

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027523.D
 Acq On : 18 Mar 2022 13:21
 Operator : JC/MD
 Sample : N1997-12DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-112DL

Quant Time: Mar 19 03:06:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

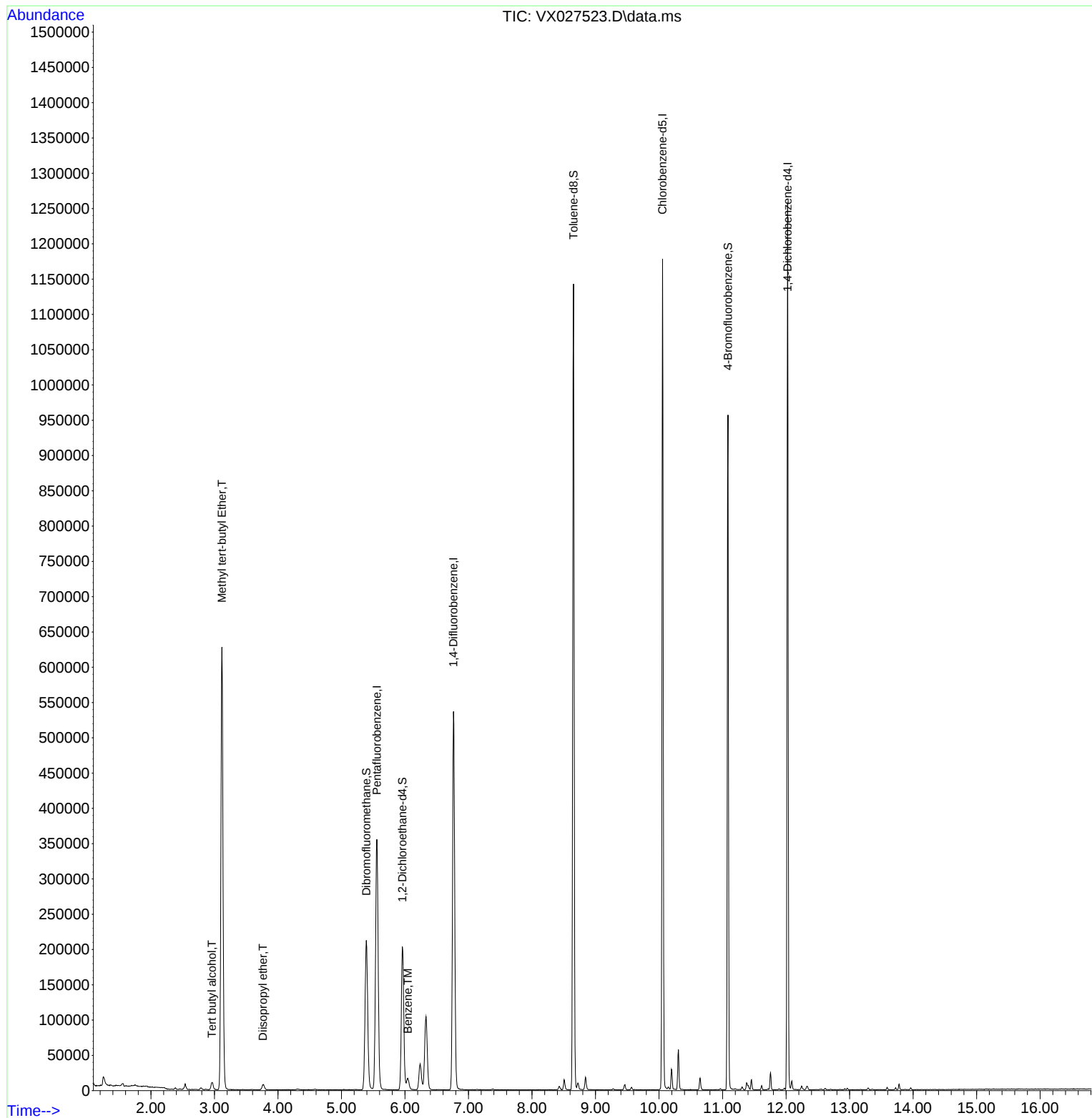
Internal Standards						
1) Pentafluorobenzene	5.556	168	363230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	556276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199472	44.578	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.160%
35) Dibromofluoromethane	5.391	113	189880	50.580	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.160%
50) Toluene-d8	8.653	98	698463	49.168	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.085	95	262782	50.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	12445	14.593	ug/l #	72
19) Methyl tert-butyl Ether	3.117	73	723739	63.599	ug/l	100
22) Diisopropyl ether	3.763	45	8195	0.795	ug/l #	84
40) Benzene	6.044	78	19737	1.341	ug/l	94

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

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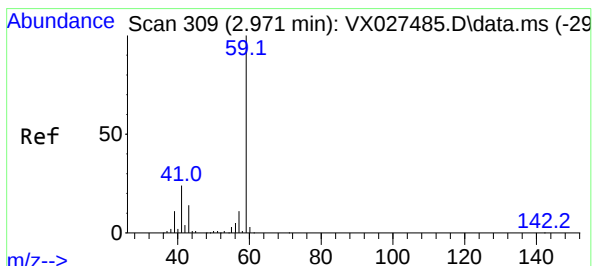
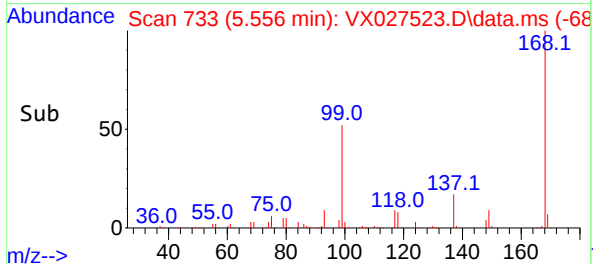
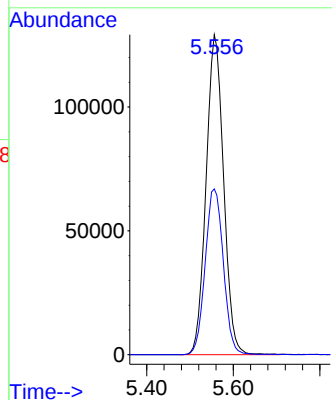
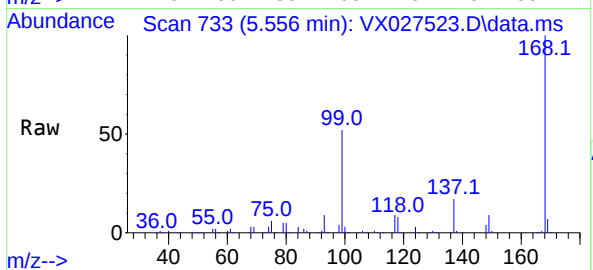




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027523.D
Acq: 18 Mar 2022 13:21

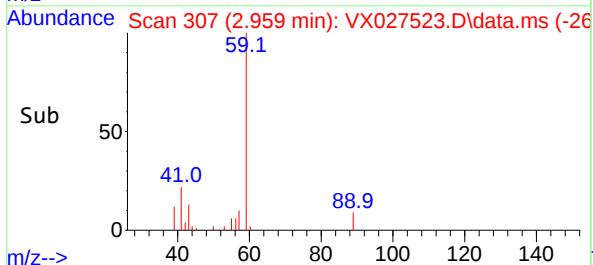
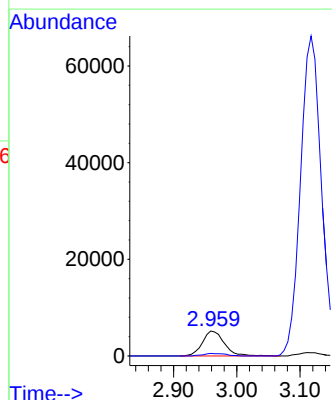
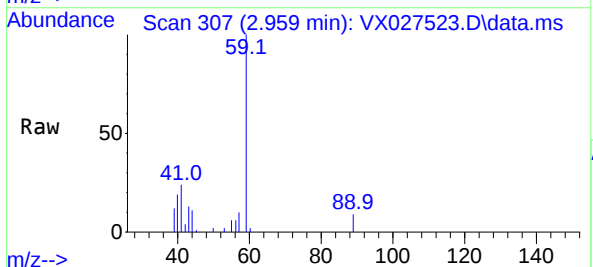
Instrument :
MSVOA_X
ClientSampleId :
MW-112DL

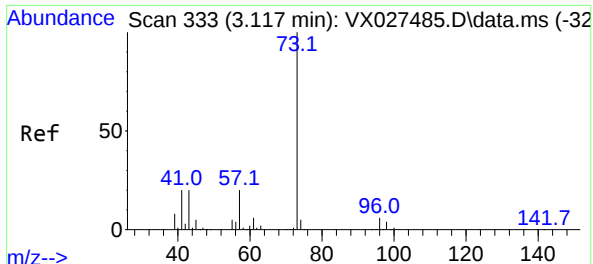
Tgt Ion:168 Resp: 363230
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#11
Tert butyl alcohol
Concen: 14.593 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX027523.D
Acq: 18 Mar 2022 13:21

Tgt Ion: 59 Resp: 12445
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

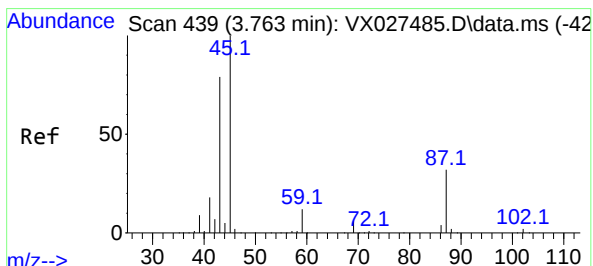
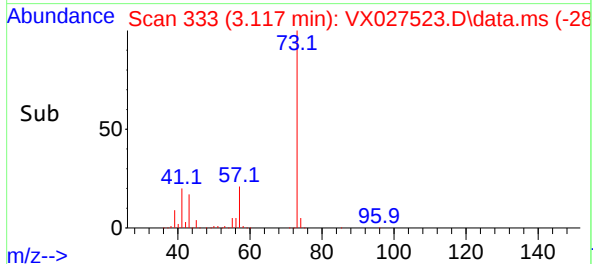
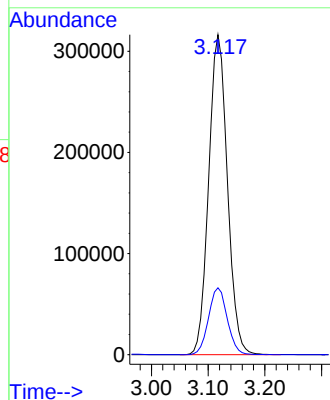
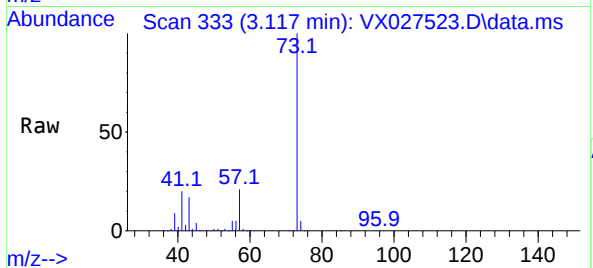




#19
Methyl tert-butyl Ether
Concen: 63.599 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027523.D
Acq: 18 Mar 2022 13:21

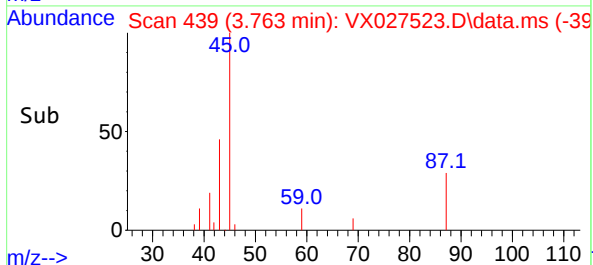
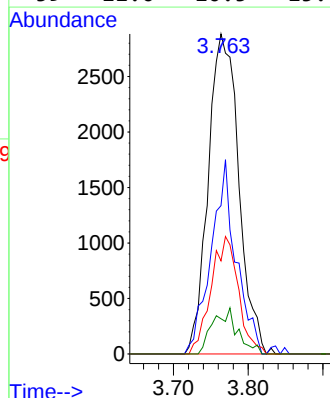
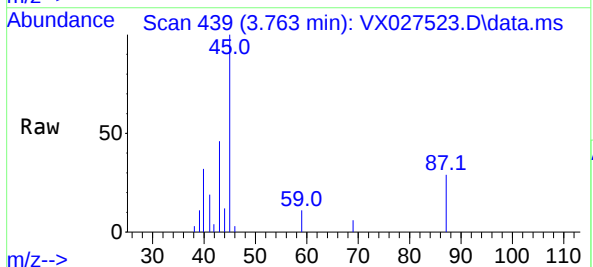
Instrument :
MSVOA_X
ClientSampleId :
MW-112DL

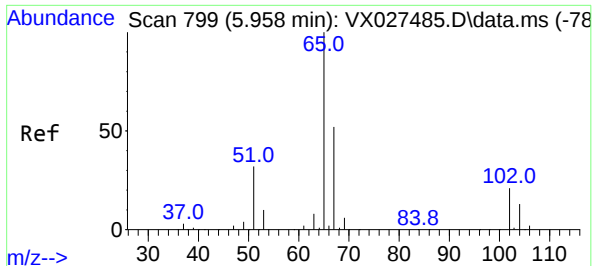
Tgt Ion: 73 Resp: 723739
Ion Ratio Lower Upper
73 100
57 20.9 16.8 25.2



#22
Diisopropyl ether
Concen: 0.795 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX027523.D
Acq: 18 Mar 2022 13:21

Tgt Ion: 45 Resp: 8195
Ion Ratio Lower Upper
45 100
43 46.4 50.8 76.2#
87 29.1 26.6 39.8
59 11.0 10.5 15.7

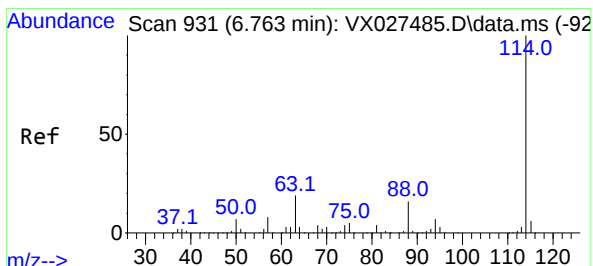
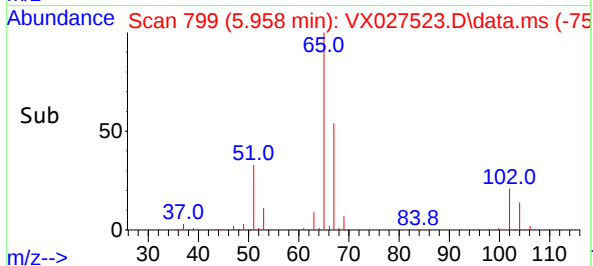
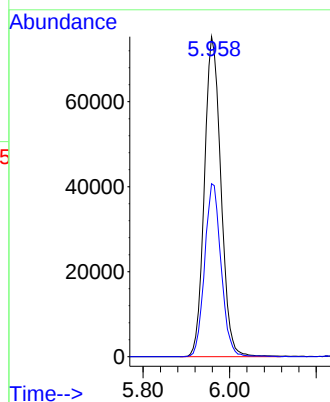
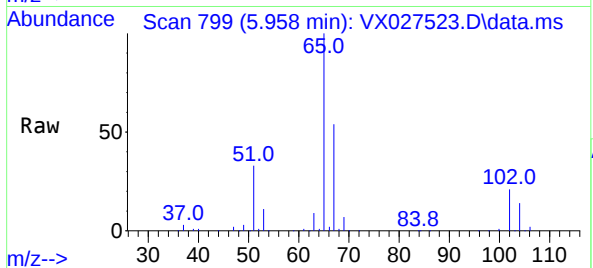




#33
 1,2-Dichloroethane-d4
 Concen: 44.578 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX027523.D
 Acq: 18 Mar 2022 13:21

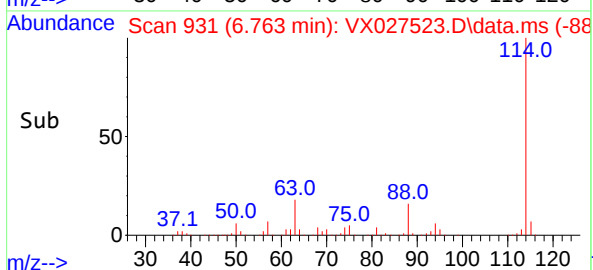
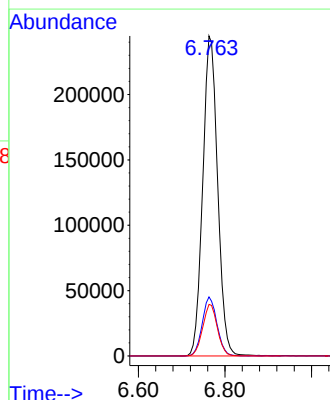
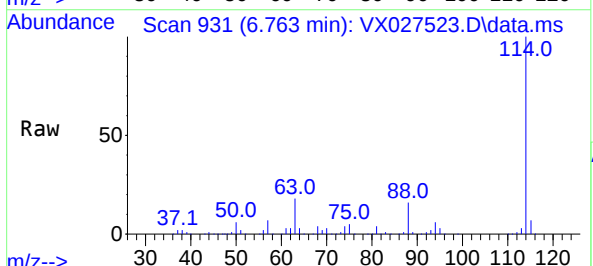
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-112DL

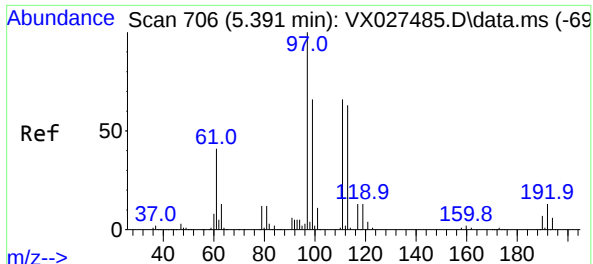
Tgt Ion: 65 Resp: 199472
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX027523.D
 Acq: 18 Mar 2022 13:21

Tgt Ion: 114 Resp: 583485
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 16.1 0.0 32.4

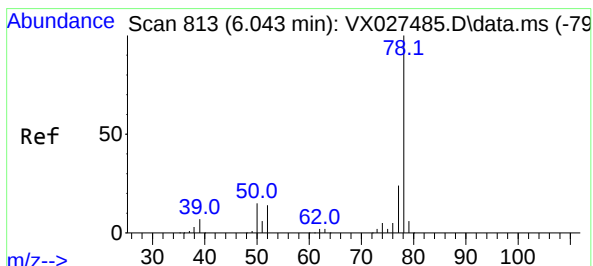
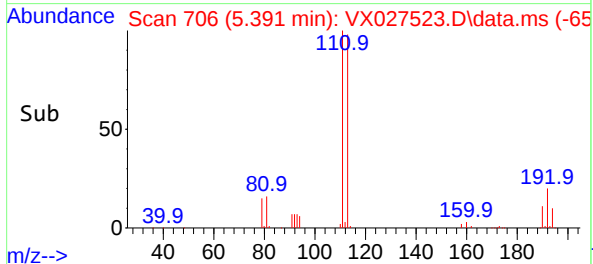
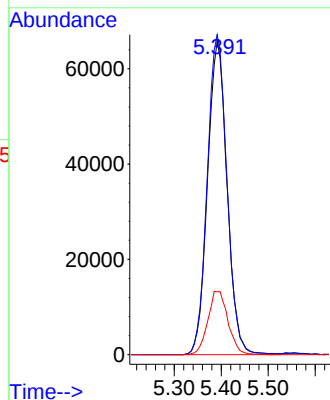
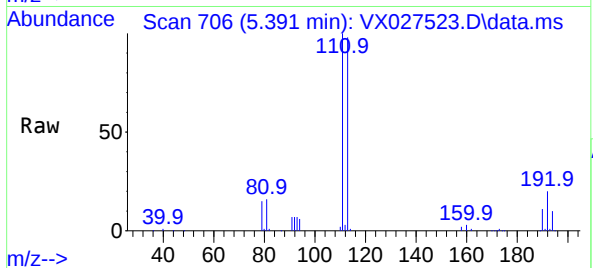




#35
Dibromofluoromethane
Concen: 50.580 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027523.D
Acq: 18 Mar 2022 13:21

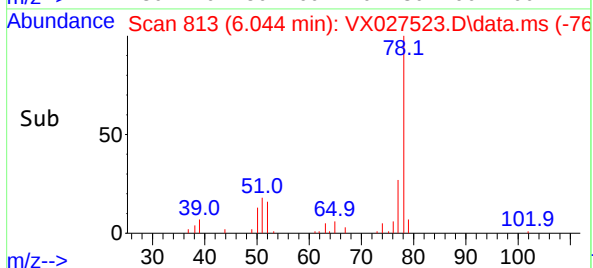
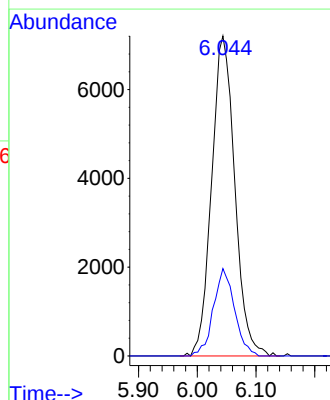
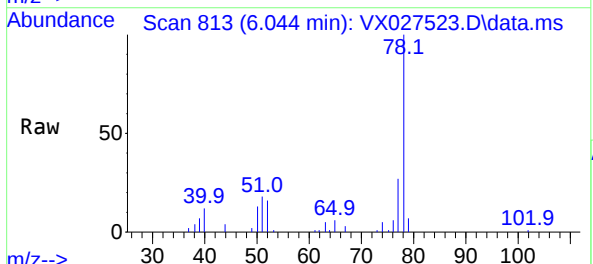
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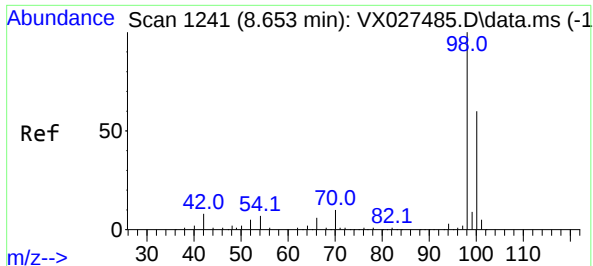
Tgt Ion:113 Resp: 189880
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 20.9 16.9 25.3



#40
Benzene
Concen: 1.341 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027523.D
Acq: 18 Mar 2022 13:21

Tgt Ion: 78 Resp: 19737
Ion Ratio Lower Upper
78 100
77 27.3 19.3 28.9

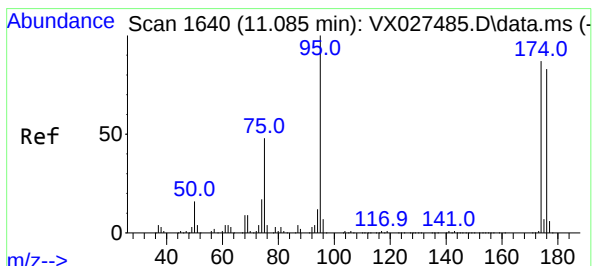
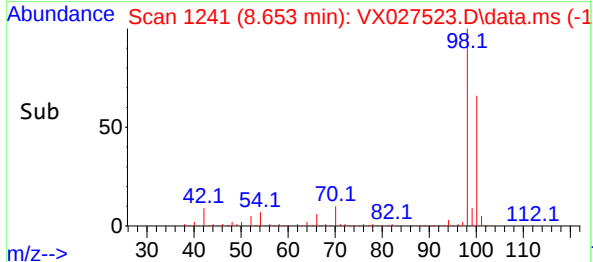
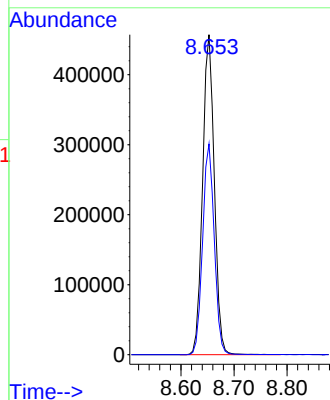
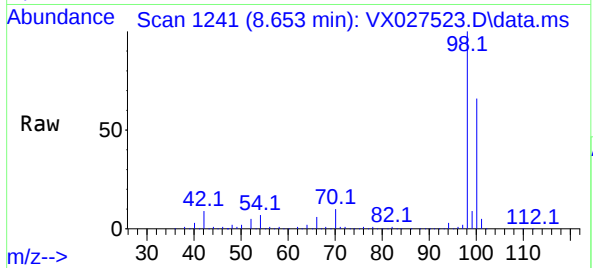




#50
Toluene-d8
Concen: 49.168 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027523.D
Acq: 18 Mar 2022 13:21

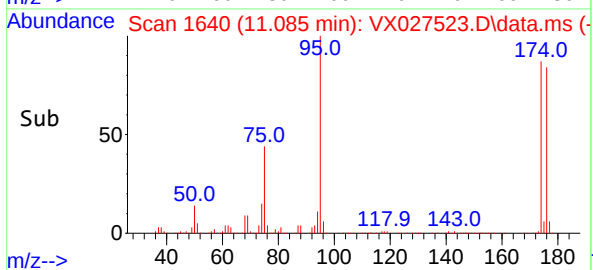
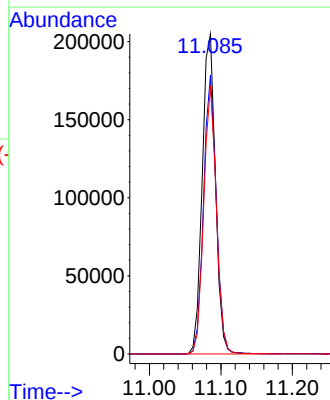
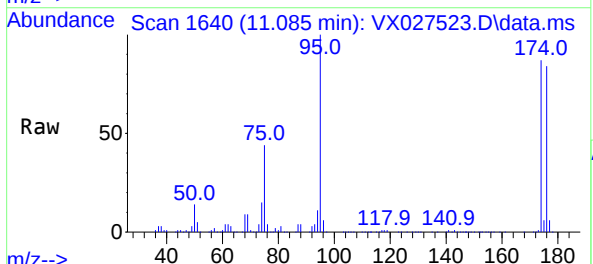
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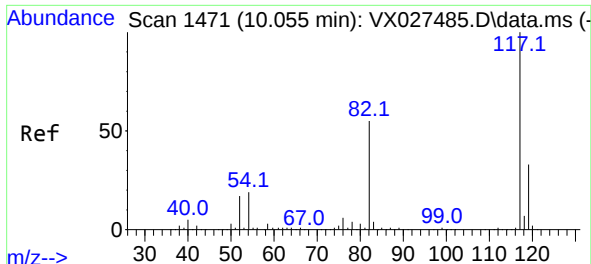
Tgt Ion: 98 Resp: 698463
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.328 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027523.D
Acq: 18 Mar 2022 13:21

Tgt Ion: 95 Resp: 262782
Ion Ratio Lower Upper
95 100
174 84.2 0.0 163.0
176 80.4 0.0 155.0

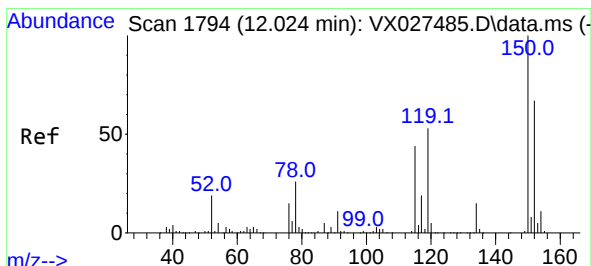
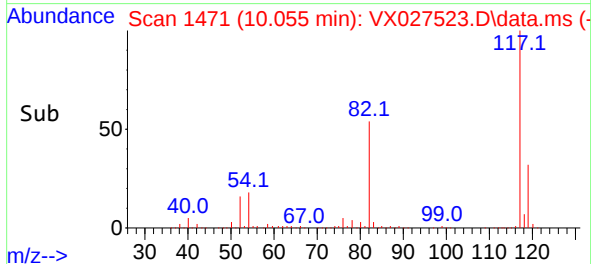
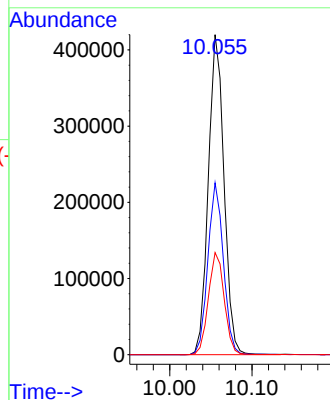
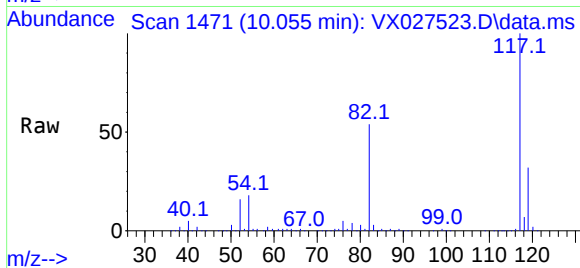




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027523.D
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Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 556276
Ion Ratio Lower Upper
117 100
82 53.7 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027523.D
Acq: 18 Mar 2022 13:21

Tgt Ion:152 Resp: 271547
Ion Ratio Lower Upper
152 100
115 59.0 37.5 112.7
150 156.1 0.0 338.2

