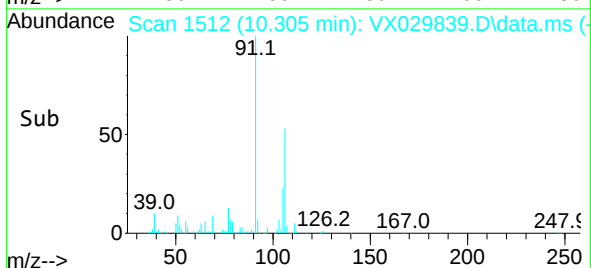
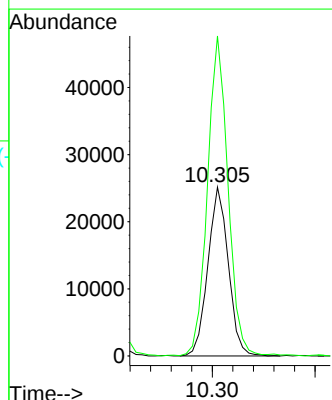
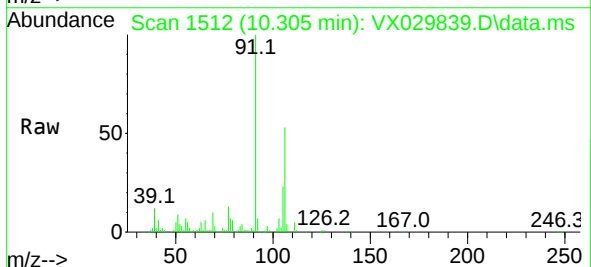
Acq: 28 Jun 2022 19:26

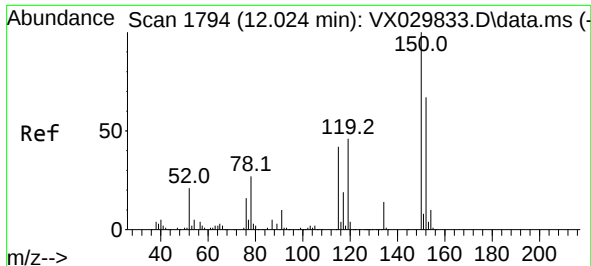
Tgt Ion: 106 Resp: 34704

Ion Ratio Lower Upper

106 100

91 190.9 158.2 237.4

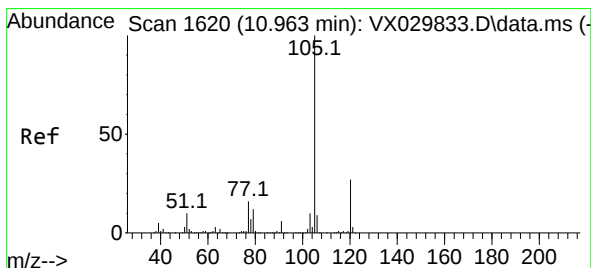
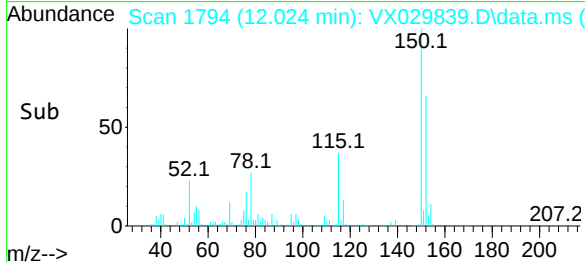
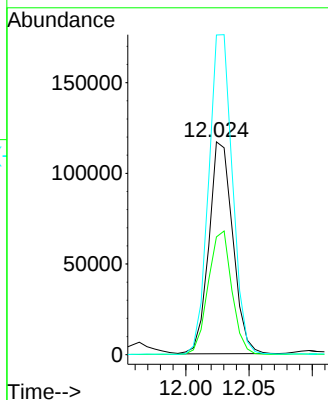
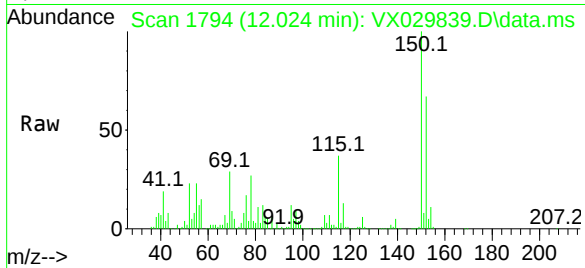




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

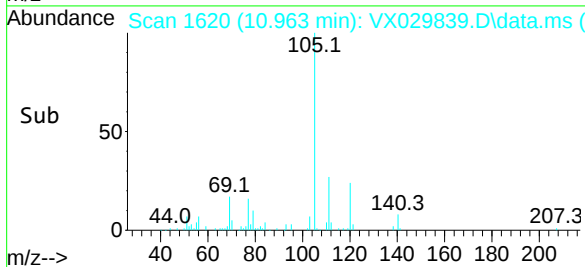
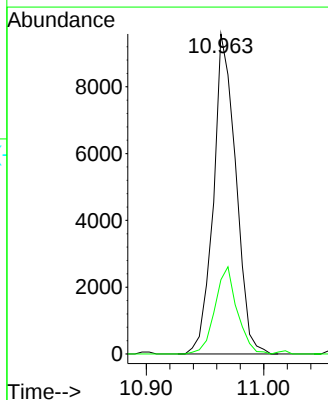
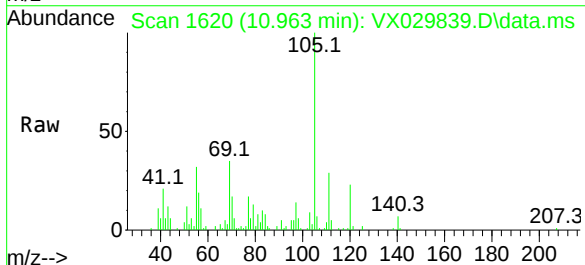
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

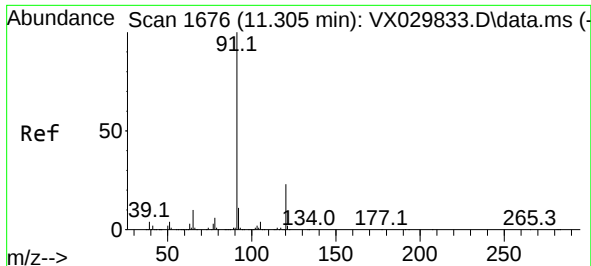
Tgt Ion:152 Resp: 153276
Ion Ratio Lower Upper
152 100
115 57.5 40.5 121.5
150 150.2 0.0 347.0



#73
Isopropylbenzene
Concen: 1.145 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion:105 Resp: 12699
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

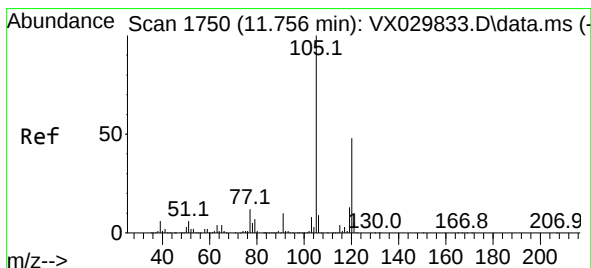
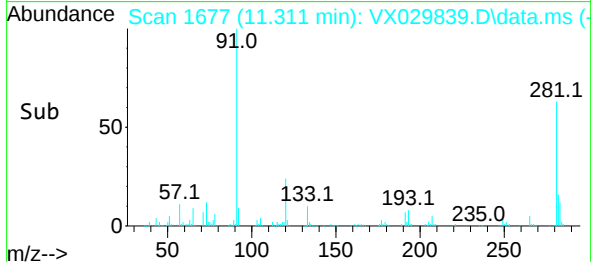
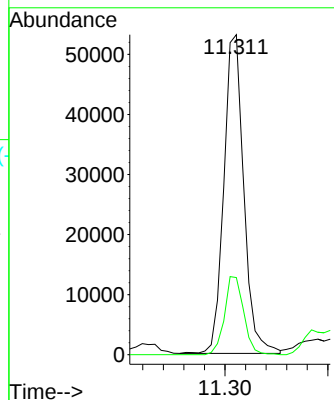
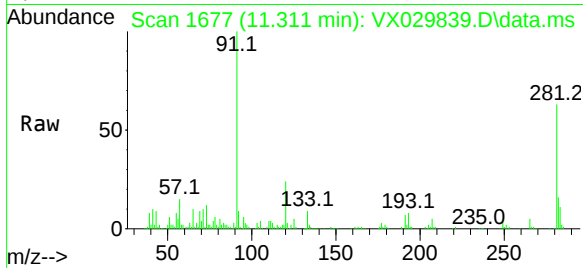




#78
n-propylbenzene
Concen: 5.463 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

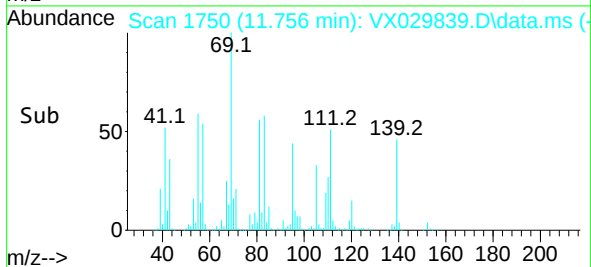
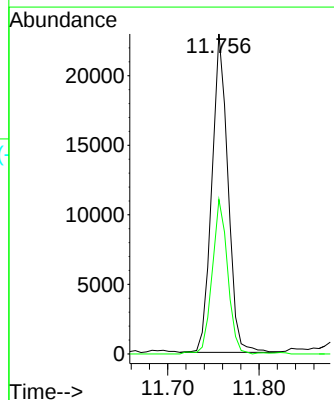
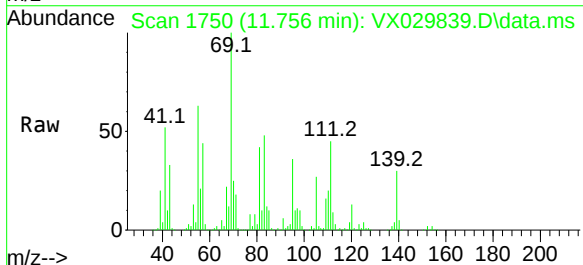
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

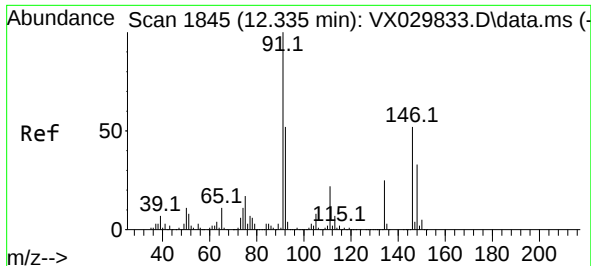
Tgt Ion: 91 Resp: 71466
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 3.035 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 105 Resp: 27994
Ion Ratio Lower Upper
105 100
120 46.6 22.9 68.8

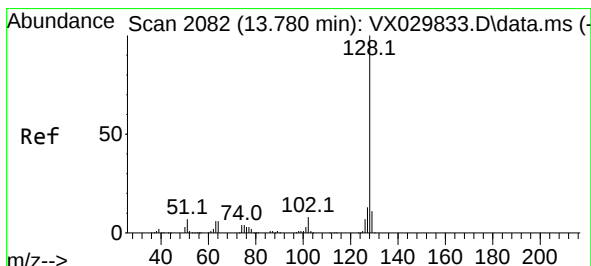
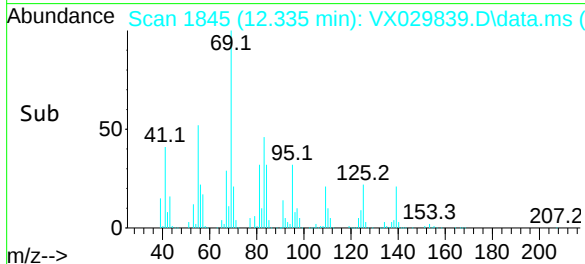
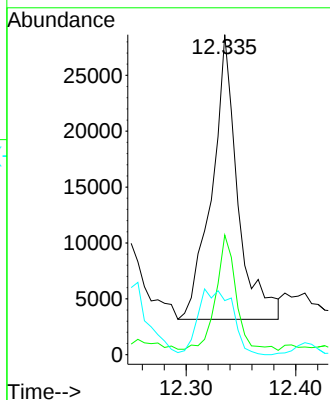
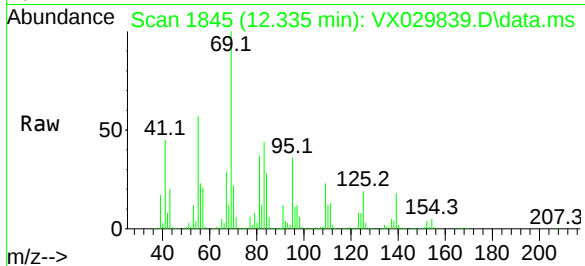




#89
n-Butylbenzene
Concen: 4.857 ug/l
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

Tgt Ion: 91 Resp: 41905
Ion Ratio Lower Upper
91 100
92 31.4 26.2 78.5
134 30.6 12.6 37.8



#95
Naphthalene
Concen: 3.478 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 128 Resp: 43061
Ion Ratio Lower Upper
128 100
127 22.3 10.2 15.2#
129 15.8 8.6 13.0#

