

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029781.D
 Acq On : 24 Jun 2022 17:30
 Operator : JC/MD
 Sample : N3202-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

Quant Time: Jun 25 02:04:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

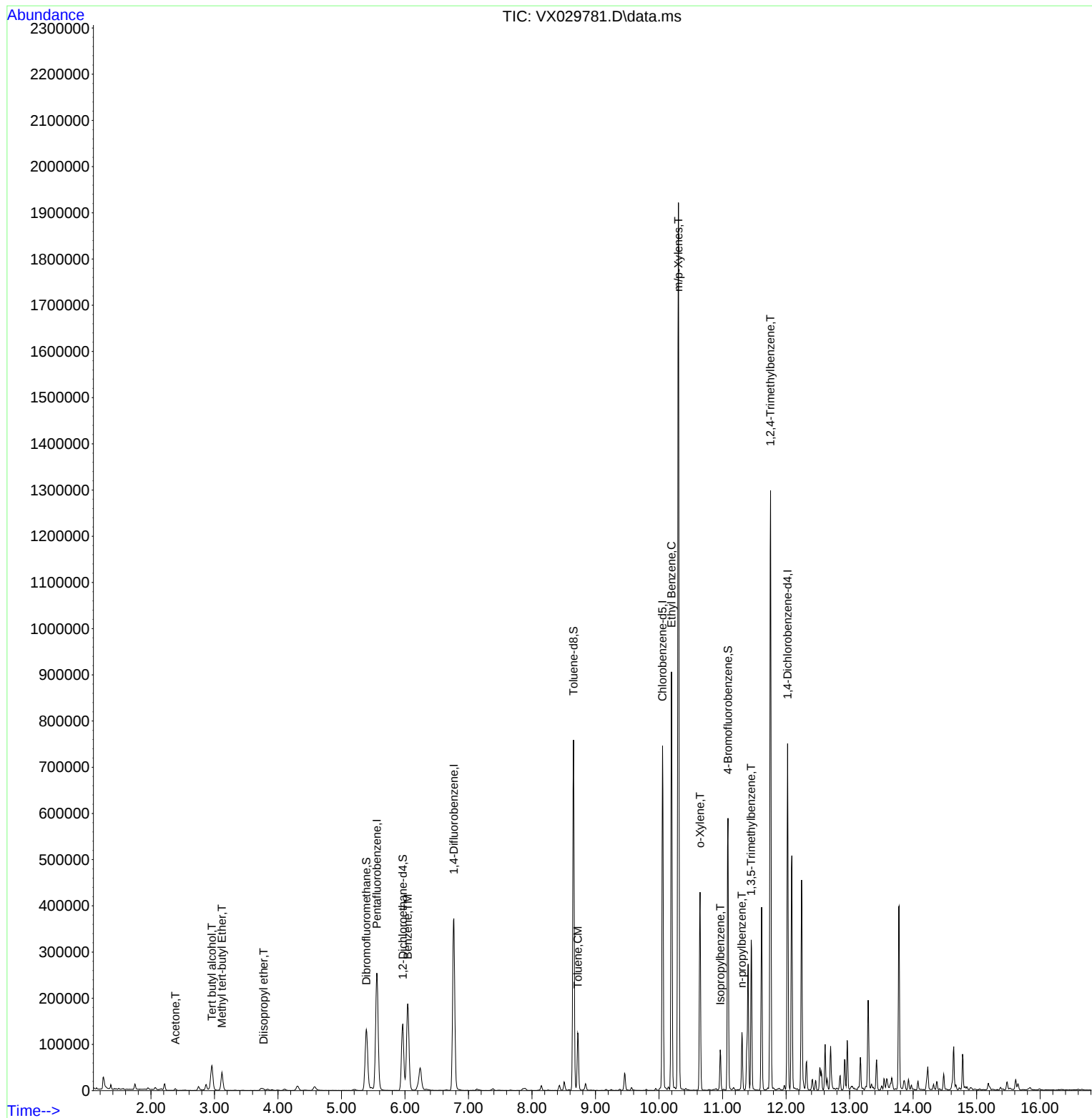
Internal Standards						
1) Pentafluorobenzene	5.556	168	243139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	403924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137319	42.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.340%
35) Dibromofluoromethane	5.391	113	120454	45.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.520%
50) Toluene-d8	8.652	98	457284	47.553	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.100%
62) 4-Bromofluorobenzene	11.085	95	163040	44.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.958	59	59335	78.240	ug/l #	93
16) Acetone	2.385	43	3851	3.002	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	42212	4.936	ug/l	98
22) Diisopropyl ether	3.775	45	3585	0.456	ug/l #	84
40) Benzene	6.043	78	239580	22.686	ug/l	99
52) Toluene	8.720	92	49719	7.352	ug/l	97
67) Ethyl Benzene	10.195	91	517849	42.529	ug/l	99
68) m/p-Xylenes	10.305	106	460760	97.032	ug/l	100
69) o-Xylene	10.646	106	94828	20.213	ug/l	96
73) Isopropylbenzene	10.963	105	45520	3.975	ug/l	99
78) n-propylbenzene	11.304	91	77572	6.014	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	145230	15.057	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	587612	61.084	ug/l	100

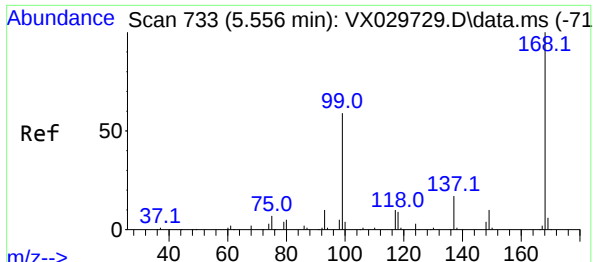
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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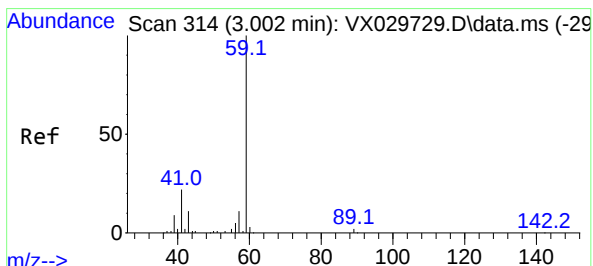
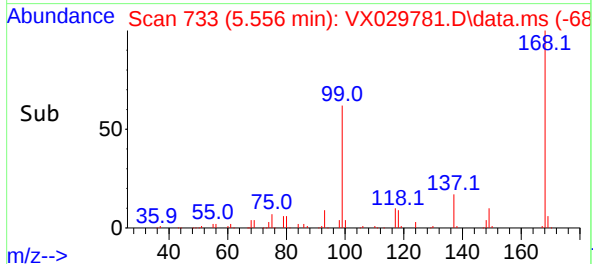
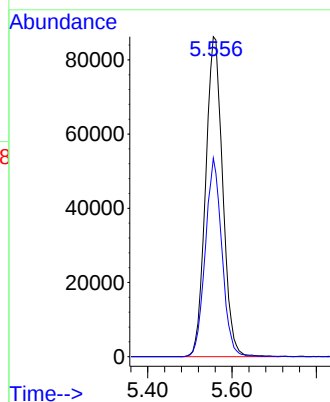
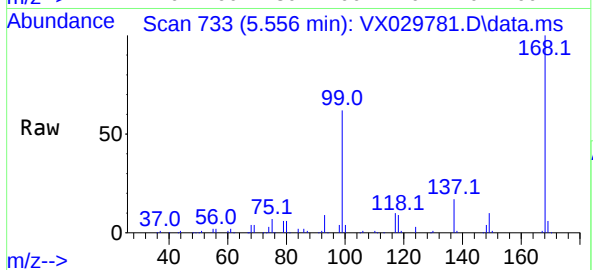




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

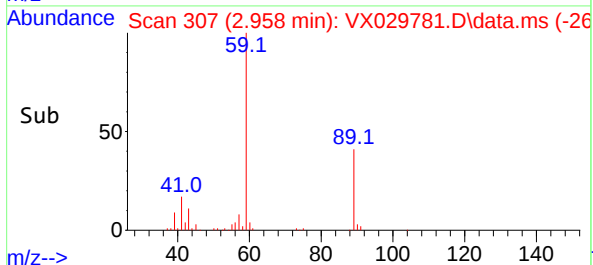
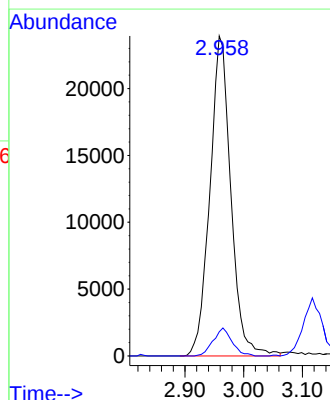
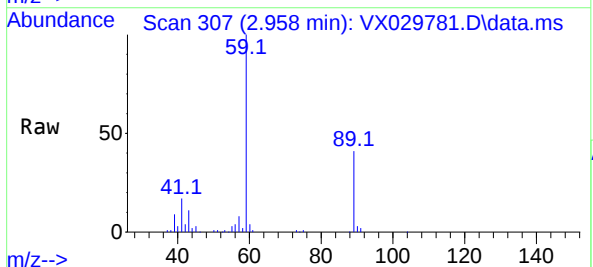
Instrument :
MSVOA_X
ClientSampleId :
MW-15

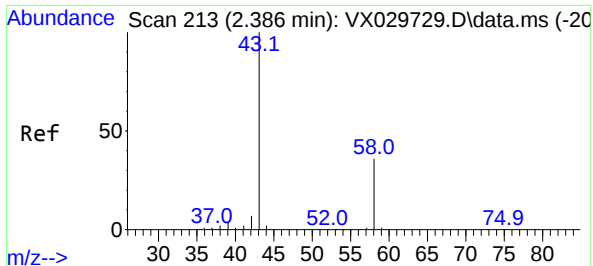
Tgt Ion:168 Resp: 243139
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5



#11
Tert butyl alcohol
Concen: 78.240 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

Tgt Ion: 59 Resp: 59335
Ion Ratio Lower Upper
59 100
57 7.9 8.3 12.5#

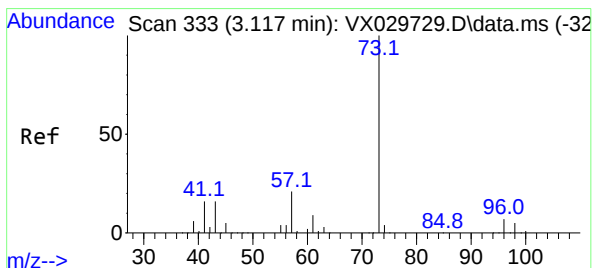
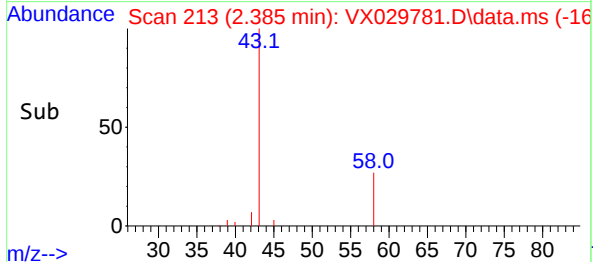
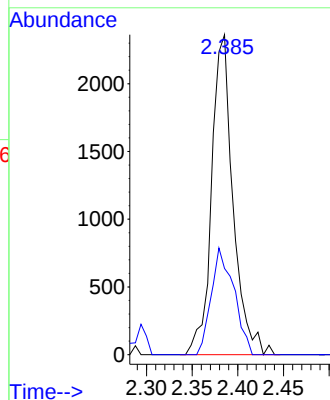
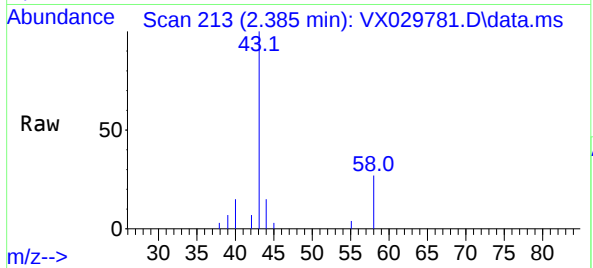




#16
Acetone
Concen: 3.002 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

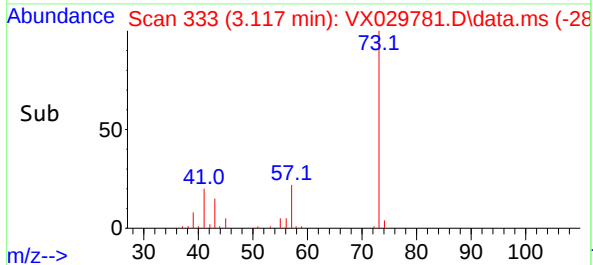
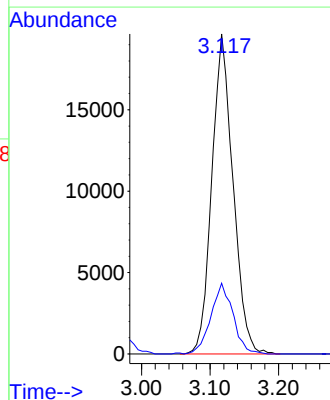
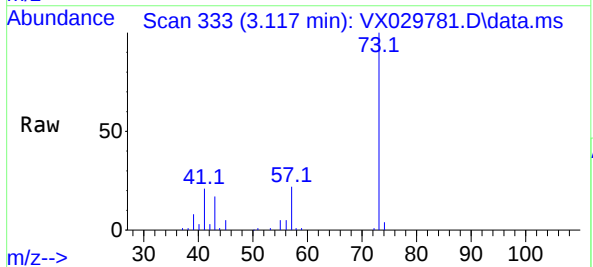
Instrument :
MSVOA_X
ClientSampleId :
MW-15

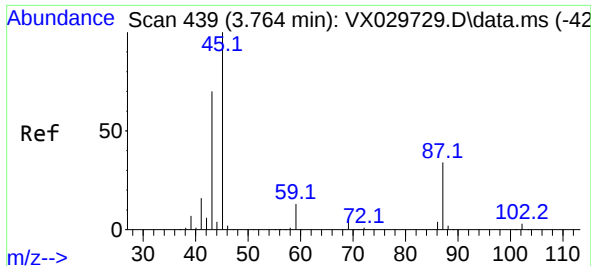
Tgt Ion: 43 Resp: 3851
Ion Ratio Lower Upper
43 100
58 27.0 28.8 43.2#



#19
Methyl tert-butyl Ether
Concen: 4.936 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

Tgt Ion: 73 Resp: 42212
Ion Ratio Lower Upper
73 100
57 22.1 16.8 25.2



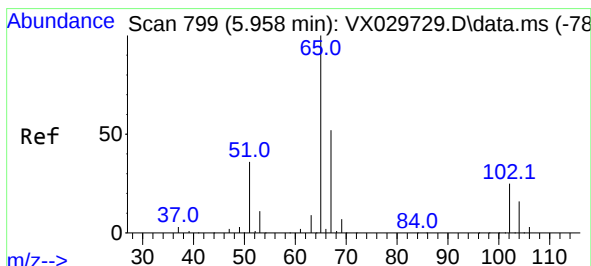
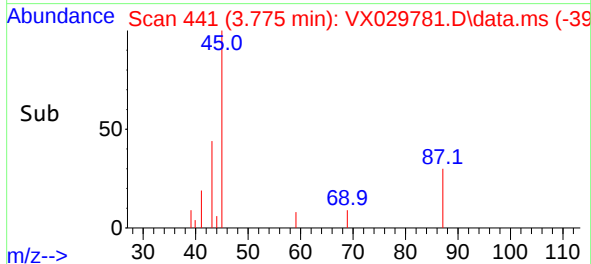
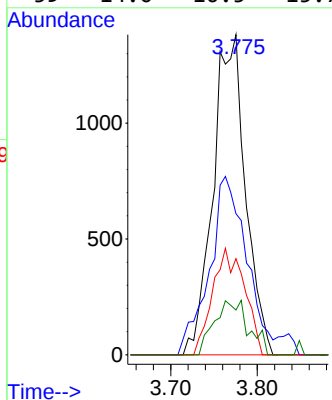
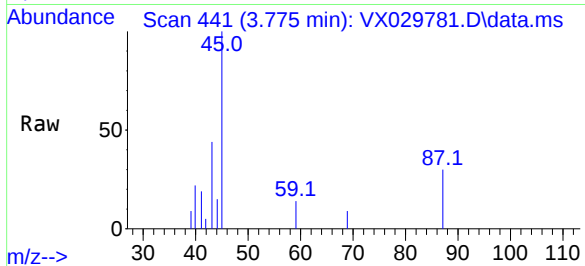


#22
Diisopropyl ether
Concen: 0.456 ug/l
RT: 3.775 min Scan# 441
Delta R.T. 0.012 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion: 45 Resp: 3585

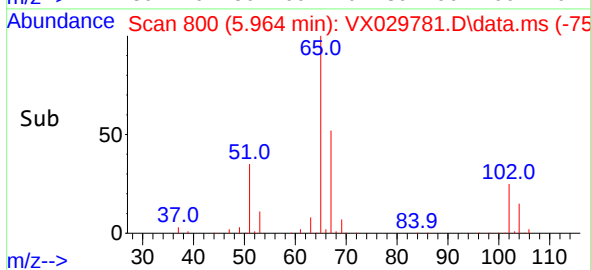
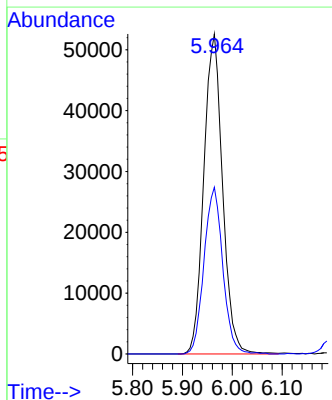
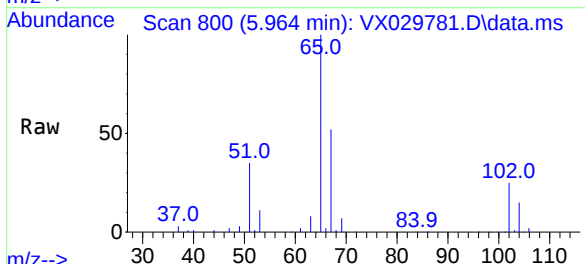
Ion	Ratio	Lower	Upper
45	100		
43	44.1	50.8	76.2#
87	30.0	26.6	39.8
59	14.0	10.5	15.7

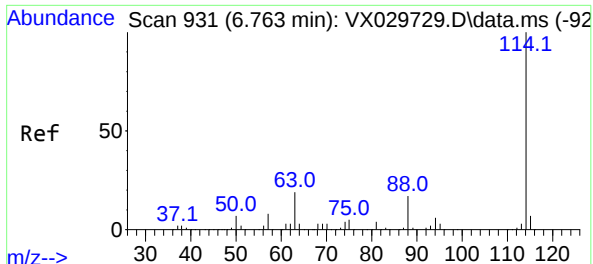


#33
1,2-Dichloroethane-d4
Concen: 42.666 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

Tgt Ion: 65 Resp: 137319

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.4

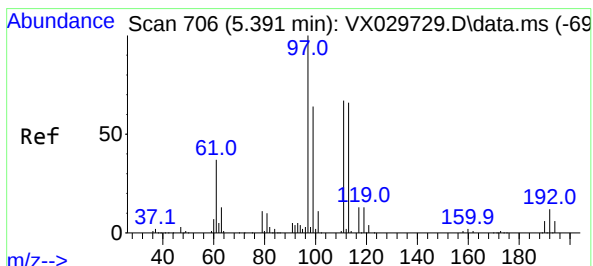
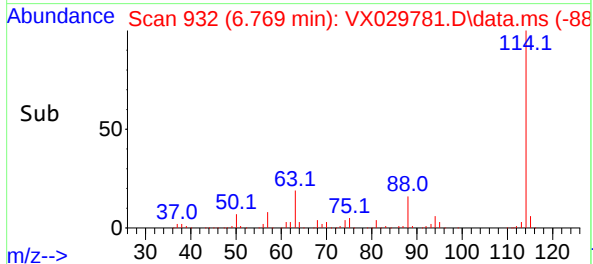
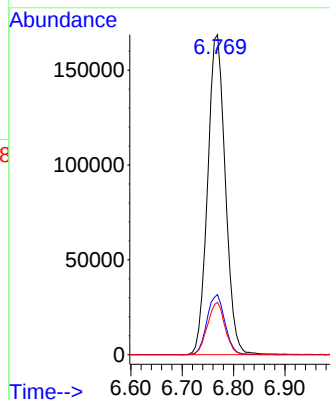
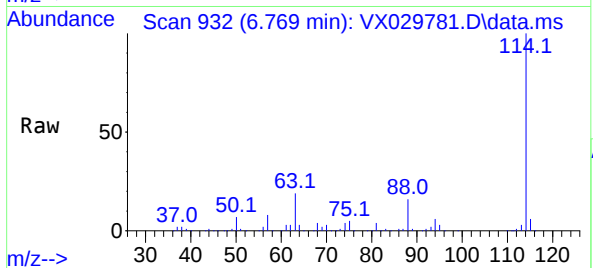




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

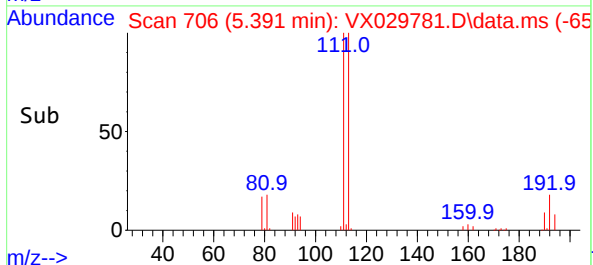
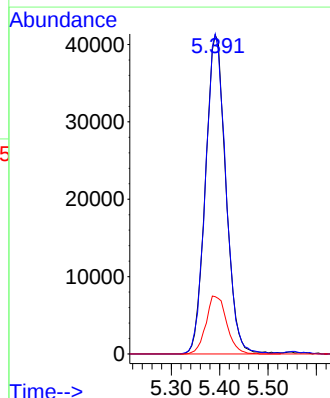
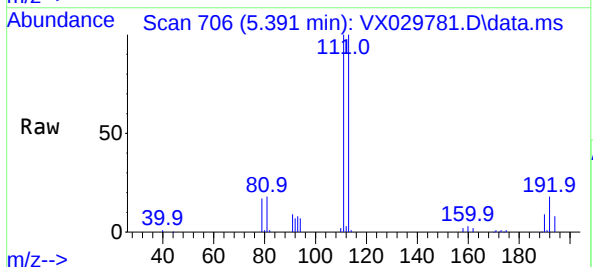
Instrument :
MSVOA_X
ClientSampleId :
MW-15

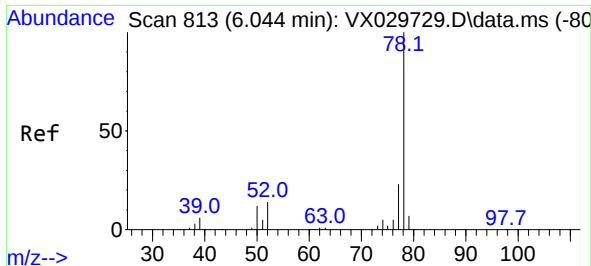
Tgt Ion:114 Resp: 403924
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.760 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

Tgt Ion:113 Resp: 120454
Ion Ratio Lower Upper
113 100
111 99.9 82.8 124.2
192 18.5 16.9 25.3

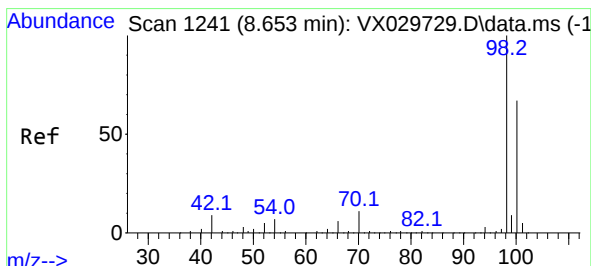
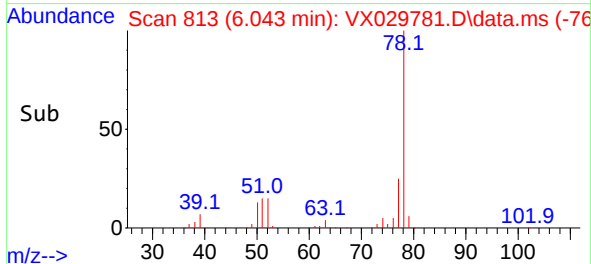
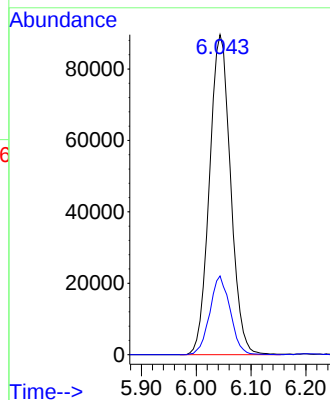
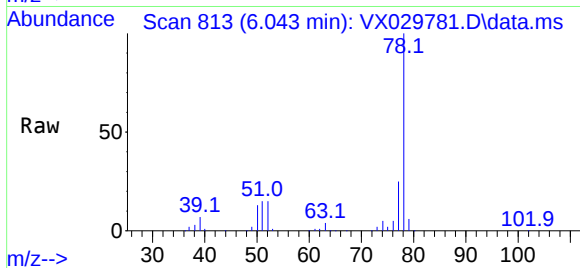




#40
Benzene
Concen: 22.686 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

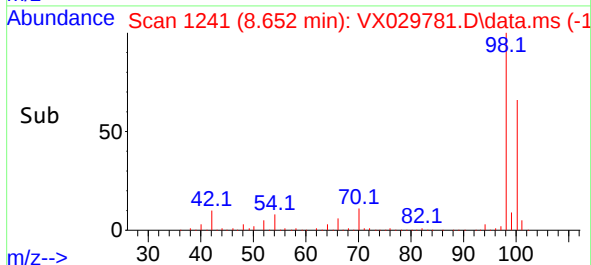
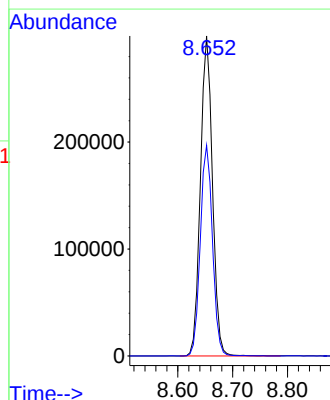
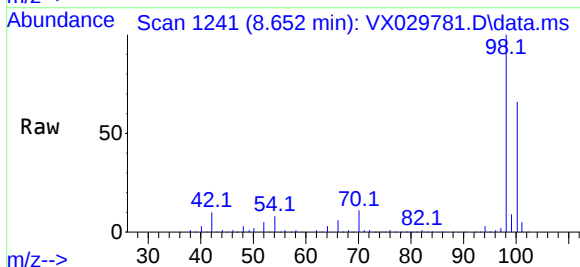
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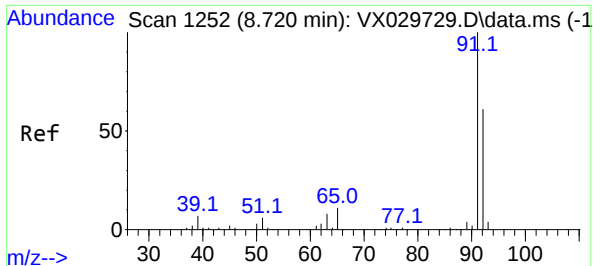
Tgt Ion: 78 Resp: 239580
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9



#50
Toluene-d8
Concen: 47.553 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

Tgt Ion: 98 Resp: 457284
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

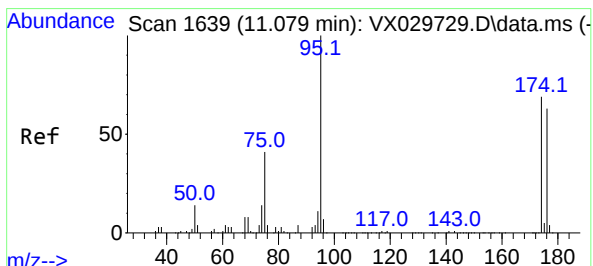
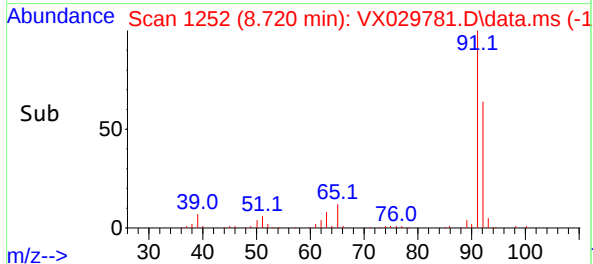
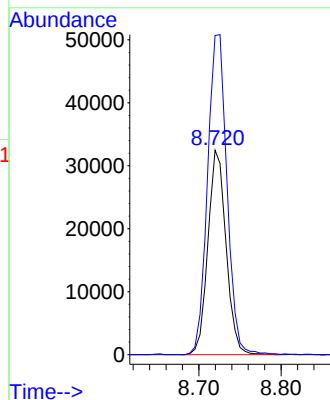
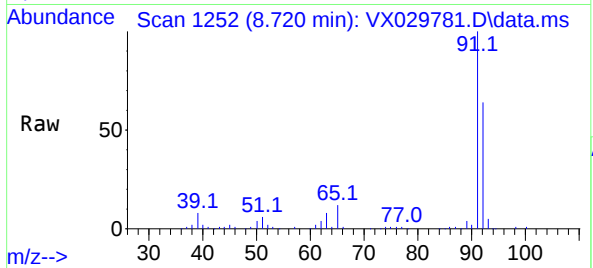




#52
Toluene
Concen: 7.352 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

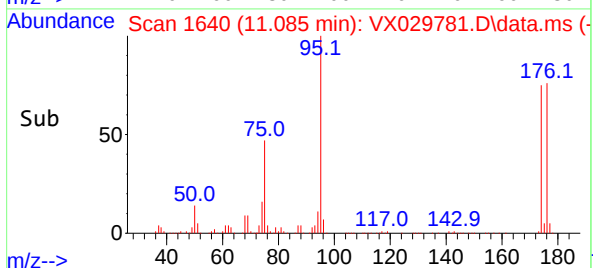
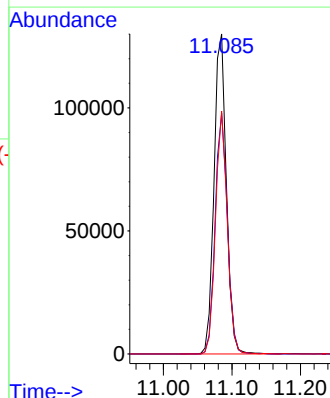
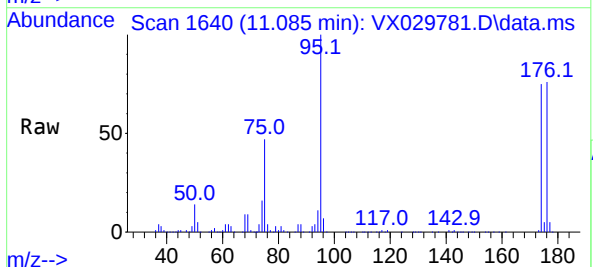
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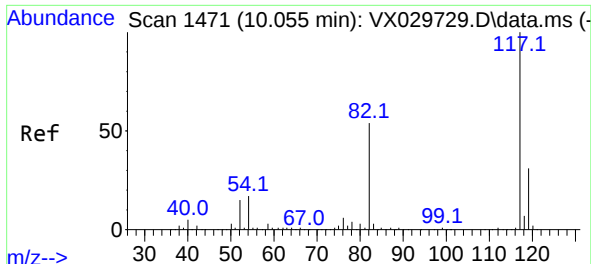
Tgt Ion: 92 Resp: 49719
Ion Ratio Lower Upper
92 100
91 168.1 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 44.959 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

Tgt Ion: 95 Resp: 163040
Ion Ratio Lower Upper
95 100
174 74.7 0.0 163.0
176 72.3 0.0 155.0

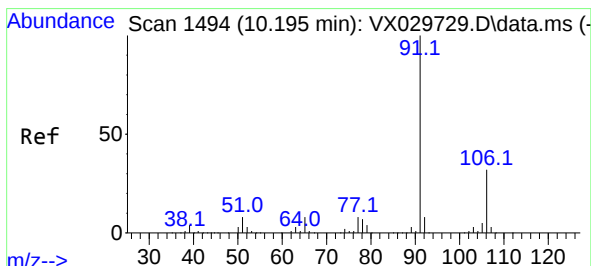
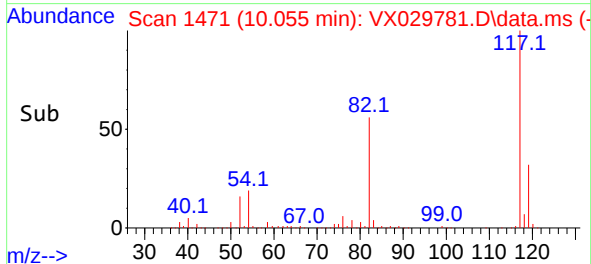
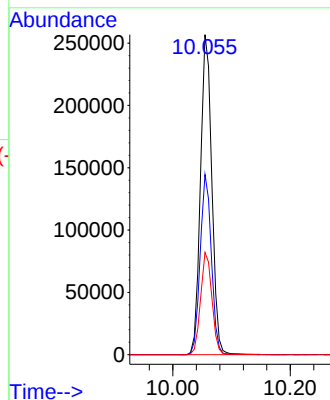
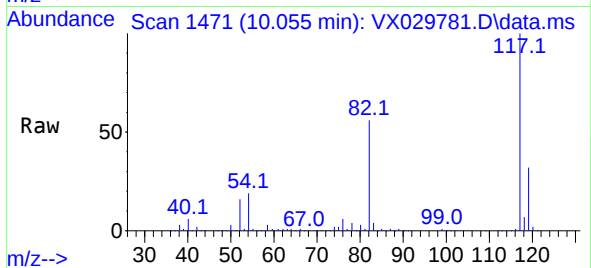




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

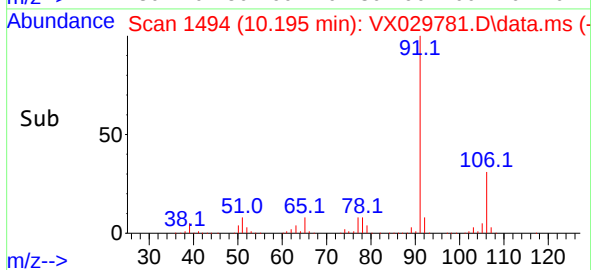
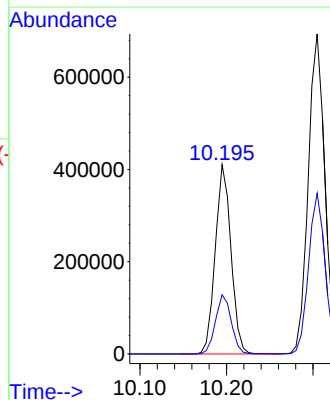
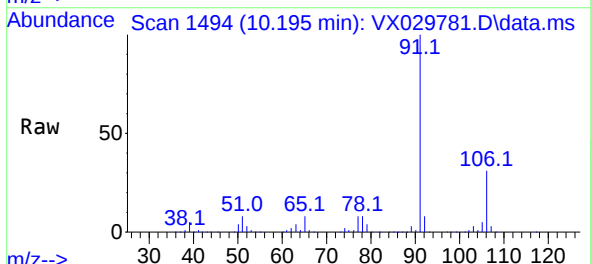
Instrument :
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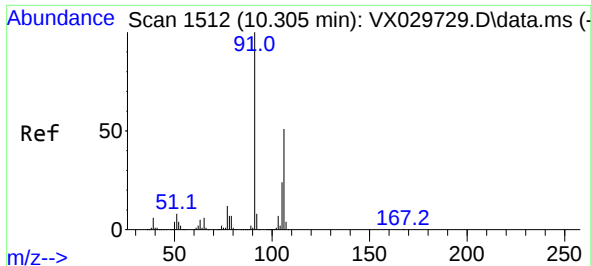
Tgt Ion:117 Resp: 344961
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.0 24.8 37.2



#67
Ethyl Benzene
Concen: 42.529 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

Tgt Ion: 91 Resp: 517849
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

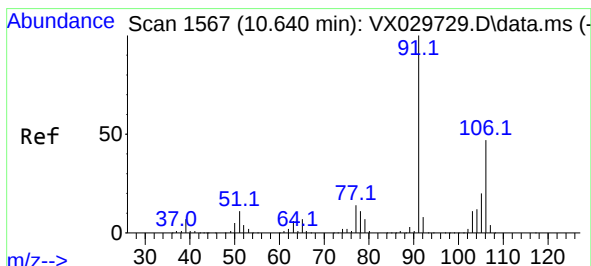
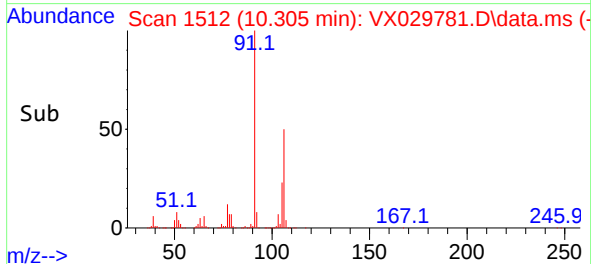
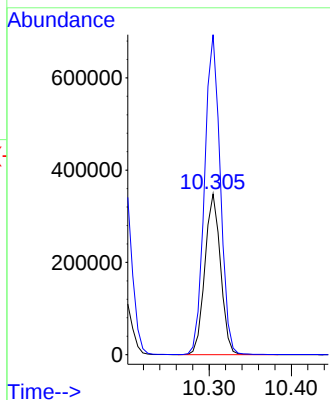
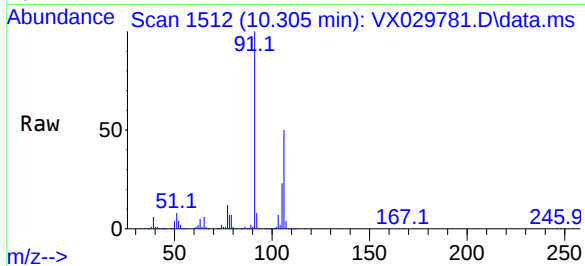




#68
m/p-Xylenes
Concen: 97.032 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

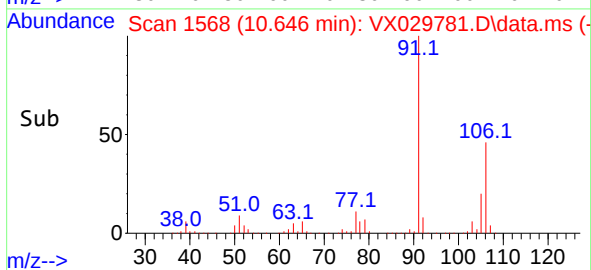
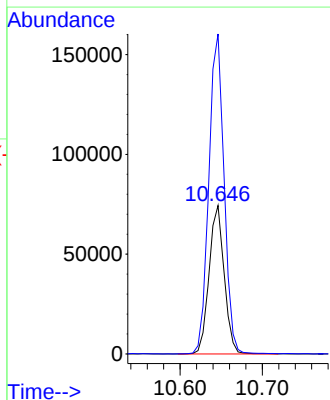
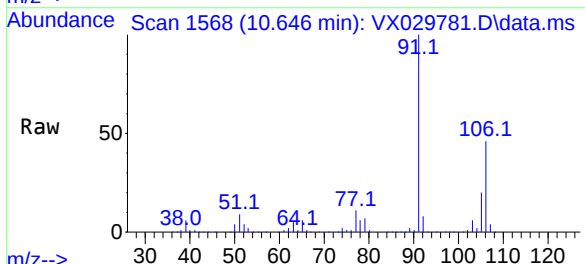
Instrument :
MSVOA_X
ClientSampleId :
MW-15

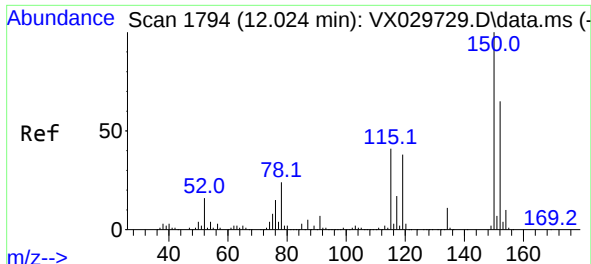
Tgt Ion:106 Resp: 460760
Ion Ratio Lower Upper
106 100
91 199.8 160.4 240.6



#69
o-Xylene
Concen: 20.213 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

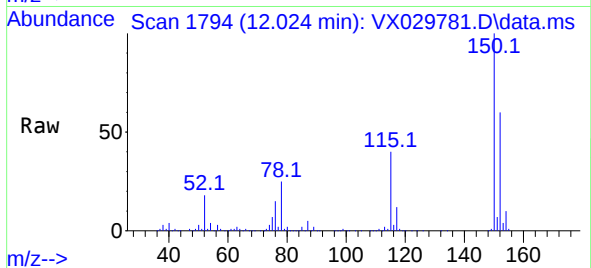
Tgt Ion:106 Resp: 94828
Ion Ratio Lower Upper
106 100
91 217.9 106.1 318.1



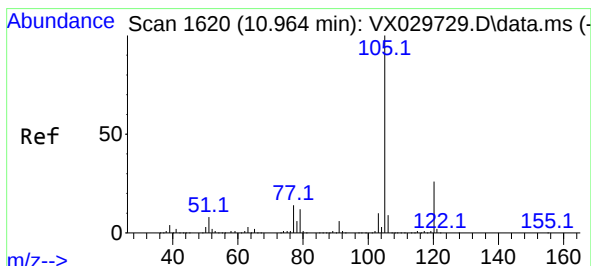
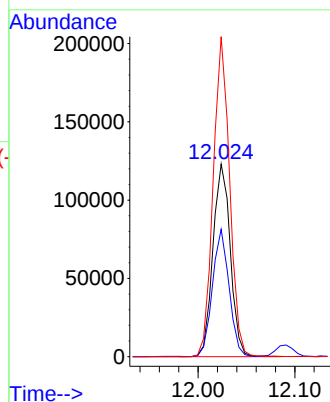
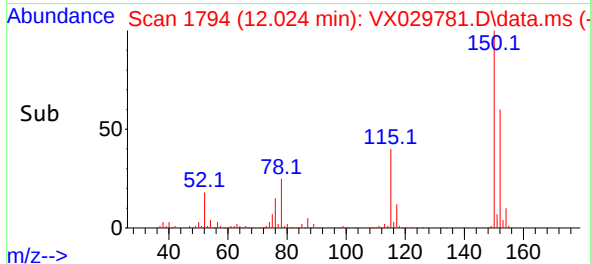


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

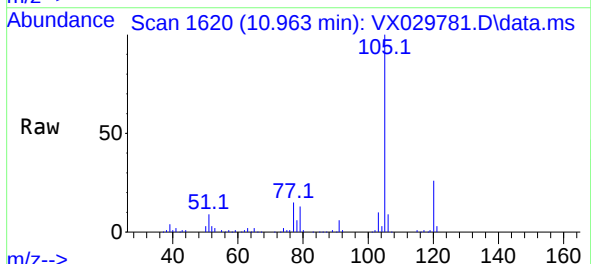
Instrument :
MSVOA_X
ClientSampleId :
MW-15



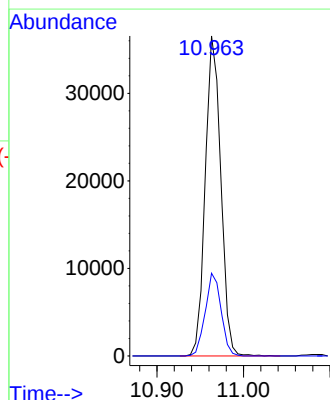
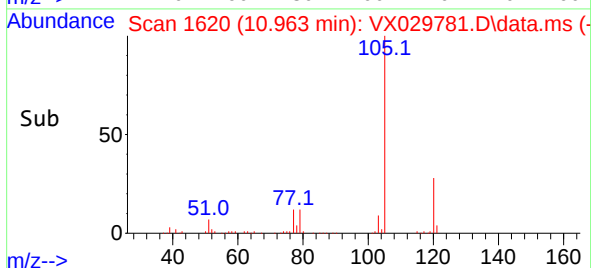
Tgt Ion:152 Resp: 152749
Ion Ratio Lower Upper
152 100
115 63.2 37.5 112.7
150 157.6 0.0 338.2

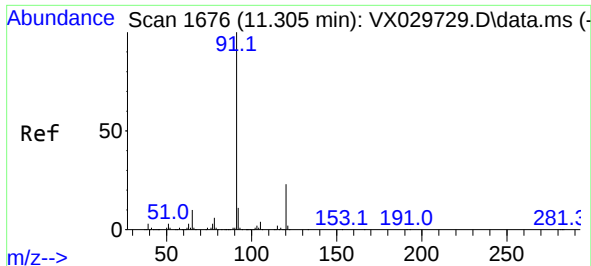


#73
Isopropylbenzene
Concen: 3.975 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30



Tgt Ion:105 Resp: 45520
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5

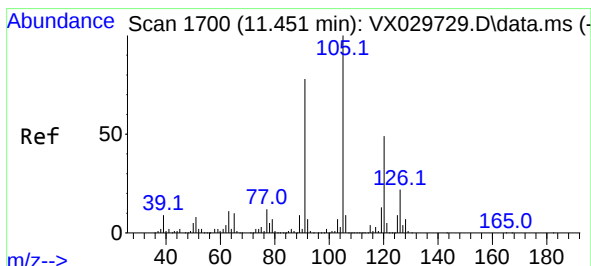
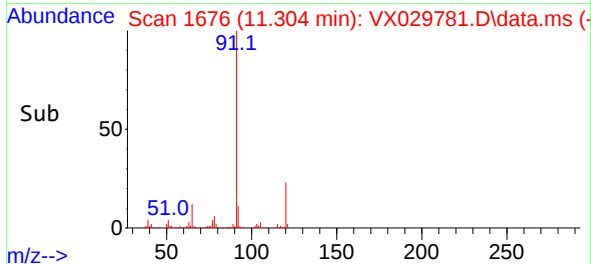
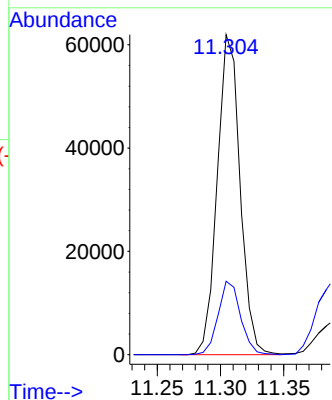
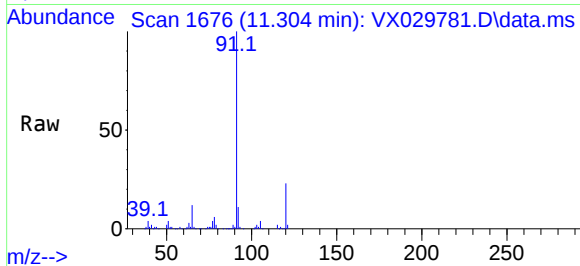




#78
n-propylbenzene
Concen: 6.014 ug/l
RT: 11.304 min Scan# 1
Delta R.T. -0.001 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

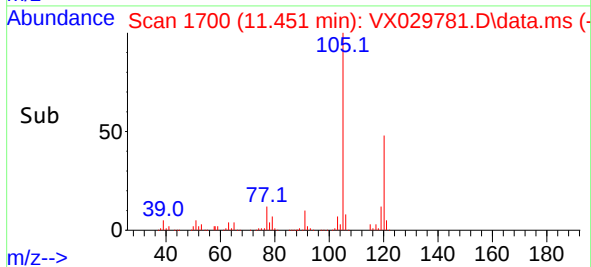
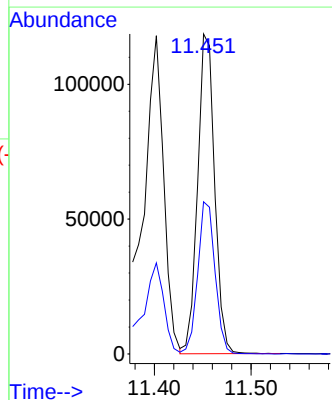
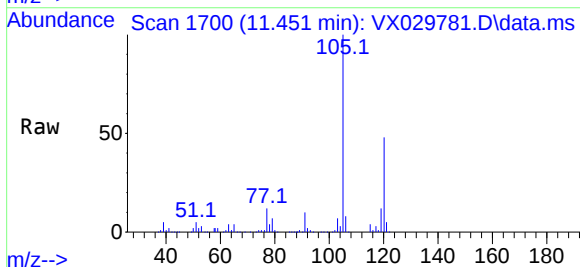
Instrument :
MSVOA_X
ClientSampleId :
MW-15

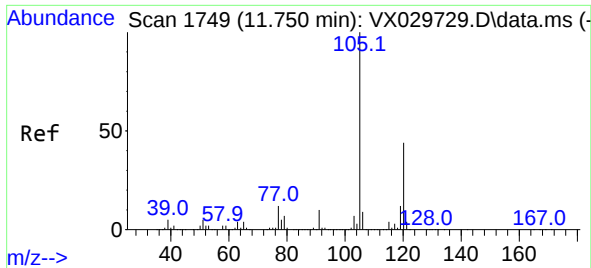
Tgt Ion: 91 Resp: 77572
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 15.057 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029781.D
Acq: 24 Jun 2022 17:30

Tgt Ion:105 Resp: 145230
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





#84
 1,2,4-Trimethylbenzene
 Concen: 61.084 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029781.D
 Acq: 24 Jun 2022 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

Tgt Ion:105 Resp: 587612
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.8

