Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
Data File : VX045604.D
Acq On : 04 Apr 2025 17:06
Operator : JC/MD
Sample : PB167448ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#03

Quant Time: Apr 04 23:13:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	67347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68468	55.593	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.180%			
35) Dibromofluoromethane	5.385	113	49136	50.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.820%			
50) Toluene-d8	8.647	98	175374	52.056	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.120%			
62) 4-Bromofluorobenzene	11.079	95	65541	53.410	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.820%			
Target Compounds						Qvalue
16) Acetone	2.386	43	44052	87.106	ug/l	97
18) Methyl Acetate	2.709	43	2679	2.301	ug/l	91
20) Methylene Chloride	2.782	84	28336	29.929	ug/l	98
25) 2-Butanone	4.580	43	4787	6.466	ug/l	98
43) Isopropyl Acetate	6.348	43	8111	3.259	ug/l	97

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

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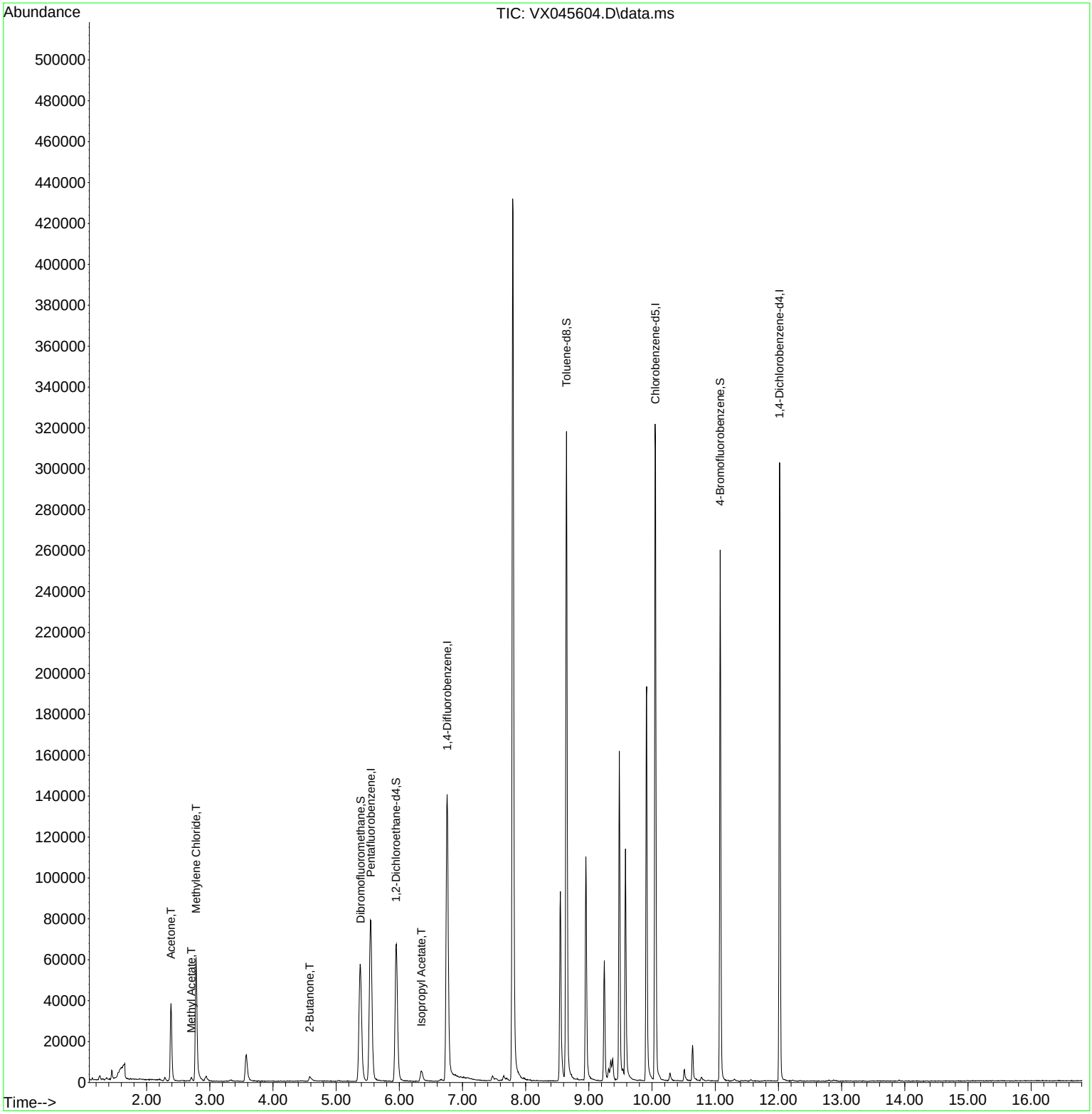
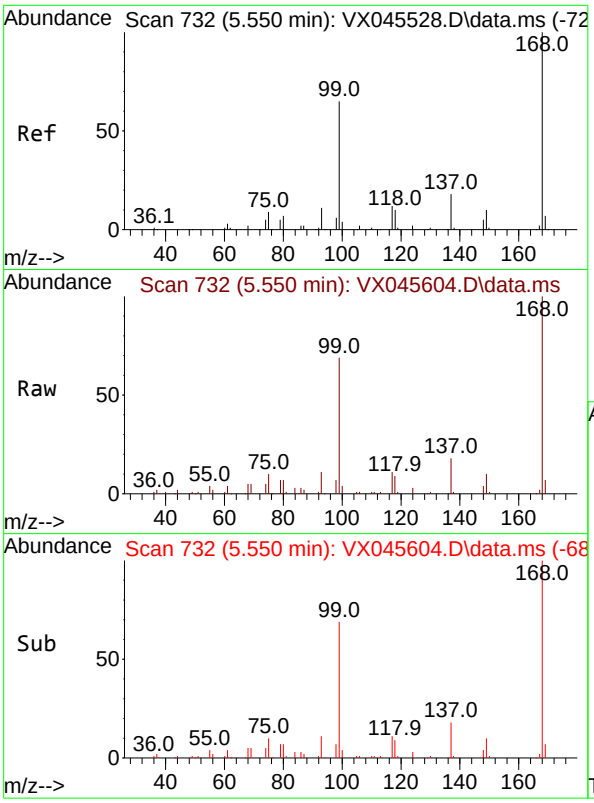


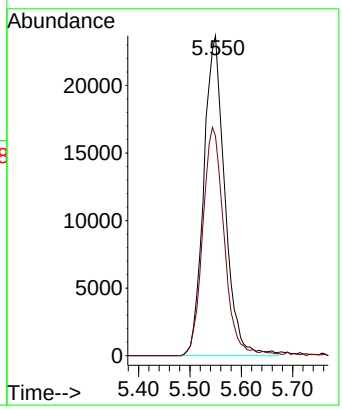


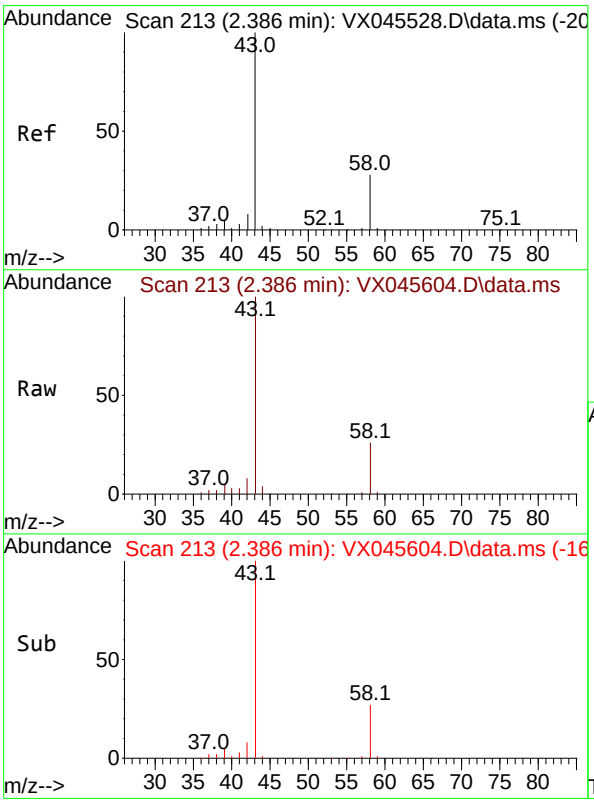
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#03

Tgt Ion:168 Resp: 67347

Ion	Ratio	Lower	Upper
168	100		
99	68.7	52.3	78.5

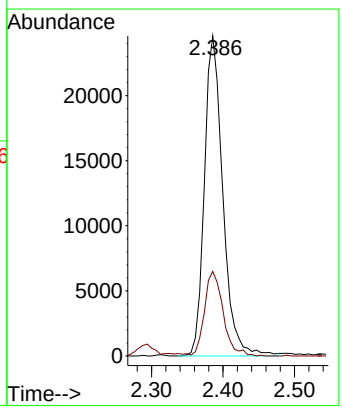


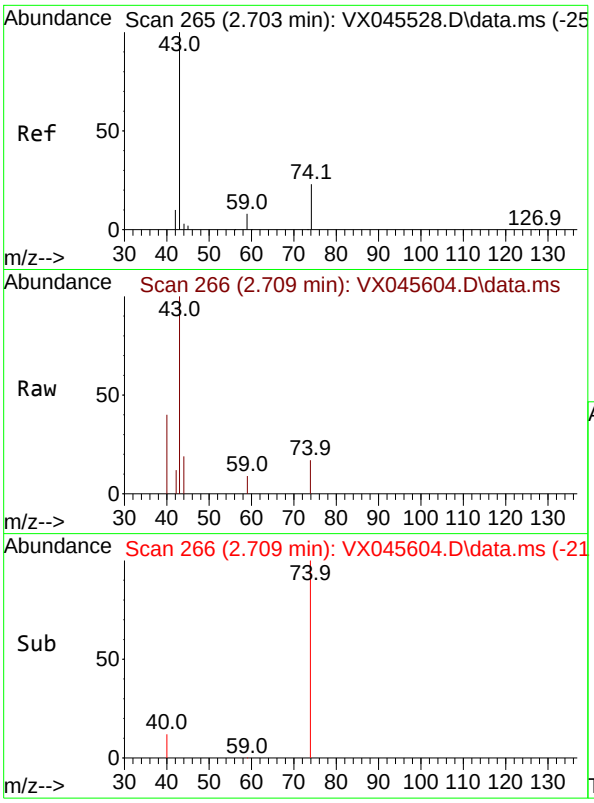


#16
Acetone
Concen: 87.106 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Tgt Ion: 43 Resp: 44052

Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.3	33.5



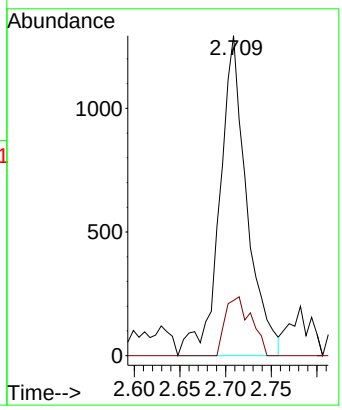


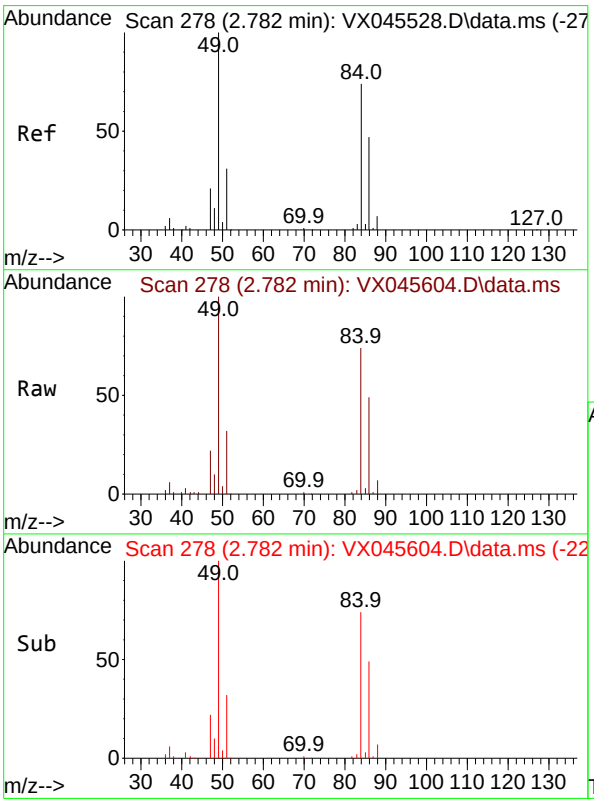
#18
Methyl Acetate
Concen: 2.301 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#03

Tgt Ion: 43 Resp: 2679

Ion	Ratio	Lower	Upper
43	100		
74	17.5	17.5	26.3

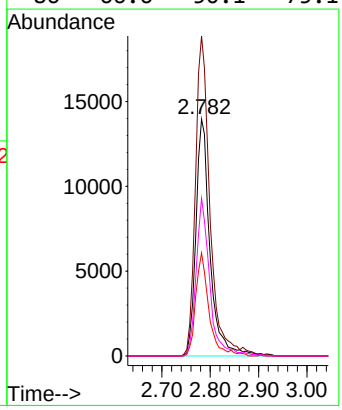


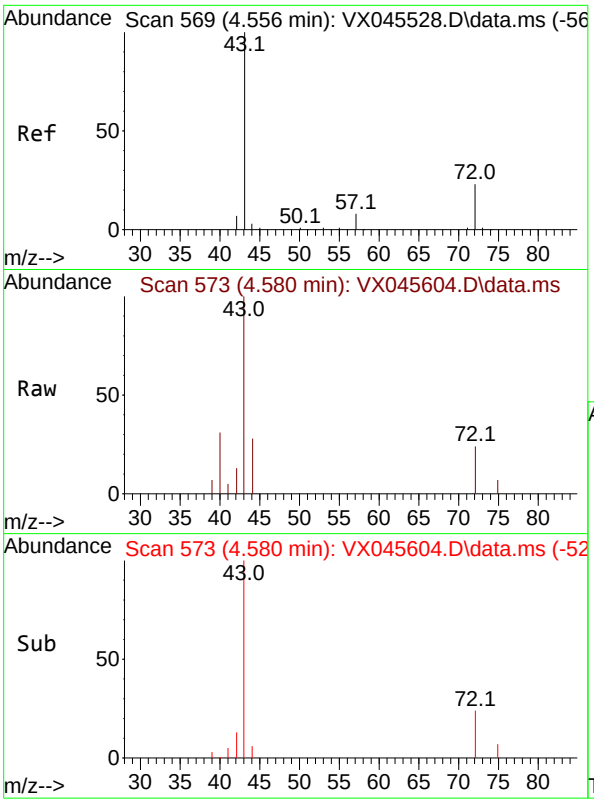


#20
Methylene Chloride
Concen: 29.929 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Tgt Ion: 84 Resp: 28336

Ion	Ratio	Lower	Upper
84	100		
49	135.1	107.5	161.3
51	43.5	33.0	49.6
86	66.6	50.1	75.1



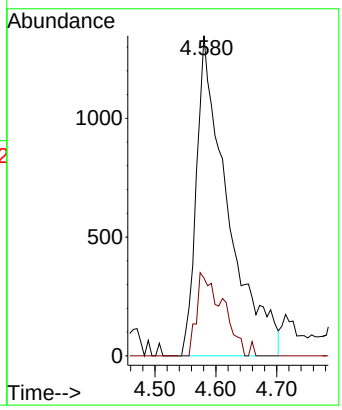


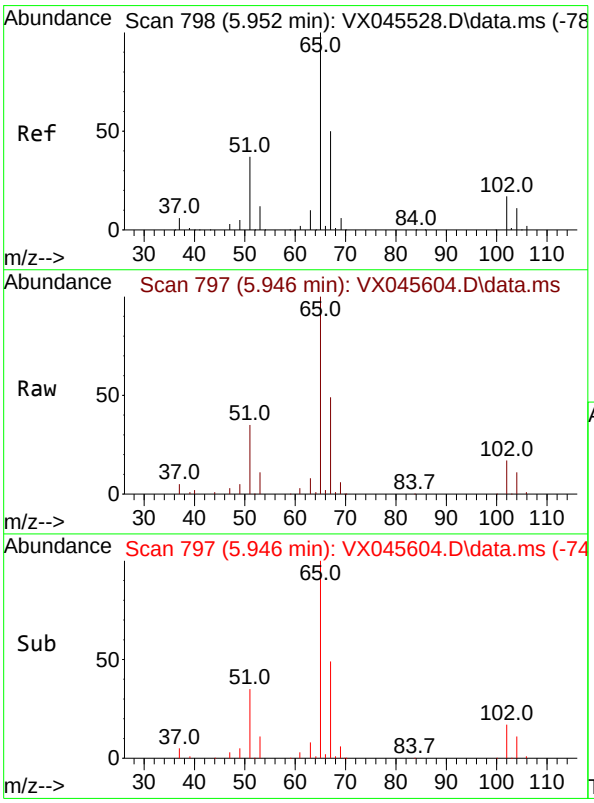
#25
2-Butanone
Concen: 6.466 ug/l
RT: 4.580 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#03

Tgt Ion: 43 Resp: 4787

Ion	Ratio	Lower	Upper
43	100		
72	24.3	18.6	28.0

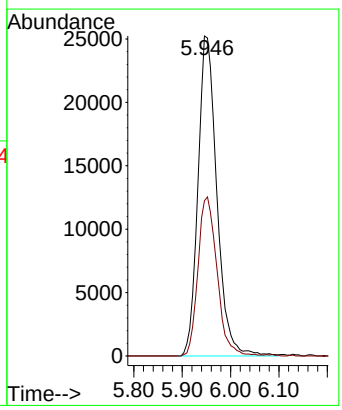


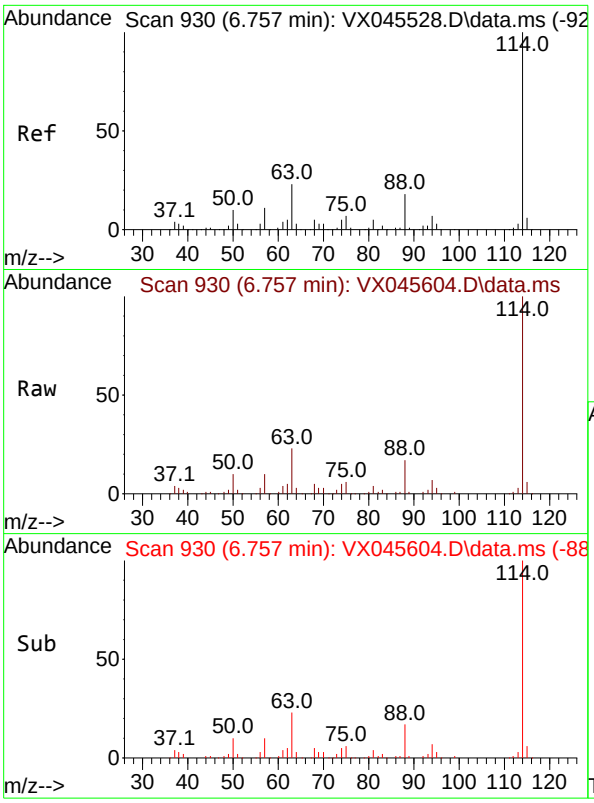


#33
1,2-Dichloroethane-d4
Concen: 55.593 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Tgt Ion: 65 Resp: 68468

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.0



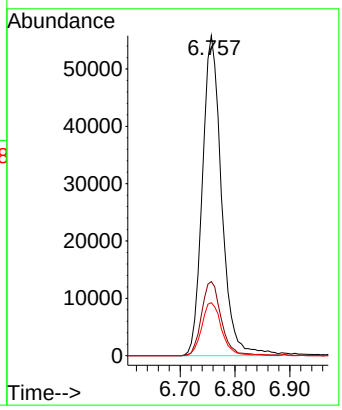


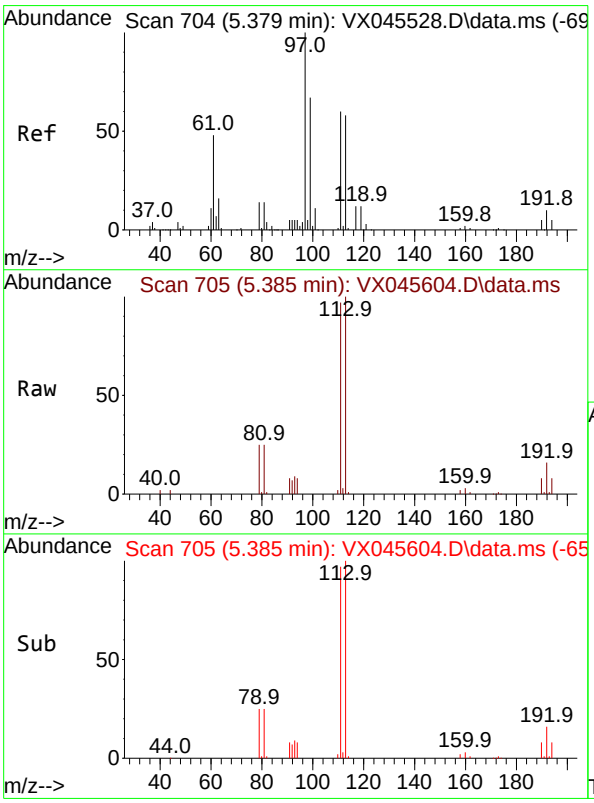
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#03

Tgt Ion:114 Resp: 136039

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	46.8
88	16.6	0.0	35.4

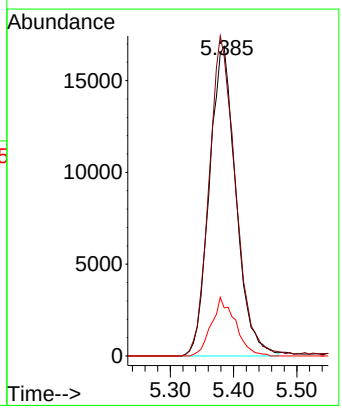


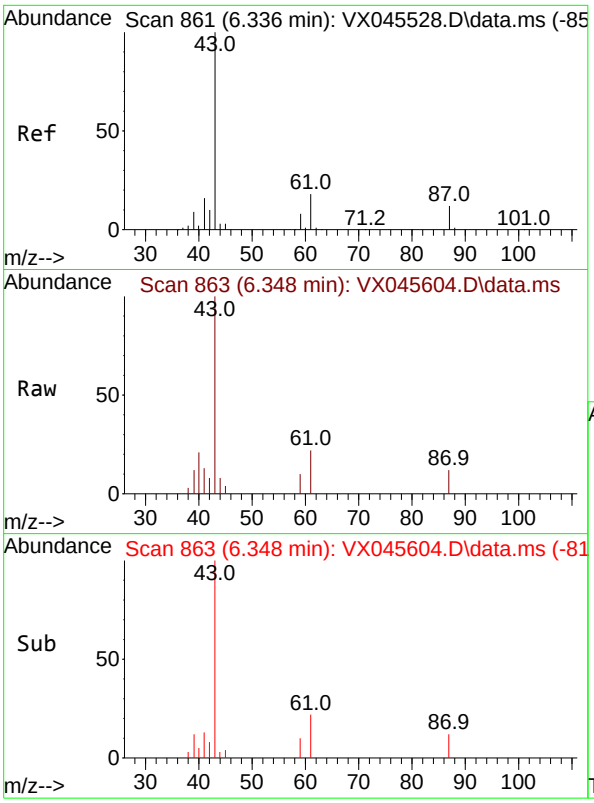


#35
Dibromofluoromethane
Concen: 50.908 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Tgt Ion:113 Resp: 49136

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	17.1	13.8	20.6



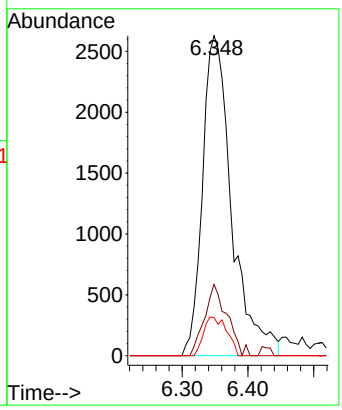


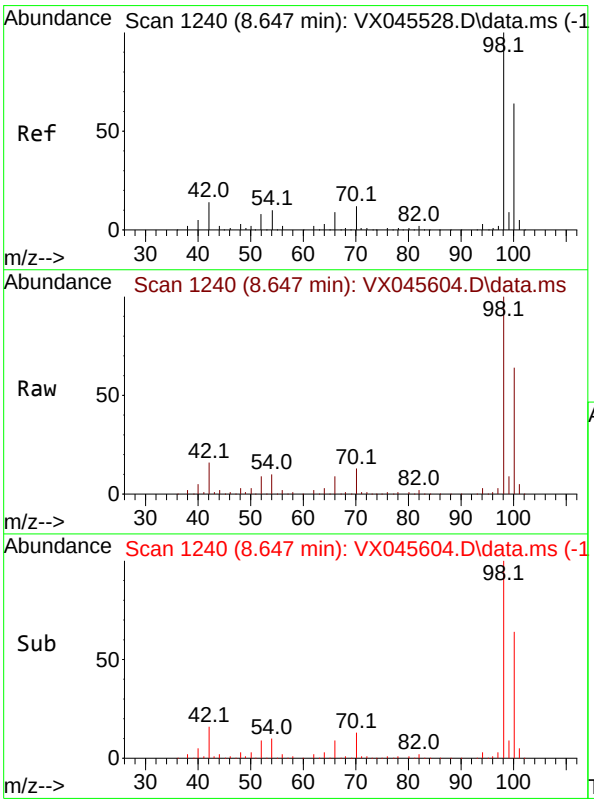
#43
Isopropyl Acetate
Concen: 3.259 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#03

Tgt Ion: 43 Resp: 8111

Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.1	21.1
87	9.6	9.2	13.8

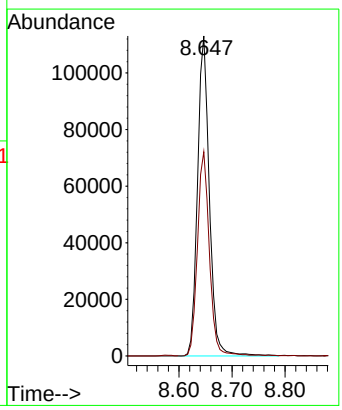


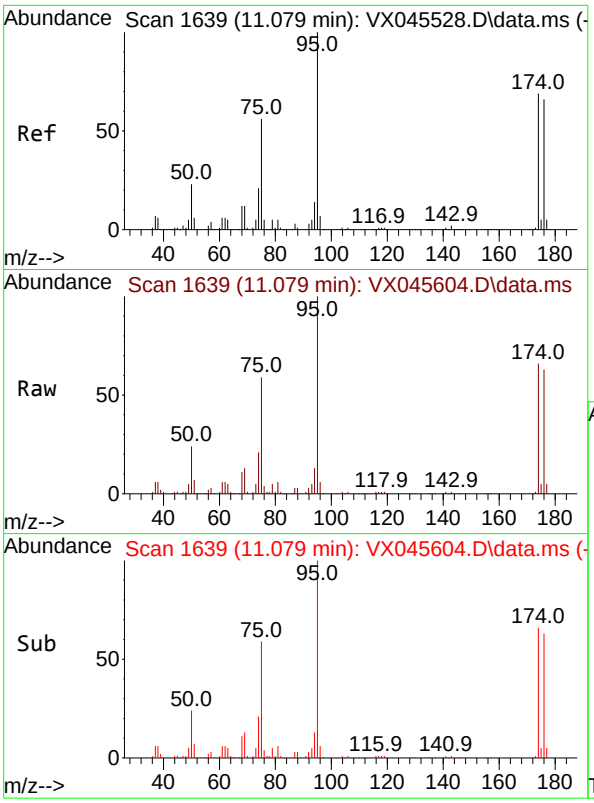


#50
Toluene-d8
Concen: 52.056 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Tgt Ion: 98 Resp: 175374

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4



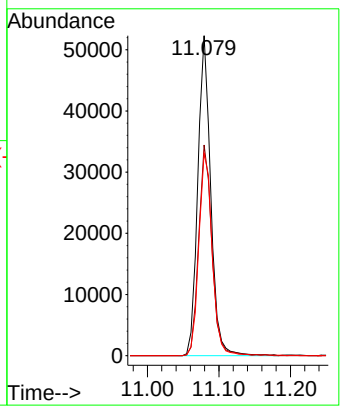


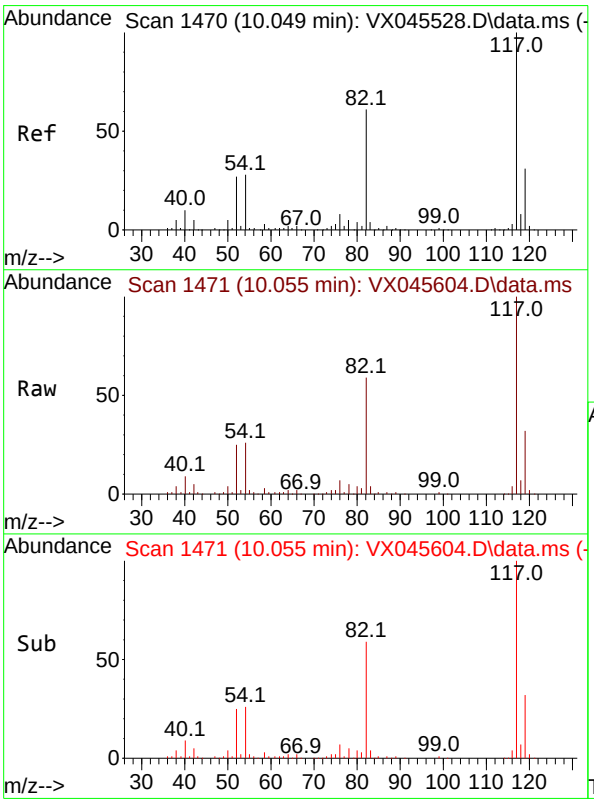
#62
4-Bromofluorobenzene
Concen: 53.410 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#03

Tgt Ion: 95 Resp: 65541

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	135.8
176	65.8	0.0	131.4

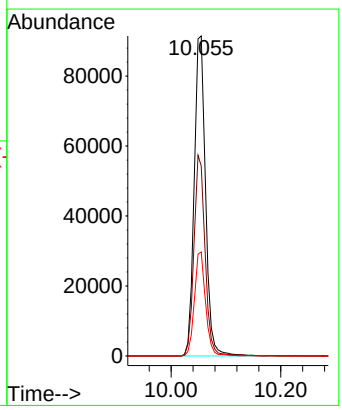


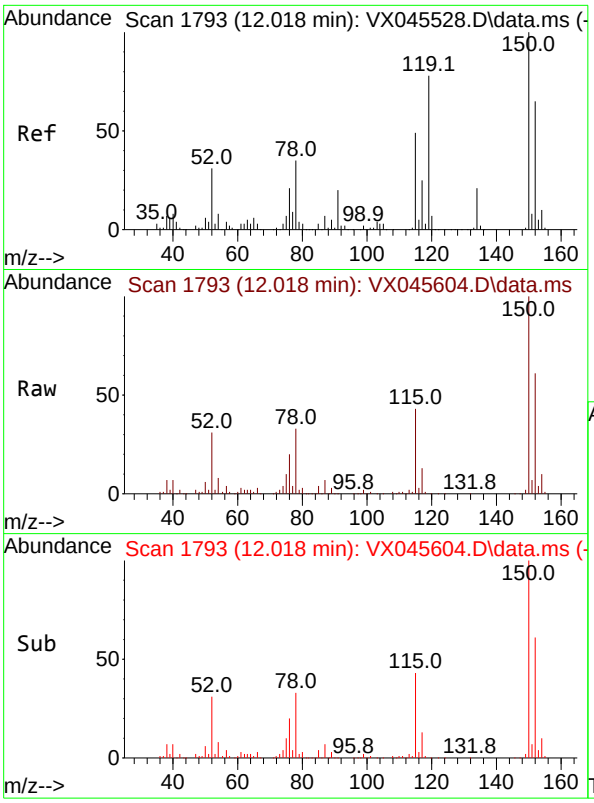


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Tgt Ion:117 Resp: 132139

Ion	Ratio	Lower	Upper
117	100		
82	59.4	49.2	73.8
119	32.5	25.1	37.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045604.D
Acq: 04 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#03

Tgt Ion:152 Resp: 54499

Ion	Ratio	Lower	Upper
152	100		
115	65.9	46.9	140.7
150	158.4	0.0	349.4