

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033030.D
 Acq On : 23 Nov 2022 19:16
 Operator : JC/MD
 Sample : N5741-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Nov 24 04:07:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

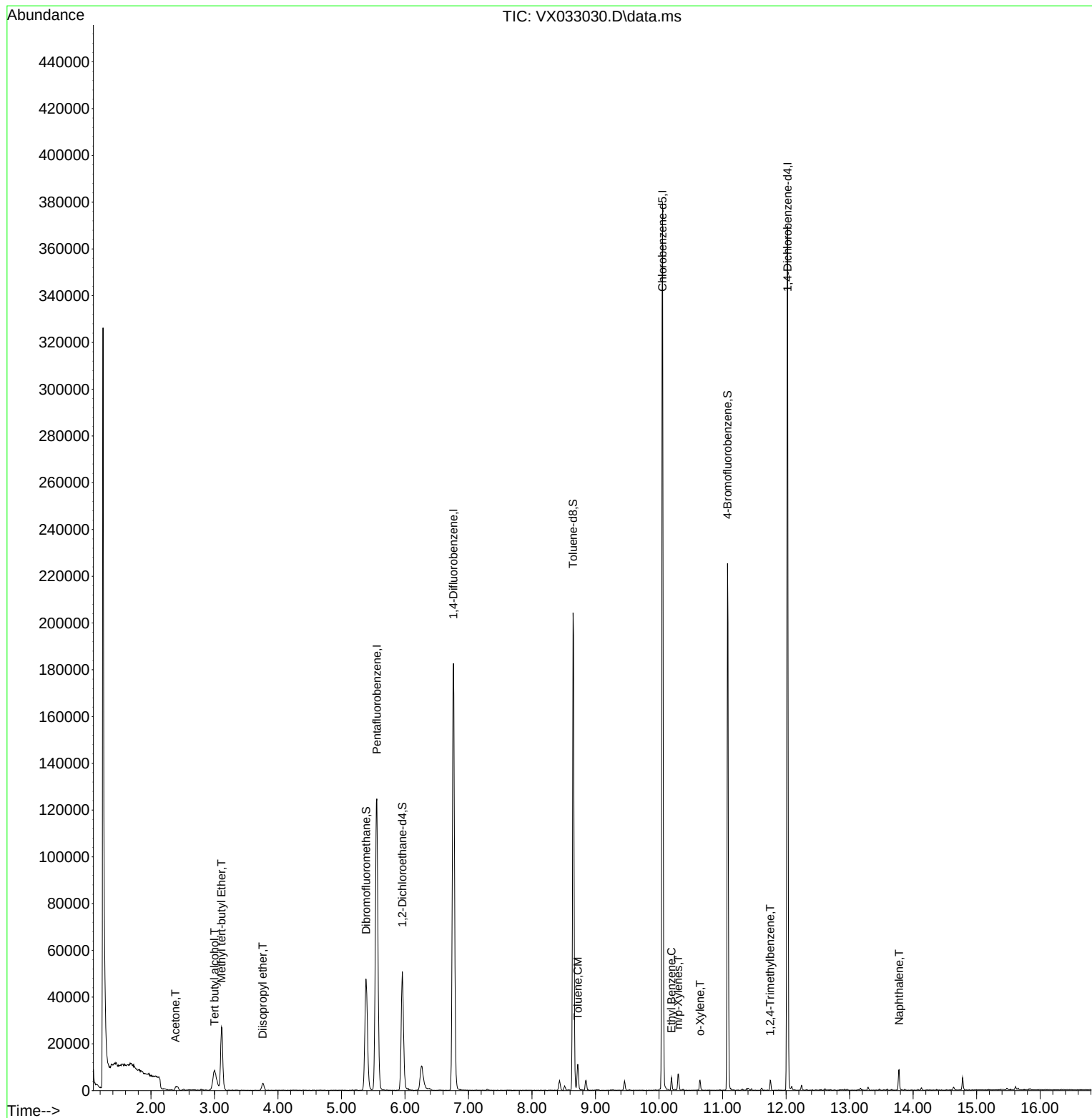
Internal Standards						
1) Pentafluorobenzene	5.556	168	116218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49386	43.053	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.100%
35) Dibromofluoromethane	5.385	113	41279	38.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.160%
50) Toluene-d8	8.647	98	121740	37.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	74.520%#
62) 4-Bromofluorobenzene	11.079	95	57480	40.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.780%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.001	59	18647	103.935	ug/l #	82
16) Acetone	2.386	43	2077	3.929	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	30213	8.590	ug/l	97
22) Diisopropyl ether	3.757	45	3038	0.852	ug/l #	86
52) Toluene	8.720	92	4247	1.346	ug/l	96
67) Ethyl Benzene	10.195	91	3373	0.570	ug/l	99
68) m/p-Xylenes	10.299	106	1795	0.774	ug/l	95
69) o-Xylene	10.646	106	1137	0.507	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	2255	0.496	ug/l	97
95) Naphthalene	13.780	128	6576	1.354	ug/l	98

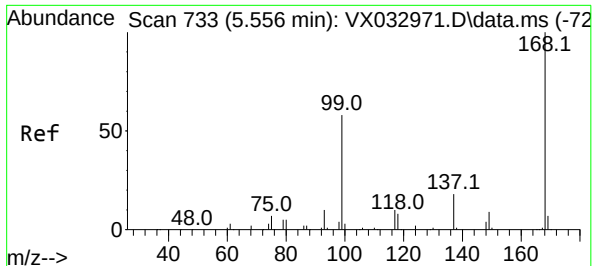
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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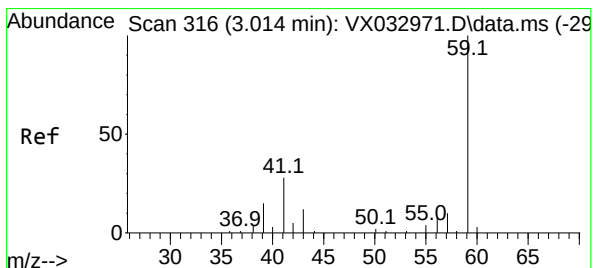
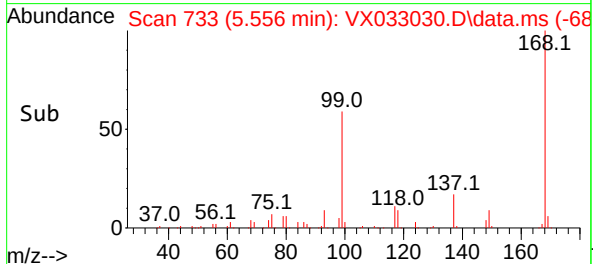
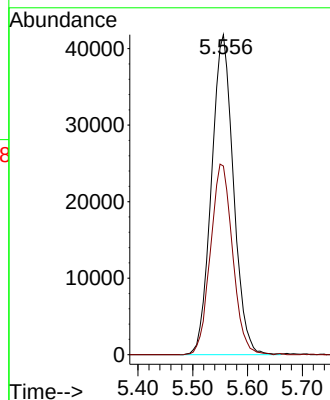
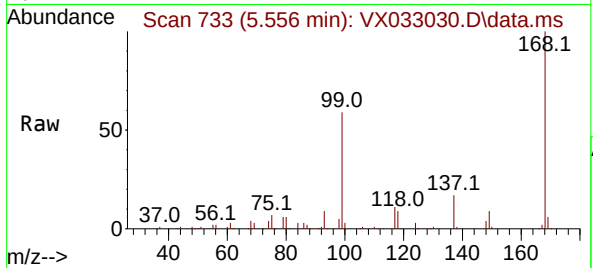




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

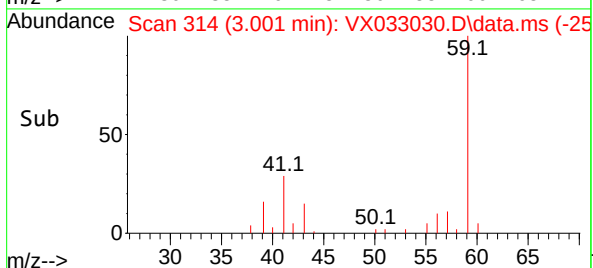
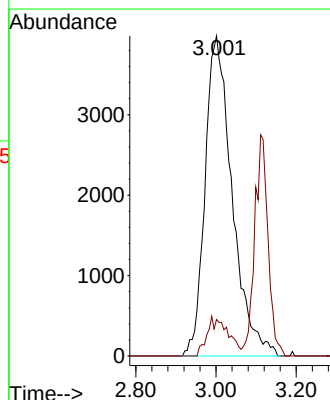
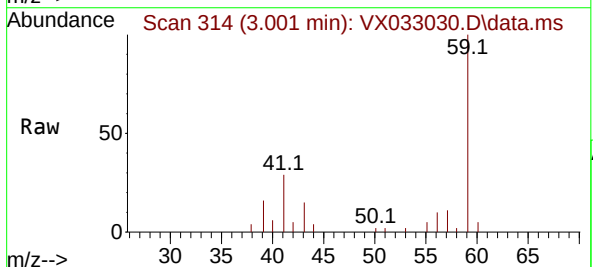
Instrument :
MSVOA_X
ClientSampleId :
MW-26

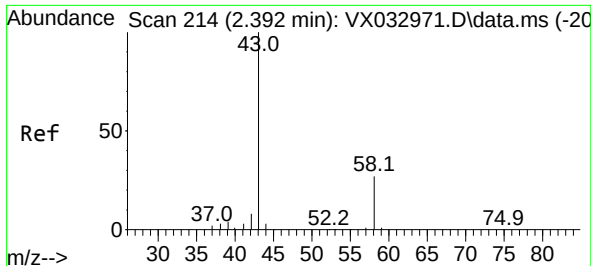
Tgt Ion:168 Resp: 116218
Ion Ratio Lower Upper
168 100
99 59.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 103.935 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.036 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

Tgt Ion: 59 Resp: 18647
Ion Ratio Lower Upper
59 100
57 3.6 8.2 12.4#

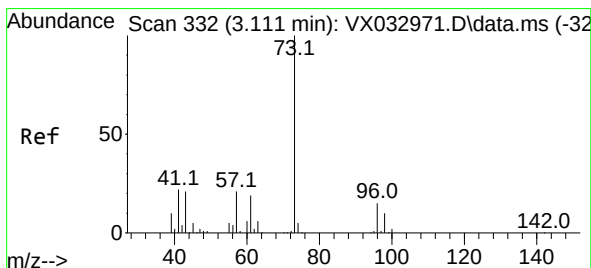
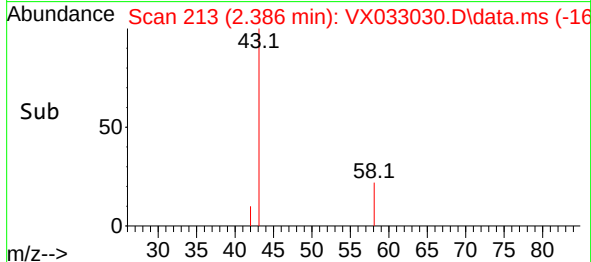
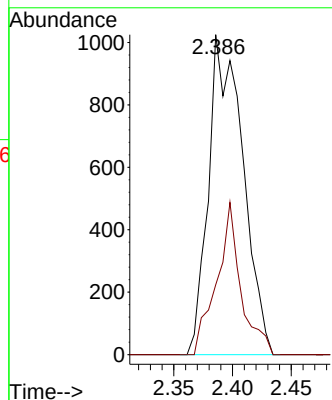
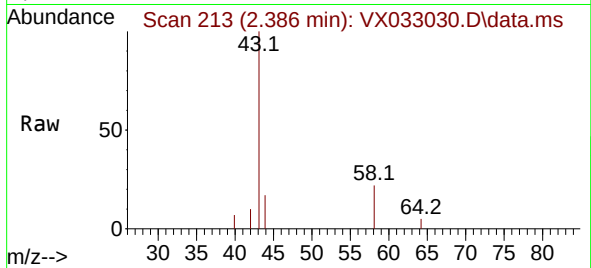




#16
Acetone
Concen: 3.929 ug/l
RT: 2.386 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

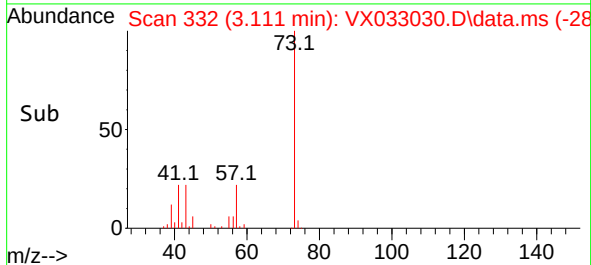
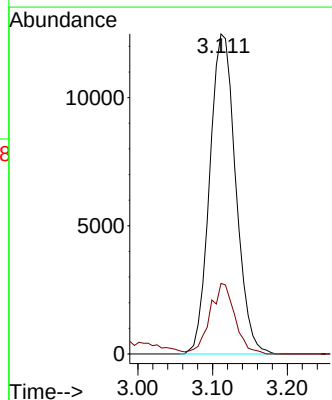
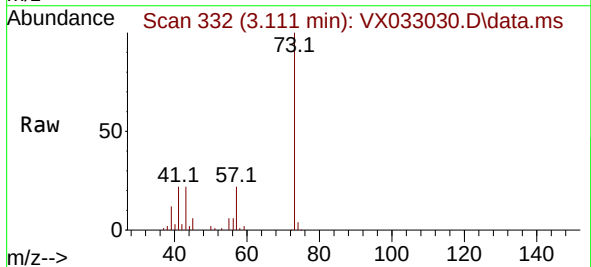
Instrument :
MSVOA_X
ClientSampleId :
MW-26

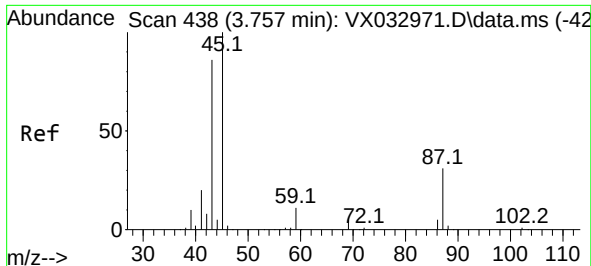
Tgt Ion: 43 Resp: 2077
Ion Ratio Lower Upper
43 100
58 21.9 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 8.590 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

Tgt Ion: 73 Resp: 30213
Ion Ratio Lower Upper
73 100
57 22.0 16.6 25.0

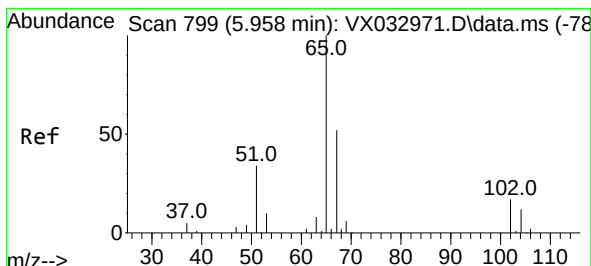
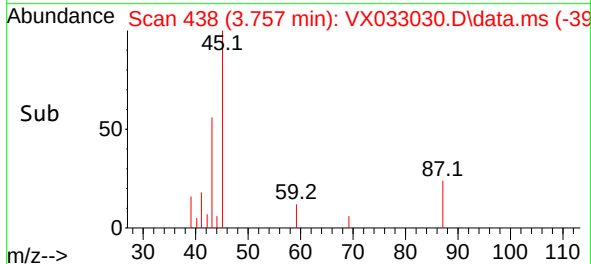
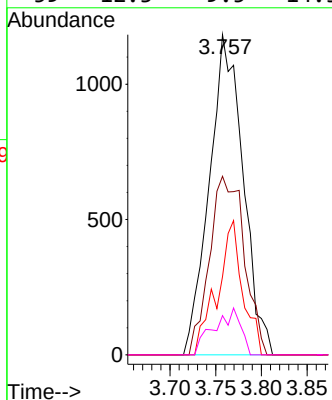
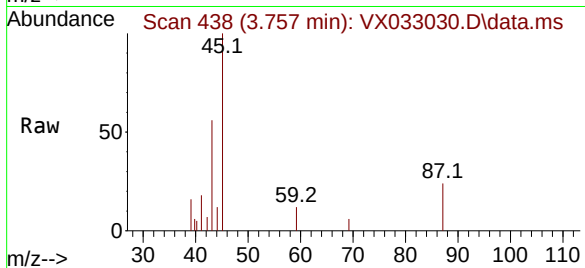




#22
Diisopropyl ether
Concen: 0.852 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

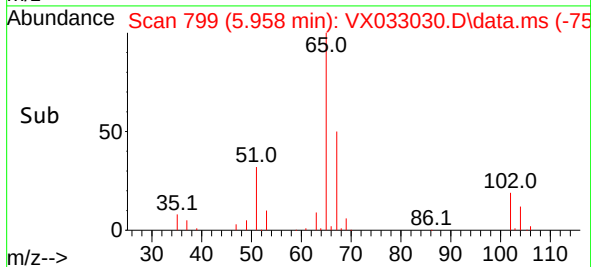
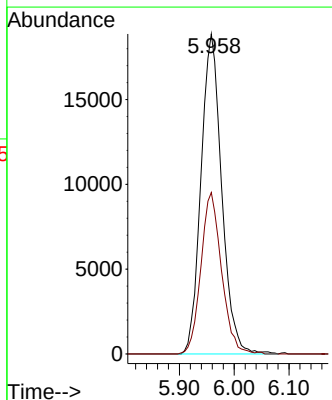
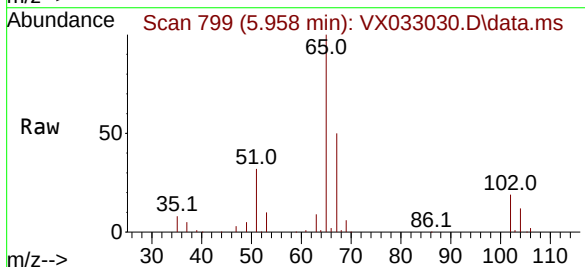
Instrument :
MSVOA_X
ClientSampleId :
MW-26

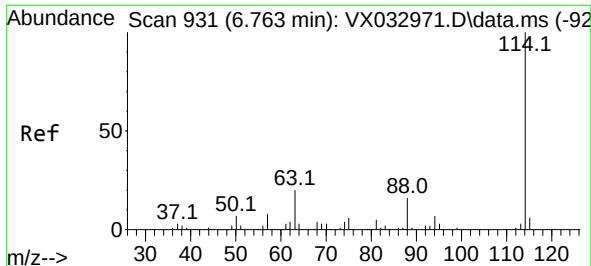
Tgt Ion:	45	Resp:	3038
Ion	Ratio	Lower	Upper
45	100		
43	55.8	56.4	84.6#
87	24.4	24.4	36.6
59	12.3	9.5	14.3



#33
1,2-Dichloroethane-d4
Concen: 43.053 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

Tgt Ion:	65	Resp:	49386
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.8

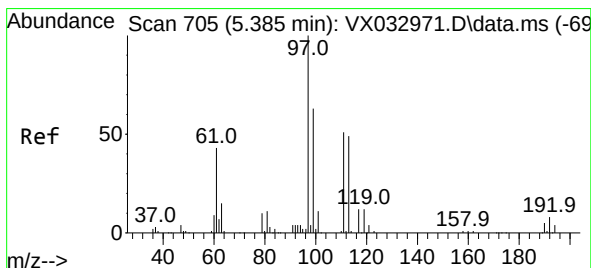
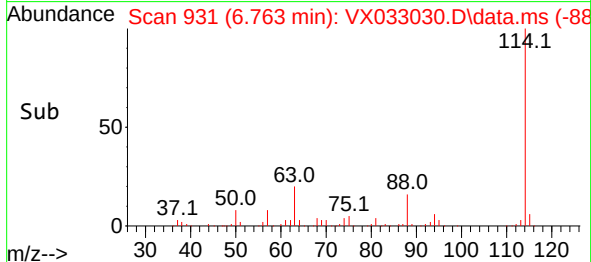
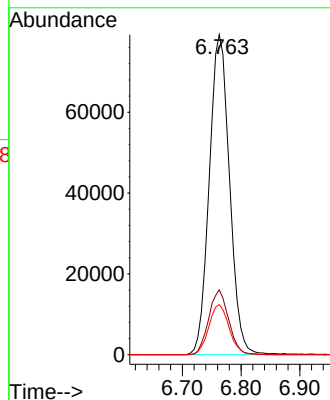
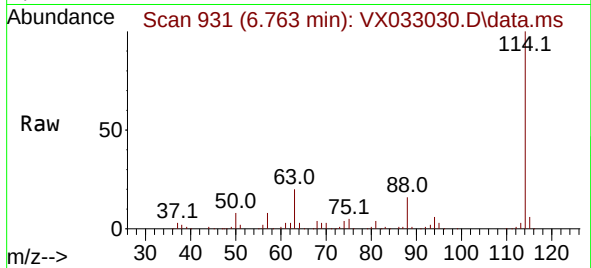




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

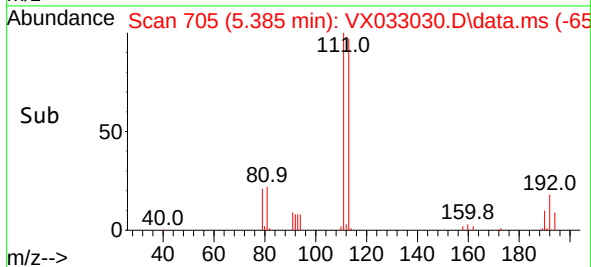
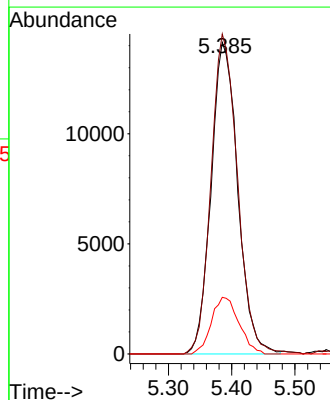
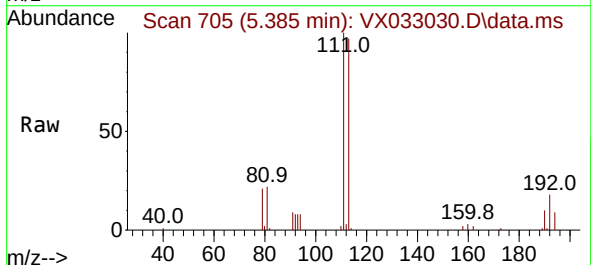
Instrument :
MSVOA_X
ClientSampleId :
MW-26

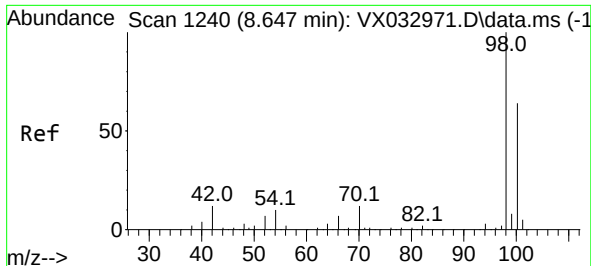
Tgt Ion:114 Resp: 189805
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 38.577 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

Tgt Ion:113 Resp: 41279
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 18.8 15.4 23.2

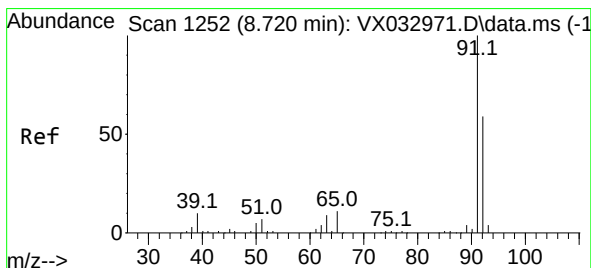
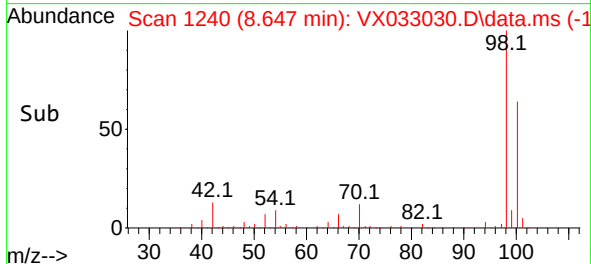
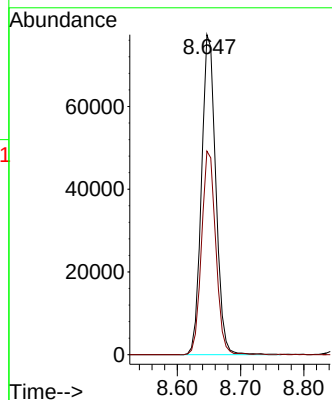
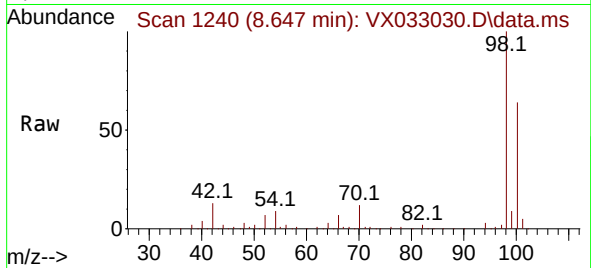




#50
Toluene-d8
Concen: 37.263 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

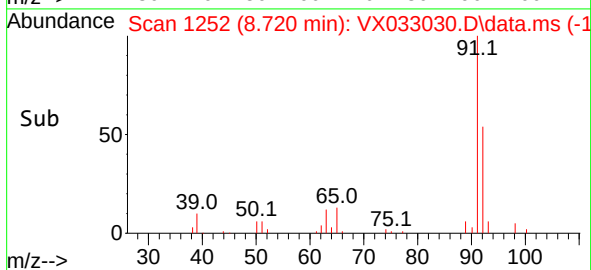
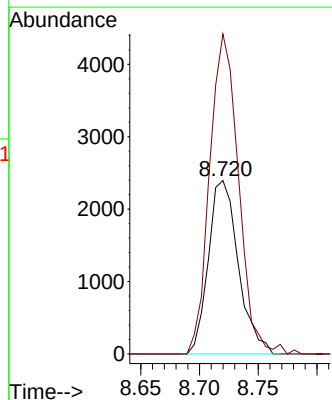
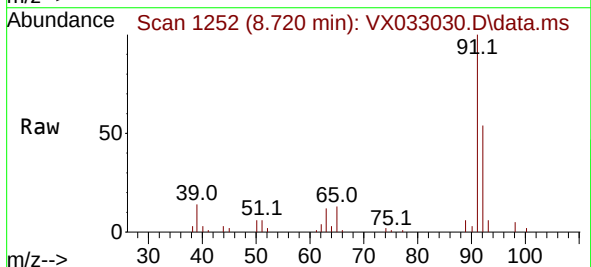
Instrument :
MSVOA_X
ClientSampleId :
MW-26

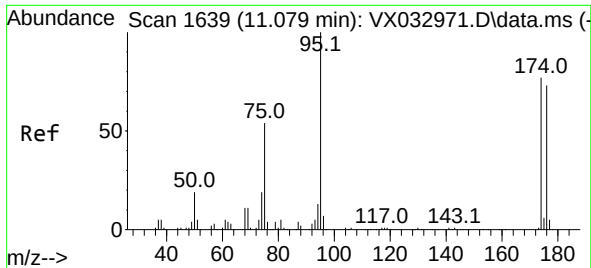
Tgt Ion: 98 Resp: 121740
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#52
Toluene
Concen: 1.346 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

Tgt Ion: 92 Resp: 4247
Ion Ratio Lower Upper
92 100
91 178.3 138.3 207.5

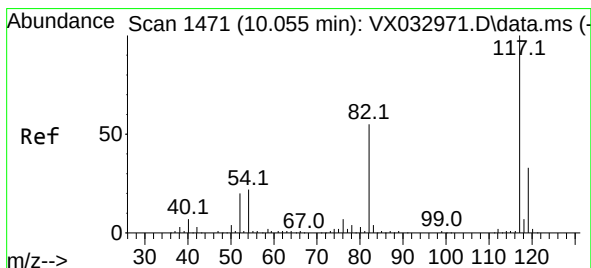
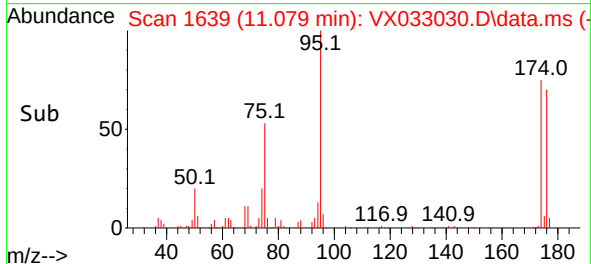
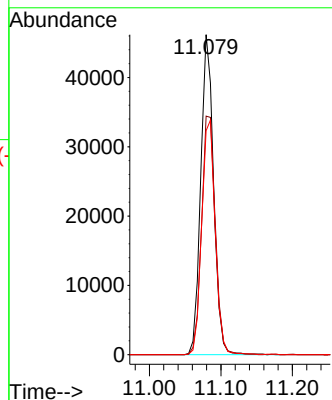
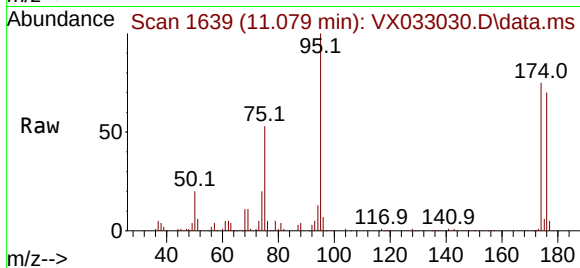




#62
4-Bromofluorobenzene
Concen: 40.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

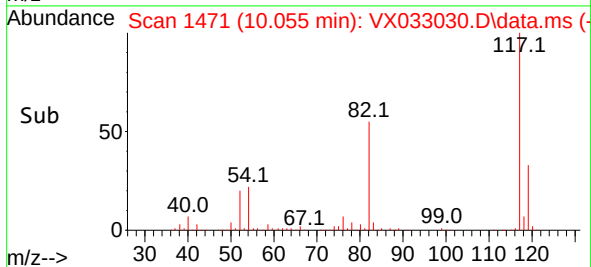
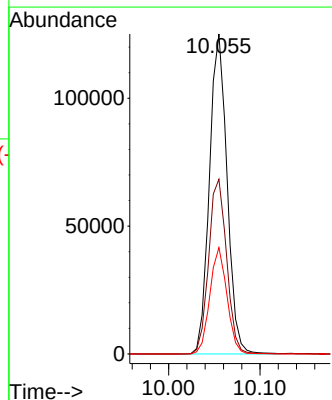
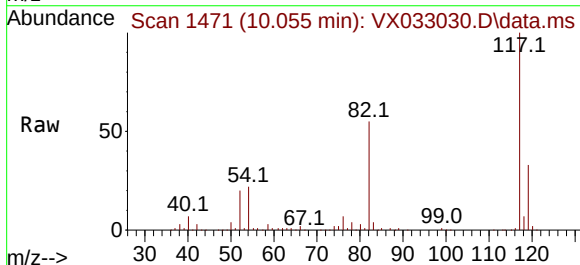
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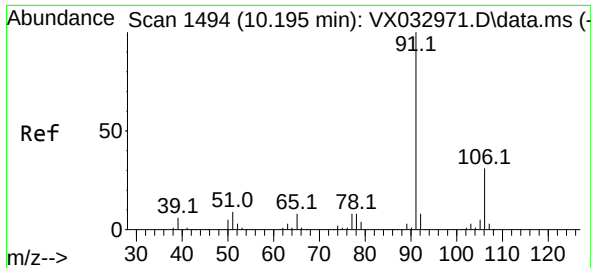
Tgt Ion: 95 Resp: 57480
Ion Ratio Lower Upper
95 100
174 80.0 0.0 164.0
176 77.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

Tgt Ion: 117 Resp: 167441
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 33.3 25.7 38.5

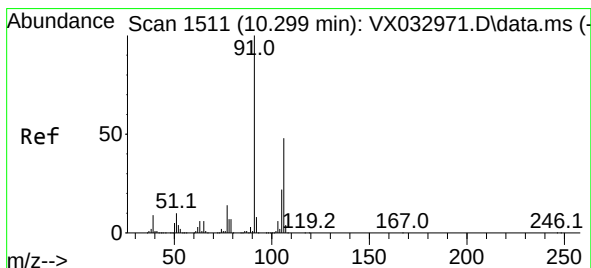
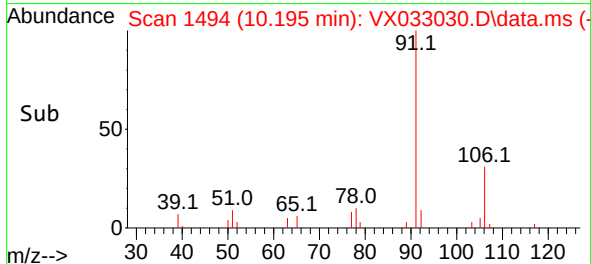
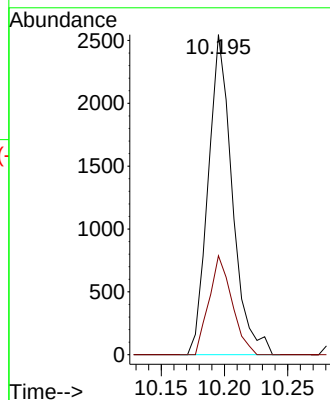
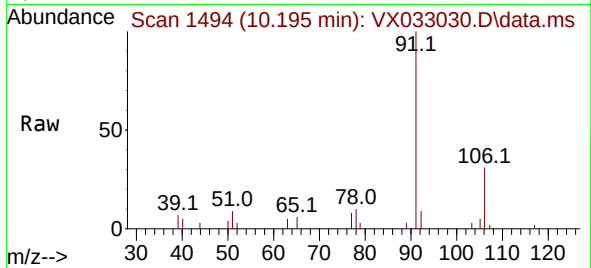




#67
Ethyl Benzene
Concen: 0.570 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

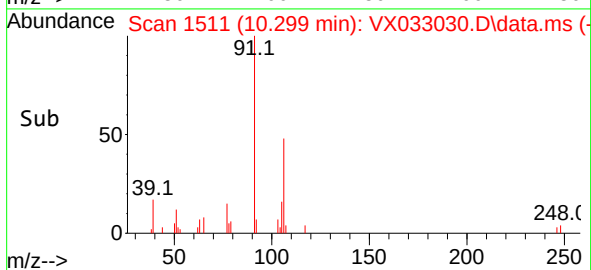
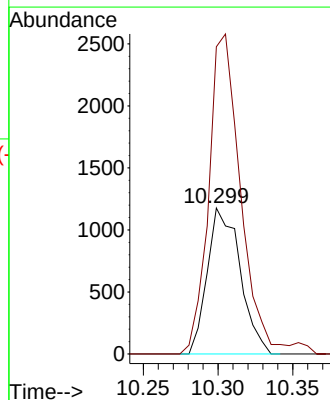
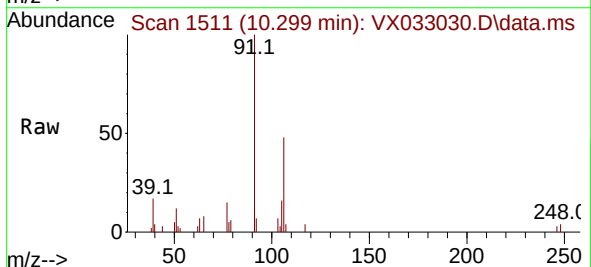
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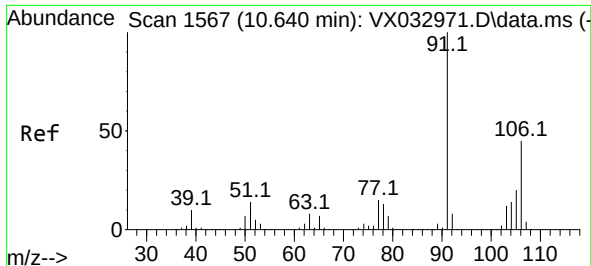
Tgt Ion: 91 Resp: 3373
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6



#68
m/p-Xylenes
Concen: 0.774 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

Tgt Ion: 106 Resp: 1795
Ion Ratio Lower Upper
106 100
91 212.5 164.5 246.7

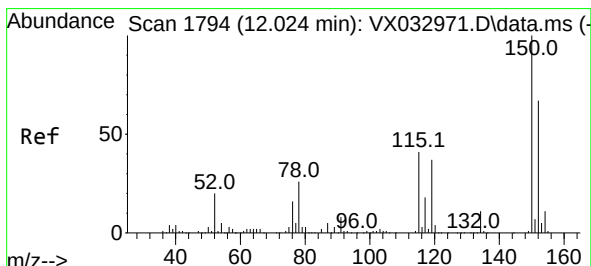
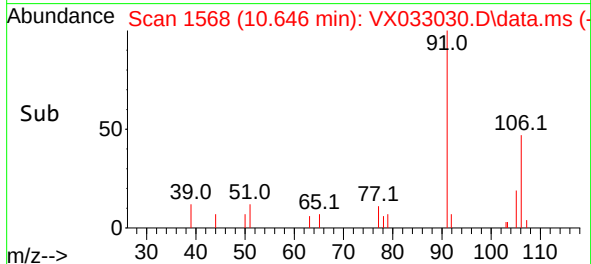
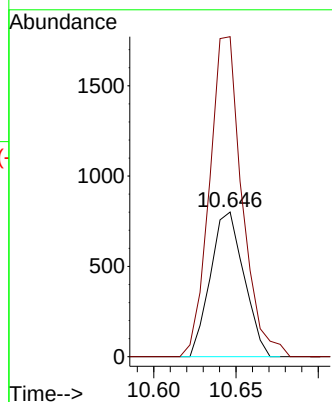
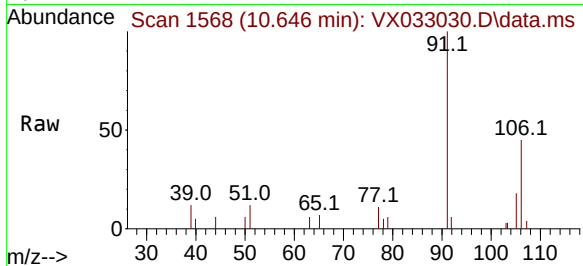




#69
o-Xylene
Concen: 0.507 ug/l
RT: 10.646 min Scan# 1137
Delta R.T. 0.006 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

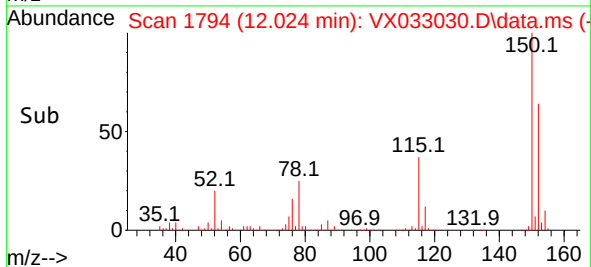
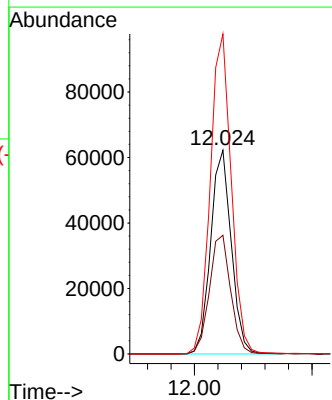
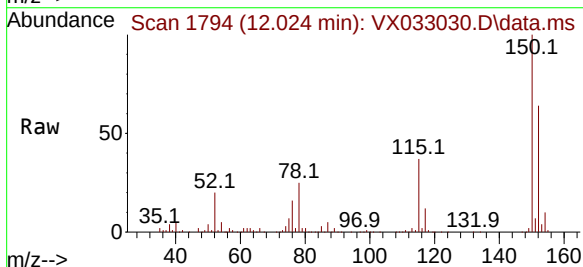
Instrument :
MSVOA_X
ClientSampleId :
MW-26

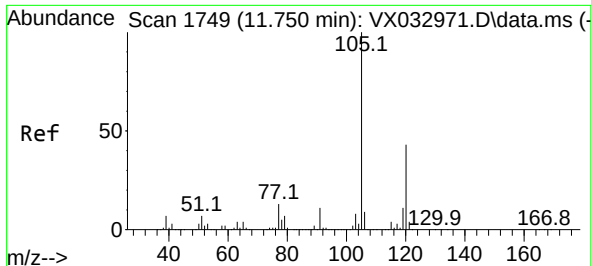
Tgt Ion:106 Resp: 1137
Ion Ratio Lower Upper
106 100
91 215.5 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

Tgt Ion:152 Resp: 75939
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 159.4 0.0 351.8

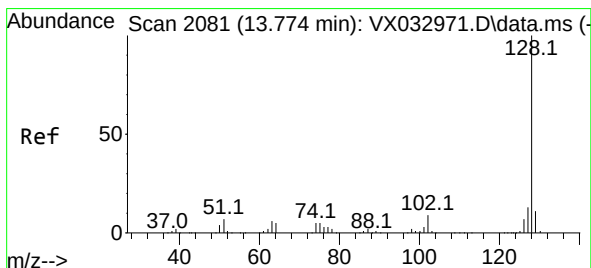
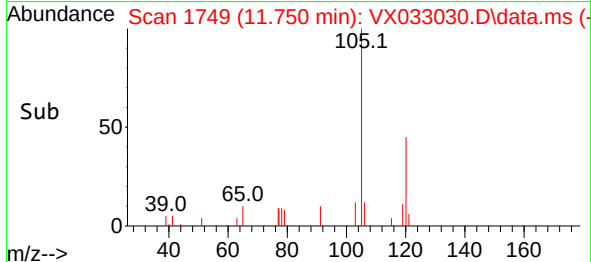
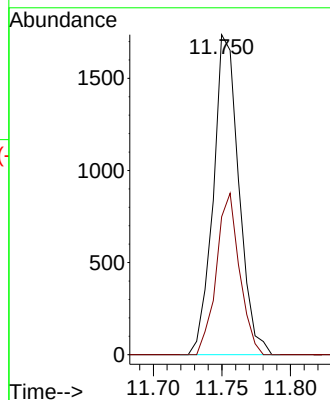
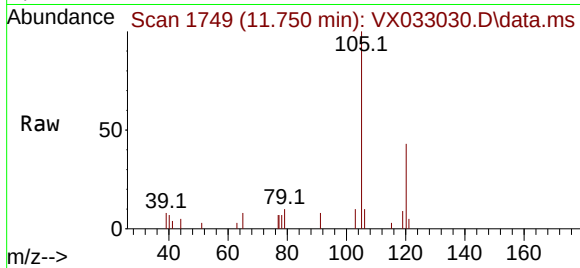




#84
1,2,4-Trimethylbenzene
Concen: 0.496 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion:105 Resp: 2255
Ion Ratio Lower Upper
105 100
120 45.6 21.9 65.5



#95
Naphthalene
Concen: 1.354 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX033030.D
Acq: 23 Nov 2022 19:16

Tgt Ion:128 Resp: 6576
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 10.0 8.9 13.3

