

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047624.D
 Acq On : 17 Sep 2025 17:16
 Operator : JC/MD
 Sample : Q3095-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-20250910

Quant Time: Sep 18 02:07:43 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)

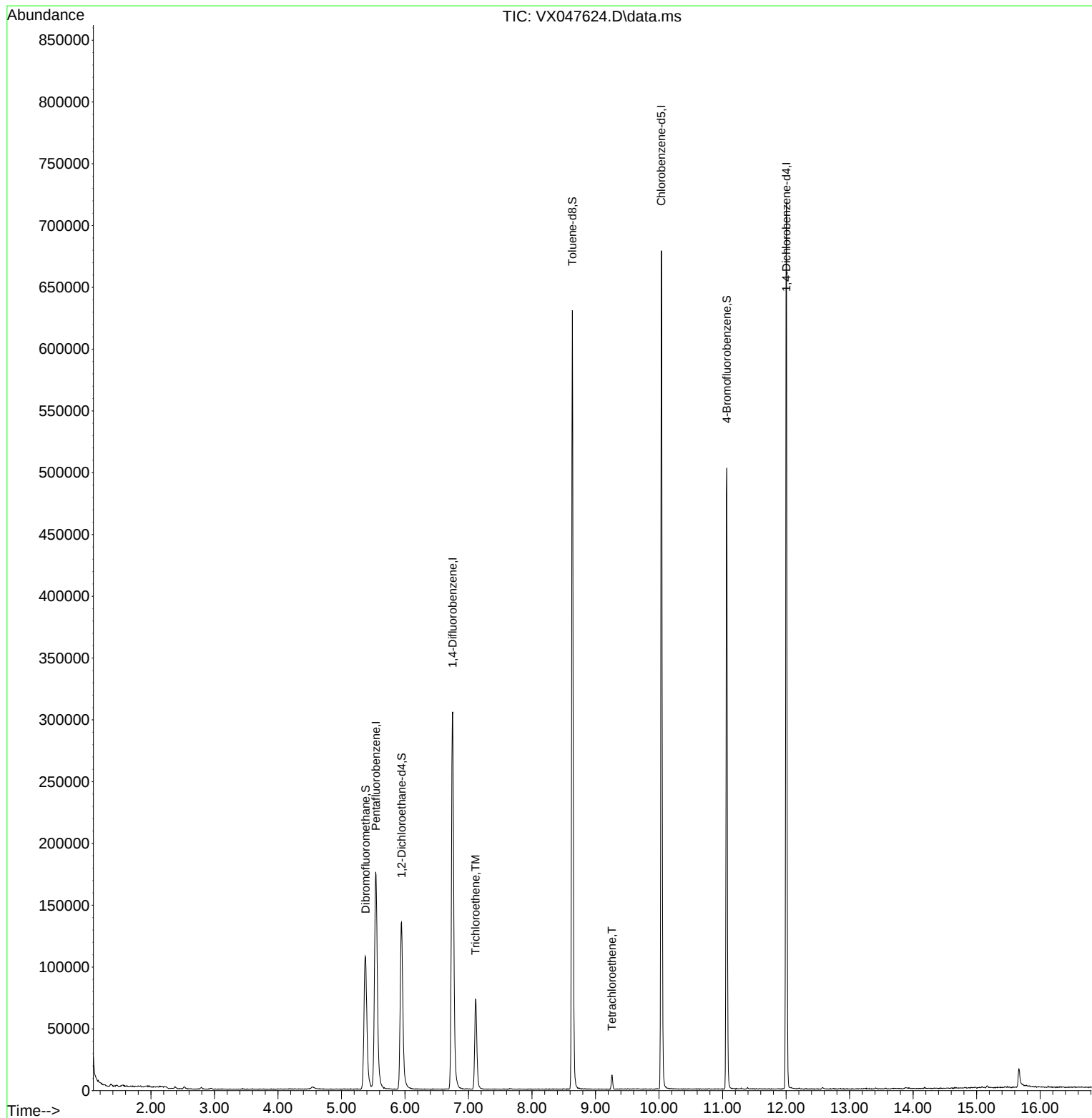
Internal Standards						
1) Pentafluorobenzene	5.543	168	178815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	331711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	303773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	146658	51.526	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.060%
35) Dibromofluoromethane	5.379	113	108715	48.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	8.634	98	374888	48.701	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.067	95	144718	49.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.080%
Target Compounds						
44) Trichloroethene	7.110	130	30850	12.924	ug/l	99
64) Tetrachloroethene	9.256	164	2234	1.128	ug/l	93

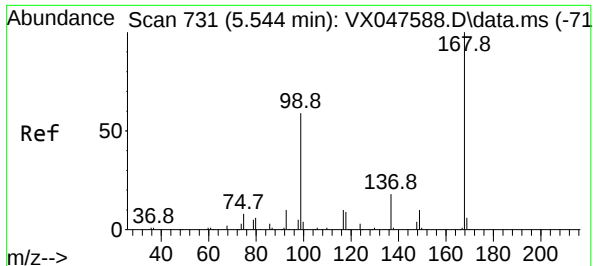
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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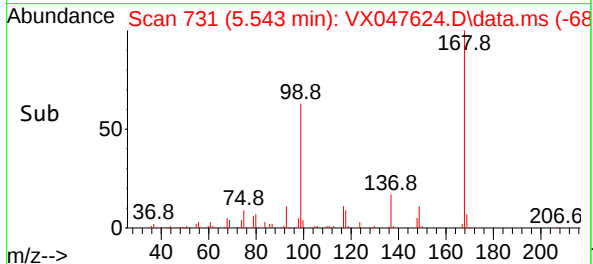
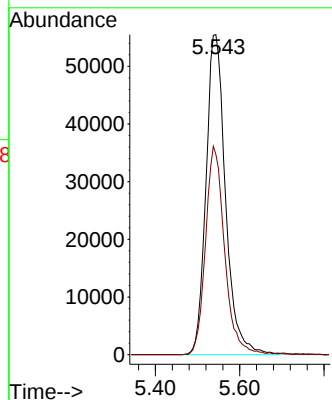
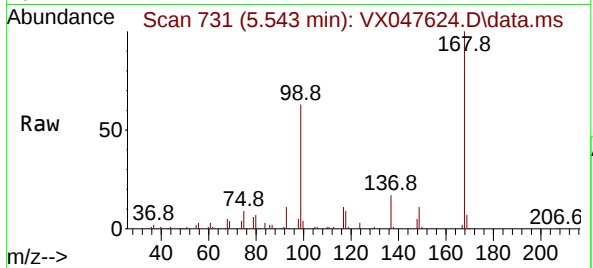




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047624.D
Acq: 17 Sep 2025 17:16

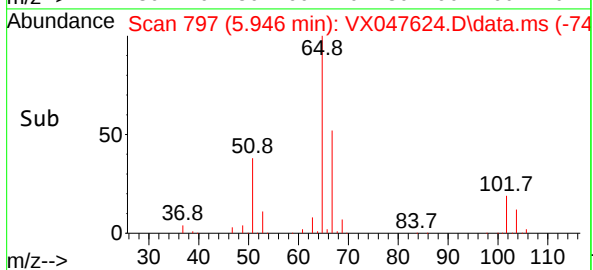
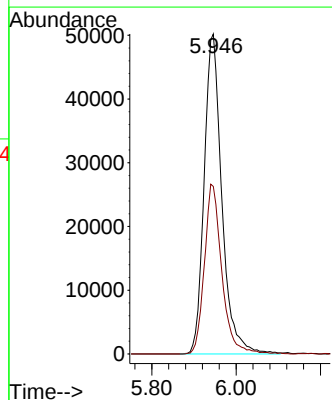
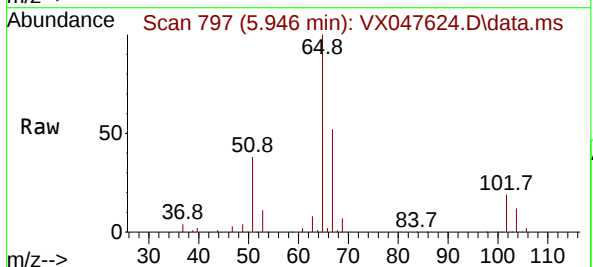
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20250910

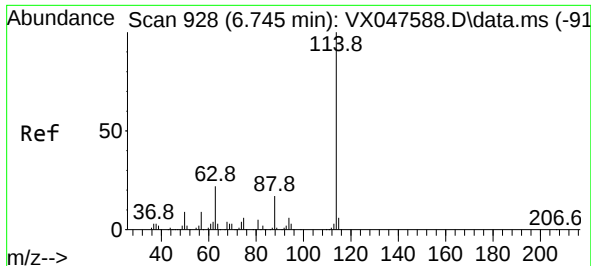
Tgt Ion:168 Resp: 178815
Ion Ratio Lower Upper
168 100
99 62.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.526 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047624.D
Acq: 17 Sep 2025 17:16

Tgt Ion: 65 Resp: 146658
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

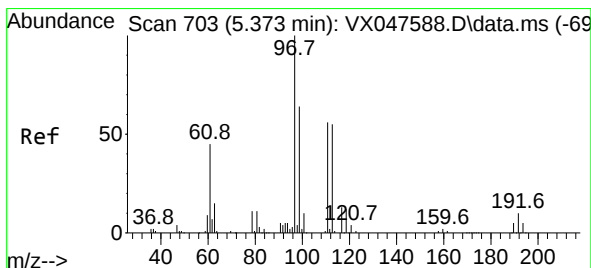
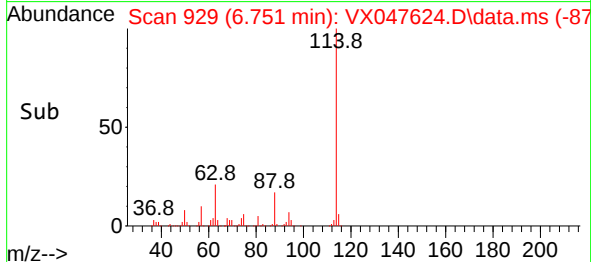
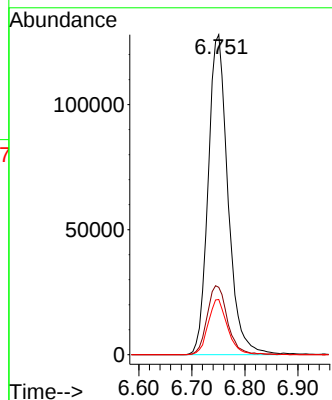
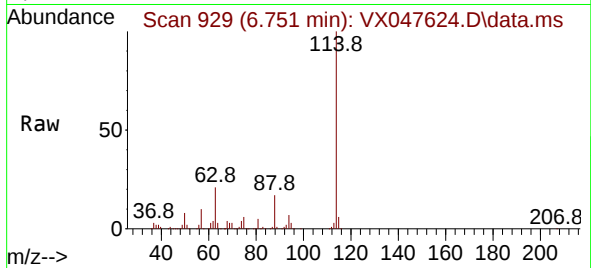




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047624.D
Acq: 17 Sep 2025 17:16

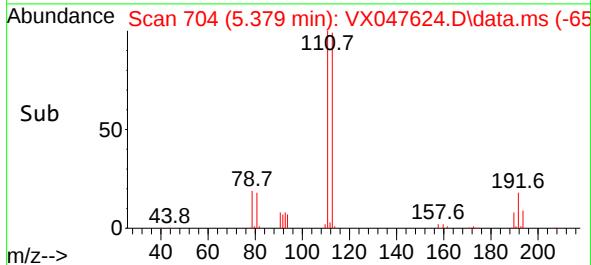
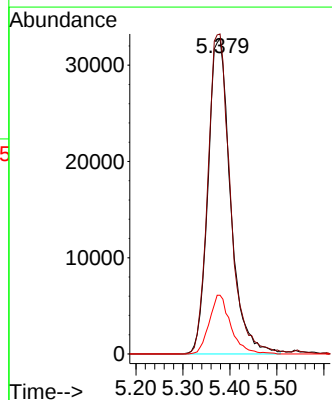
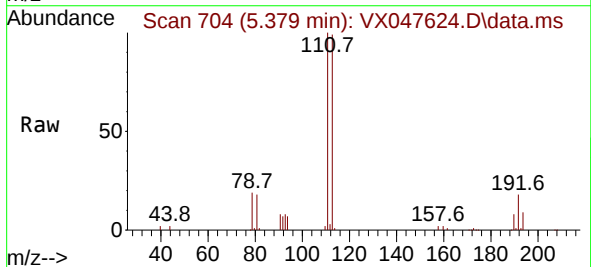
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20250910

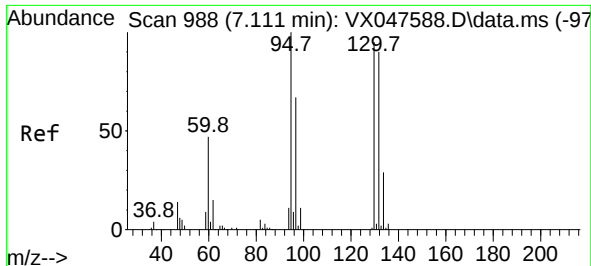
Tgt Ion:114 Resp: 331711
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.0
88 17.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.869 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047624.D
Acq: 17 Sep 2025 17:16

Tgt Ion:113 Resp: 108715
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 17.9 14.2 21.4

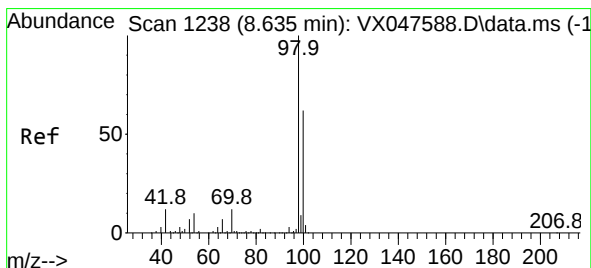
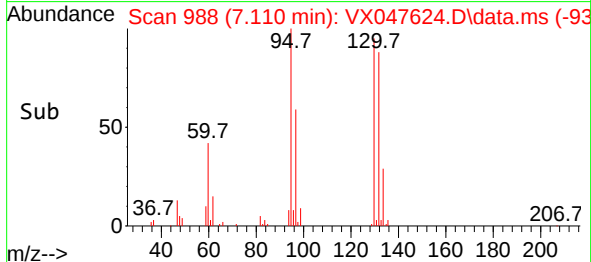
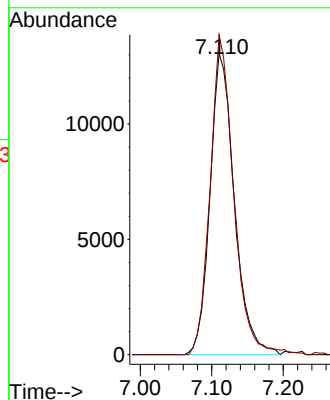
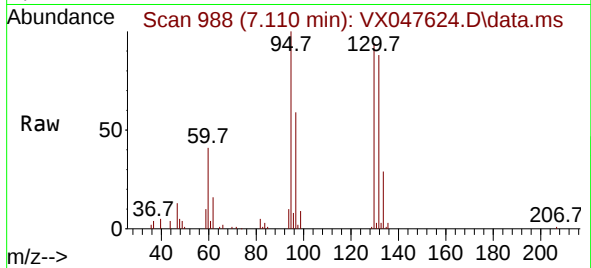




#44
Trichloroethene
Concen: 12.924 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047624.D
Acq: 17 Sep 2025 17:16

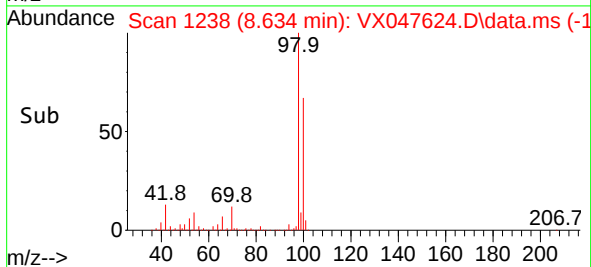
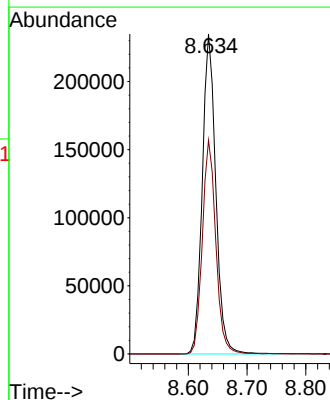
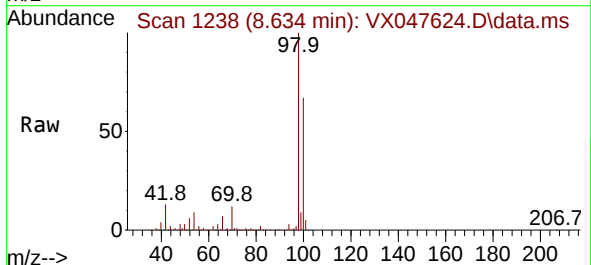
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20250910

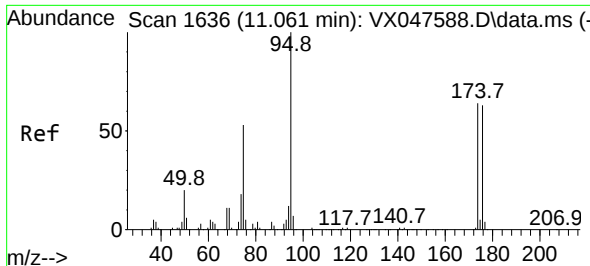
Tgt Ion:130 Resp: 30850
Ion Ratio Lower Upper
130 100
95 106.2 0.0 210.8



#50
Toluene-d8
Concen: 48.701 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047624.D
Acq: 17 Sep 2025 17:16

Tgt Ion: 98 Resp: 374888
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

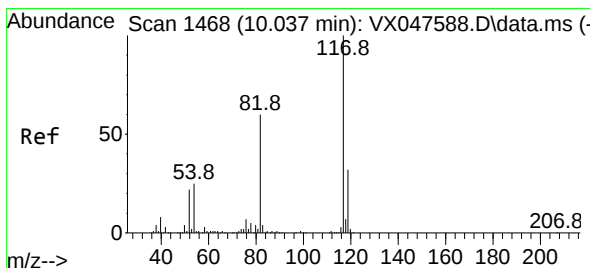
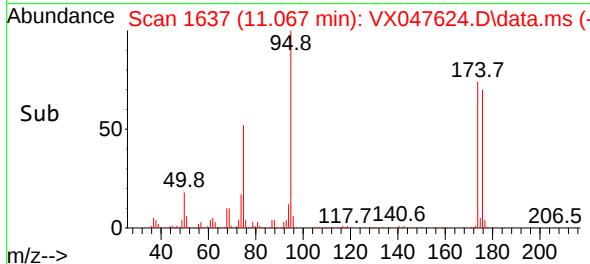
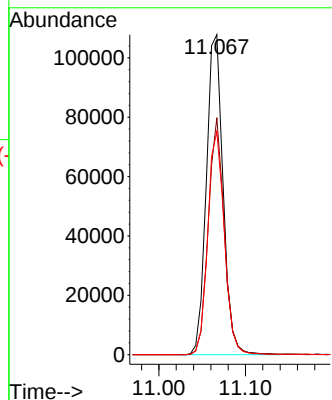
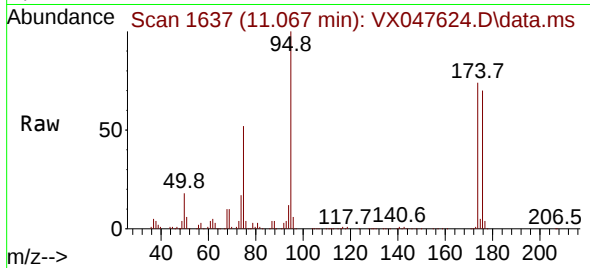




#62
4-Bromofluorobenzene
Concen: 49.537 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047624.D
Acq: 17 Sep 2025 17:16

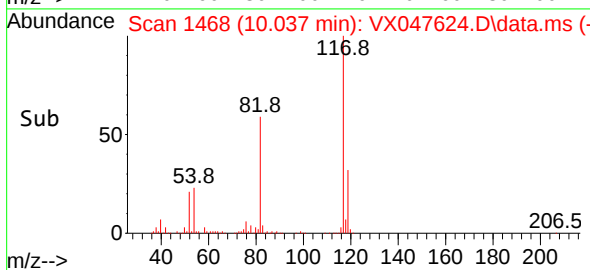
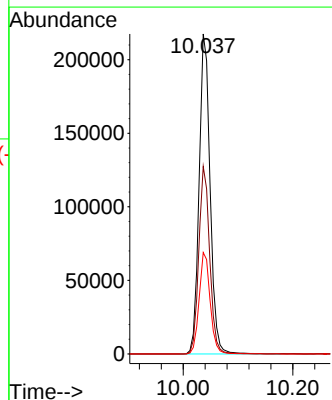
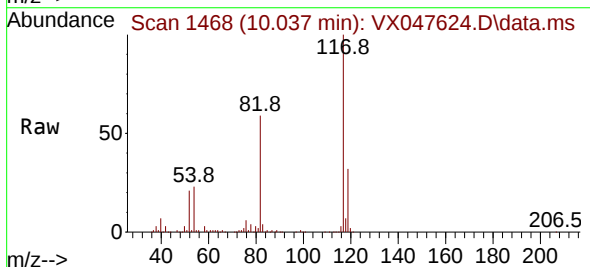
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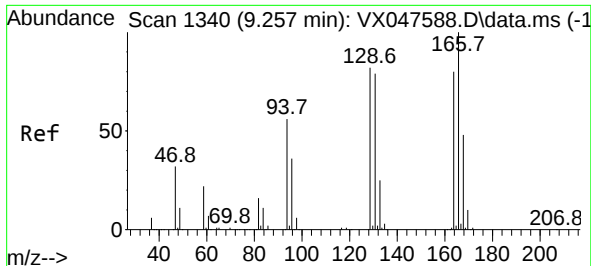
Tgt Ion: 95 Resp: 144718
Ion Ratio Lower Upper
95 100
174 70.3 0.0 141.6
176 69.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047624.D
Acq: 17 Sep 2025 17:16

Tgt Ion: 117 Resp: 303773
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.6
119 31.7 25.2 37.8



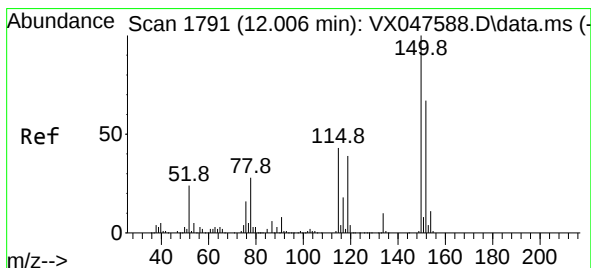
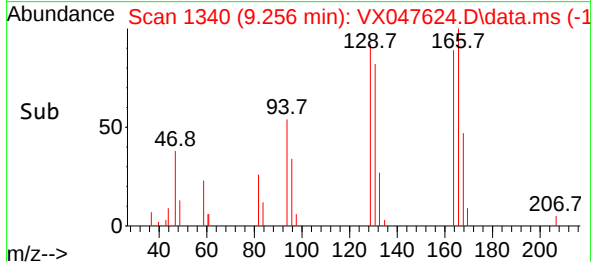
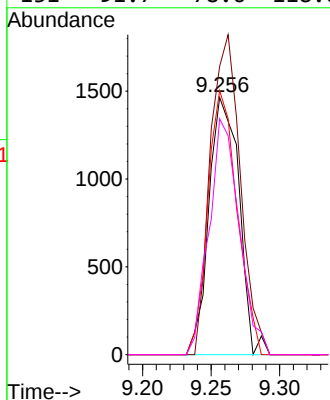
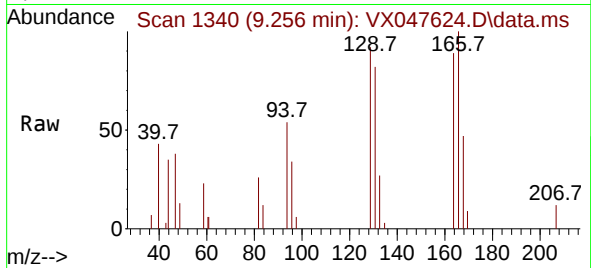


#64
 Tetrachloroethene
 Concen: 1.128 ug/l
 RT: 9.256 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047624.D
 Acq: 17 Sep 2025 17:16

Instrument : MSVOA_X
 ClientSampleId : RE126D1-20250910

Tgt Ion:164 Resp: 2234

Ion	Ratio	Lower	Upper
164	100		
166	112.1	100.2	150.2
129	102.7	81.8	122.6
131	91.7	78.6	118.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047624.D
 Acq: 17 Sep 2025 17:16

Tgt Ion:152 Resp: 145228

Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.9	134.5
150	160.1	0.0	352.0

