

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028041.D
 Acq On : 08 Apr 2022 20:37
 Operator : JC/MD
 Sample : N2334-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP040522

Quant Time: Apr 11 01:20:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

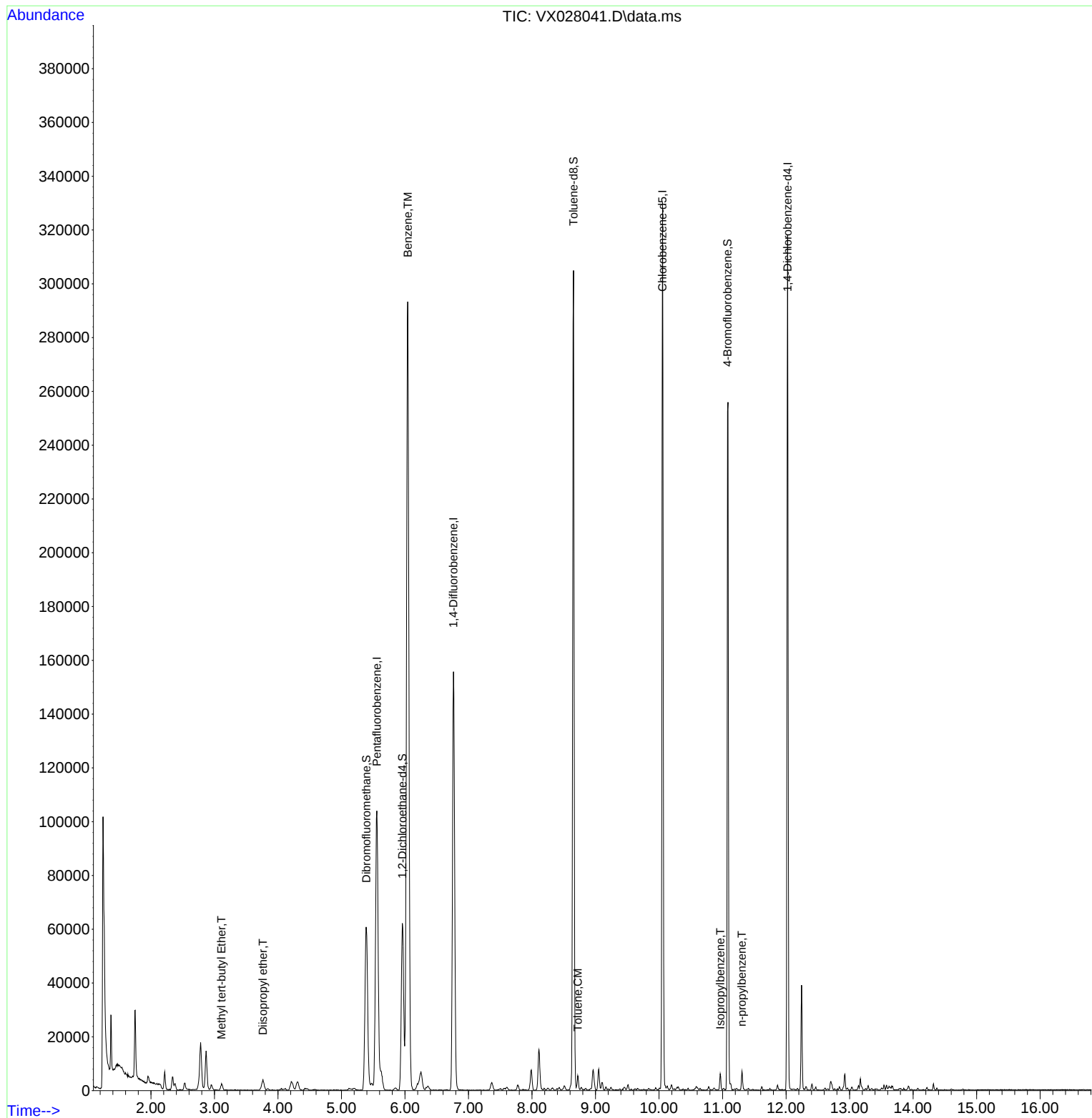
Internal Standards						
1) Pentafluorobenzene	5.556	168	102880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128723	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61521	39.393	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	78.780%
35) Dibromofluoromethane	5.391	113	54409	53.488	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.980%
50) Toluene-d8	8.653	98	168693	46.478	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.960%
62) 4-Bromofluorobenzene	11.079	95	68635	44.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.960%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	1828	0.479	ug/l #	58
22) Diisopropyl ether	3.763	45	3863	1.017	ug/l #	79
40) Benzene	6.044	78	359294	86.044	ug/l	98
52) Toluene	8.720	92	1691	0.631	ug/l	88
73) Isopropylbenzene	10.963	105	3000	0.674	ug/l	92
78) n-propylbenzene	11.305	91	4284	0.807	ug/l	95

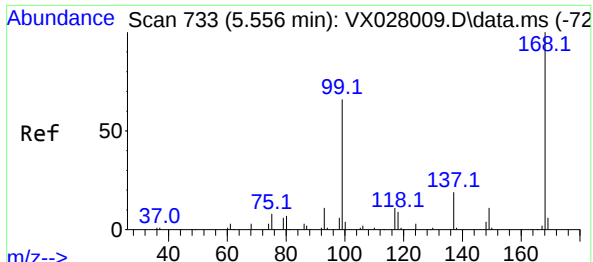
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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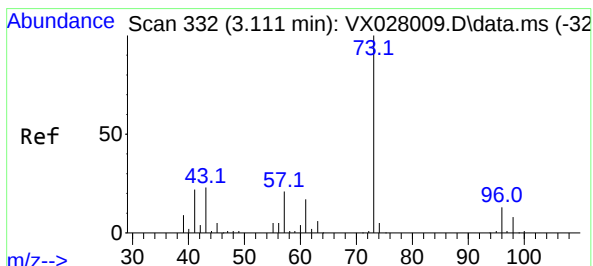
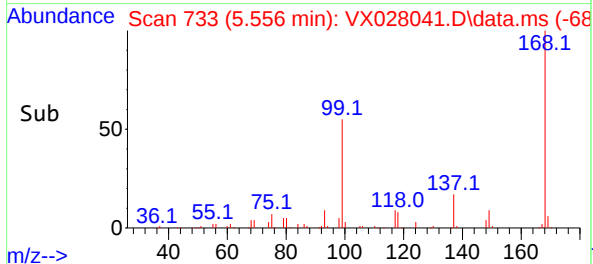
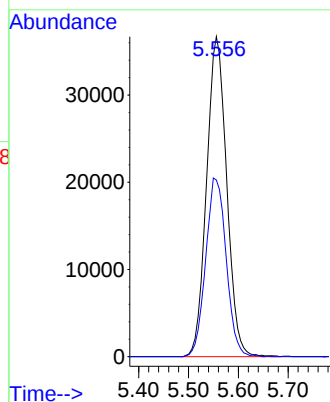
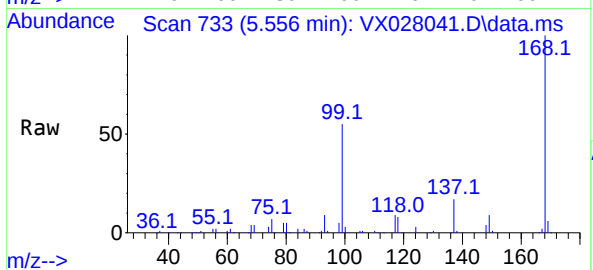




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

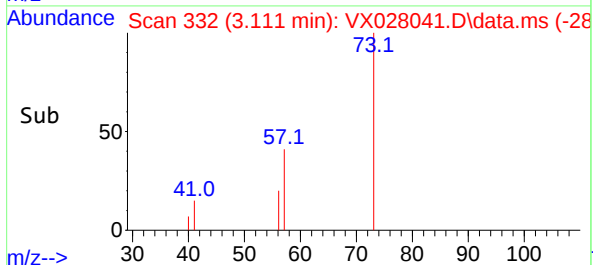
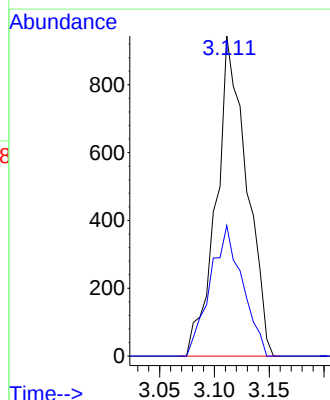
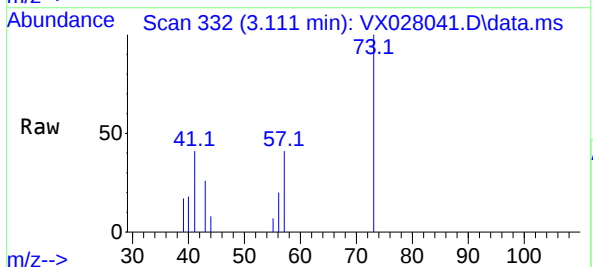
Instrument :
MSVOA_X
ClientSampleId :
DUP040522

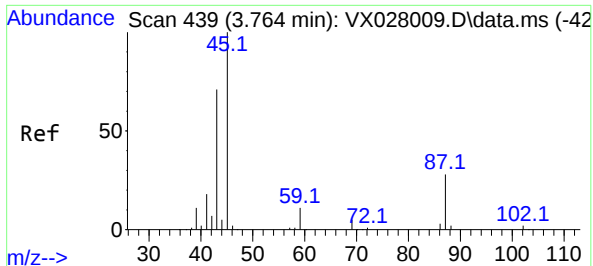
Tgt Ion:168 Resp: 102880
Ion Ratio Lower Upper
168 100
99 55.2 41.7 62.5



#19
Methyl tert-butyl Ether
Concen: 0.479 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

Tgt Ion: 73 Resp: 1828
Ion Ratio Lower Upper
73 100
57 40.8 16.8 25.2#



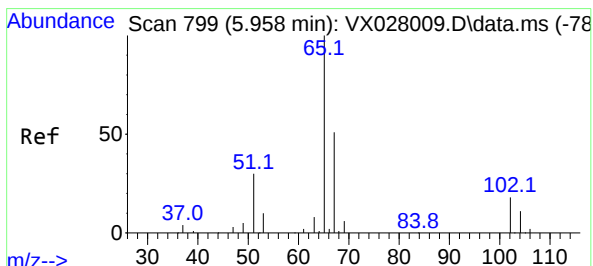
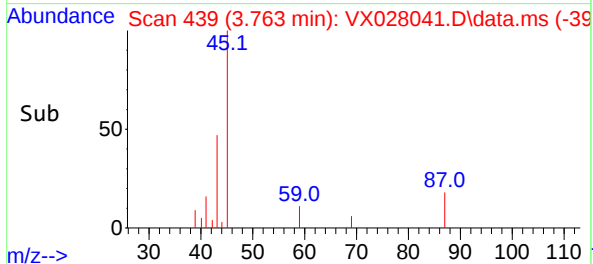
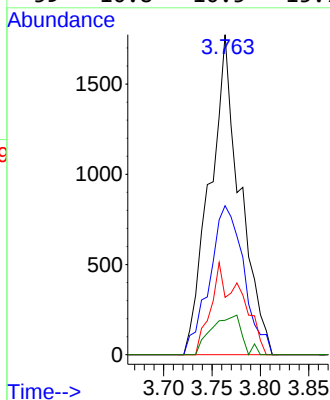
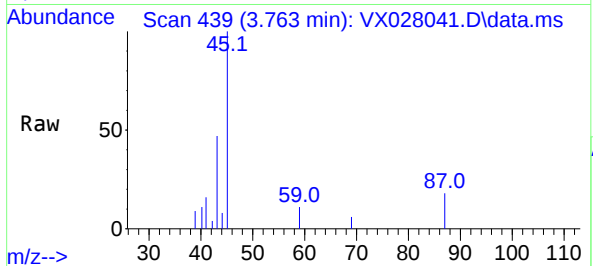


#22
Diisopropyl ether
Concen: 1.017 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

Instrument :
MSVOA_X
ClientSampleId :
DUP040522

Tgt Ion: 45 Resp: 3863

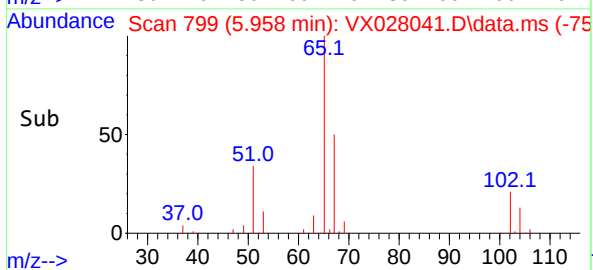
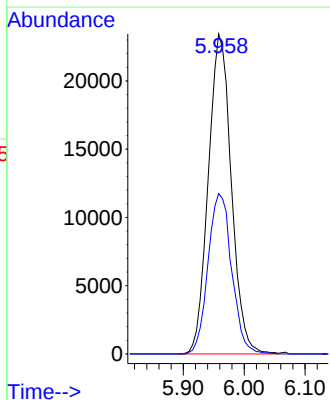
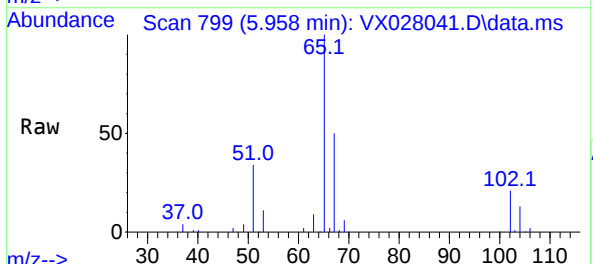
Ion	Ratio	Lower	Upper
45	100		
43	46.6	50.8	76.2#
87	17.9	26.6	39.8#
59	10.8	10.5	15.7

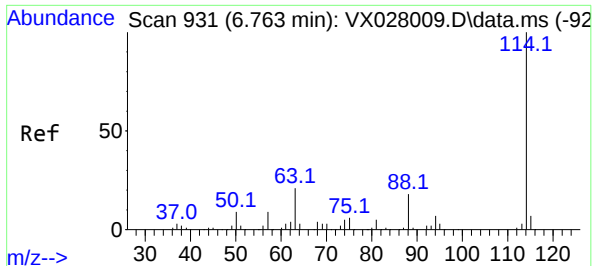


#33
1,2-Dichloroethane-d4
Concen: 39.393 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

Tgt Ion: 65 Resp: 61521

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	107.4

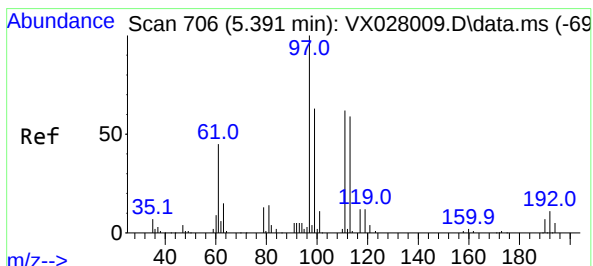
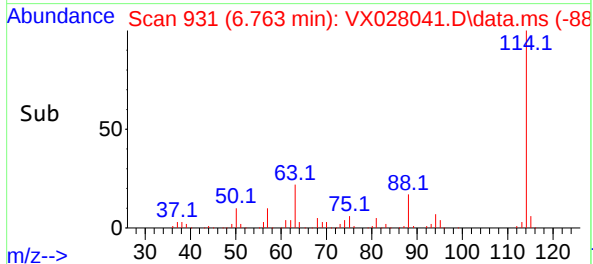
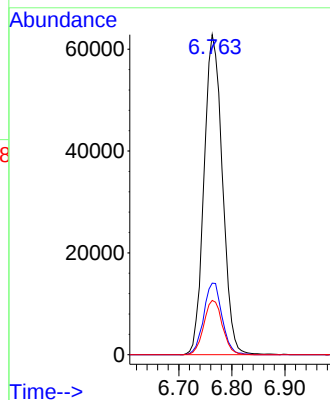
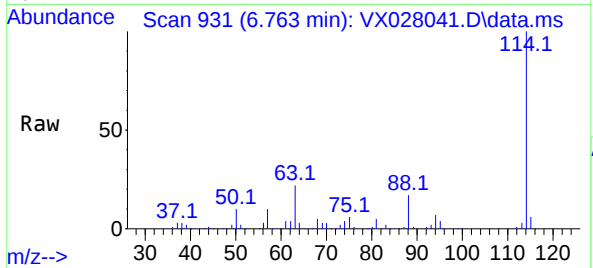




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

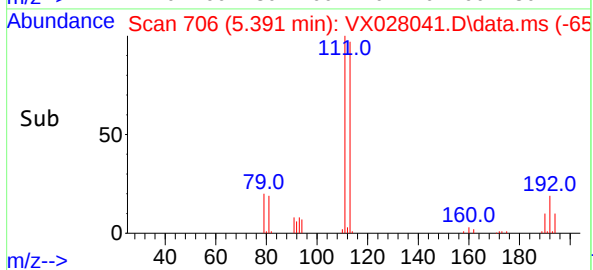
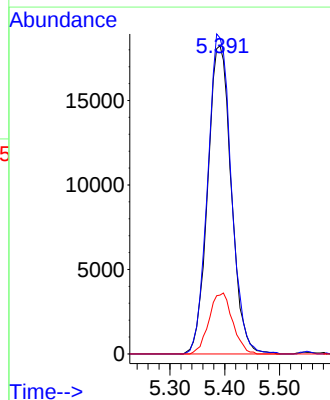
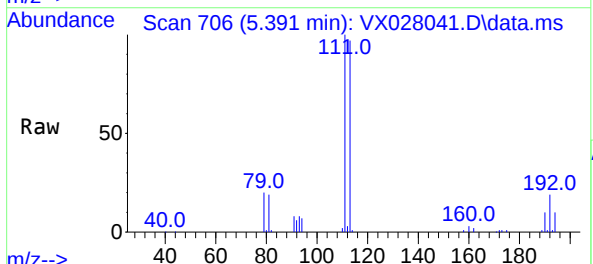
Instrument :
MSVOA_X
ClientSampleId :
DUP040522

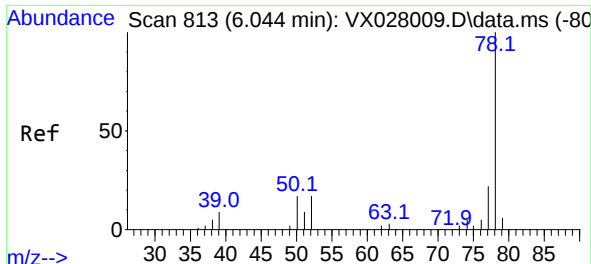
Tgt Ion:114 Resp: 151542
Ion Ratio Lower Upper
114 100
63 22.4 0.0 36.8
88 16.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.488 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

Tgt Ion:113 Resp: 54409
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 19.8 16.9 25.3

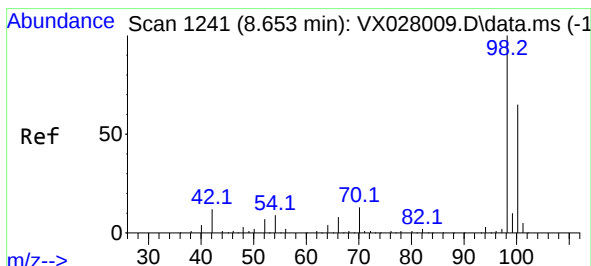
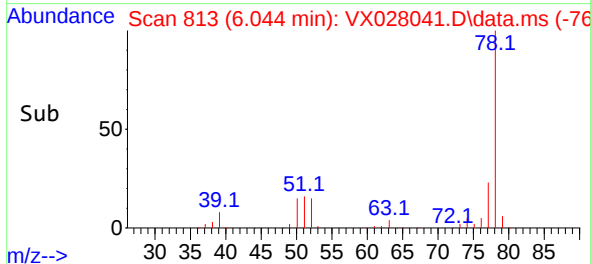
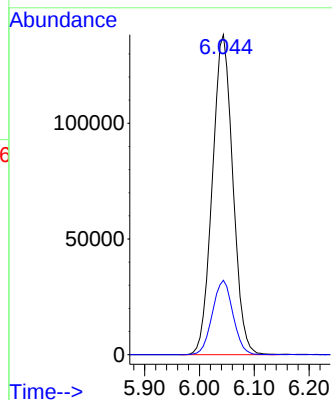
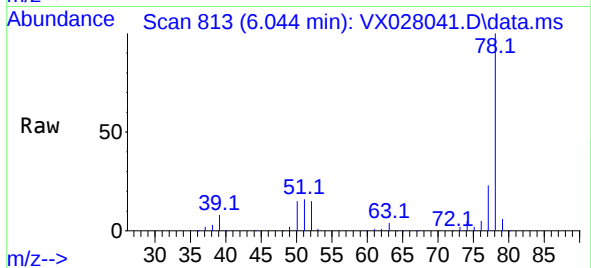




#40
Benzene
Concen: 86.044 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

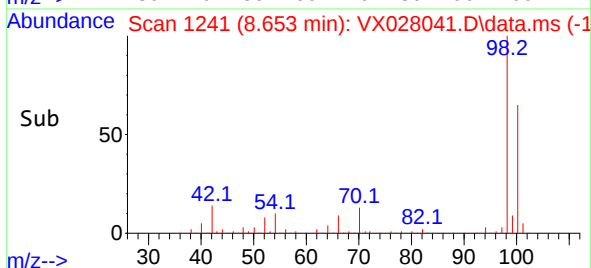
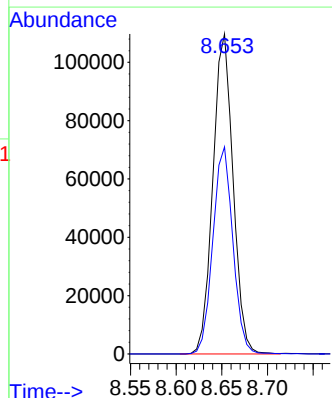
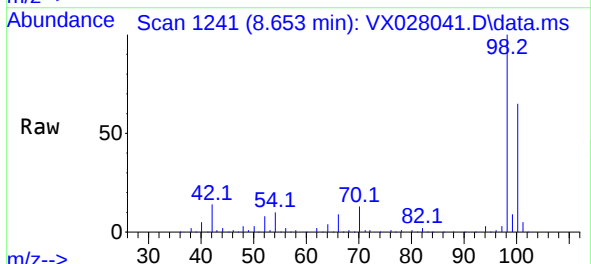
Instrument :
MSVOA_X
ClientSampleId :
DUP040522

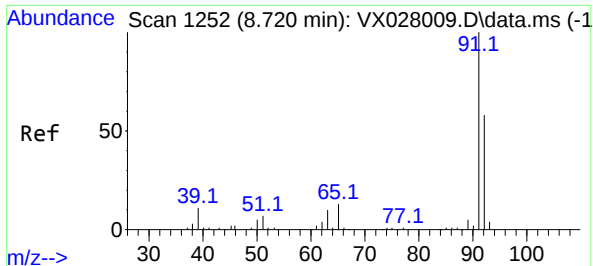
Tgt Ion: 78 Resp: 359294
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



#50
Toluene-d8
Concen: 46.478 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

Tgt Ion: 98 Resp: 168693
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

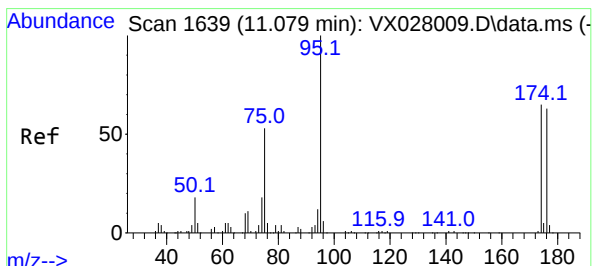
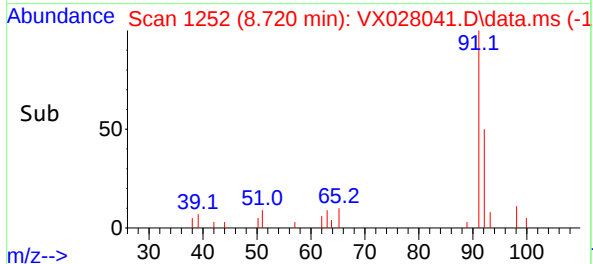
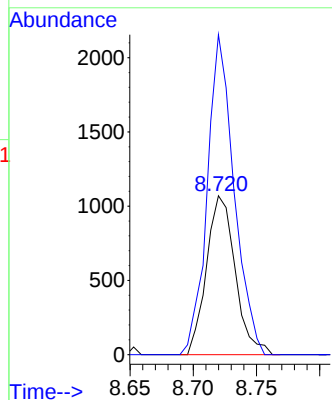
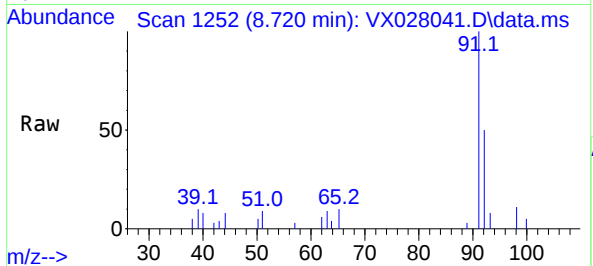




#52
Toluene
Concen: 0.631 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

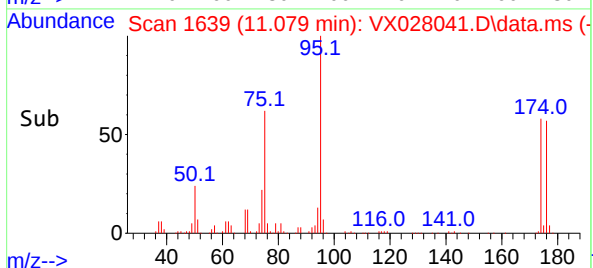
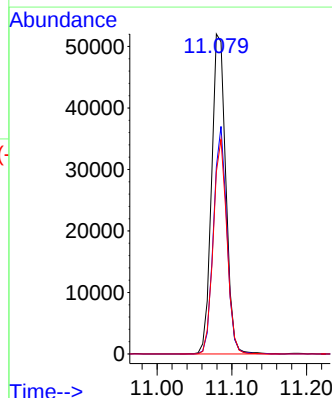
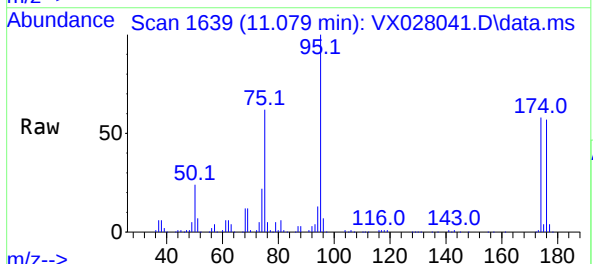
Instrument :
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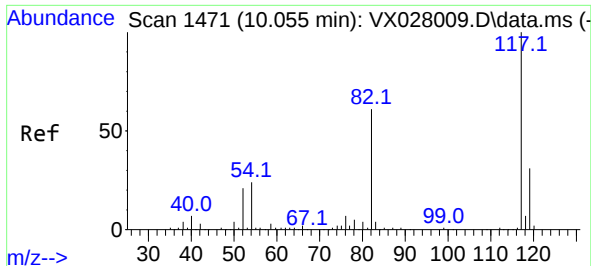
Tgt Ion: 92 Resp: 1691
Ion Ratio Lower Upper
92 100
91 188.2 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 44.484 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

Tgt Ion: 95 Resp: 68635
Ion Ratio Lower Upper
95 100
174 66.5 0.0 163.0
176 64.1 0.0 155.0

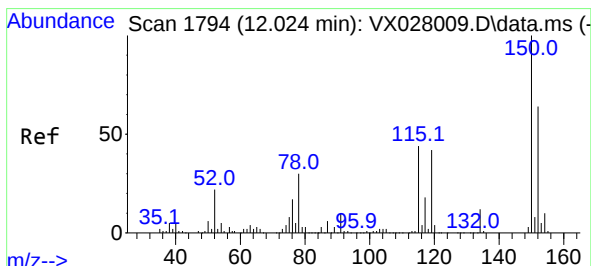
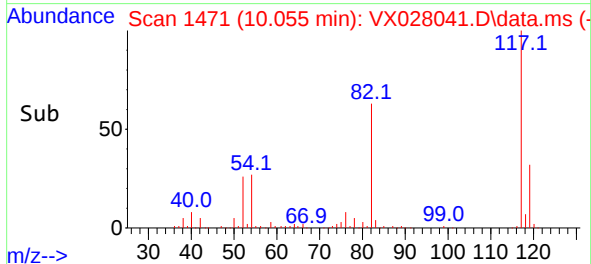
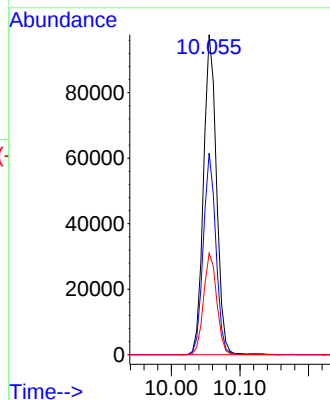
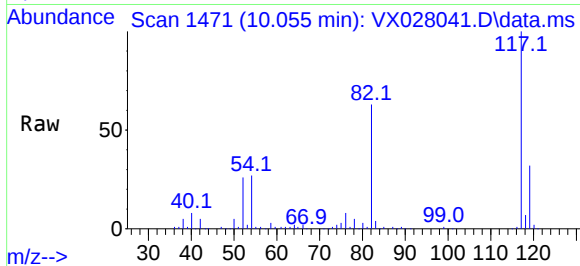




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

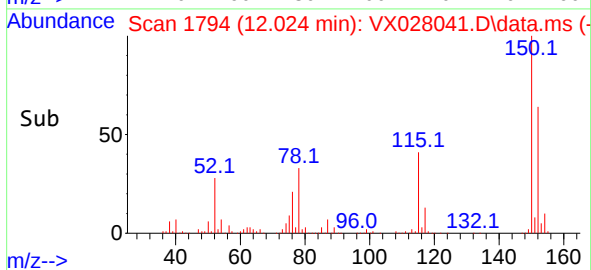
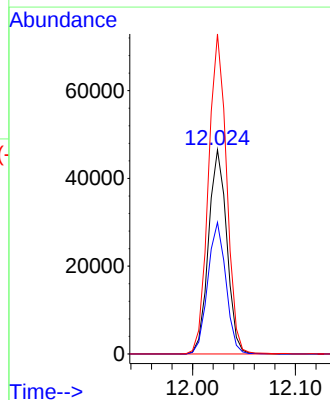
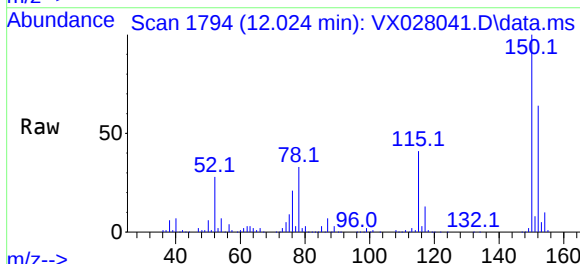
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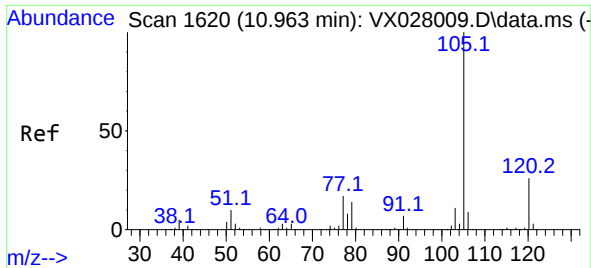
Tgt Ion:117 Resp: 128723
Ion Ratio Lower Upper
117 100
82 63.0 41.8 62.8#
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

Tgt Ion:152 Resp: 57420
Ion Ratio Lower Upper
152 100
115 64.2 37.5 112.7
150 156.1 0.0 338.2

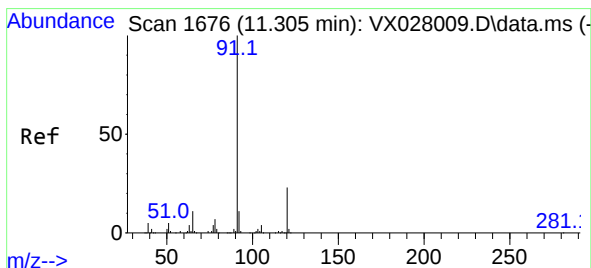
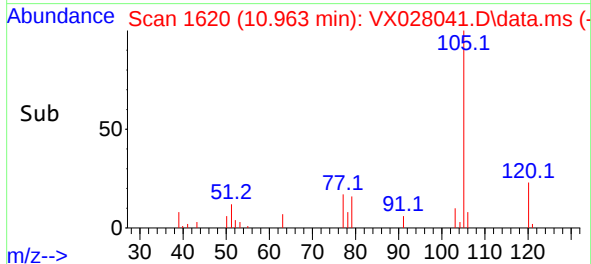
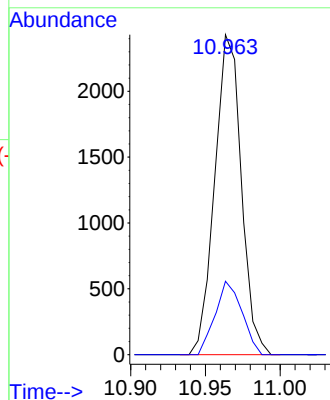
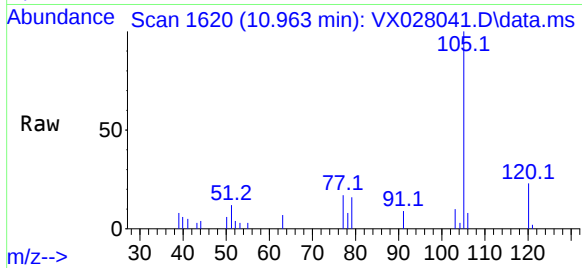




#73
Isopropylbenzene
Concen: 0.674 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:105 Resp: 3000
Ion Ratio Lower Upper
105 100
120 23.1 13.5 40.5



#78
n-propylbenzene
Concen: 0.807 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028041.D
Acq: 08 Apr 2022 20:37

Tgt Ion: 91 Resp: 4284
Ion Ratio Lower Upper
91 100
120 20.7 11.6 34.8

