Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048633.D
Acq On : 20 Nov 2025 13:27
Operator : JC/MD
Sample : PB170601TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB170601TB

Quant Time: Nov 21 00:32:14 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	5.544	168	163507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	287264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	315624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	167533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112624	49.432	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.860%			
35) Dibromofluoromethane	5.373	113	109777	50.491	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	8.635	98	346953	51.166	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.340%			
62) 4-Bromofluorobenzene	11.061	95	146318	57.901	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.800%			
Target Compounds						Qvalue
16) Acetone	2.374	43	46862	43.453	ug/l	99
18) Methyl Acetate	2.703	43	3553	1.199	ug/l	96
20) Methylene Chloride	2.794	84	13471	6.076	ug/l	91
25) 2-Butanone	4.550	43	12655	7.932	ug/l	90
43) Isopropyl Acetate	6.330	43	14026	2.435	ug/l	97

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

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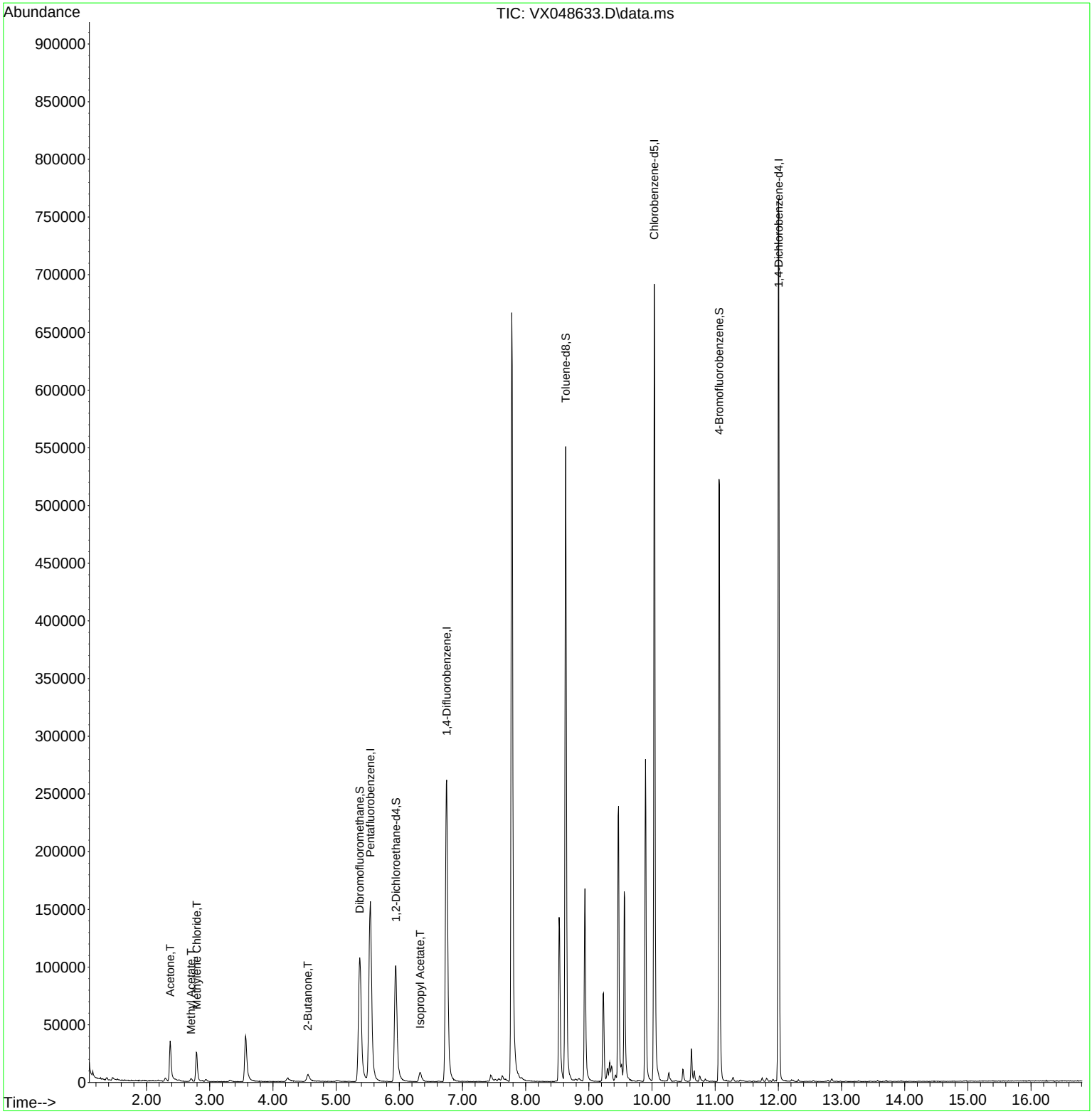
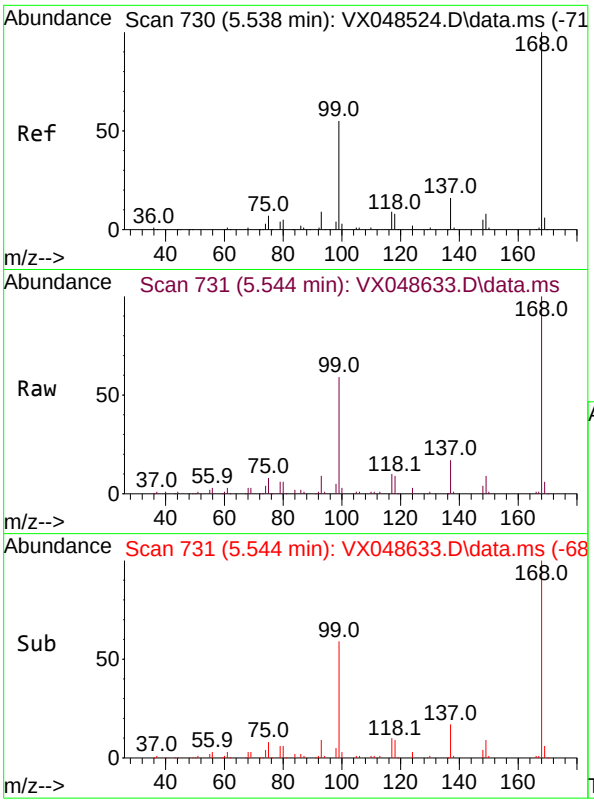


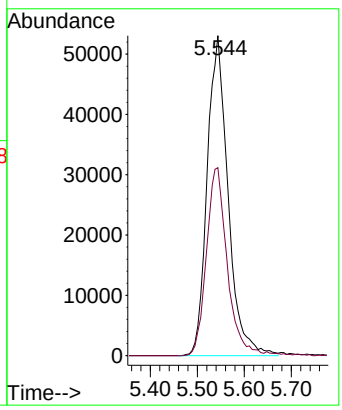


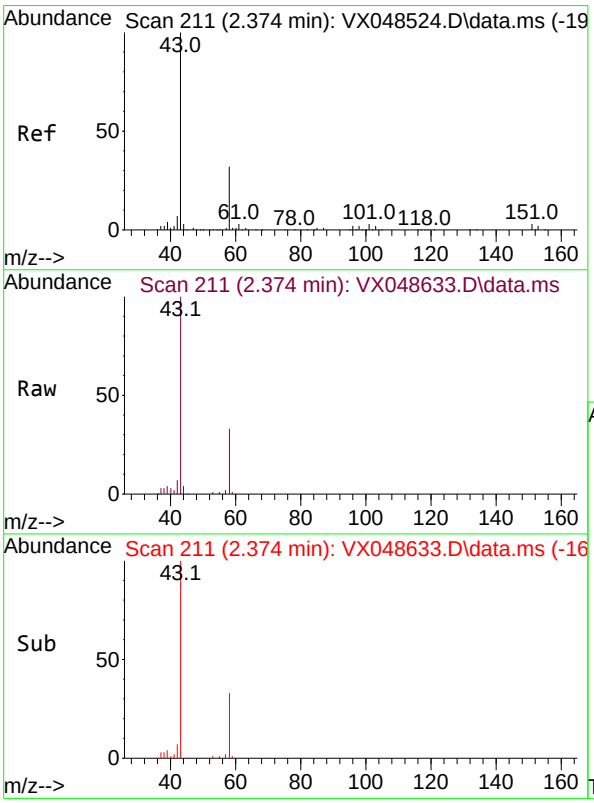
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
PB170601TB

Tgt Ion:168 Resp: 163507

Ion	Ratio	Lower	Upper
168	100		
99	58.7	45.2	67.8

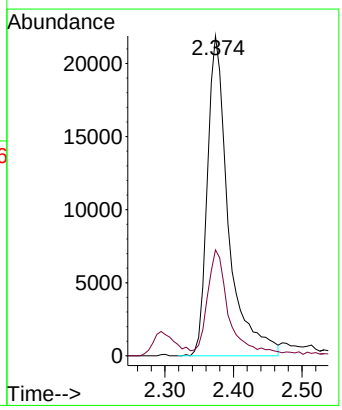


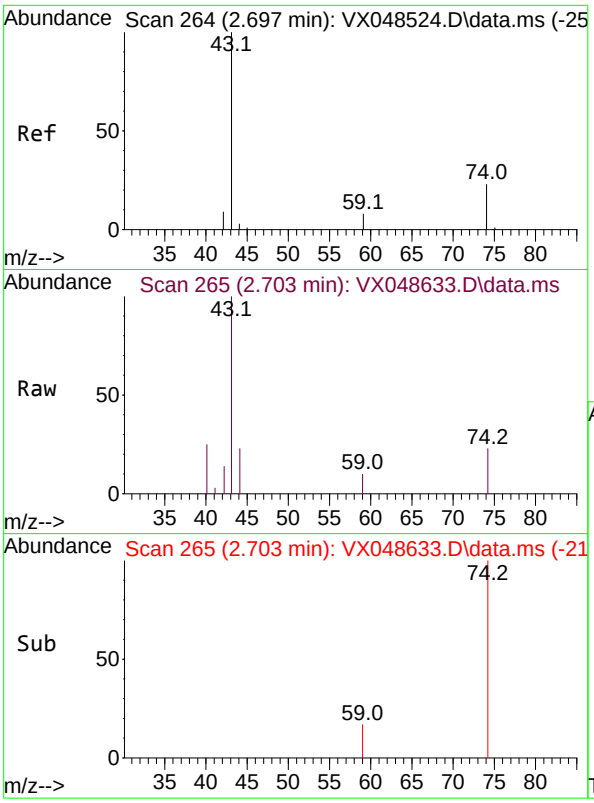


#16
Acetone
Concen: 43.453 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Tgt Ion: 43 Resp: 46862

Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.8	38.6



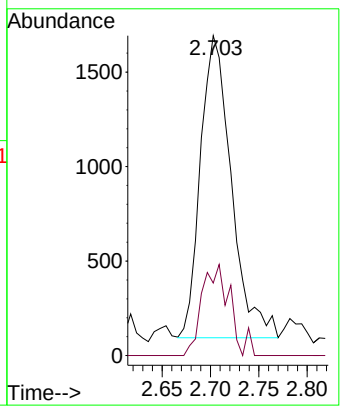


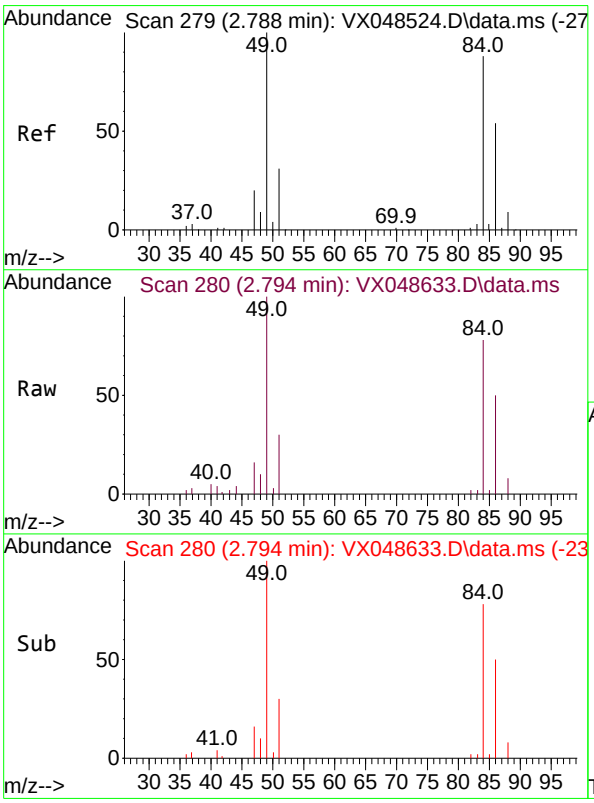
#18
Methyl Acetate
Concen: 1.199 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
PB170601TB

Tgt Ion: 43 Resp: 3553

Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.1	28.7

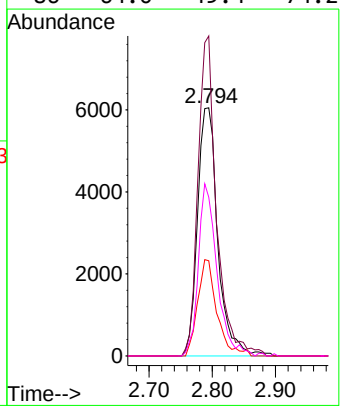


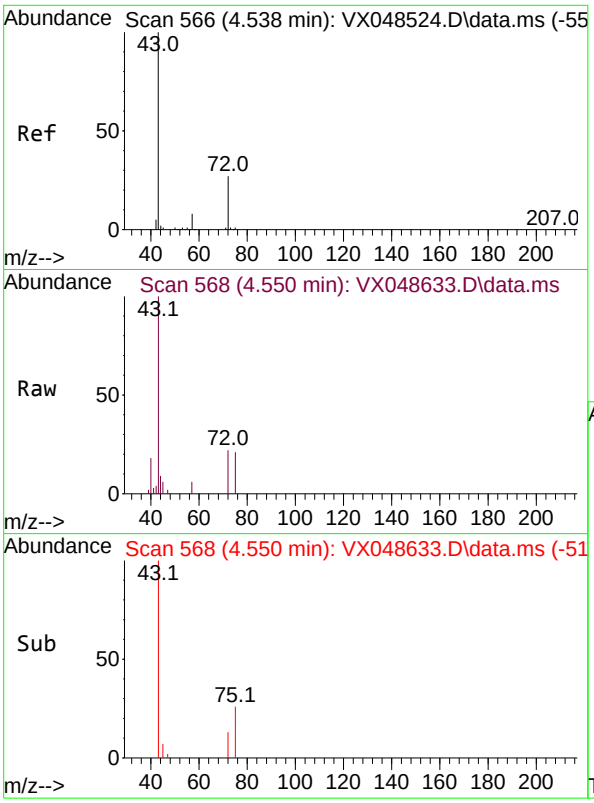


#20
Methylene Chloride
Concen: 6.076 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Tgt Ion: 84 Resp: 13471

Ion	Ratio	Lower	Upper
84	100		
49	129.0	91.2	136.8
51	38.4	28.3	42.5
86	64.0	49.4	74.2



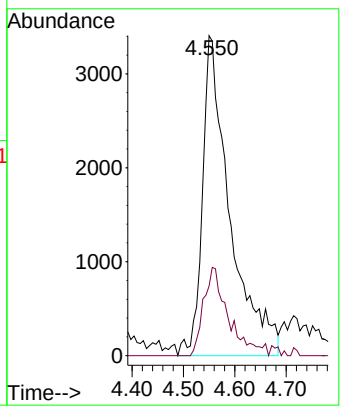


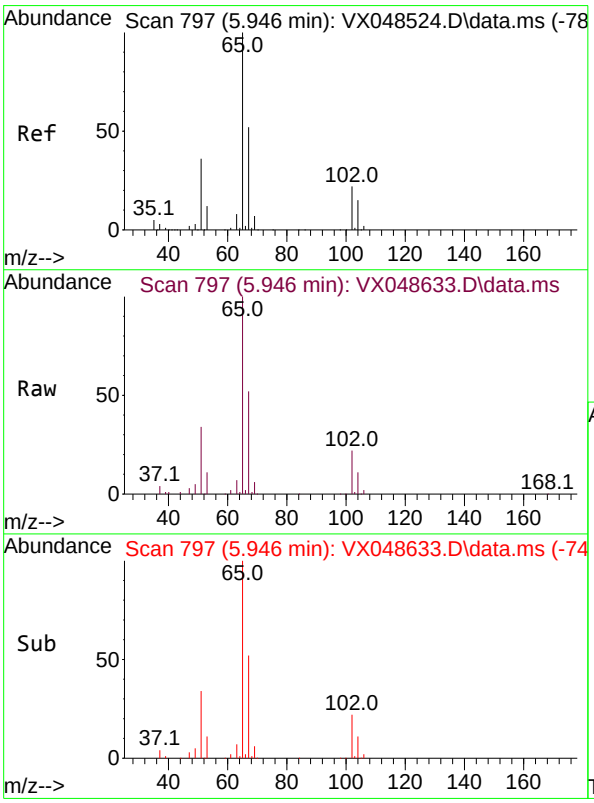
#25
2-Butanone
Concen: 7.932 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
PB170601TB

Tgt Ion: 43 Resp: 12655

Ion	Ratio	Lower	Upper
43	100		
72	21.7	21.5	32.3

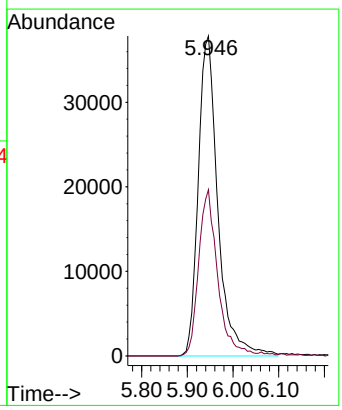


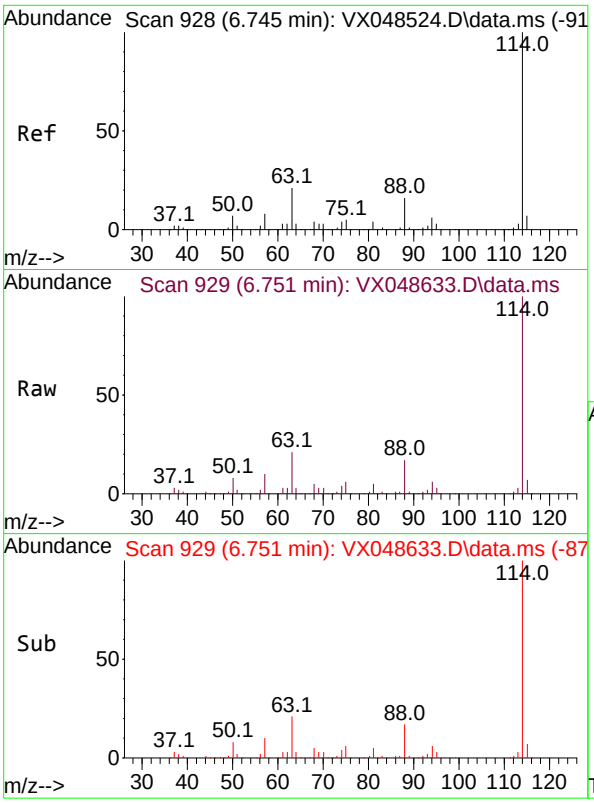


#33
1,2-Dichloroethane-d4
Concen: 49.432 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Tgt Ion: 65 Resp: 112624

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	106.2



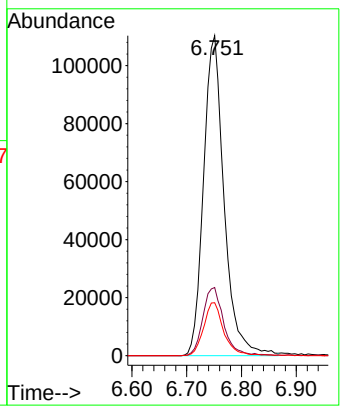


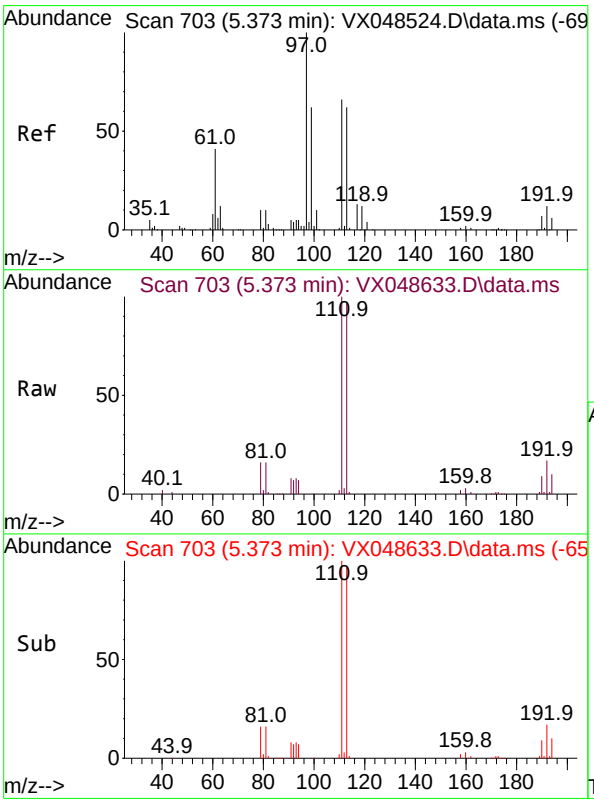
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
PB170601TB

Tgt Ion:114 Resp: 287264

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.2
88	16.5	0.0	32.2

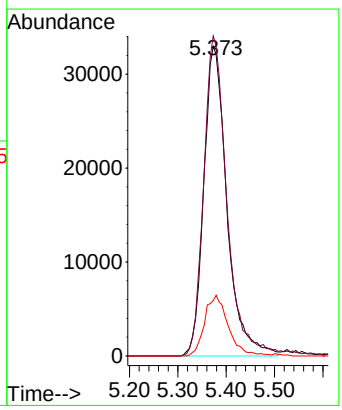


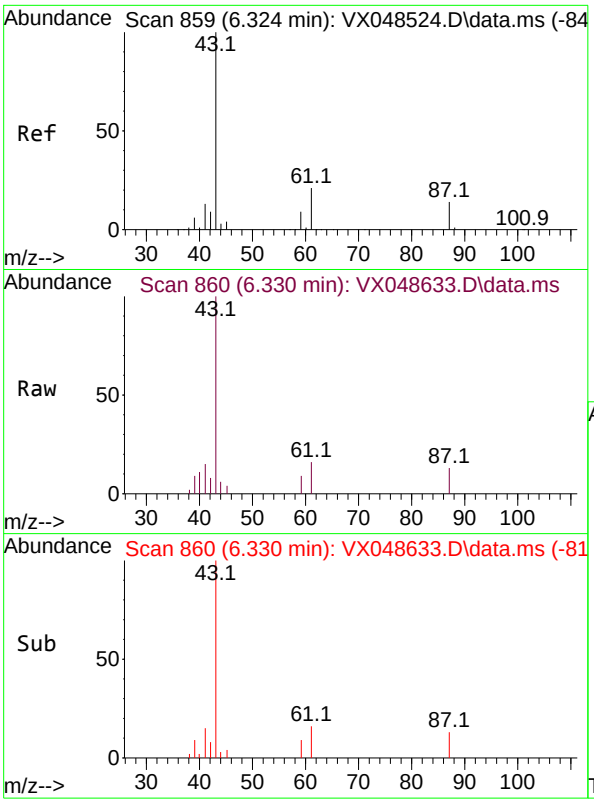


#35
Dibromofluoromethane
Concen: 50.491 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Tgt Ion:113 Resp: 109777

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	19.9	15.8	23.6



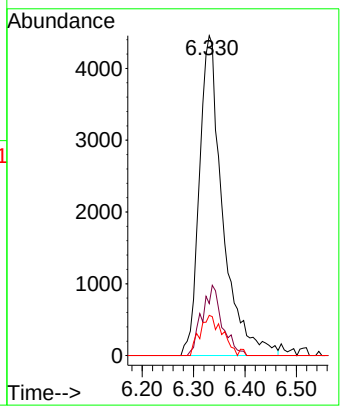


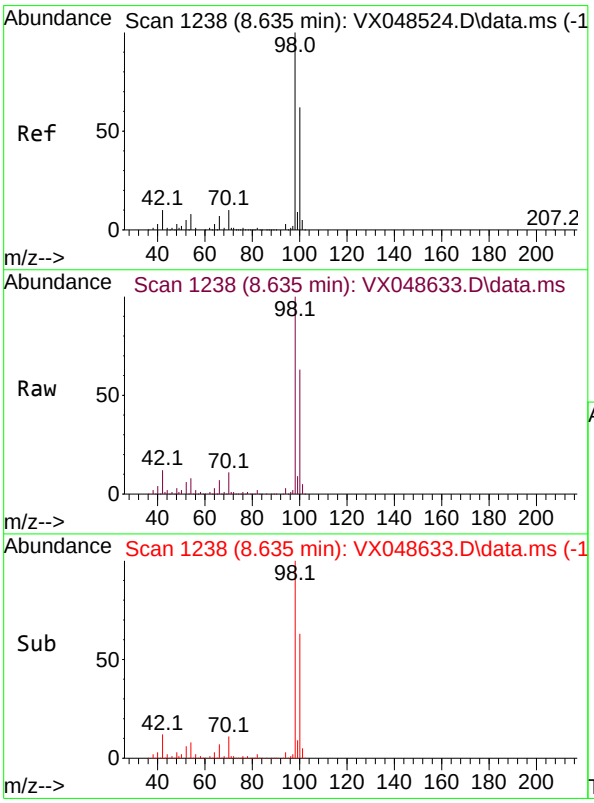
#43
Isopropyl Acetate
Concen: 2.435 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
PB170601TB

Tgt Ion: 43 Resp: 14026

Ion	Ratio	Lower	Upper
43	100		
61	19.1	16.2	24.4
87	12.0	10.9	16.3

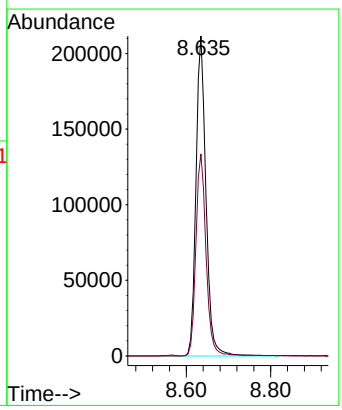


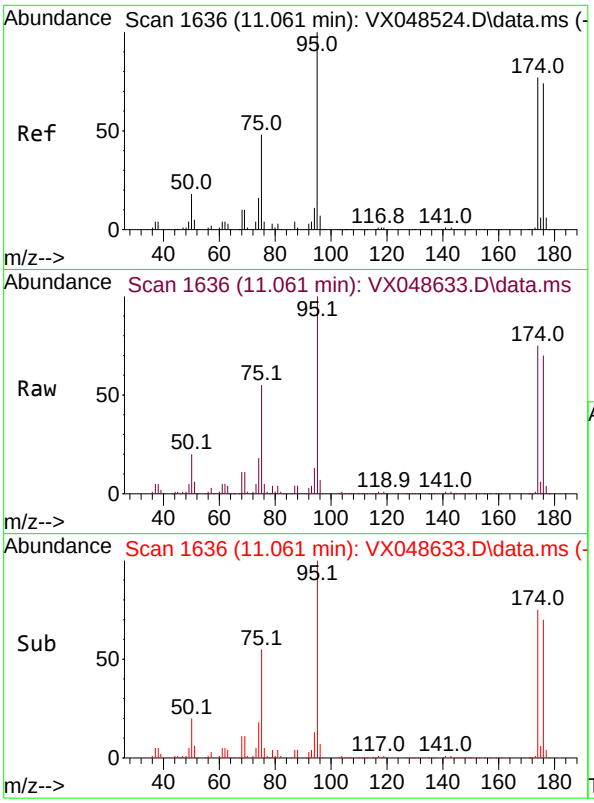


#50
Toluene-d8
Concen: 51.166 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Tgt Ion: 98 Resp: 346953

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.6	80.4



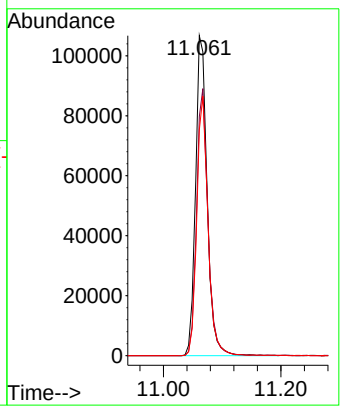


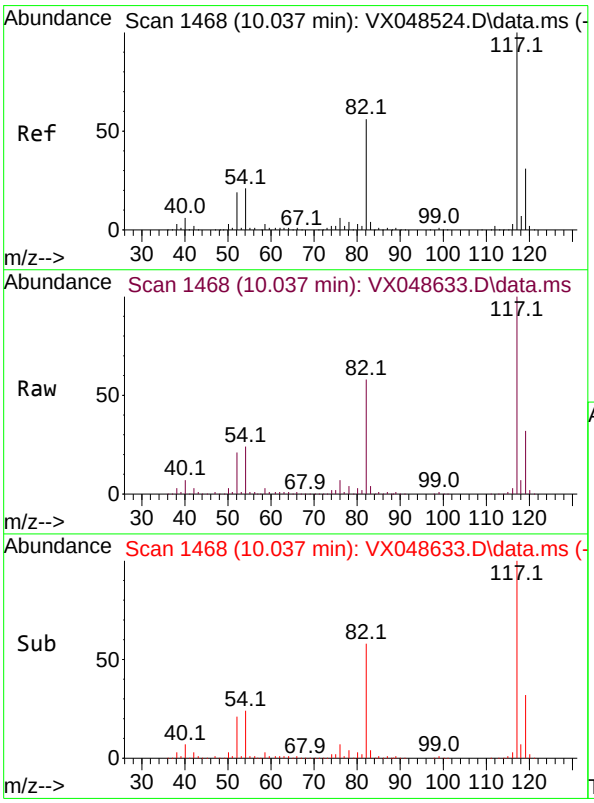
#62
4-Bromofluorobenzene
Concen: 57.901 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
PB170601TB

Tgt Ion: 95 Resp: 146318

Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	161.8
176	78.9	0.0	153.6

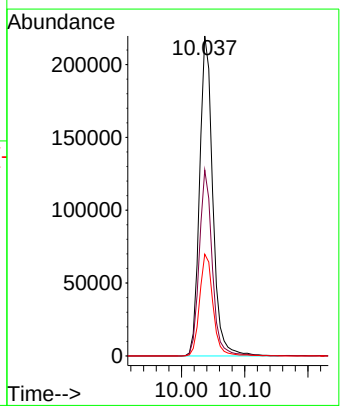


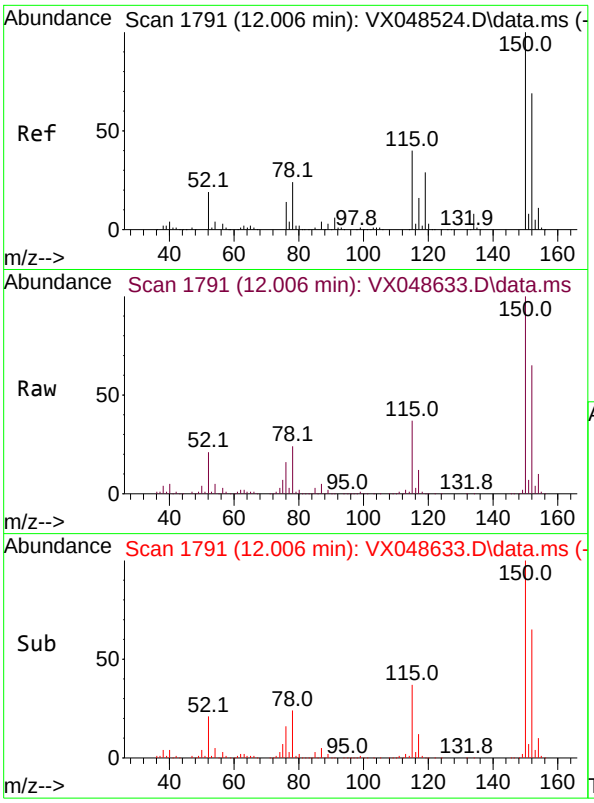


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048633.D
Acq: 20 Nov 2025 13:27

Tgt Ion:117 Resp: 315624

Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.4	66.6
119	31.8	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: VX048633.D
Acq: 20 Nov 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
PB170601TB

Tgt Ion:152 Resp: 167533

Ion	Ratio	Lower	Upper
152	100		
115	59.6	39.2	117.6
150	156.4	0.0	347.0