Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111325\
Data File : VX048591.D
Acq On : 13 Nov 2025 13:41
Operator : JC/MD
Sample : PB170518TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB170518TB

Quant Time: Nov 14 03:57:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	118773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	235440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	256905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99602	60.182	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.360%#			
35) Dibromofluoromethane	5.373	113	84193	47.247	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.500%			
50) Toluene-d8	8.635	98	302330	54.399	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.800%			
62) 4-Bromofluorobenzene	11.061	95	124344	60.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.080%			
Target Compounds						Qvalue
16) Acetone	2.373	43	46024	58.749	ug/l	91
18) Methyl Acetate	2.703	43	4060	1.886	ug/l	97
20) Methylene Chloride	2.794	84	13041	8.097	ug/l #	86
25) 2-Butanone	4.550	43	10940	9.440	ug/l	92
43) Isopropyl Acetate	6.324	43	12772	2.705	ug/l	97

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

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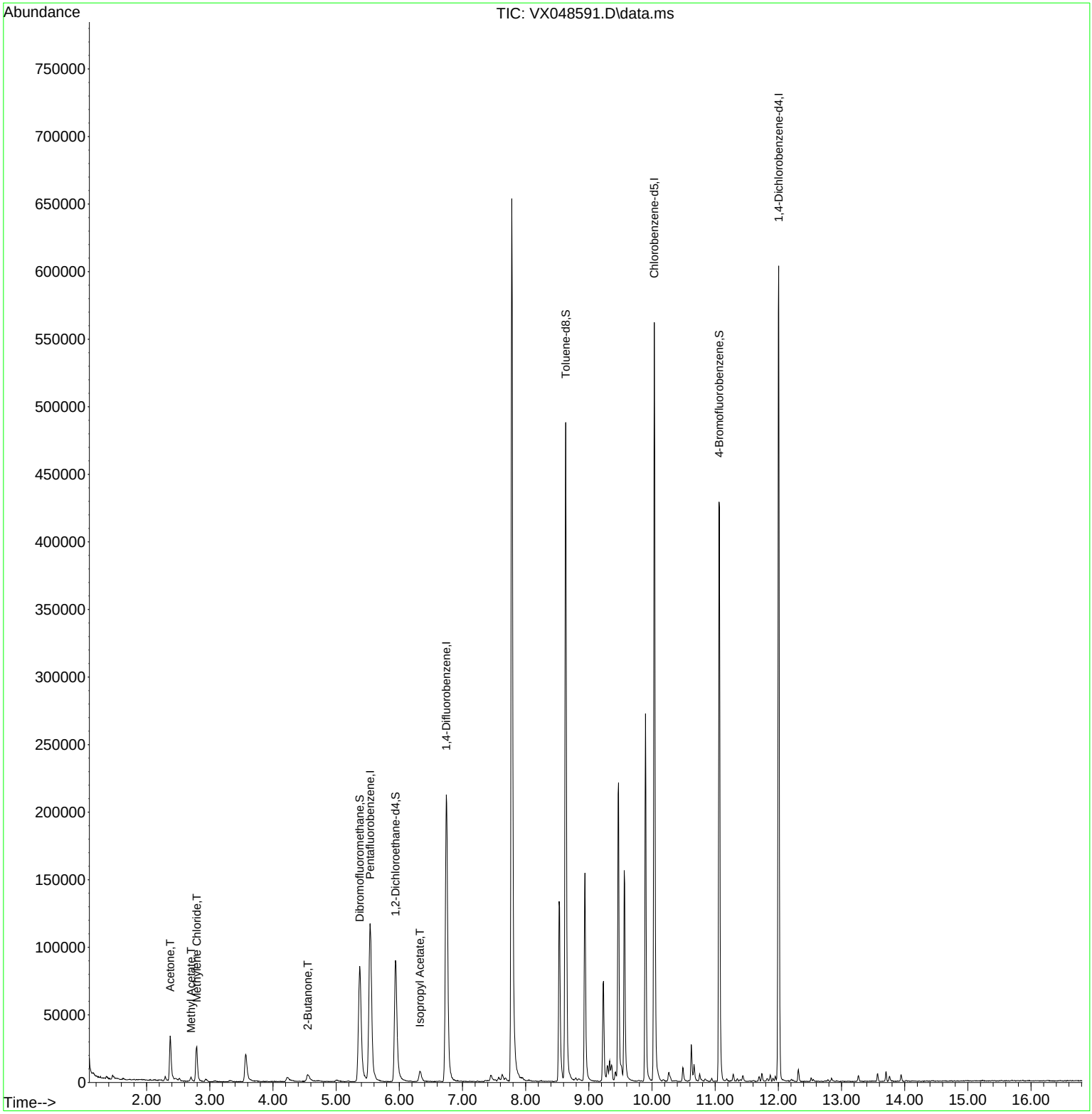
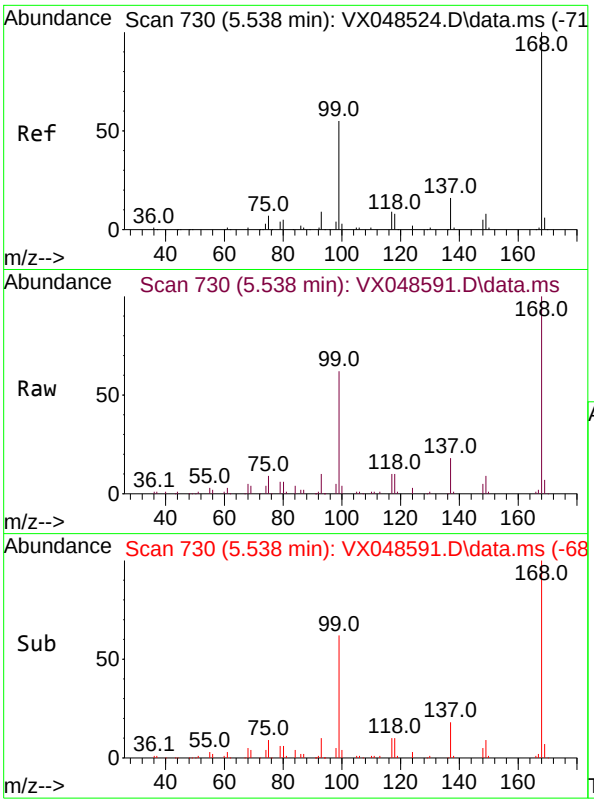


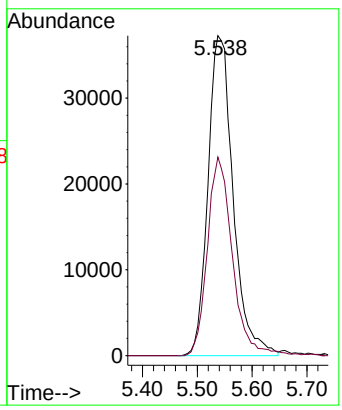


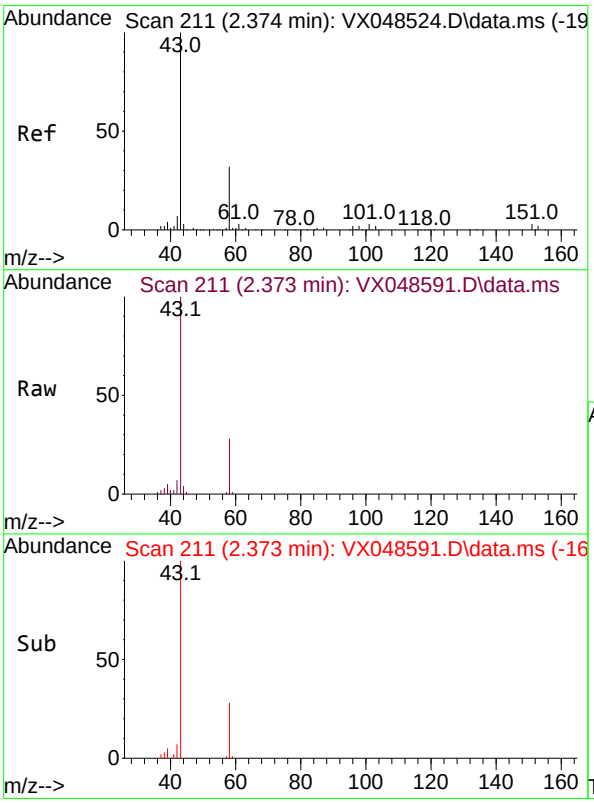
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB170518TB

Tgt Ion:168 Resp: 118773

Ion	Ratio	Lower	Upper
168	100		
99	62.0	45.2	67.8

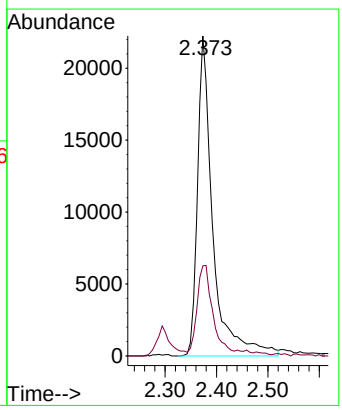


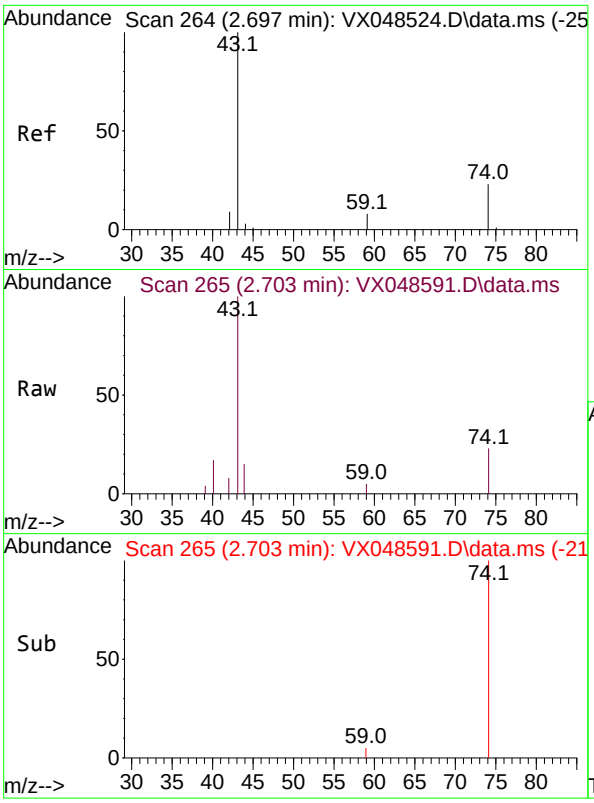


#16
Acetone
Concen: 58.749 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Tgt Ion: 43 Resp: 46024

Ion	Ratio	Lower	Upper
43	100		
58	27.4	25.8	38.6



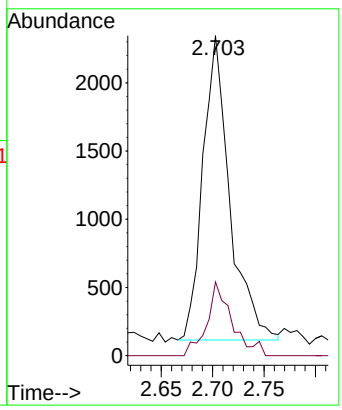


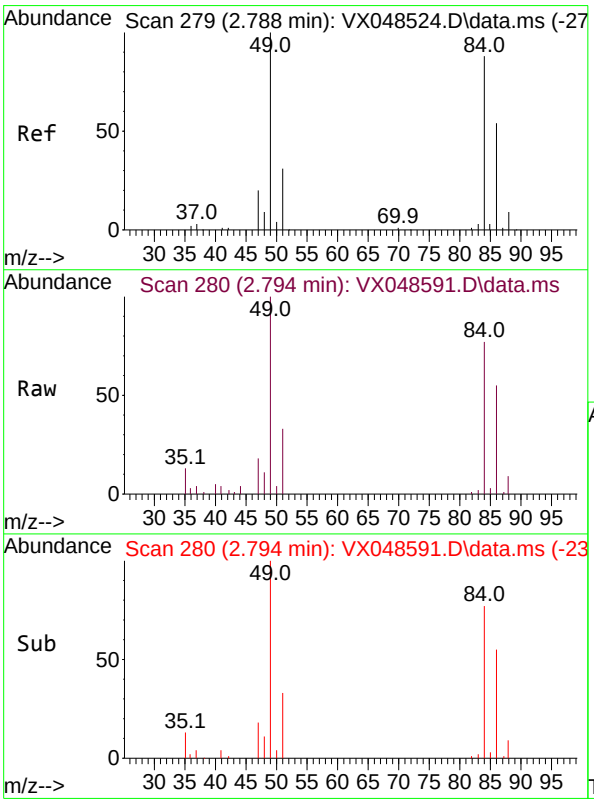
#18
Methyl Acetate
Concen: 1.886 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB170518TB

Tgt Ion: 43 Resp: 4060

Ion	Ratio	Lower	Upper
43	100		
74	22.5	19.1	28.7

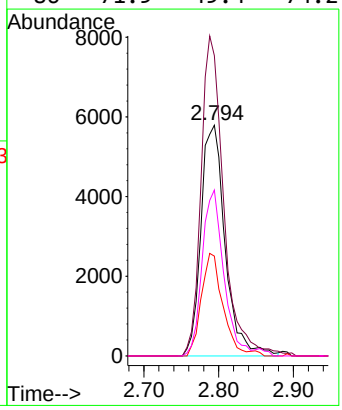


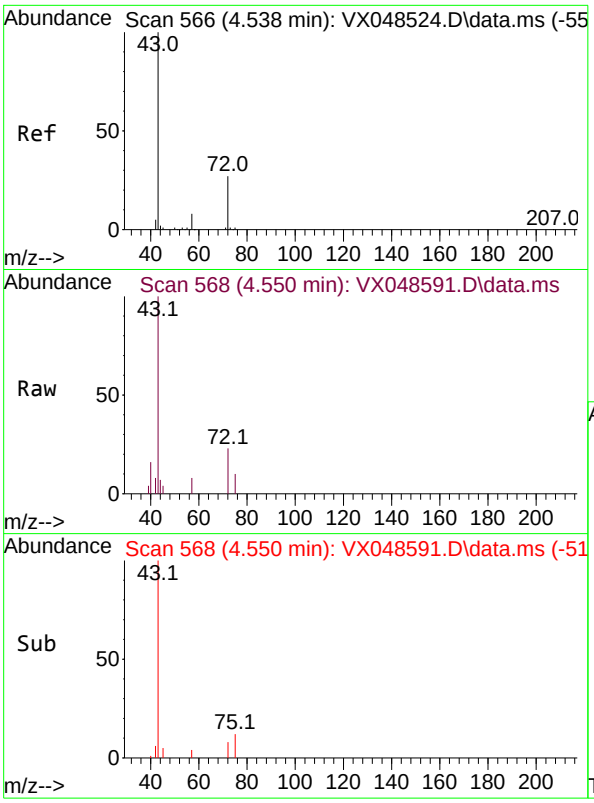


#20
Methylene Chloride
Concen: 8.097 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Tgt Ion: 84 Resp: 13041

Ion	Ratio	Lower	Upper
84	100		
49	130.2	91.2	136.8
51	43.3	28.3	42.5#
86	71.9	49.4	74.2



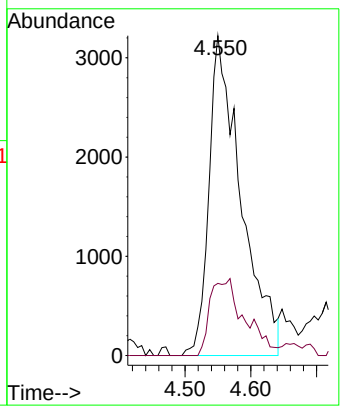


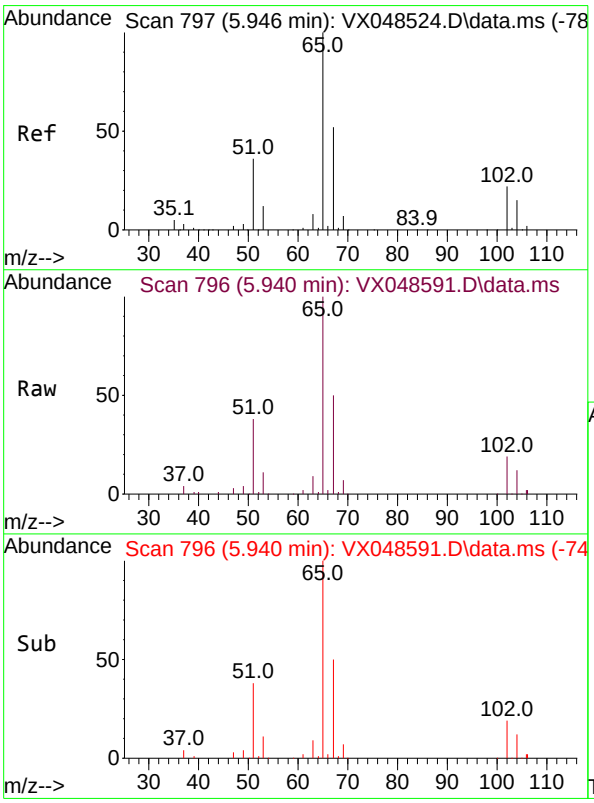
#25
2-Butanone
Concen: 9.440 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB170518TB

Tgt Ion: 43 Resp: 10940

Ion	Ratio	Lower	Upper
43	100		
72	22.5	21.5	32.3

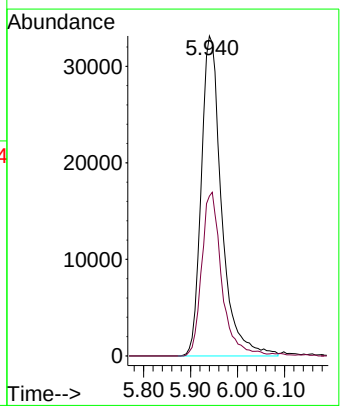


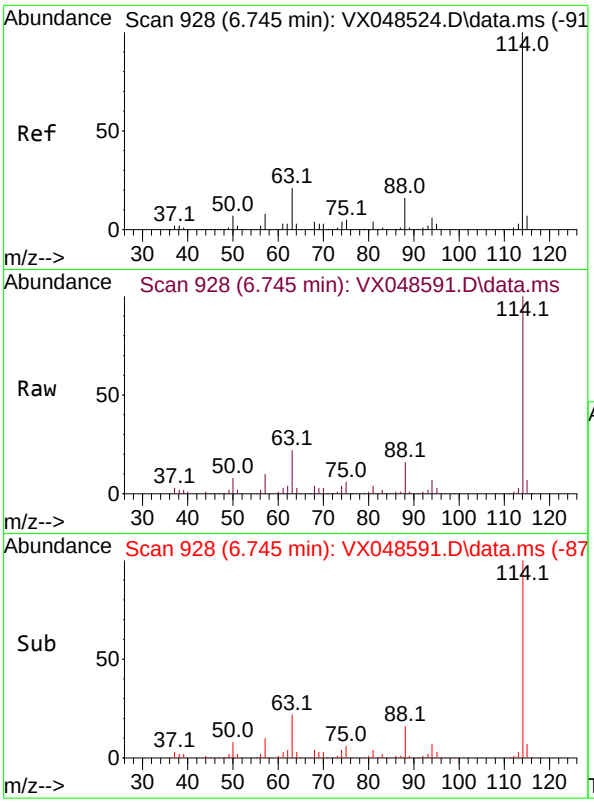


#33
1,2-Dichloroethane-d4
Concen: 60.182 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Tgt Ion: 65 Resp: 99602

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	106.2



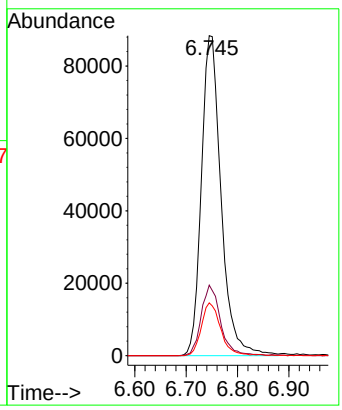


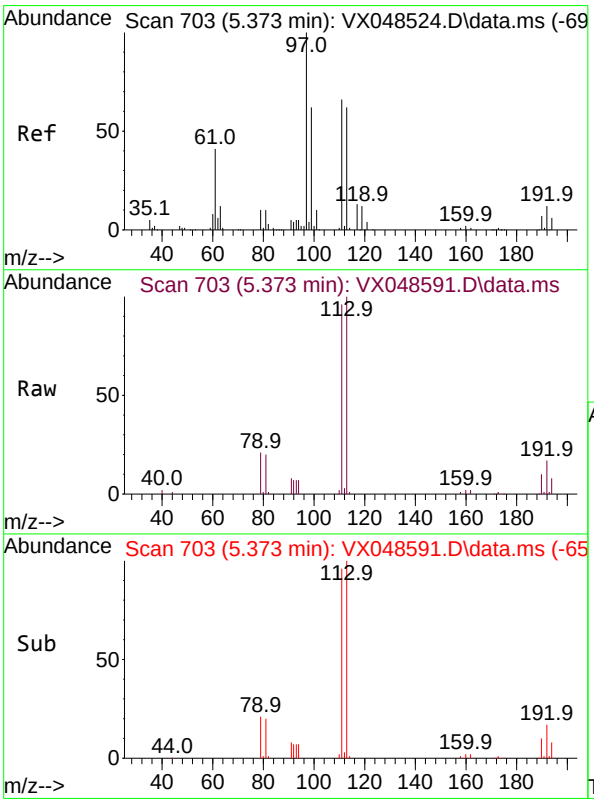
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB170518TB

Tgt Ion:114 Resp: 235440

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.2
88	16.5	0.0	32.2

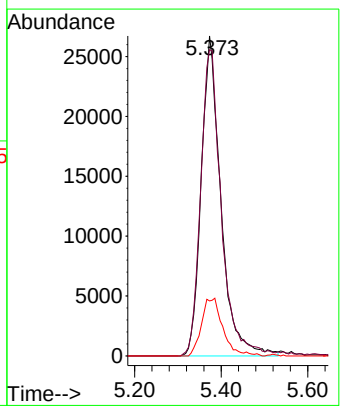


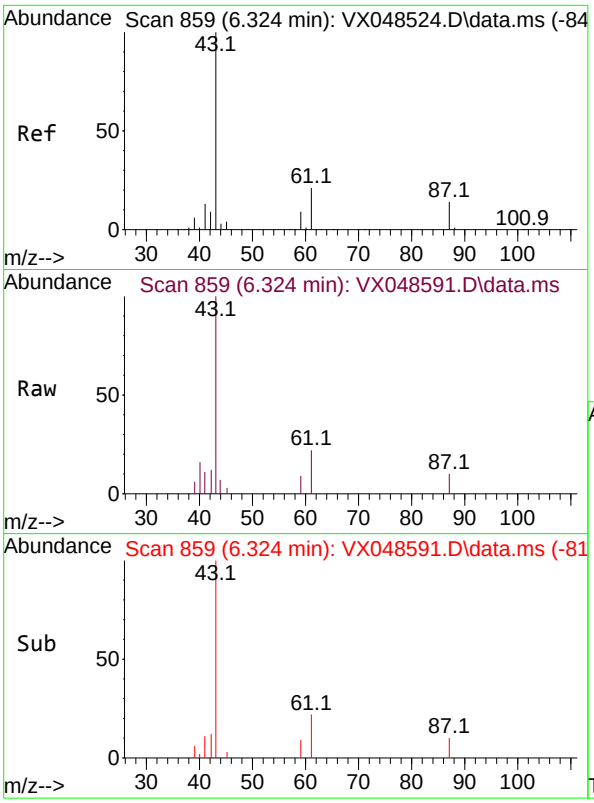


#35
Dibromofluoromethane
Concen: 47.247 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Tgt Ion:113 Resp: 84193

Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.9	122.9
192	19.5	15.8	23.6



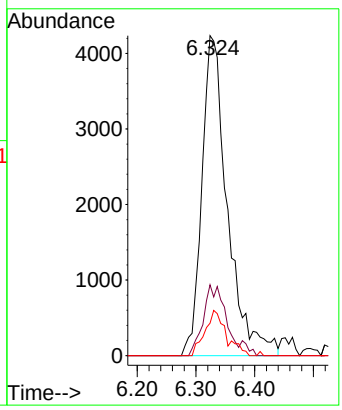


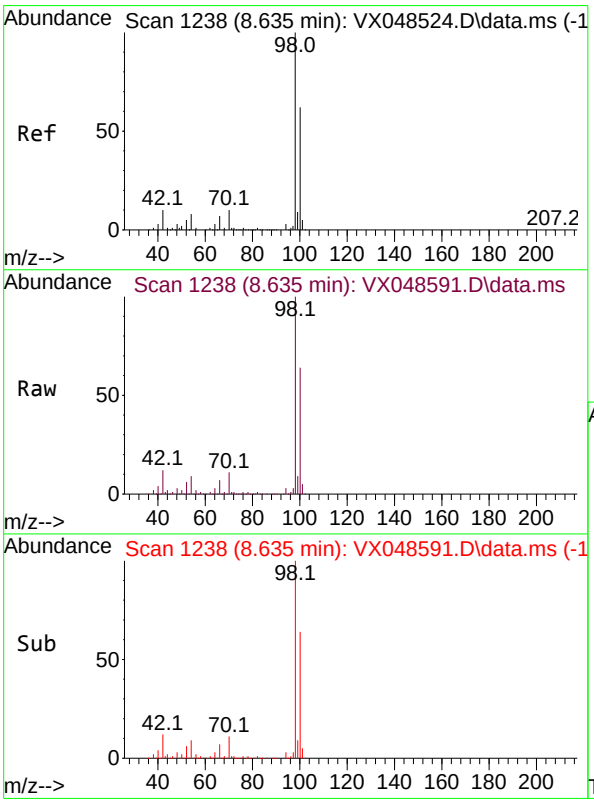
#43
Isopropyl Acetate
Concen: 2.705 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB170518TB

Tgt Ion: 43 Resp: 12772

Ion	Ratio	Lower	Upper
43	100		
61	19.1	16.2	24.4
87	11.8	10.9	16.3

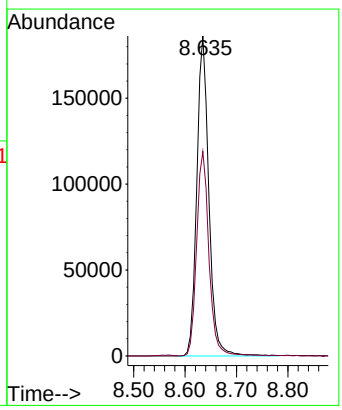


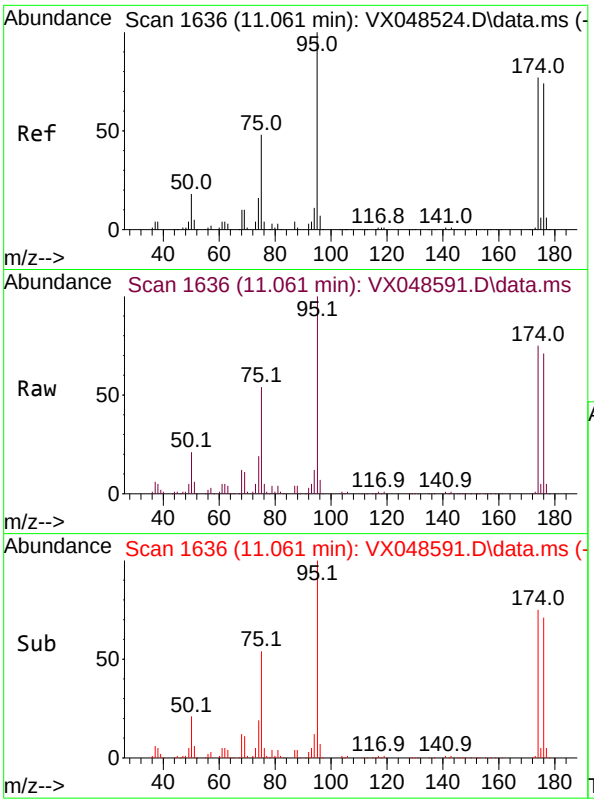


#50
Toluene-d8
Concen: 54.399 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Tgt Ion: 98 Resp: 302330

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.6	80.4



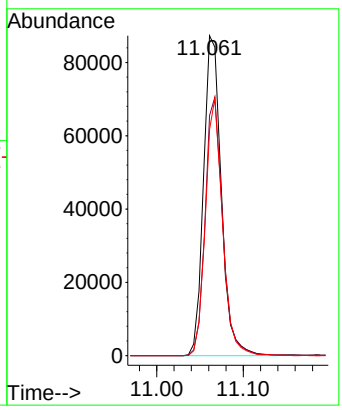


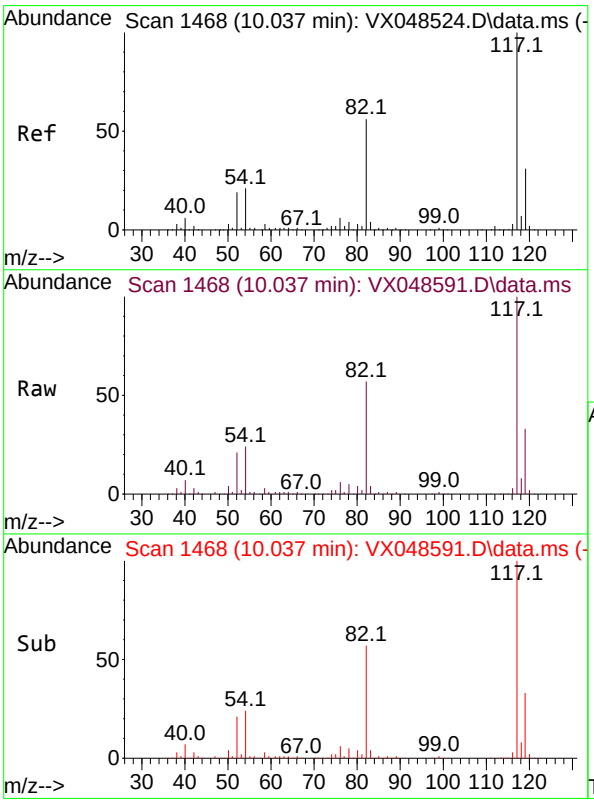
#62
4-Bromofluorobenzene
Concen: 60.036 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB170518TB

Tgt Ion: 95 Resp: 124344

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	161.8
176	77.6	0.0	153.6

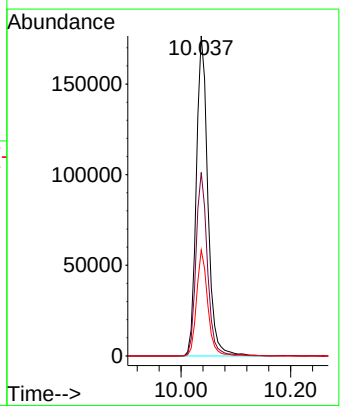


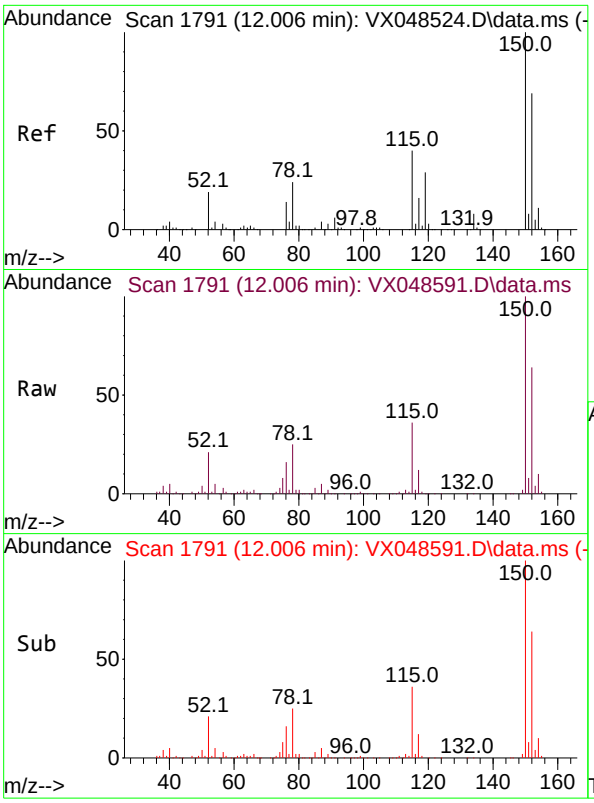


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Tgt Ion:117 Resp: 256905

Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.4	66.6
119	33.1	25.1	37.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048591.D
Acq: 13 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB170518TB

Tgt Ion:152 Resp: 130936

Ion	Ratio	Lower	Upper
152	100		
115	58.9	39.2	117.6
150	156.3	0.0	347.0