

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025845.D
 Acq On : 16 Dec 2021 04:23
 Operator : JC/MD
 Sample : M5084-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C8

Quant Time: Dec 16 07:36:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

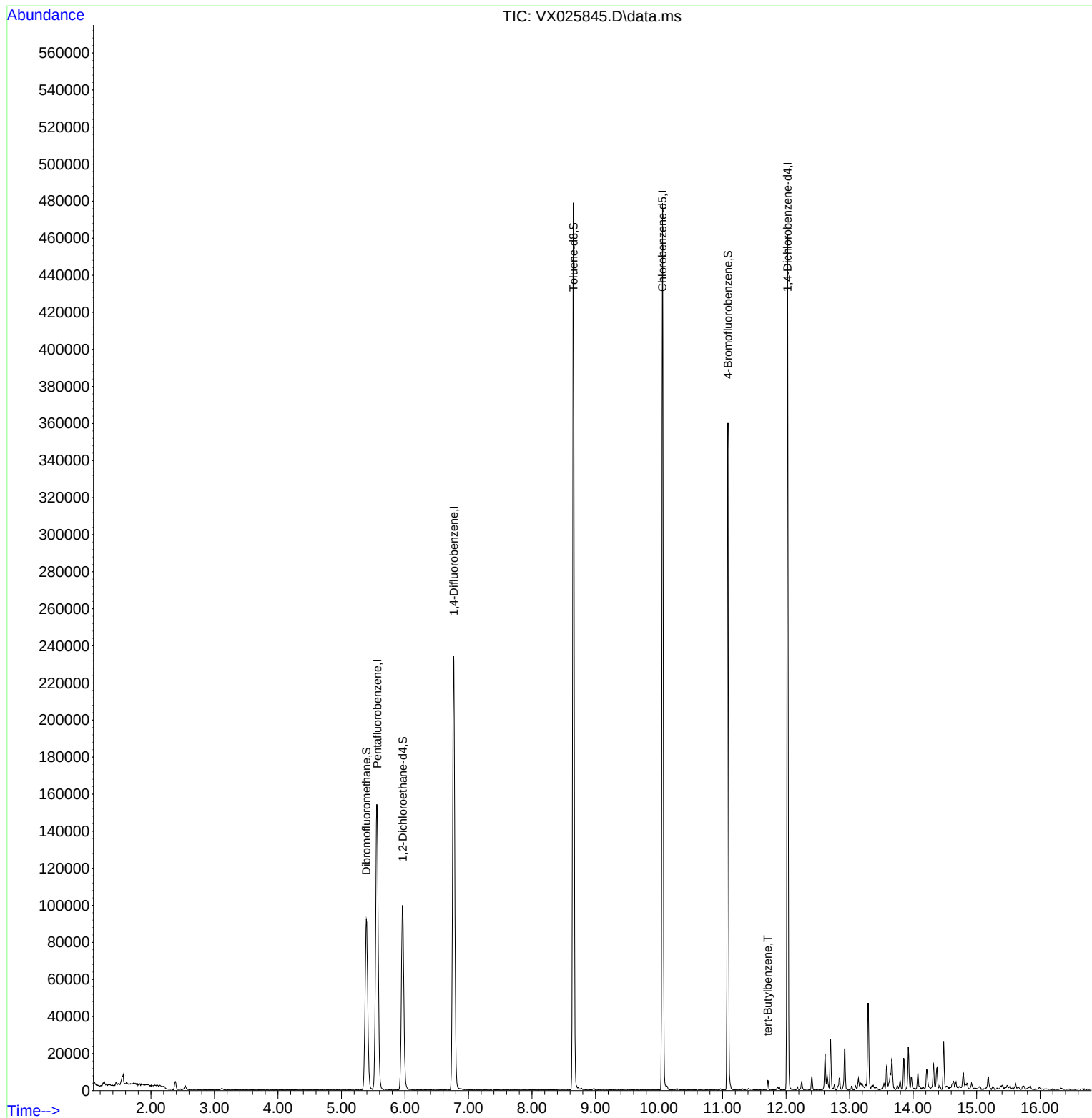
Internal Standards						
1) Pentafluorobenzene	5.562	168	146238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95685	45.475	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.960%
35) Dibromofluoromethane	5.391	113	79634	46.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	8.653	98	286378	45.749	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.500%#
62) 4-Bromofluorobenzene	11.085	95	98911	41.596	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.200%
Target Compounds						
83) tert-Butylbenzene	11.713	119	1945	0.361	ug/l	Qvalue 86

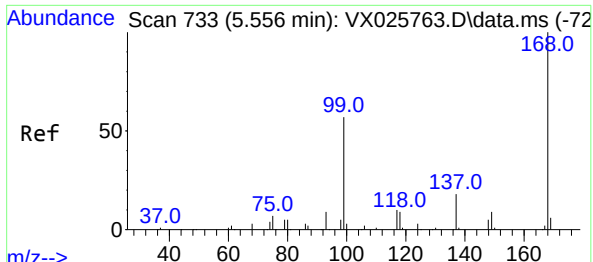
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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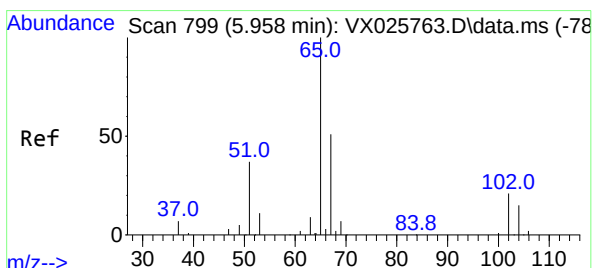
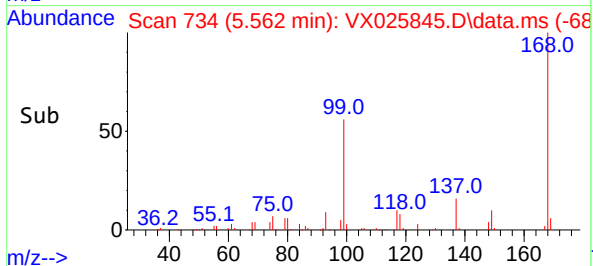
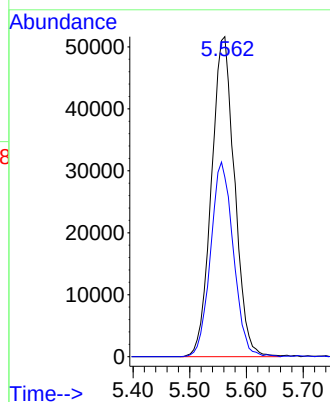
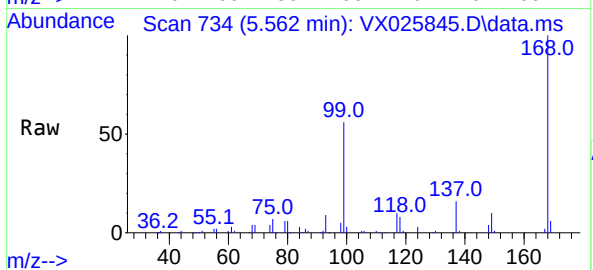




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025845.D
Acq: 16 Dec 2021 04:23

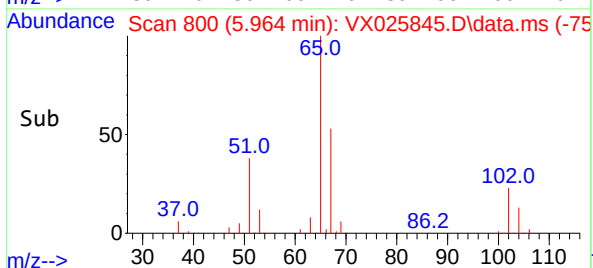
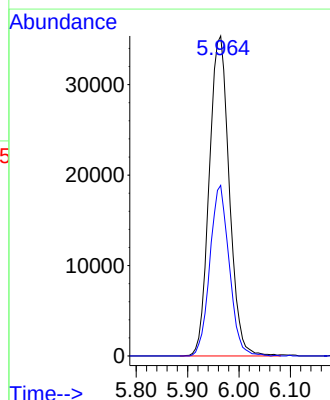
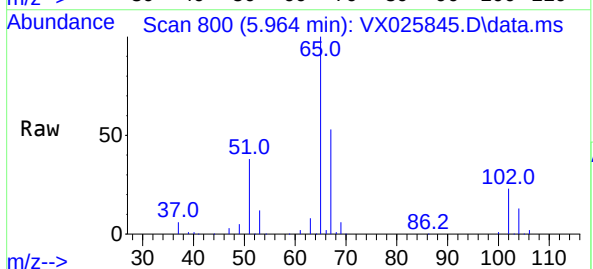
Instrument :
MSVOA_X
ClientSampleId :
C8

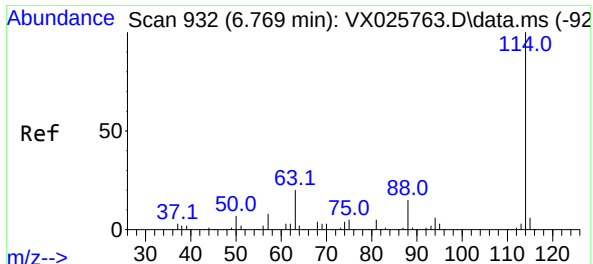
Tgt Ion:168 Resp: 146238
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.8



#33
1,2-Dichloroethane-d4
Concen: 45.475 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025845.D
Acq: 16 Dec 2021 04:23

Tgt Ion: 65 Resp: 95685
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

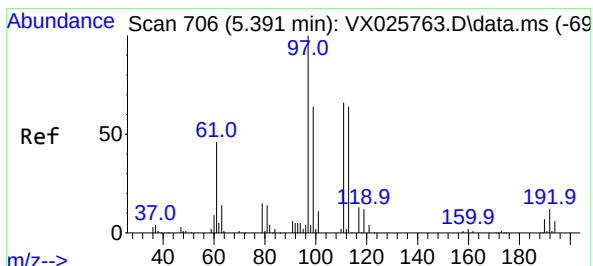
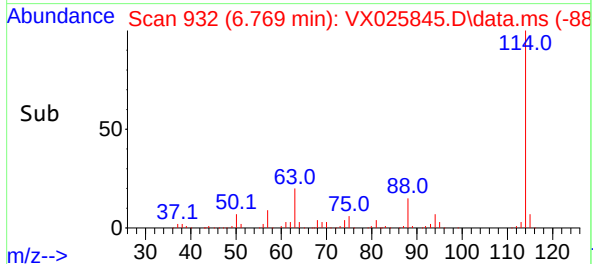
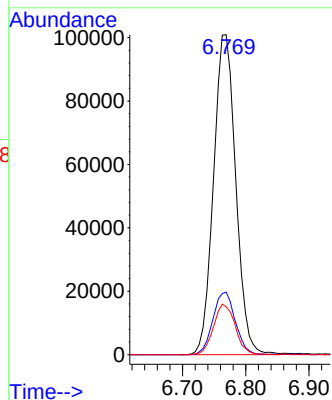
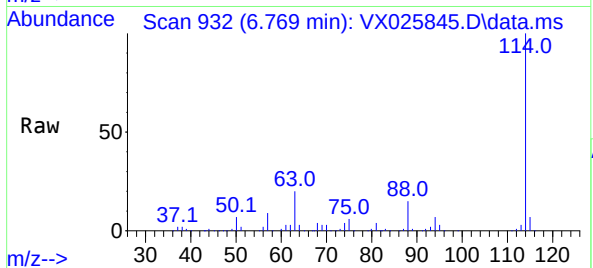




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025845.D
Acq: 16 Dec 2021 04:23

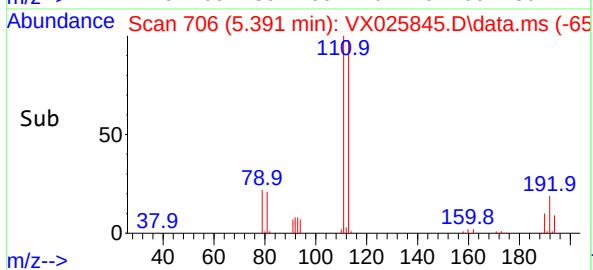
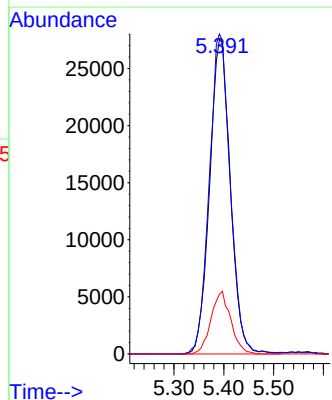
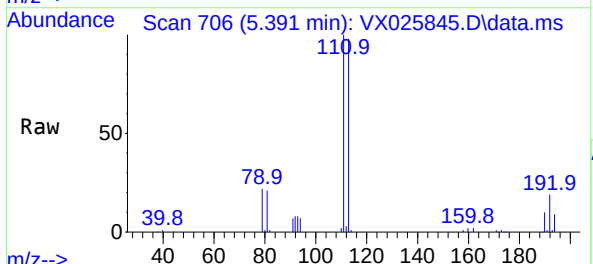
Instrument :
MSVOA_X
ClientSampleId :
C8

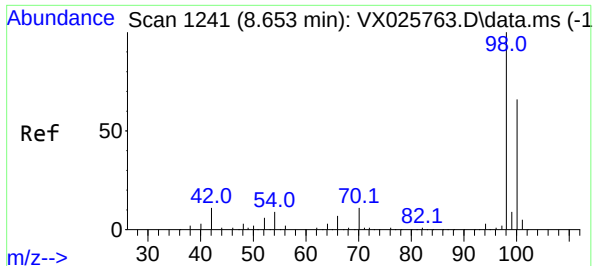
Tgt Ion:114 Resp: 246350
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.351 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025845.D
Acq: 16 Dec 2021 04:23

Tgt Ion:113 Resp: 79634
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 18.9 15.0 22.4

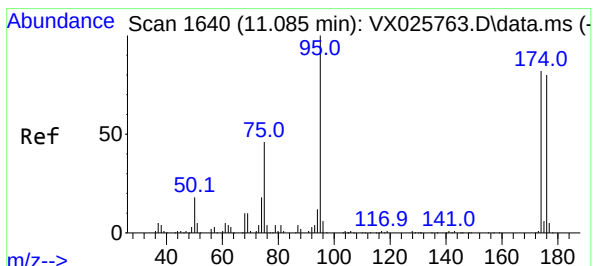
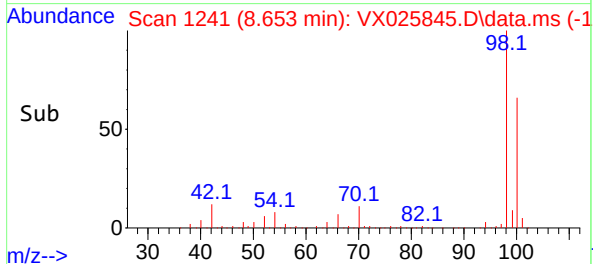
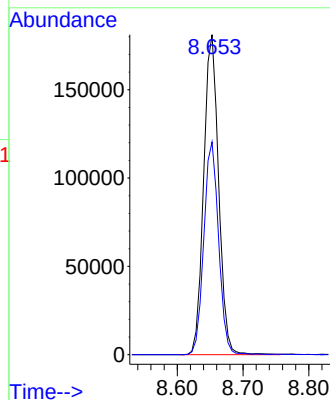
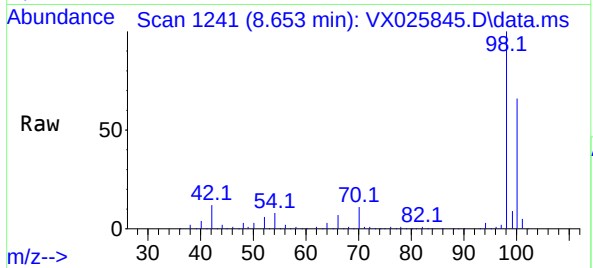




#50
Toluene-d8
Concen: 45.749 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025845.D
Acq: 16 Dec 2021 04:23

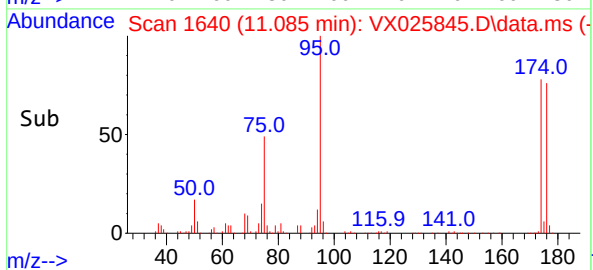
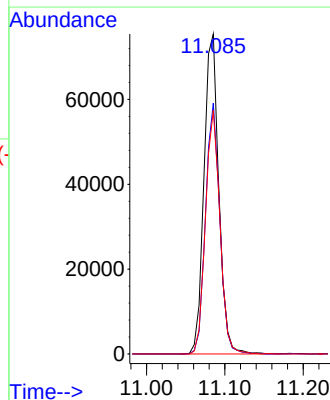
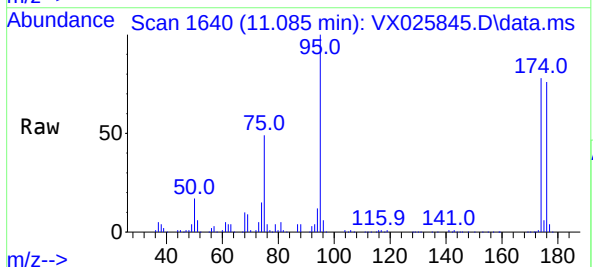
Instrument :
MSVOA_X
ClientSampleId :
C8

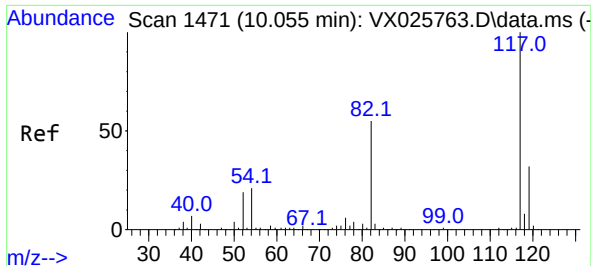
Tgt Ion: 98 Resp: 286378
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 41.596 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025845.D
Acq: 16 Dec 2021 04:23

Tgt Ion: 95 Resp: 98911
Ion Ratio Lower Upper
95 100
174 75.3 0.0 157.4
176 74.3 0.0 154.6

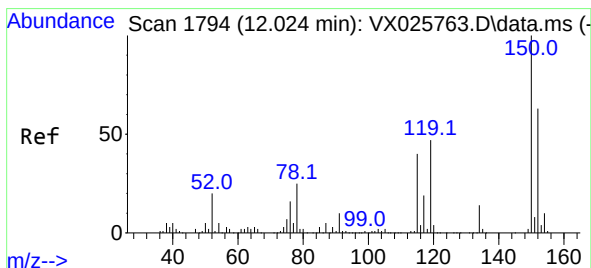
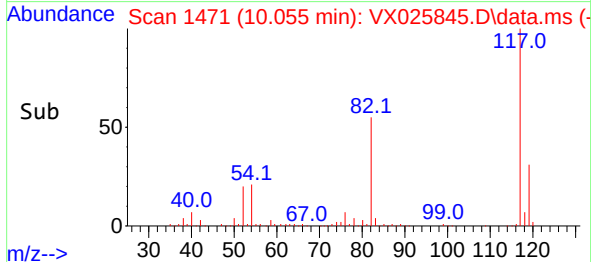
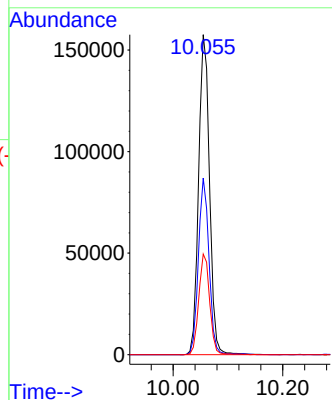
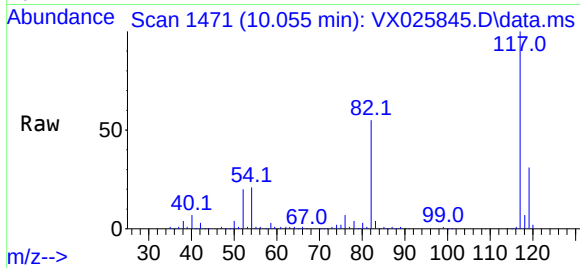




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025845.D
Acq: 16 Dec 2021 04:23

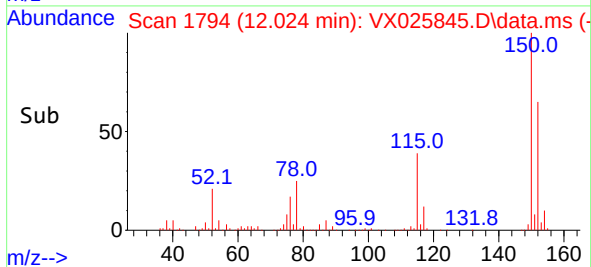
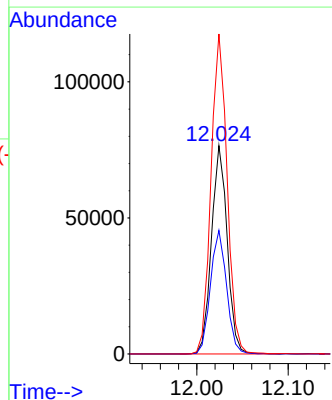
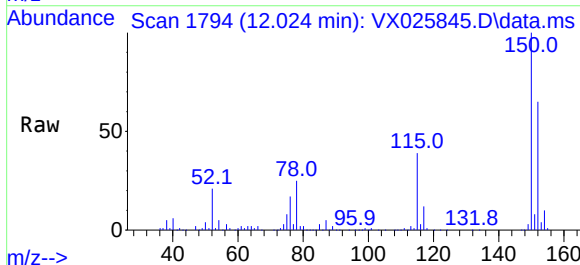
Instrument :
MSVOA_X
ClientSampleId :
C8

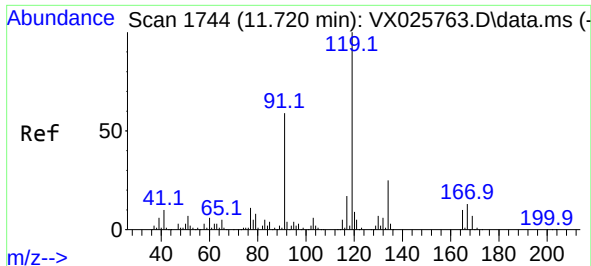
Tgt Ion:117 Resp: 218736
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.6
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025845.D
Acq: 16 Dec 2021 04:23

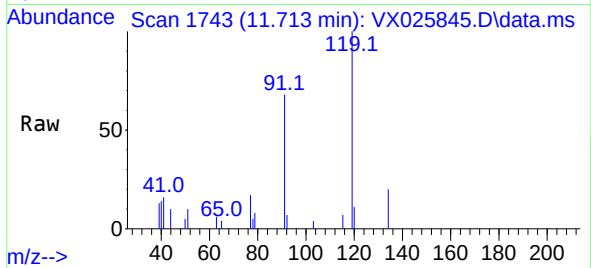
Tgt Ion:152 Resp: 91386
Ion Ratio Lower Upper
152 100
115 60.9 41.3 123.9
150 156.7 0.0 351.8





#83
 tert-Butylbenzene
 Concen: 0.361 ug/l
 RT: 11.713 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX025845.D
 Acq: 16 Dec 2021 04:23

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:	119	Resp:	1945
Ion	Ratio	Lower	Upper
119	100		
91	70.1	28.7	86.1
134	26.3	11.9	35.9

