

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025454.D
 Acq On : 03 Dec 2021 02:06
 Operator : JC/MD
 Sample : M4917-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

Quant Time: Dec 03 06:14:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

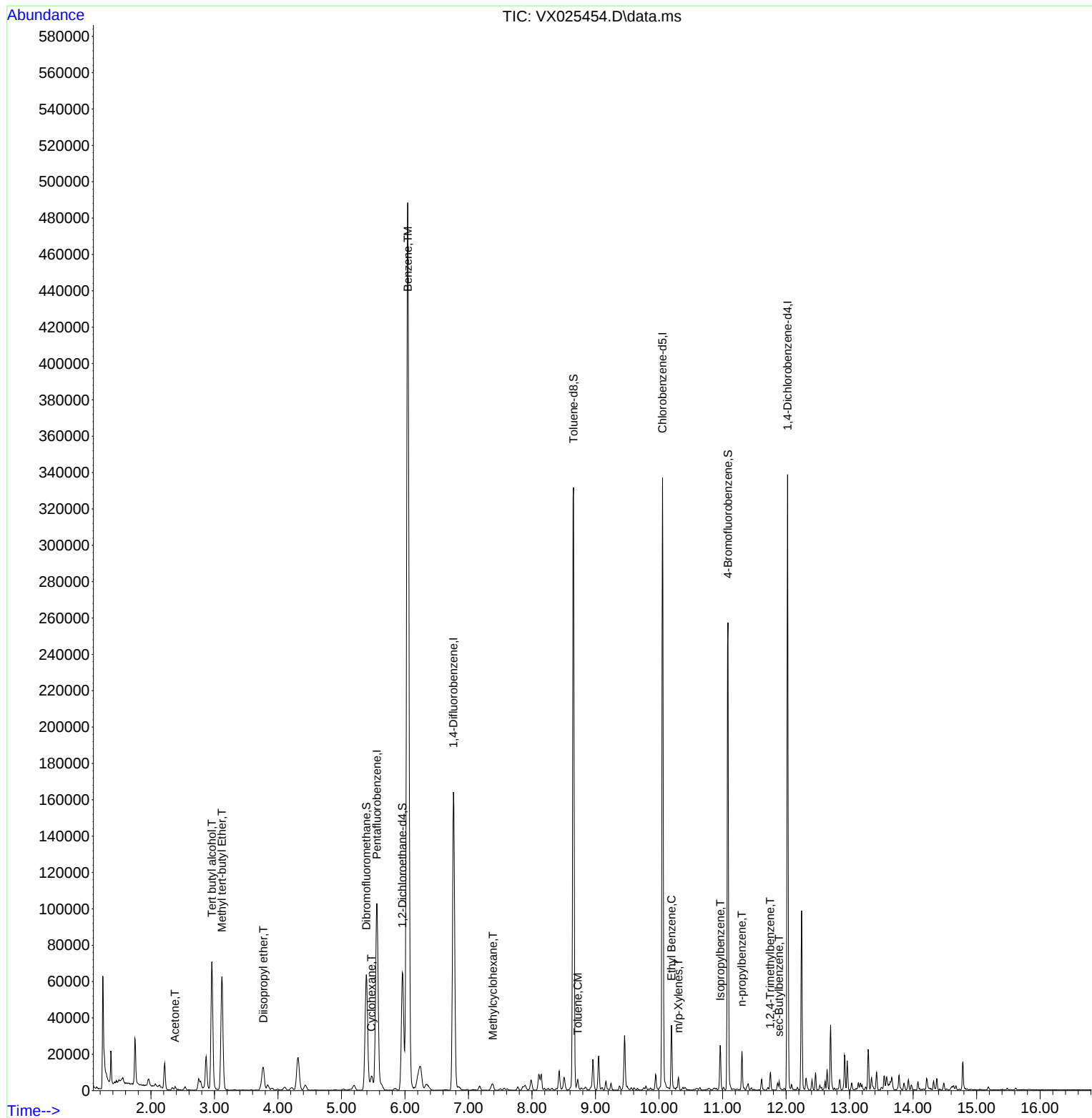
Internal Standards						
1) Pentafluorobenzene	5.556	168	104694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61338	55.58	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.16%
35) Dibromofluoromethane	5.391	113	54758	50.45	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.90%
50) Toluene-d8	8.653	98	204708	50.16	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.32%
62) 4-Bromofluorobenzene	11.085	95	69610	45.09	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.18%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	83876	309.39	ug/l	99
16) Acetone	2.380	43	2107	3.44	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	70866	20.96	ug/l	98
22) Diisopropyl ether	3.770	45	13695	4.09	ug/l #	83
31) Cyclohexane	5.471	56	5265	3.09	ug/l	91
39) Methylcyclohexane	7.385	83	1455	0.74	ug/l	93
40) Benzene	6.044	78	605574	129.53	ug/l	98
52) Toluene	8.720	92	1556m	0.51	ug/l	
67) Ethyl Benzene	10.195	91	19815	3.60	ug/l	94
68) m/p-Xylenes	10.305	106	1643	0.73	ug/l	95
73) Isopropylbenzene	10.964	105	12653	2.59	ug/l	96
78) n-propylbenzene	11.305	91	12296	2.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	4431	1.09	ug/l	91
85) sec-Butylbenzene	11.890	105	2234	0.44	ug/l #	56

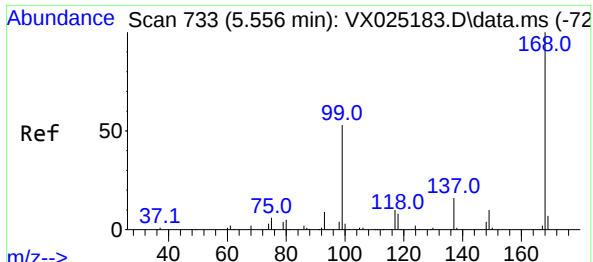
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025454.D
Acq On : 03 Dec 2021 02:06
Operator : JC/MD
Sample : M4917-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-34

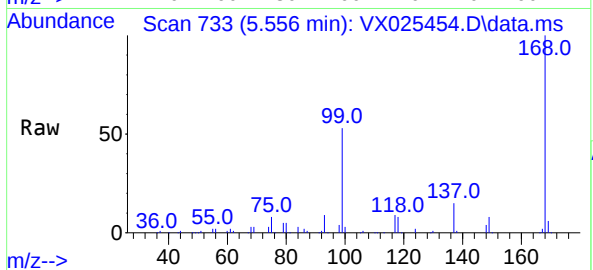
Quant Time: Dec 03 06:14:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



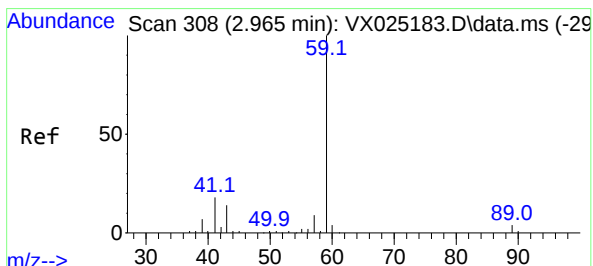
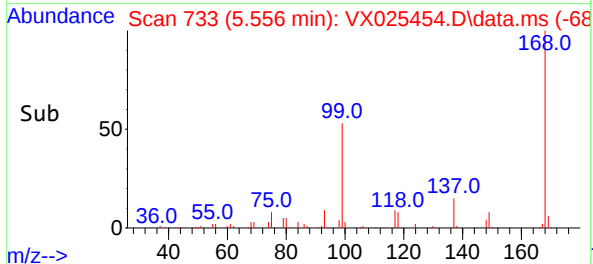
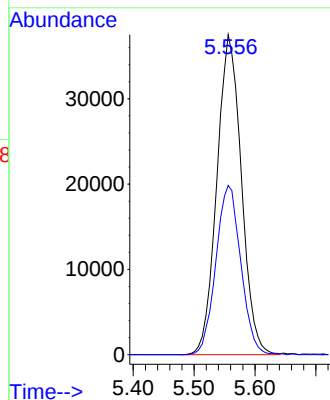


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Instrument :
MSVOA_X
ClientSampleId :
MW-34

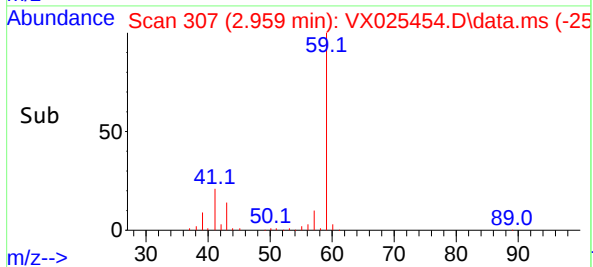
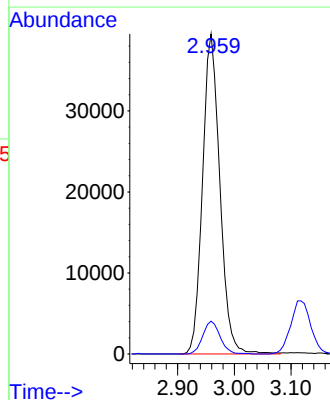
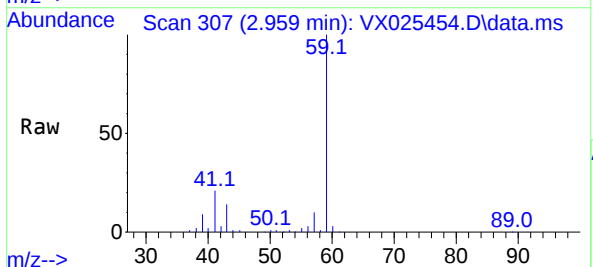


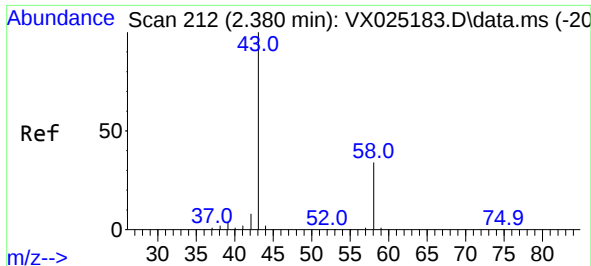
Tgt Ion:168 Resp: 104694
Ion Ratio Lower Upper
168 100
99 52.9 46.4 69.6



#11
Tert butyl alcohol
Concen: 309.39 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Tgt Ion: 59 Resp: 83876
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

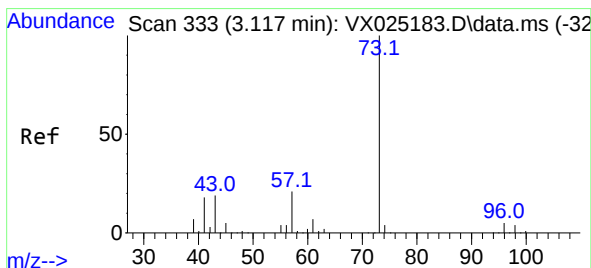
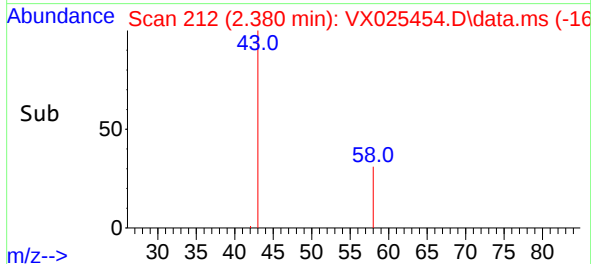
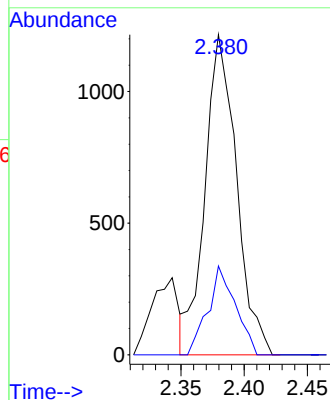
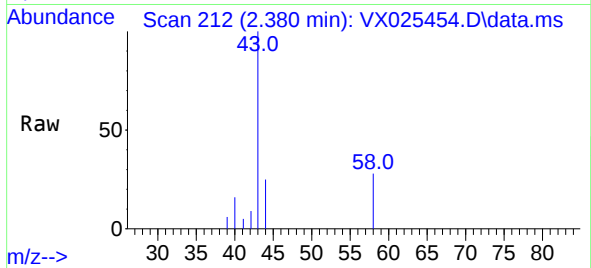




#16
Acetone
Concen: 3.44 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

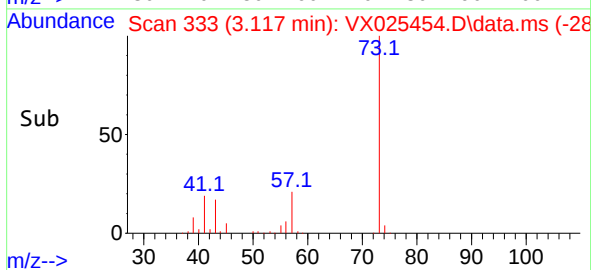
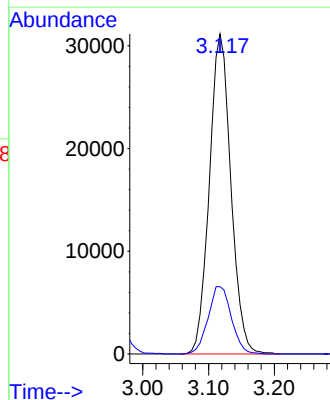
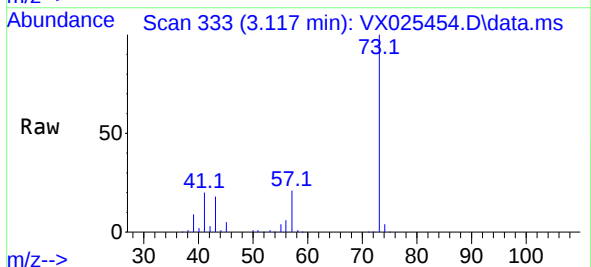
Instrument :
MSVOA_X
ClientSampleId :
MW-34

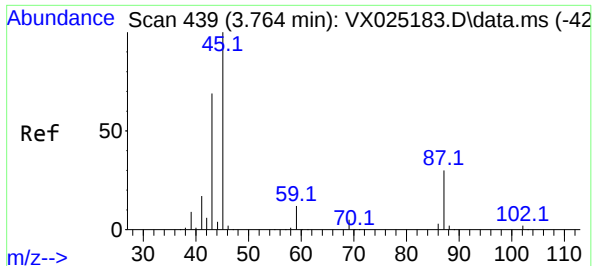
Tgt Ion: 43 Resp: 2107
Ion Ratio Lower Upper
43 100
58 27.7 24.0 36.0



#19
Methyl tert-butyl Ether
Concen: 20.96 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Tgt Ion: 73 Resp: 70866
Ion Ratio Lower Upper
73 100
57 21.1 17.5 26.3



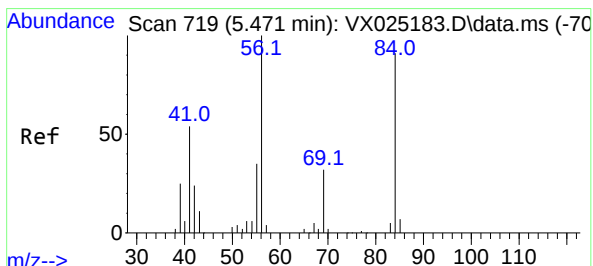
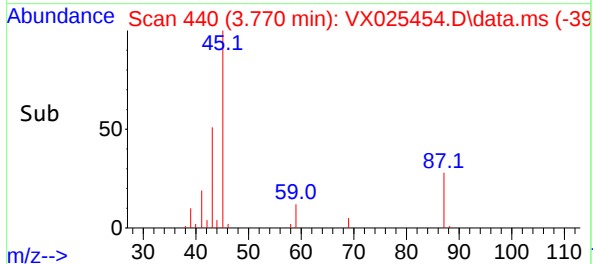
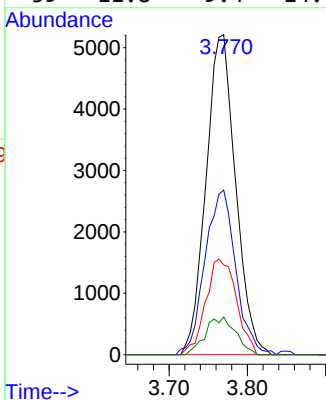
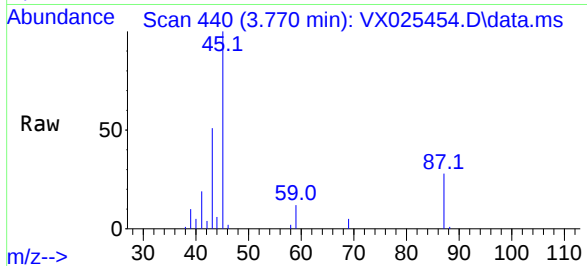


#22
Diisopropyl ether
Concen: 4.09 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Instrument :
MSVOA_X
ClientSampleId :
MW-34

Tgt Ion: 45 Resp: 13695

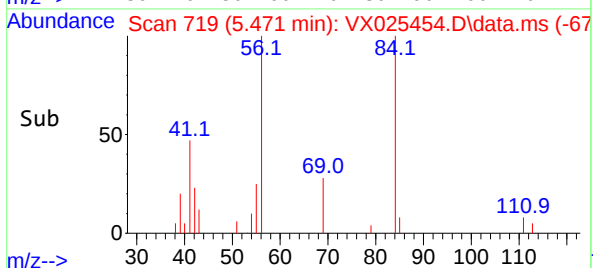
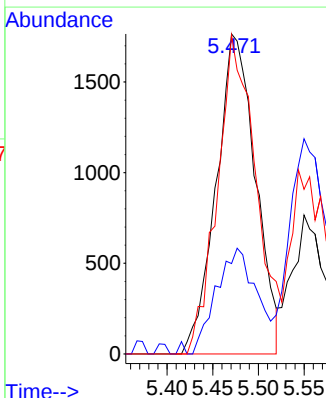
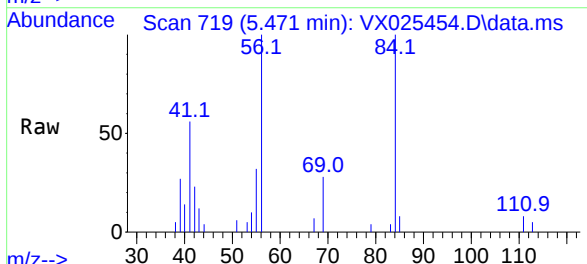
Ion	Ratio	Lower	Upper
45	100		
43	51.4	58.3	87.5#
87	28.1	23.7	35.5
59	11.8	9.4	14.0

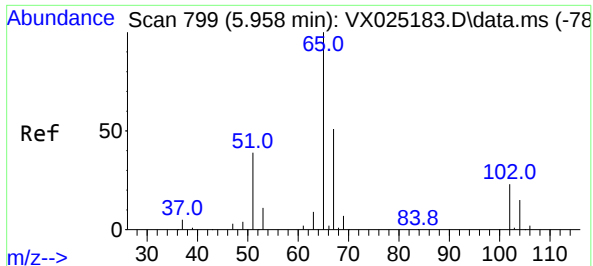


#31
Cyclohexane
Concen: 3.09 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Tgt Ion: 56 Resp: 5265

Ion	Ratio	Lower	Upper
56	100		
69	28.3	24.2	36.2
84	99.6	71.5	107.3





#33

1,2-Dichloroethane-d4

Concen: 55.58 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025454.D

Acq: 03 Dec 2021 02:06

Instrument :

MSVOA_X

ClientSampleId :

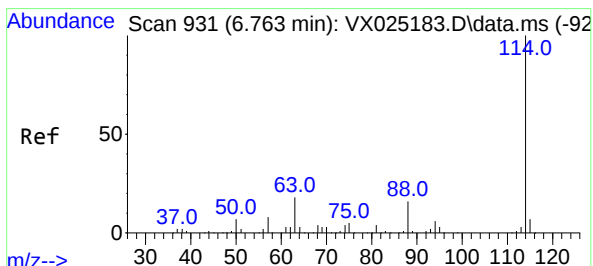
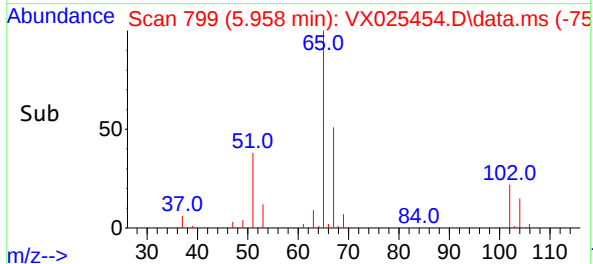
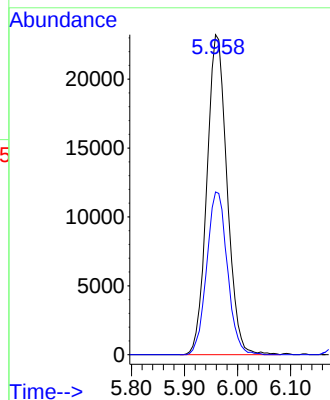
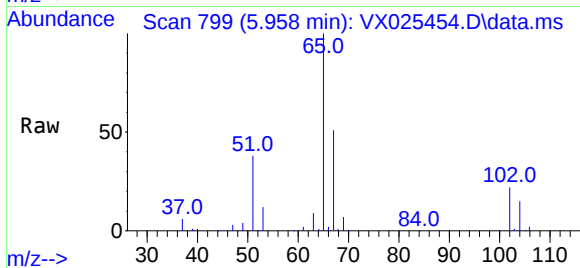
MW-34

Tgt Ion: 65 Resp: 61338

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025454.D

Acq: 03 Dec 2021 02:06

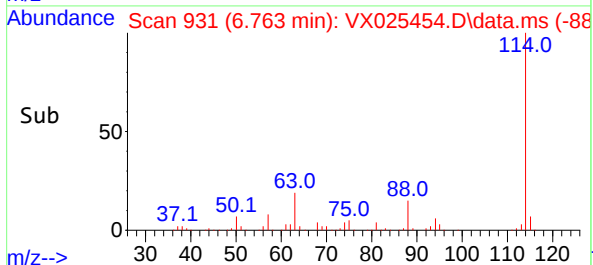
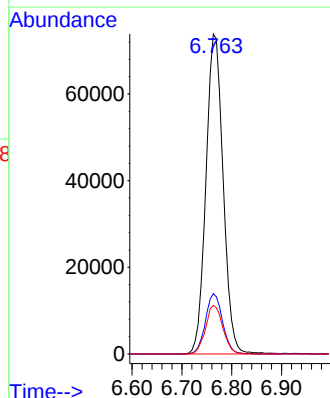
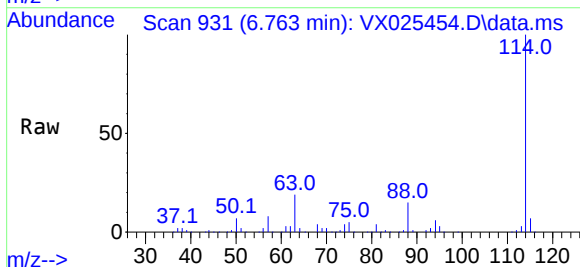
Tgt Ion: 114 Resp: 176890

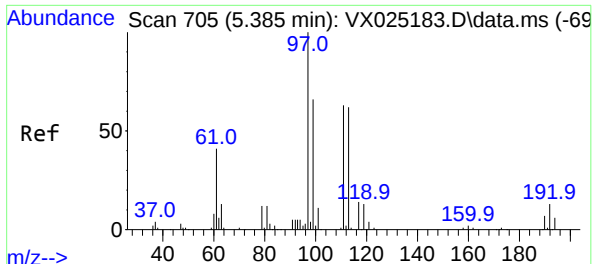
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.0

88 15.1 0.0 34.8

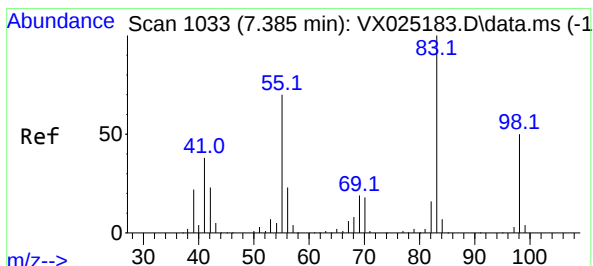
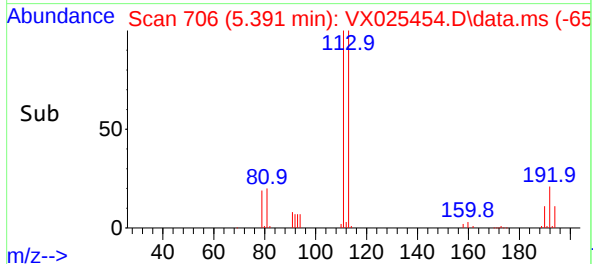
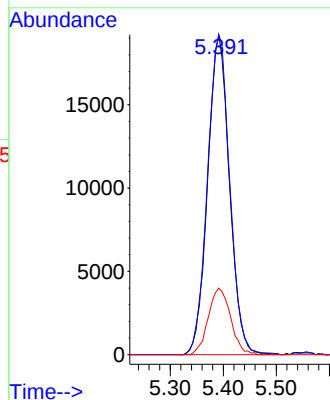
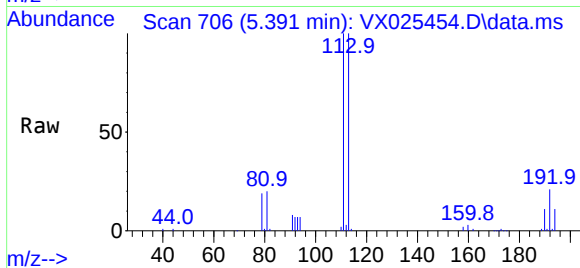




#35
Dibromofluoromethane
Concen: 50.45 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

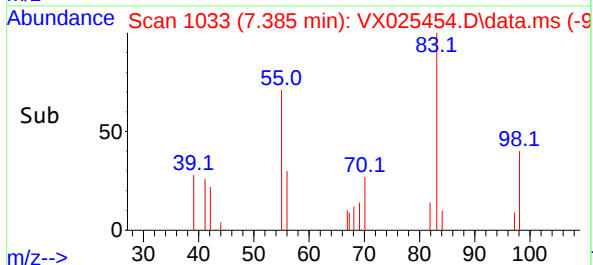
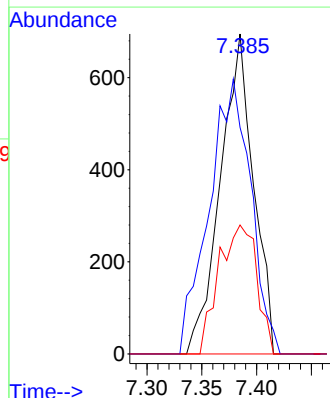
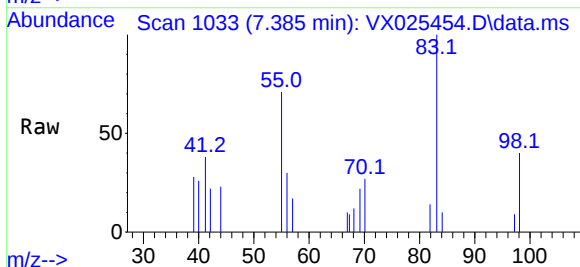
Instrument :
MSVOA_X
ClientSampleId :
MW-34

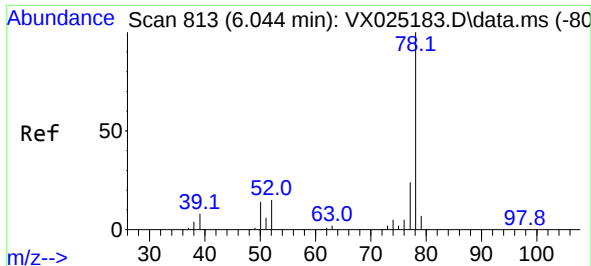
Tgt Ion: 113 Resp: 54758
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 21.3 15.6 23.4



#39
Methylcyclohexane
Concen: 0.74 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Tgt Ion: 83 Resp: 1455
Ion Ratio Lower Upper
83 100
55 70.8 60.8 91.2
98 40.3 37.0 55.4

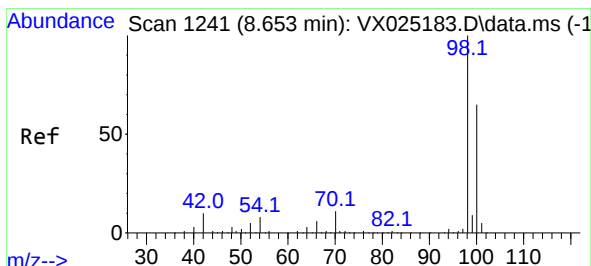
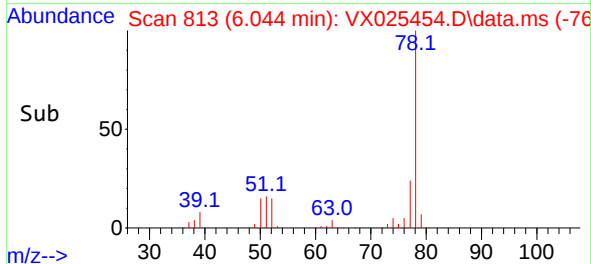
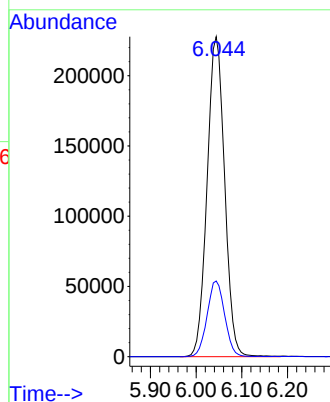
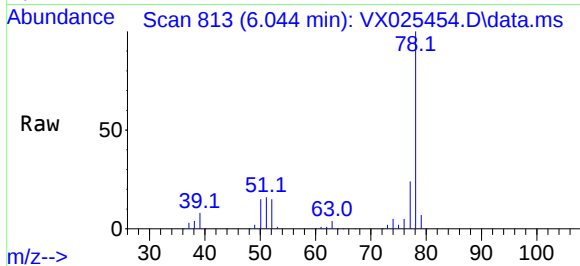




#40
Benzene
Concen: 129.53 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

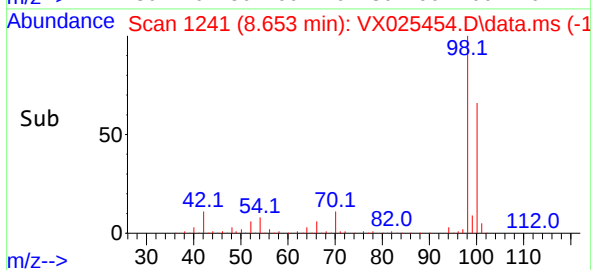
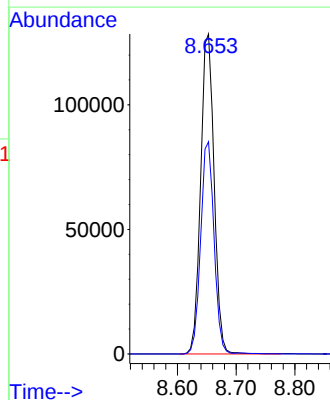
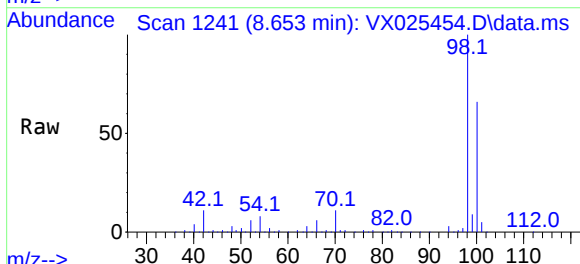
Instrument :
MSVOA_X
ClientSampleId :
MW-34

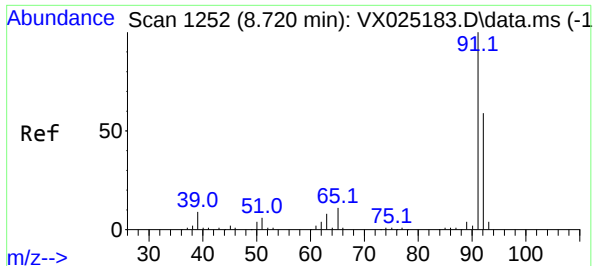
Tgt Ion: 78 Resp: 605574
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5



#50
Toluene-d8
Concen: 50.16 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Tgt Ion: 98 Resp: 204708
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0

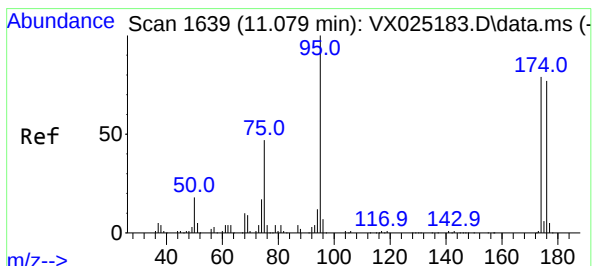
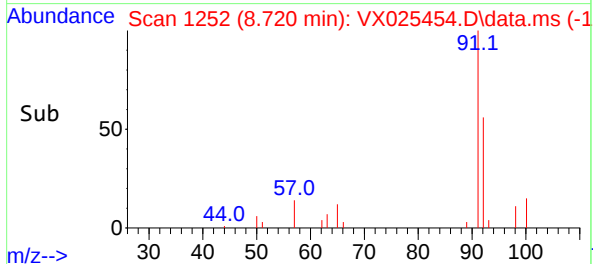
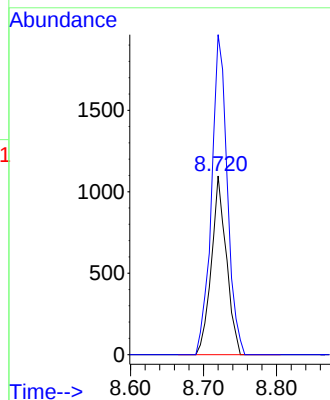
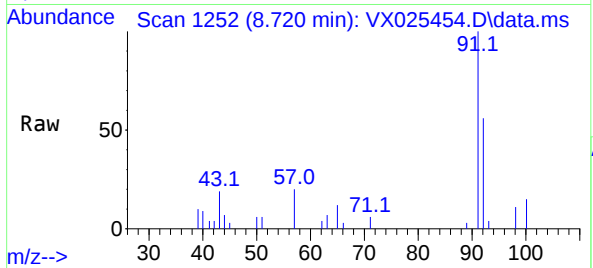




#52
Toluene
Concen: 0.51 ug/l m
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

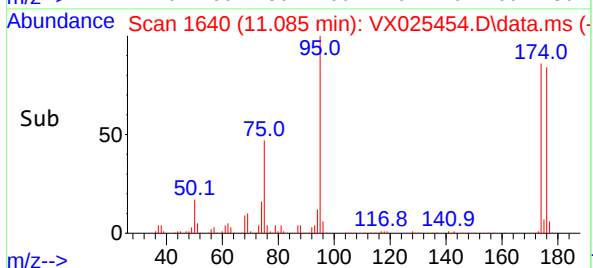
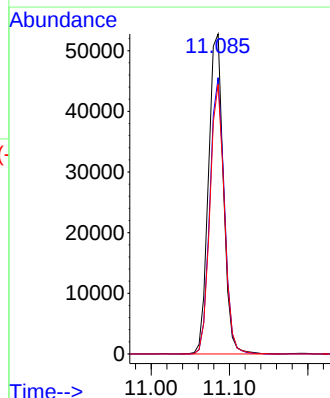
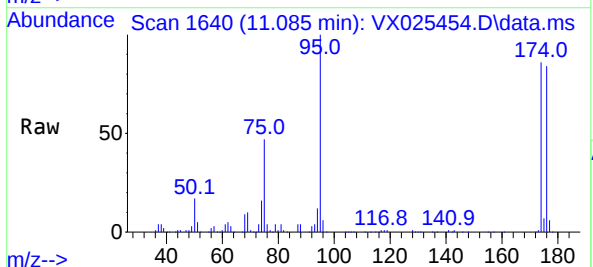
Instrument :
MSVOA_X
ClientSampleId :
MW-34

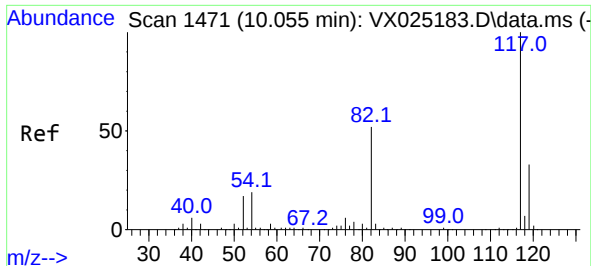
Tgt Ion: 92 Resp: 1556
Ion Ratio Lower Upper
92 100
91 0.0 138.6 208.0#



#62
4-Bromofluorobenzene
Concen: 45.09 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Tgt Ion: 95 Resp: 69610
Ion Ratio Lower Upper
95 100
174 83.8 0.0 158.0
176 81.4 0.0 153.6

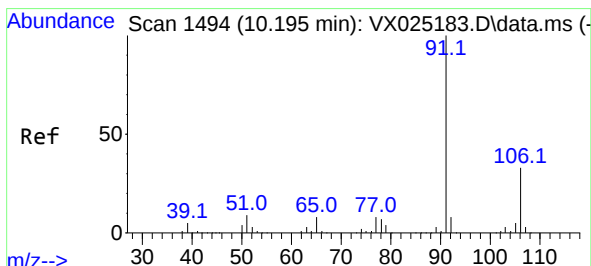
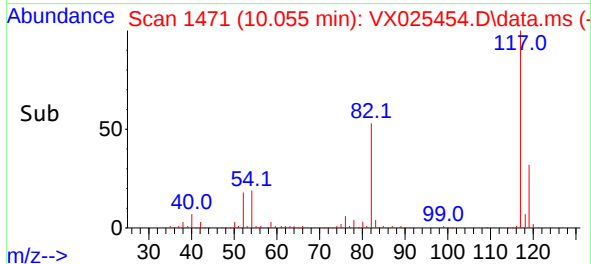
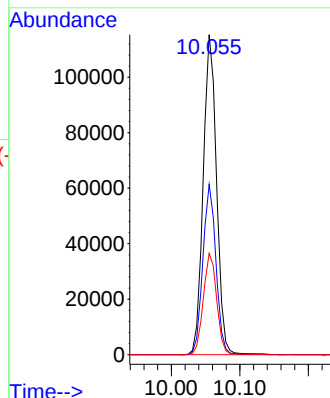
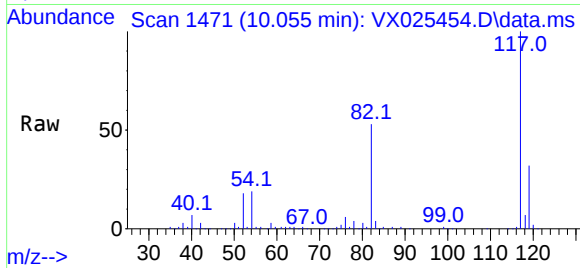




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

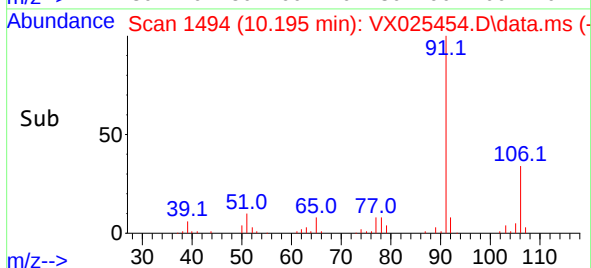
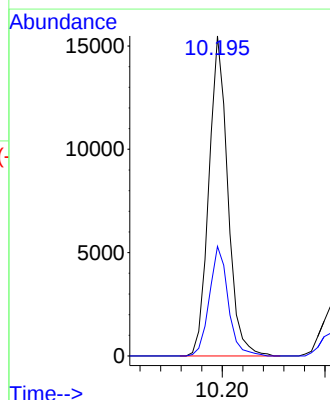
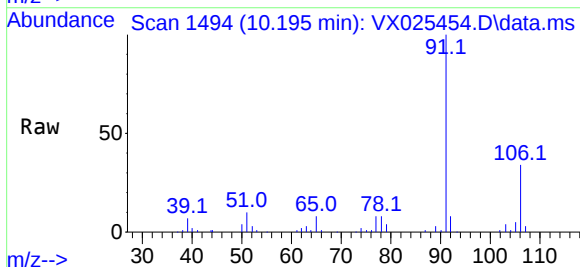
Instrument :
MSVOA_X
ClientSampleId :
MW-34

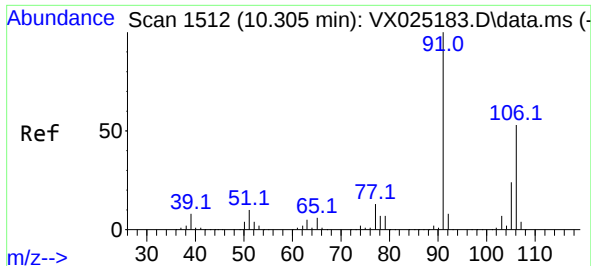
Tgt Ion:117 Resp: 156408
Ion Ratio Lower Upper
117 100
82 53.2 44.6 67.0
119 31.6 24.8 37.2



#67
Ethyl Benzene
Concen: 3.60 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Tgt Ion: 91 Resp: 19815
Ion Ratio Lower Upper
91 100
106 34.2 24.7 37.1

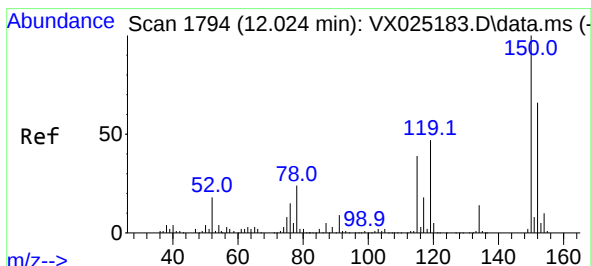
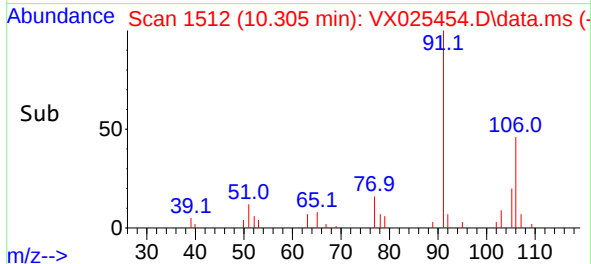
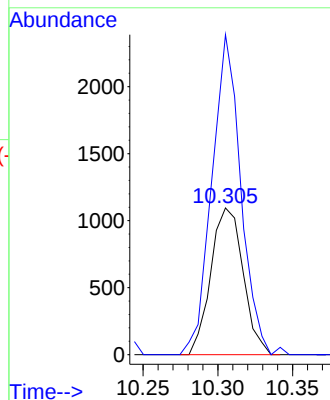
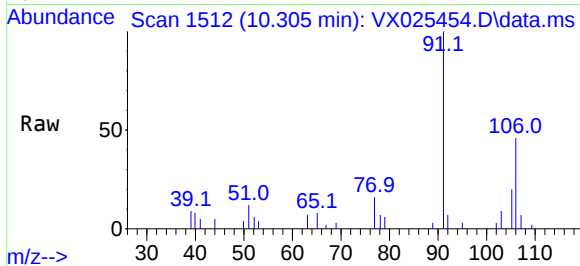




#68
m/p-Xylenes
Concen: 0.73 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

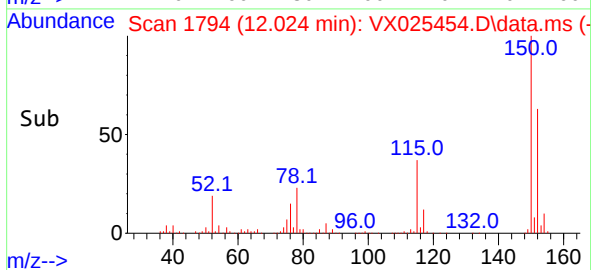
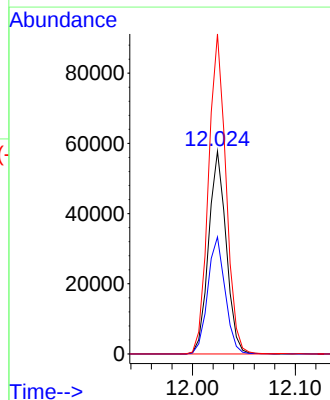
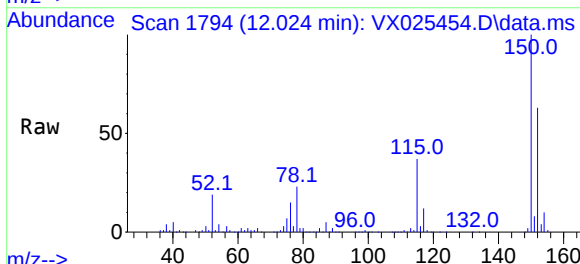
Instrument :
MSVOA_X
ClientSampleId :
MW-34

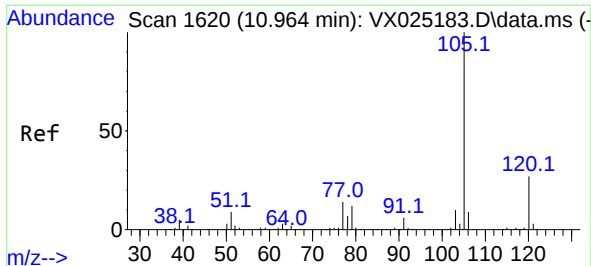
Tgt Ion:106 Resp: 1643
Ion Ratio Lower Upper
106 100
91 196.0 163.4 245.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Tgt Ion:152 Resp: 68583
Ion Ratio Lower Upper
152 100
115 57.4 43.3 129.8
150 157.4 0.0 351.2

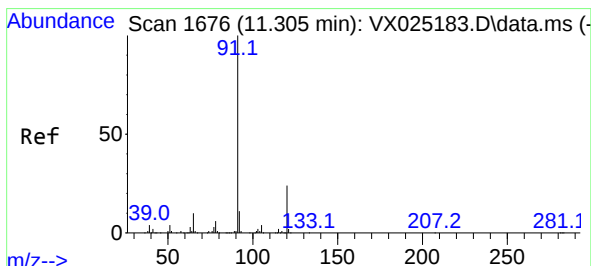
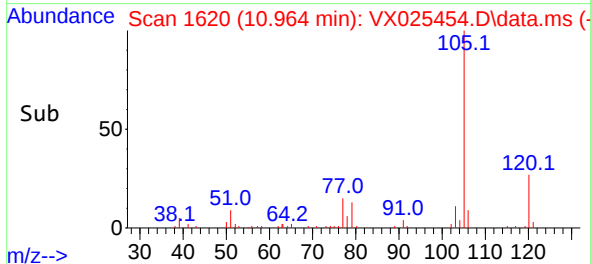
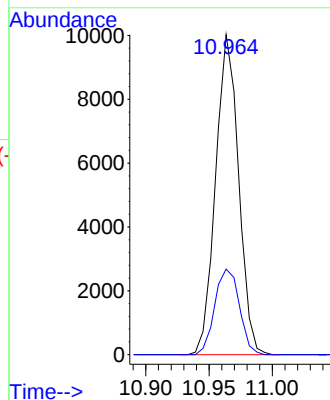
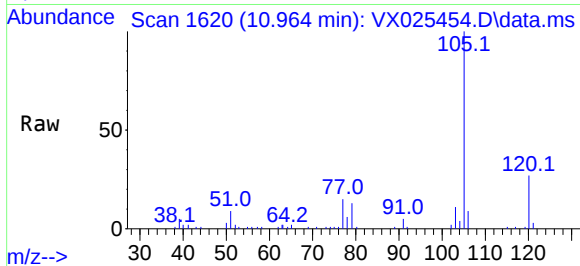




#73
Isopropylbenzene
Concen: 2.59 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

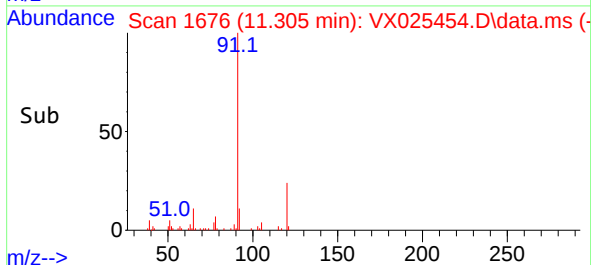
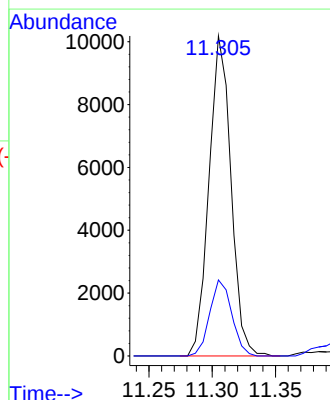
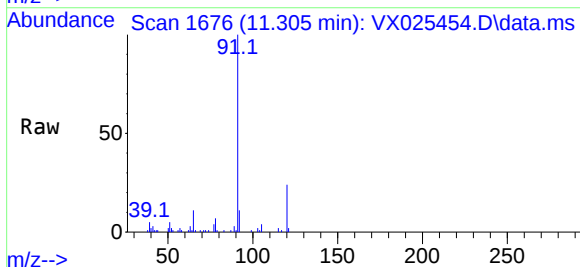
Instrument :
MSVOA_X
ClientSampleId :
MW-34

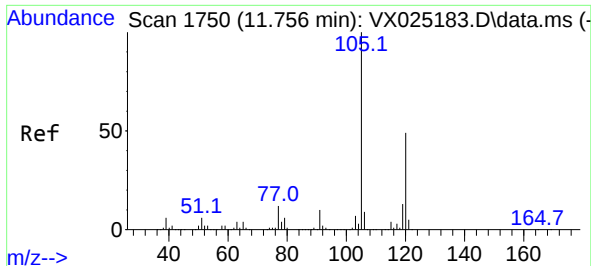
Tgt Ion:105 Resp: 12653
Ion Ratio Lower Upper
105 100
120 28.6 13.3 39.8



#78
n-propylbenzene
Concen: 2.24 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Tgt Ion: 91 Resp: 12296
Ion Ratio Lower Upper
91 100
120 23.9 11.7 35.0

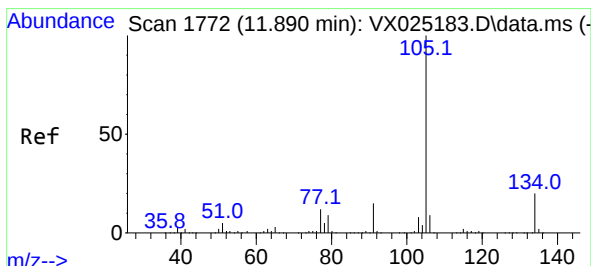
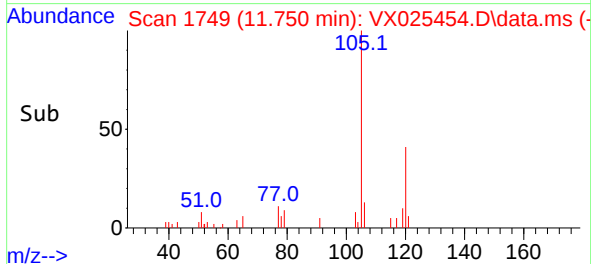
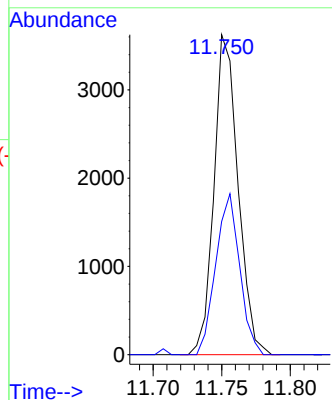
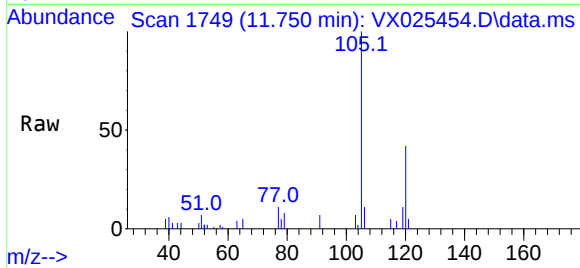




#84
1,2,4-Trimethylbenzene
Concen: 1.09 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Instrument :
MSVOA_X
ClientSampleId :
MW-34

Tgt Ion:105 Resp: 4431
Ion Ratio Lower Upper
105 100
120 49.9 22.1 66.3



#85
sec-Butylbenzene
Concen: 0.44 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX025454.D
Acq: 03 Dec 2021 02:06

Tgt Ion:105 Resp: 2234
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

