

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026281.D
 Acq On : 04 Jan 2022 18:56
 Operator : JC/MD
 Sample : M5333-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Jan 05 06:13:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

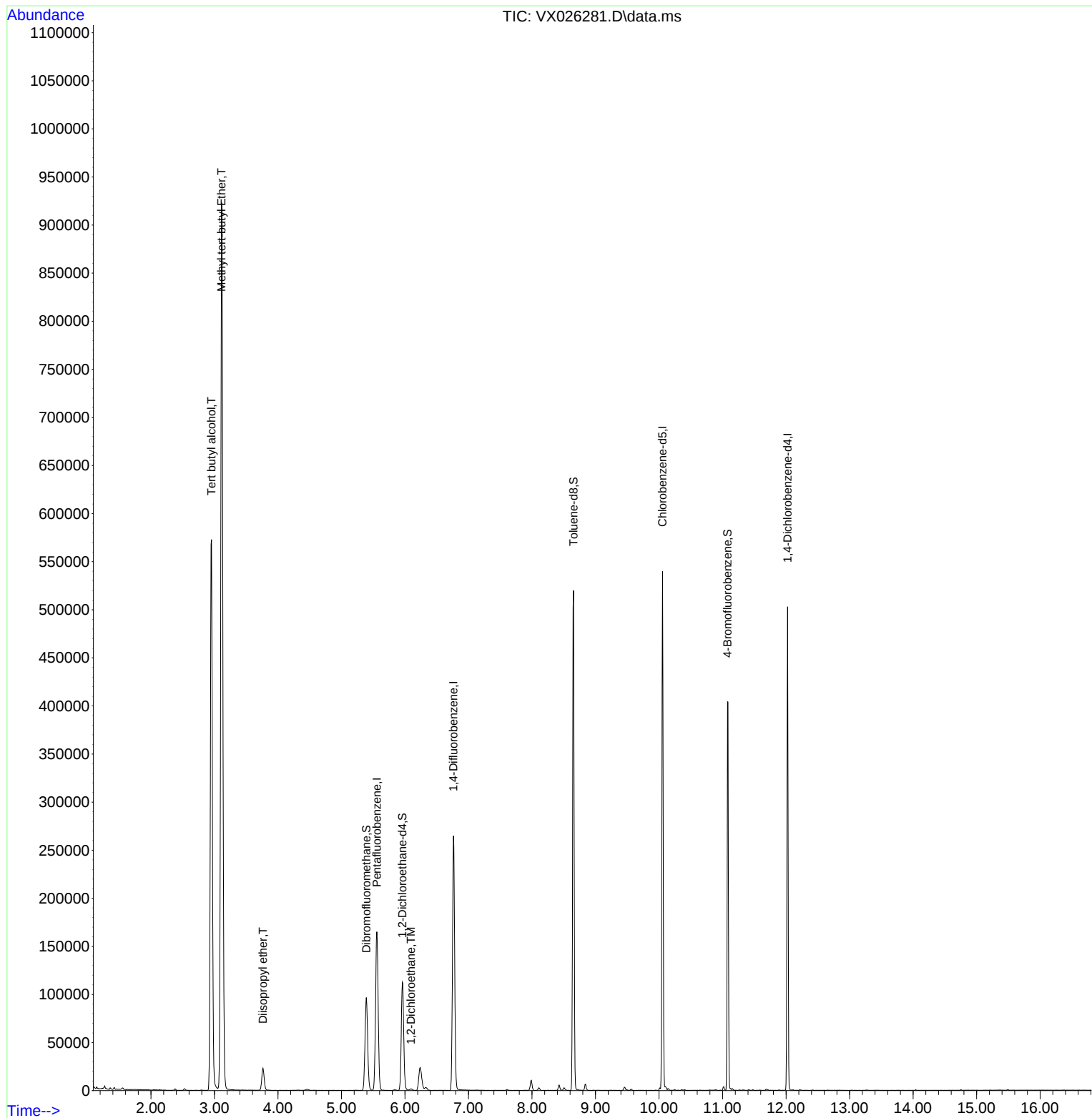
Internal Standards						
1) Pentafluorobenzene	5.556	168	147523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114216	53.516	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.040%
35) Dibromofluoromethane	5.391	113	83380	50.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.340%
50) Toluene-d8	8.653	98	300544	48.618	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.240%
62) 4-Bromofluorobenzene	11.079	95	110061	50.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	669334	1570.195	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1015166	177.915	ug/l	99
22) Diisopropyl ether	3.764	45	25199	4.090	ug/l #	78
42) 1,2-Dichloroethane	6.092	62	1953	0.631	ug/l	85

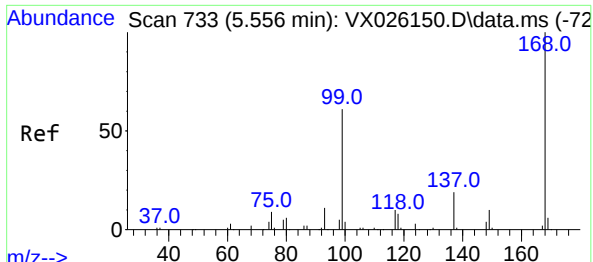
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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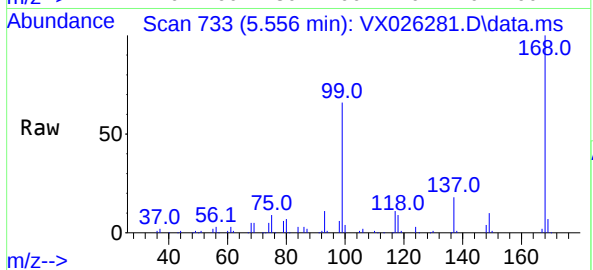
Quant Time: Jan 05 06:13:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



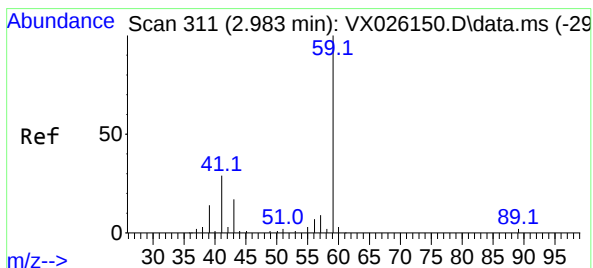
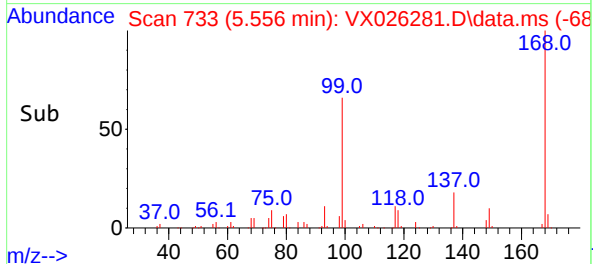
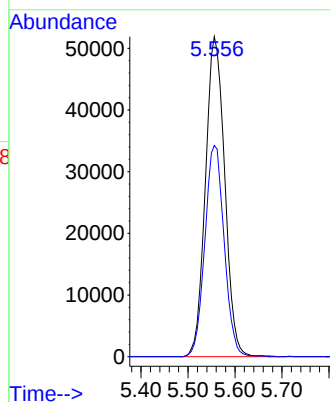


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :
MW-7

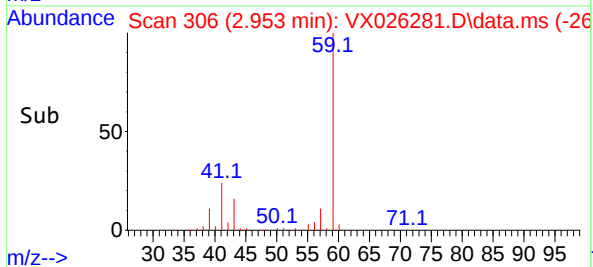
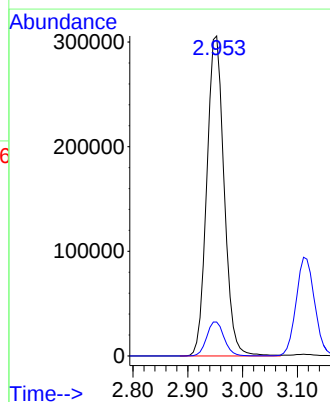
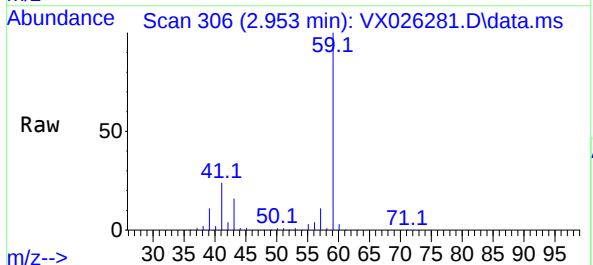


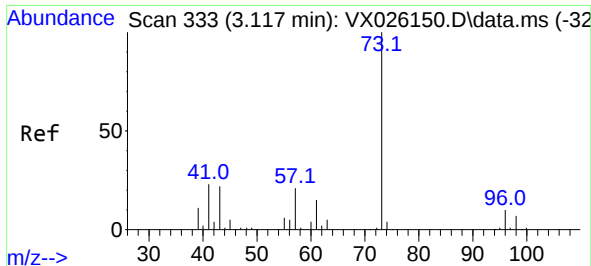
Tgt Ion:168 Resp: 147523
Ion Ratio Lower Upper
168 100
99 66.0 45.8 68.8



#11
Tert butyl alcohol
Concen: 1570.195 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion: 59 Resp: 669334
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

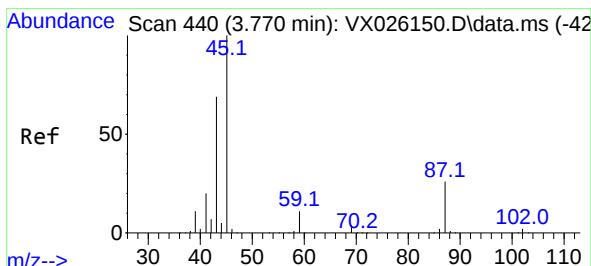
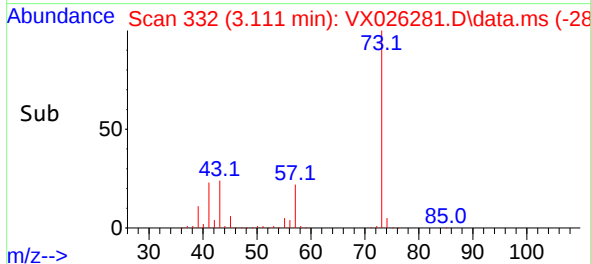
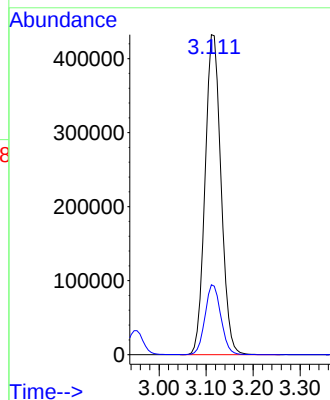
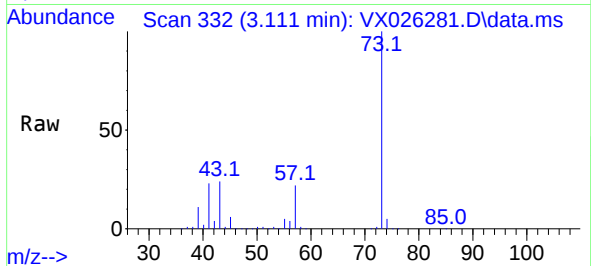




#19
Methyl tert-butyl Ether
Concen: 177.915 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

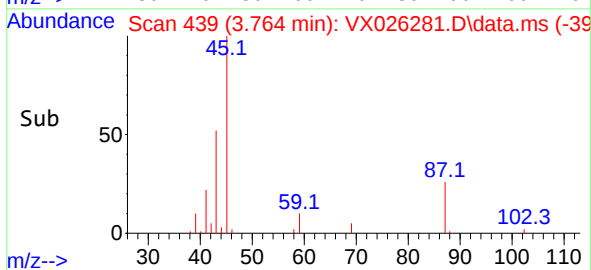
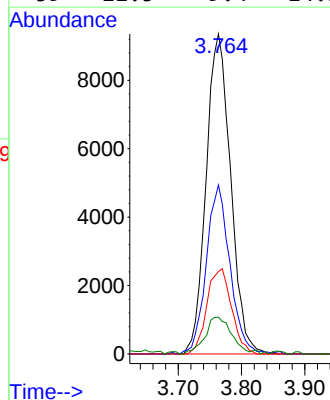
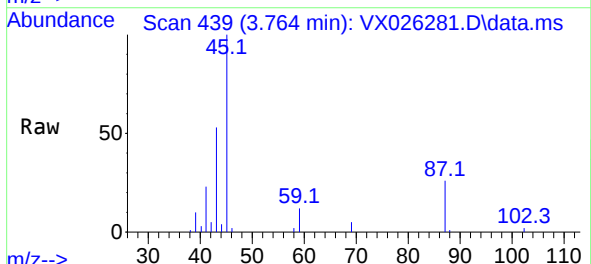
Instrument :
MSVOA_X
ClientSampleId :
MW-7

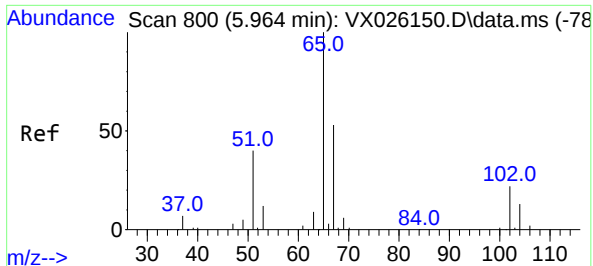
Tgt Ion: 73 Resp: 1015166
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



#22
Diisopropyl ether
Concen: 4.090 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion: 45 Resp: 25199
Ion Ratio Lower Upper
45 100
43 52.8 63.8 95.6#
87 25.8 24.2 36.4
59 11.5 9.4 14.2





#33

1,2-Dichloroethane-d4

Concen: 53.516 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026281.D

Acq: 04 Jan 2022 18:56

Instrument :

MSVOA_X

ClientSampleId :

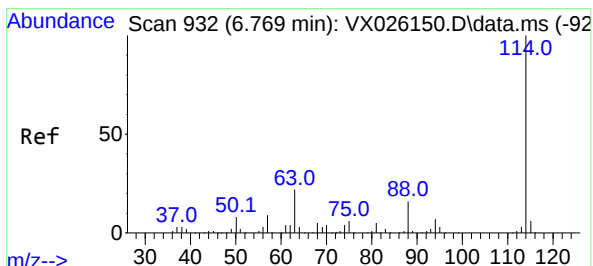
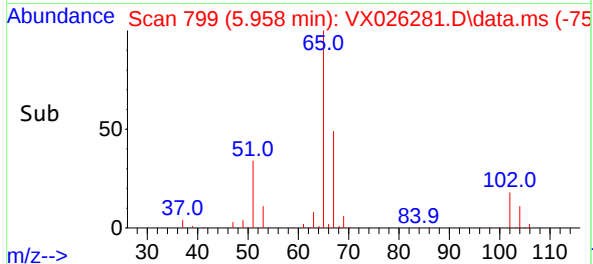
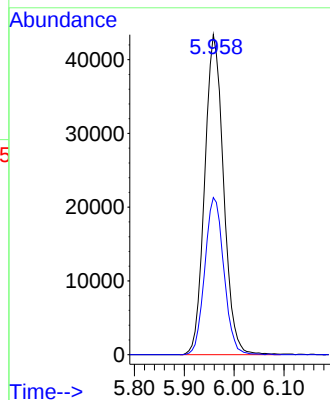
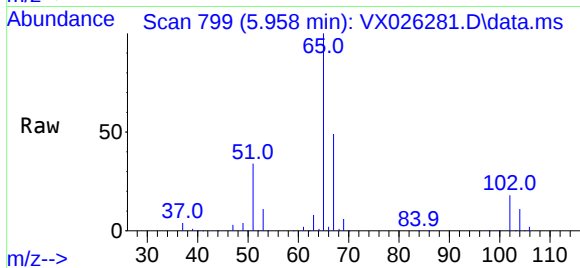
MW-7

Tgt Ion: 65 Resp: 114216

Ion Ratio Lower Upper

65 100

67 49.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026281.D

Acq: 04 Jan 2022 18:56

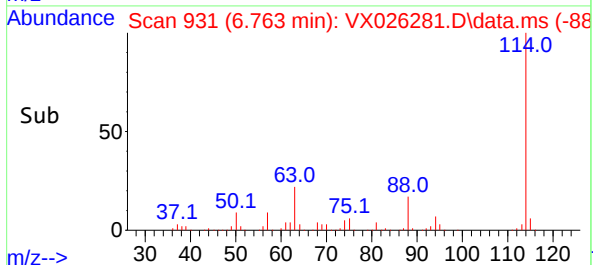
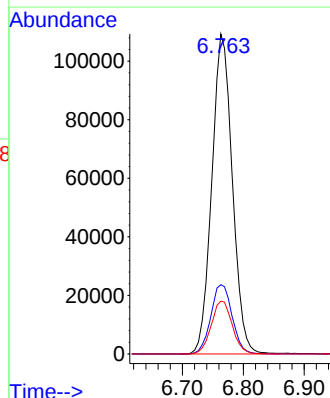
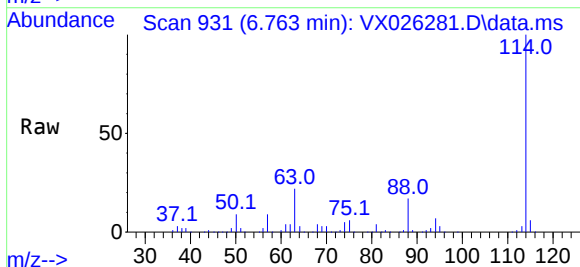
Tgt Ion: 114 Resp: 255628

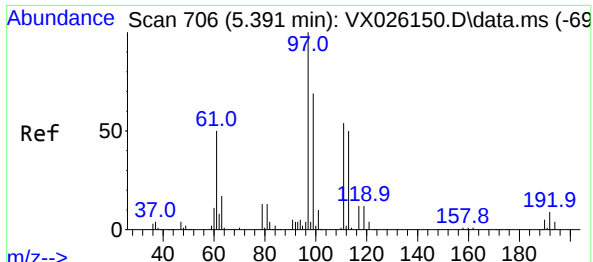
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.5 0.0 30.6

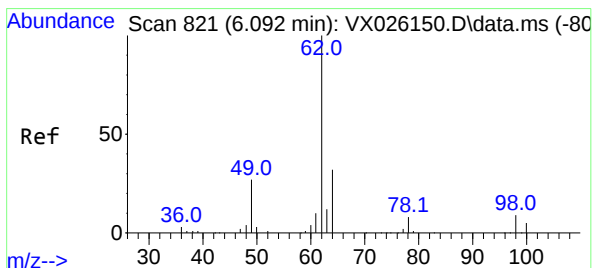
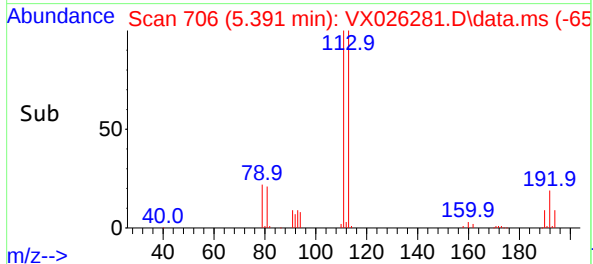
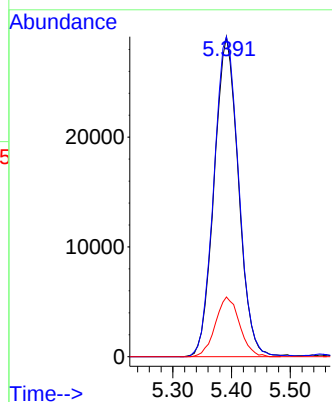
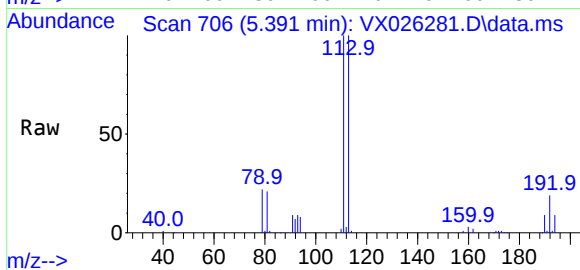




#35
Dibromofluoromethane
Concen: 50.171 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

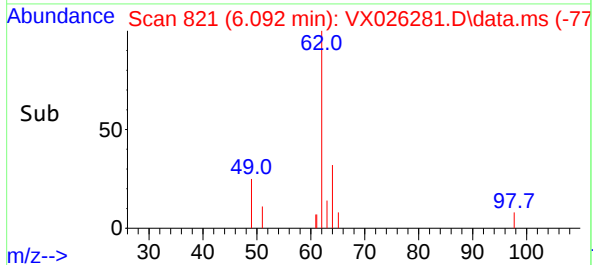
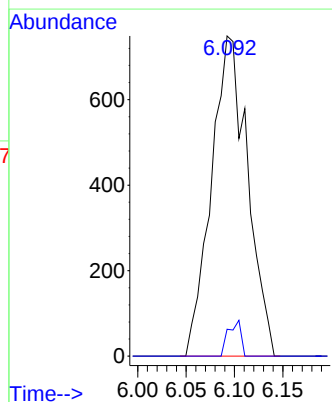
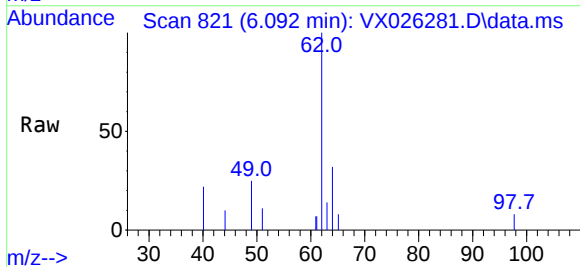
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ClientSampleId :
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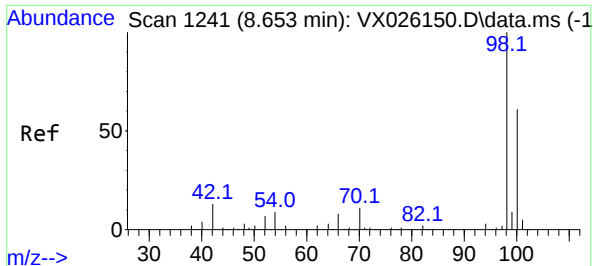
Tgt Ion:113 Resp: 83380
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 18.6 15.0 22.4



#42
1,2-Dichloroethane
Concen: 0.631 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion: 62 Resp: 1953
Ion Ratio Lower Upper
62 100
98 3.9 0.0 18.8

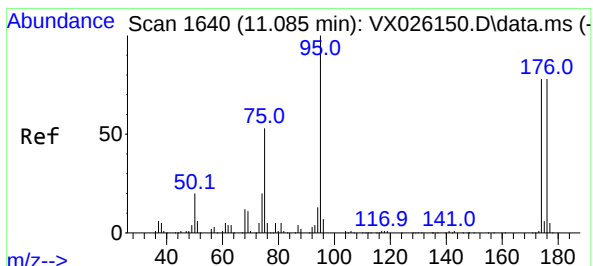
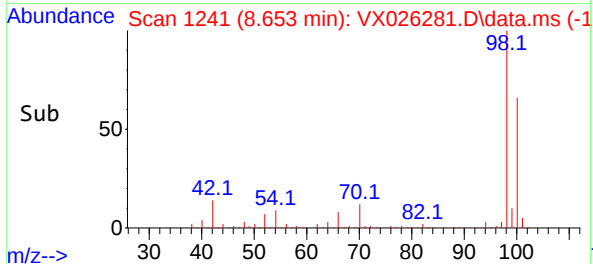
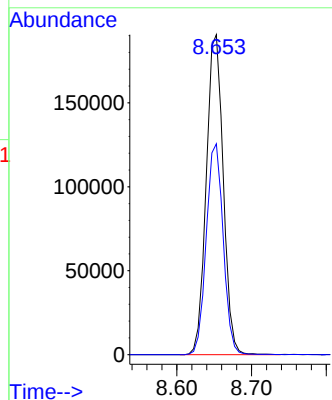
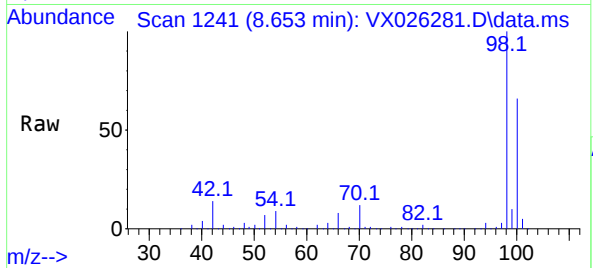




#50
Toluene-d8
Concen: 48.618 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

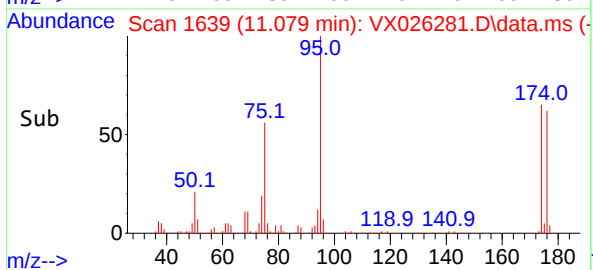
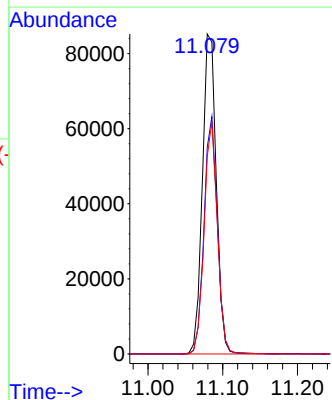
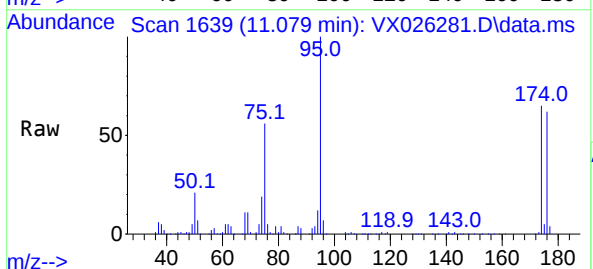
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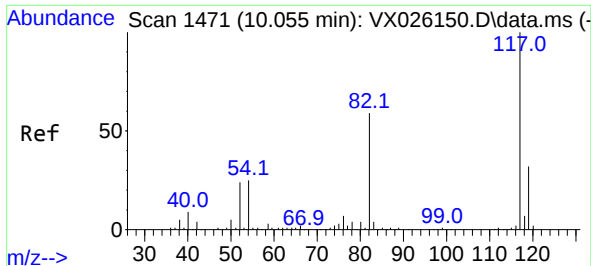
Tgt Ion: 98 Resp: 300544
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion: 95 Resp: 110061
Ion Ratio Lower Upper
95 100
174 71.0 0.0 157.4
176 69.0 0.0 154.6

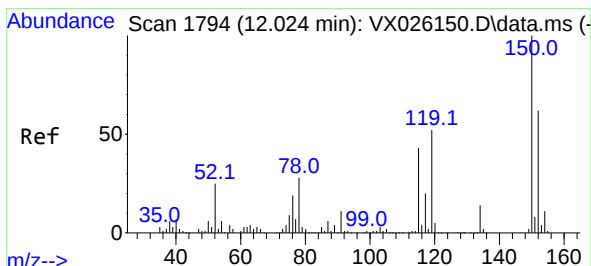
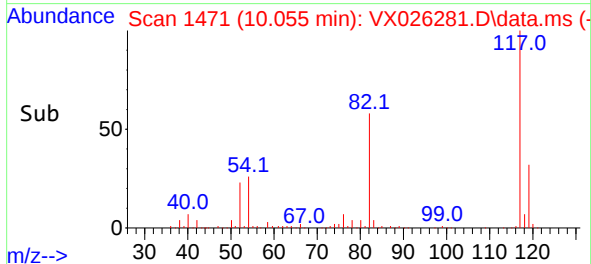
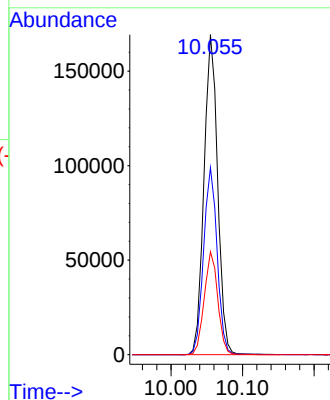
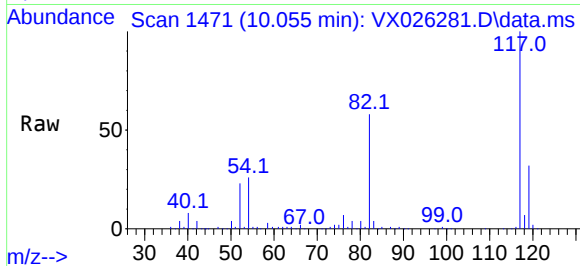




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Instrument :
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MW-7

Tgt Ion:117 Resp: 224751
Ion Ratio Lower Upper
117 100
82 58.5 43.8 65.6
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026281.D
Acq: 04 Jan 2022 18:56

Tgt Ion:152 Resp: 95190
Ion Ratio Lower Upper
152 100
115 62.3 41.3 123.9
150 156.2 0.0 351.8

