

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048092.D
 Acq On : 09 Oct 2025 17:05
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:28:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

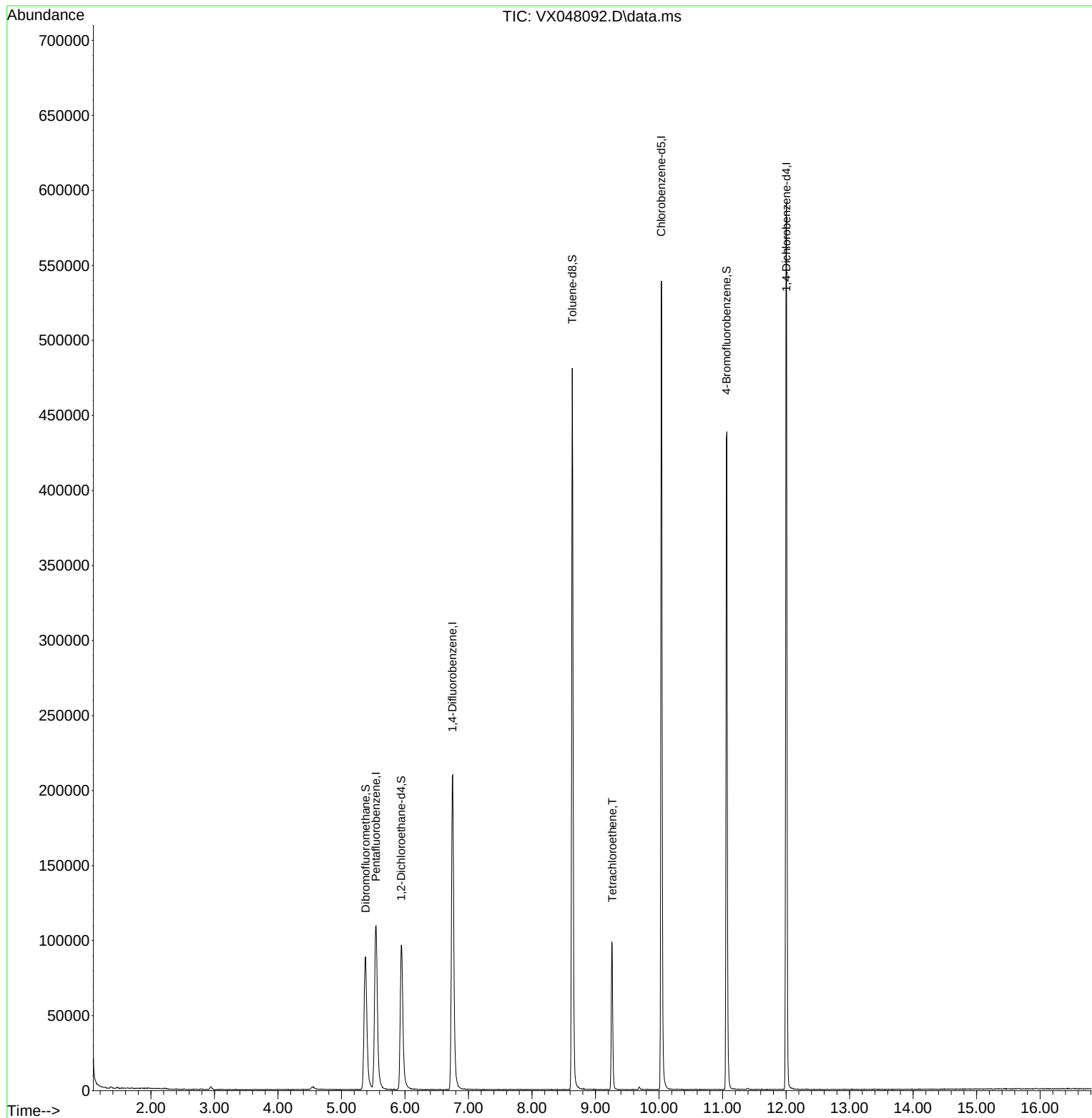
Internal Standards						
1) Pentafluorobenzene	5.544	168	111442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	227134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	249801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108096	60.938	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 121.880%#	
35) Dibromofluoromethane	5.379	113	86647	56.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.760%	
50) Toluene-d8	8.635	98	288693	54.771	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	11.061	95	129484	64.729	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 129.460%#	
Target Compounds						
64) Tetrachloroethene	9.262	164	18698	11.482	ug/l	Qvalue 99

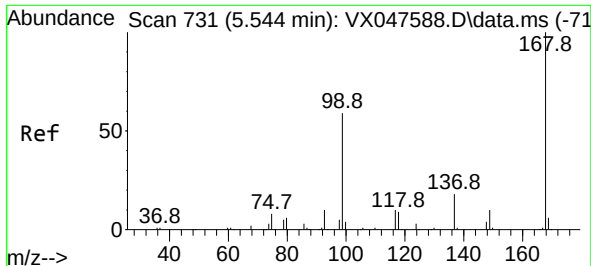
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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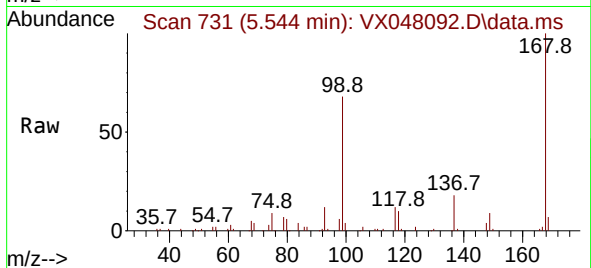
Quant Time: Oct 10 01:28:12 2025
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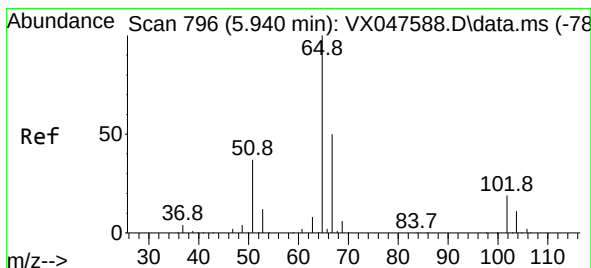
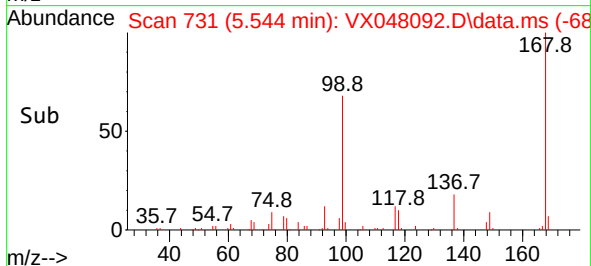
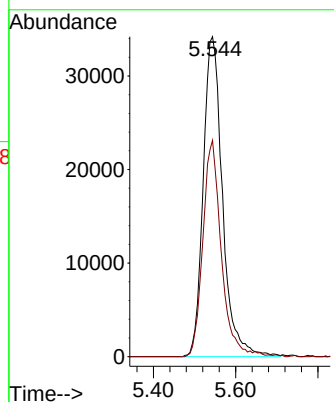


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048092.D
Acq: 09 Oct 2025 17:05

Instrument :
MSVOA_X
ClientSampleId :
IBLK

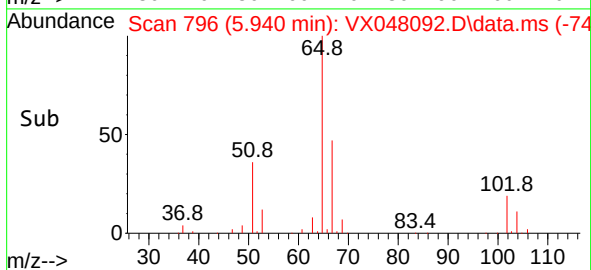
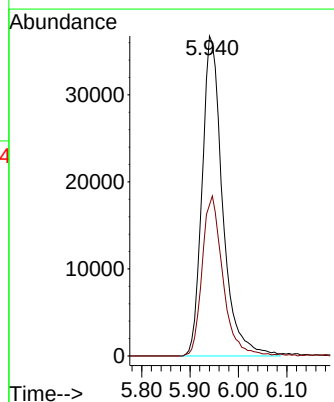
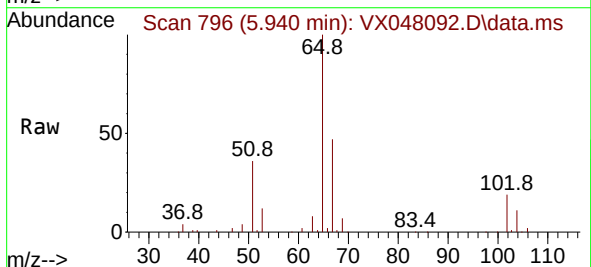


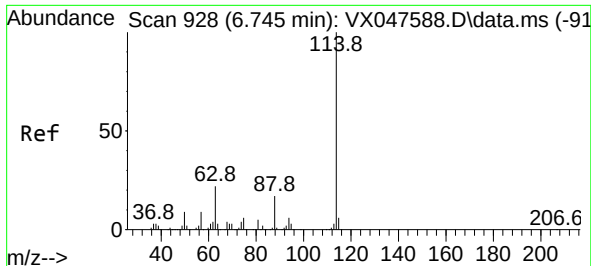
Tgt Ion:168 Resp: 111442
Ion Ratio Lower Upper
168 100
99 67.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 60.938 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048092.D
Acq: 09 Oct 2025 17:05

Tgt Ion: 65 Resp: 108096
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

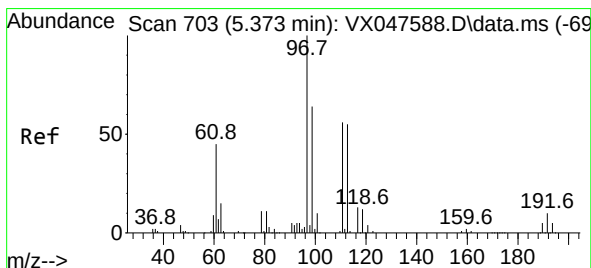
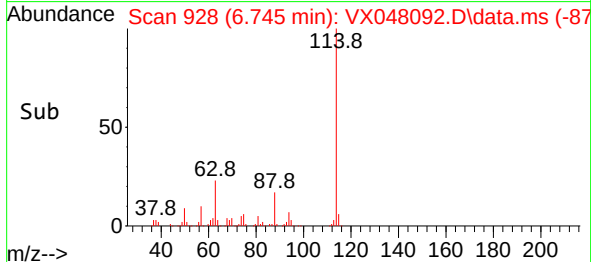
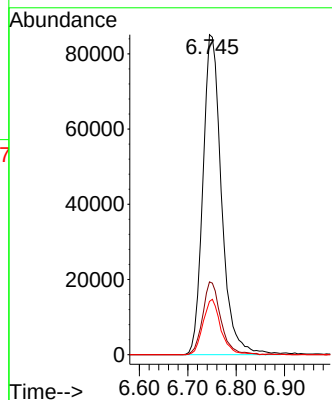
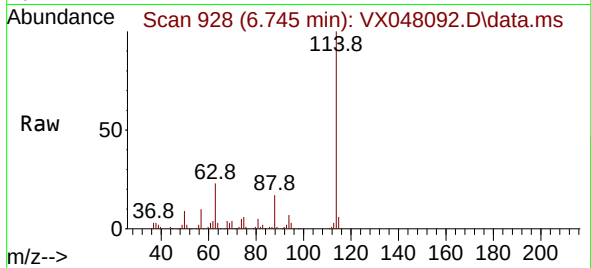




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048092.D
Acq: 09 Oct 2025 17:05

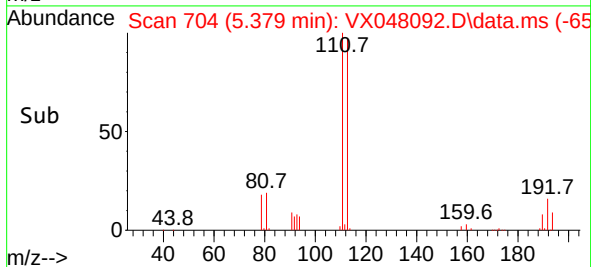
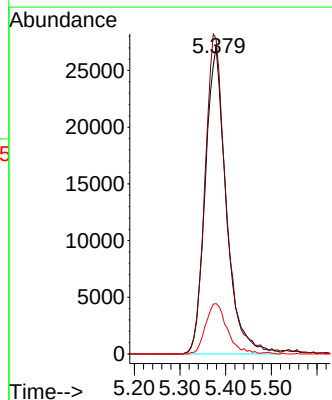
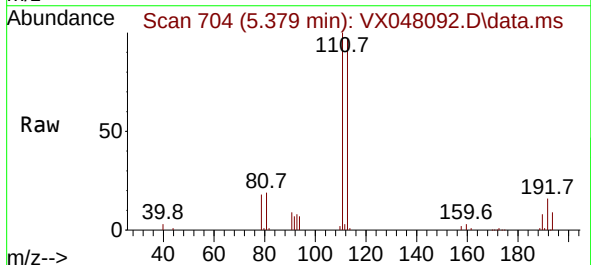
Instrument :
MSVOA_X
ClientSampleId :
IBLK

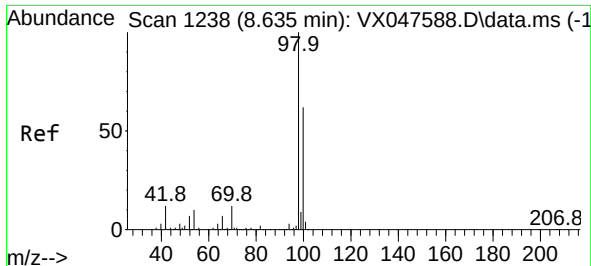
Tgt Ion:114 Resp: 227134
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 56.882 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048092.D
Acq: 09 Oct 2025 17:05

Tgt Ion:113 Resp: 86647
Ion Ratio Lower Upper
113 100
111 103.8 80.9 121.3
192 16.9 14.2 21.4

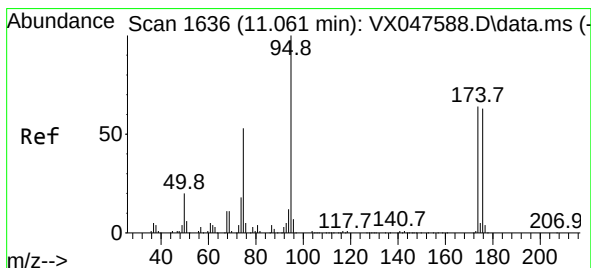
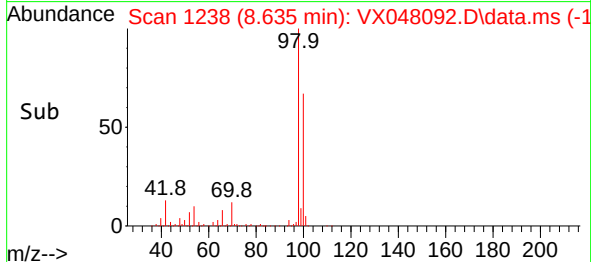
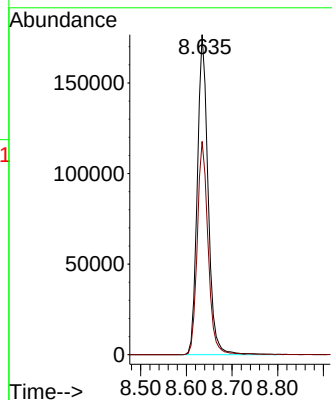
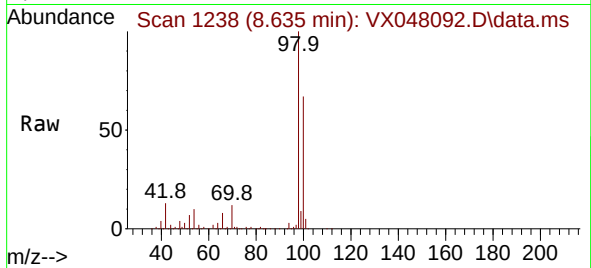




#50
Toluene-d8
Concen: 54.771 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048092.D
Acq: 09 Oct 2025 17:05

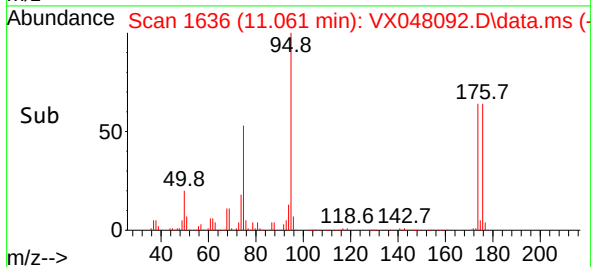
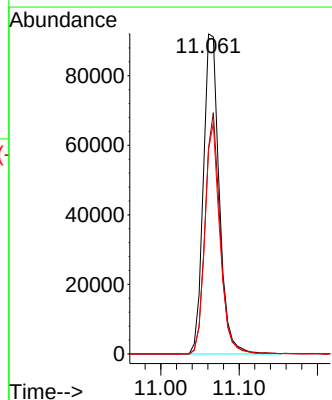
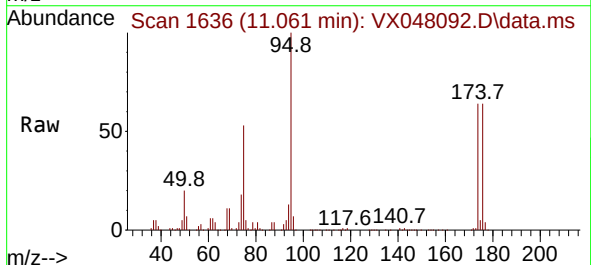
Instrument :
MSVOA_X
ClientSampleId :
IBLK

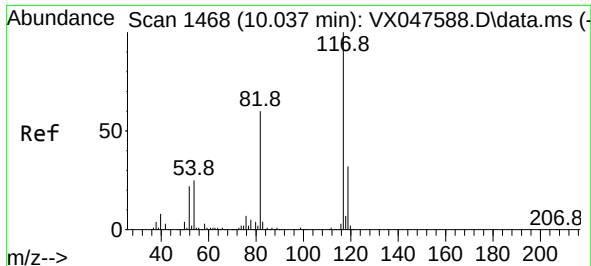
Tgt Ion: 98 Resp: 288693
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 64.729 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048092.D
Acq: 09 Oct 2025 17:05

Tgt Ion: 95 Resp: 129484
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.6
176 68.5 0.0 138.4

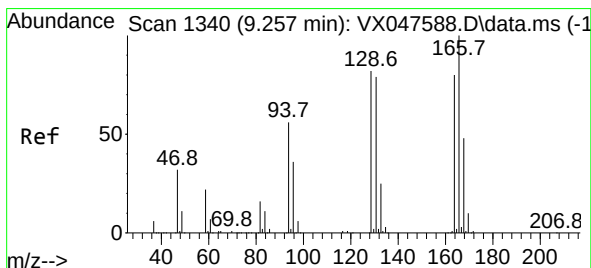
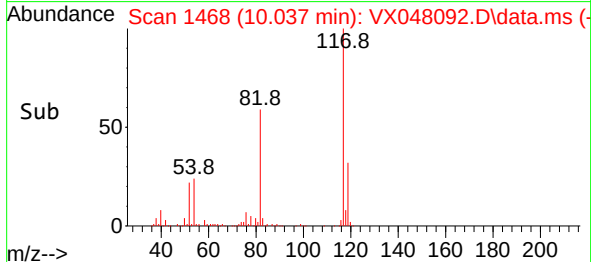
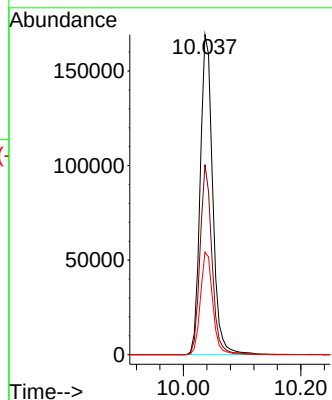
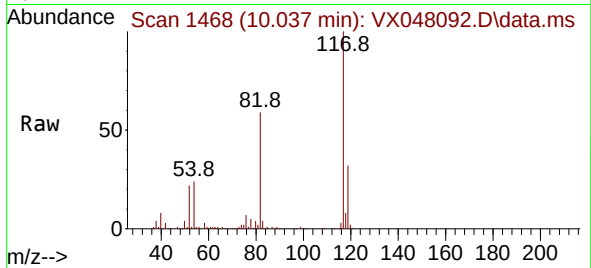




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048092.D
Acq: 09 Oct 2025 17:05

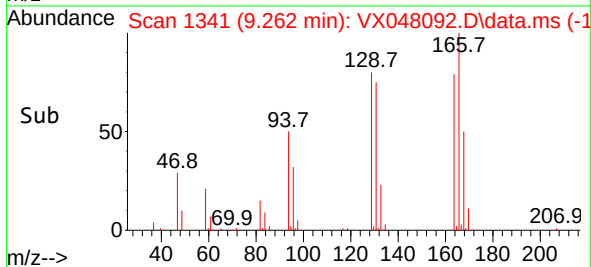
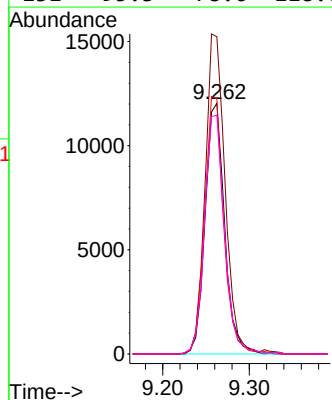
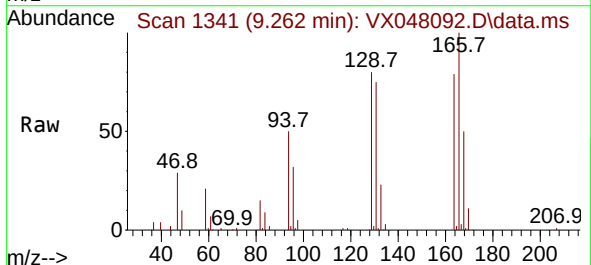
Instrument :
MSVOA_X
ClientSampleId :
IBLK

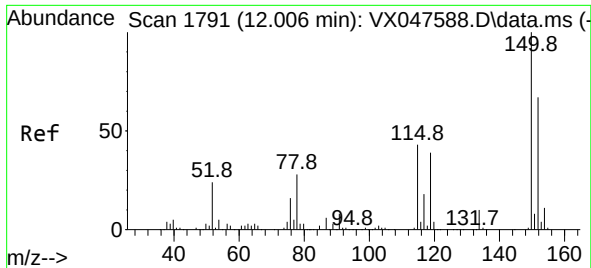
Tgt Ion:	117	Resp:	249801
Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.8	71.6
119	32.1	25.2	37.8



#64
Tetrachloroethene
Concen: 11.482 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048092.D
Acq: 09 Oct 2025 17:05

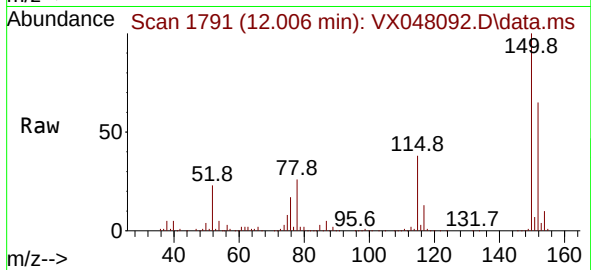
Tgt Ion:	164	Resp:	18698
Ion	Ratio	Lower	Upper
164	100		
166	126.7	100.2	150.2
129	101.9	81.8	122.6
131	95.3	78.6	118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048092.D
 Acq: 09 Oct 2025 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 128251
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.9 134.5
 150 156.1 0.0 352.0

