Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
Data File : VX044823.D
Acq On : 03 Feb 2025 18:27
Operator : JC/MD
Sample : Q1239-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
348

Quant Time: Feb 04 02:13:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	103546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	186902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75391	48.236	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.480%			
35) Dibromofluoromethane	5.379	113	65595	48.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.740%			
50) Toluene-d8	8.647	98	252058	53.852	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.700%			
62) 4-Bromofluorobenzene	11.079	95	85717	49.126	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.260%			
Target Compounds						Qvalue
16) Acetone	2.386	43	49644	80.282	ug/l	94
18) Methyl Acetate	2.703	43	2613	1.370	ug/l #	87
20) Methylene Chloride	2.782	84	3423	2.377	ug/l	92
25) 2-Butanone	4.574	43	8379	9.114	ug/l	92
43) Isopropyl Acetate	6.342	43	127173	34.740	ug/l	99

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

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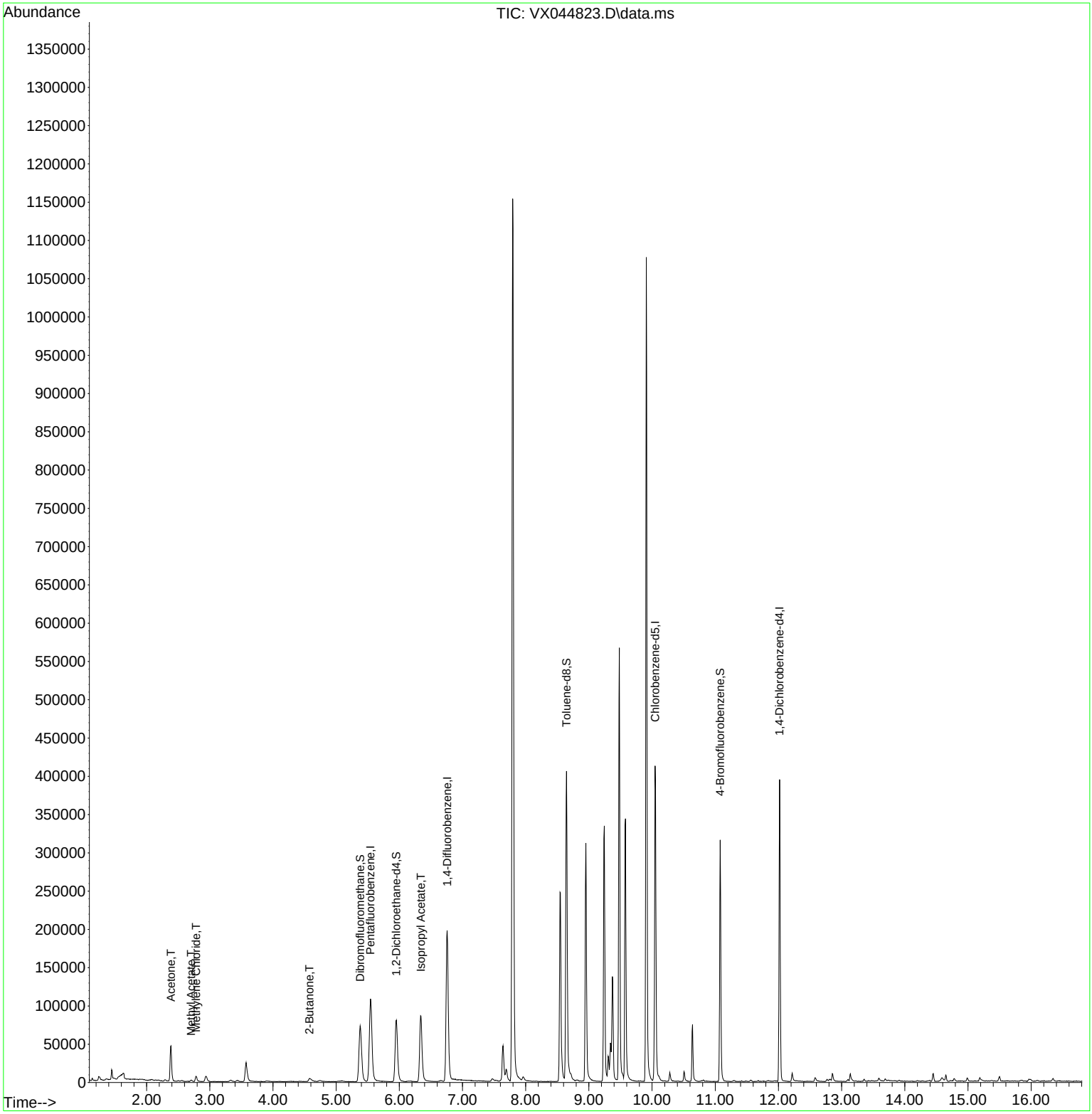
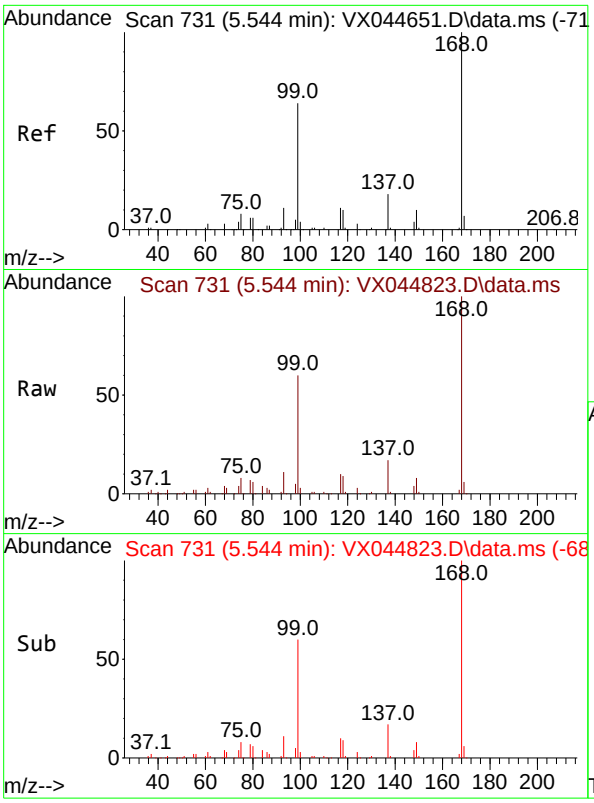


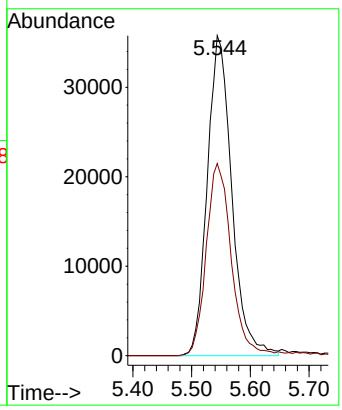


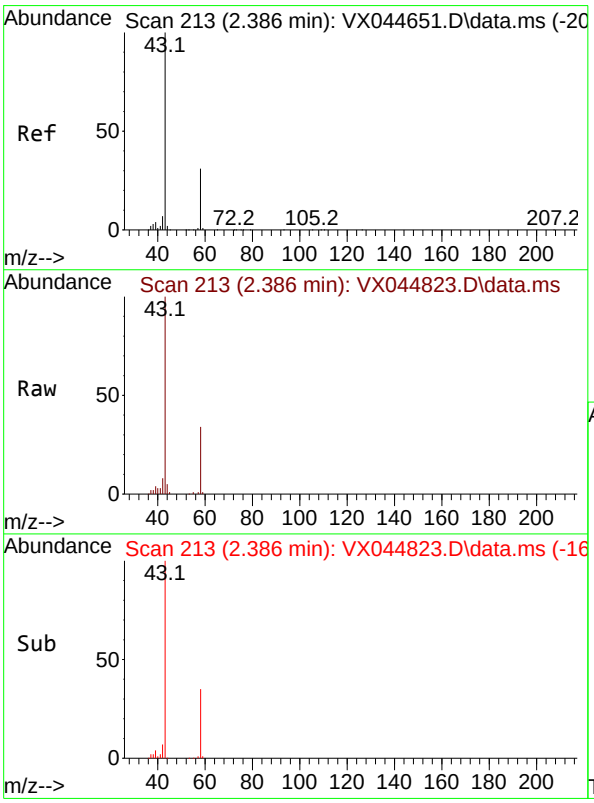
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
348

Tgt Ion:168 Resp: 103546

Ion	Ratio	Lower	Upper
168	100		
99	60.1	51.1	76.7

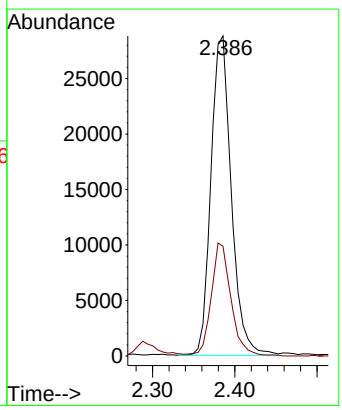


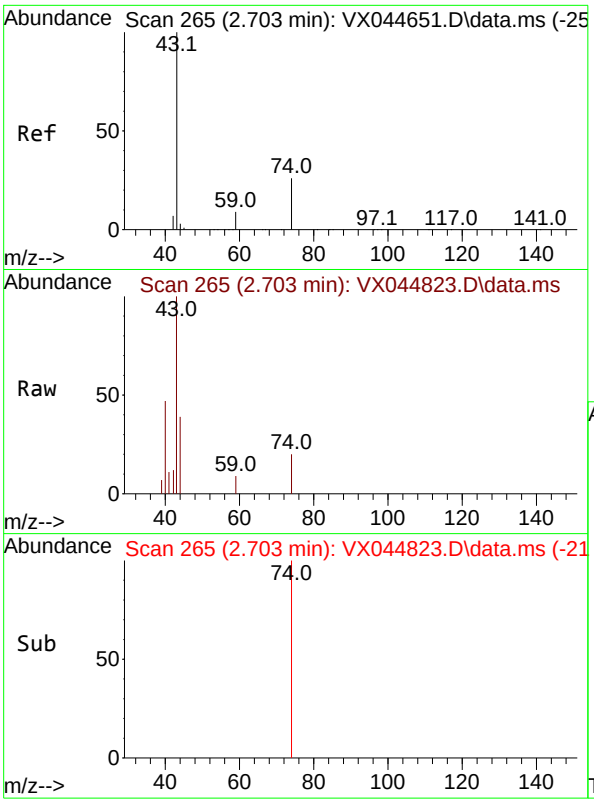


#16
Acetone
Concen: 80.282 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Tgt Ion: 43 Resp: 49644

Ion	Ratio	Lower	Upper
43	100		
58	34.1	24.6	37.0



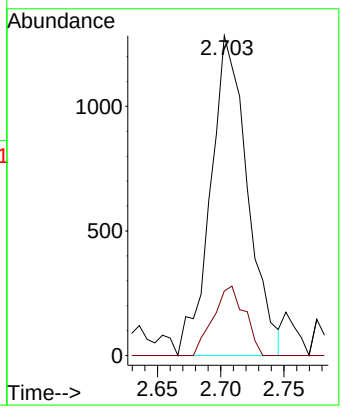


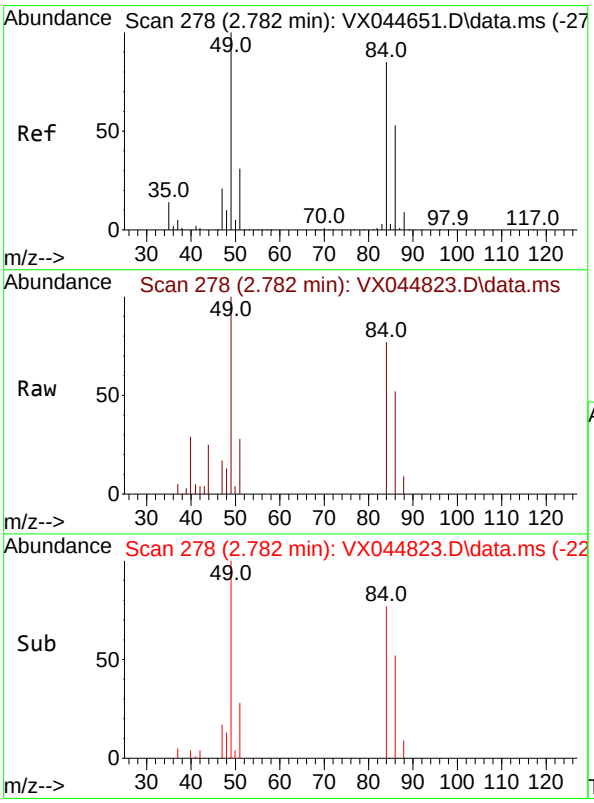
#18
Methyl Acetate
Concen: 1.370 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
348

Tgt Ion: 43 Resp: 2613

Ion	Ratio	Lower	Upper
43	100		
74	18.5	19.8	29.8#

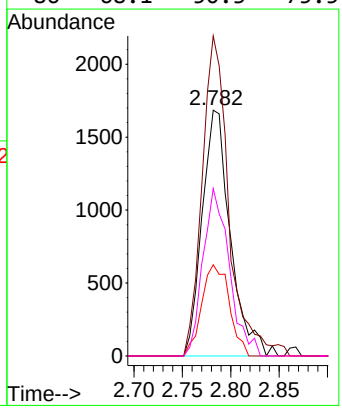


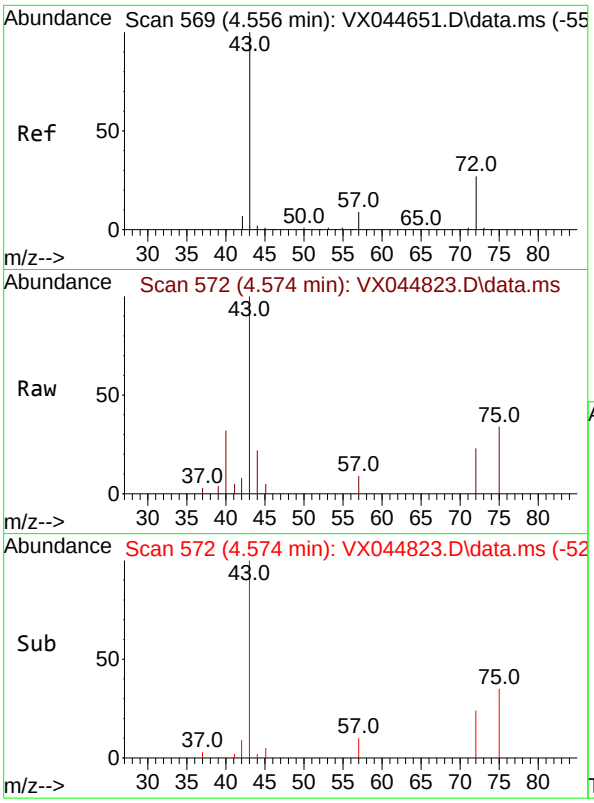


#20
Methylene Chloride
Concen: 2.377 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Tgt Ion: 84 Resp: 3423

Ion	Ratio	Lower	Upper
84	100		
49	130.2	94.2	141.4
51	37.1	28.8	43.2
86	68.1	50.3	75.5



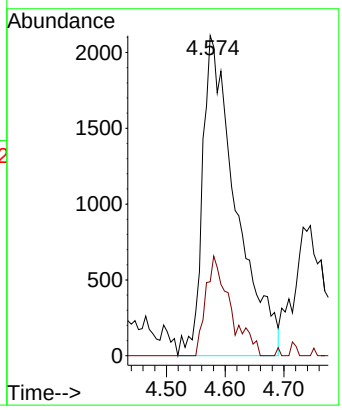


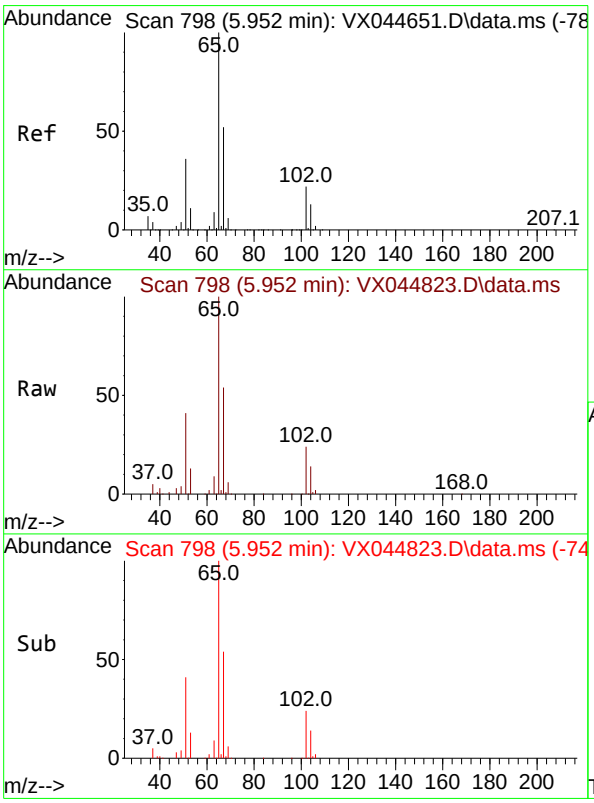
#25
2-Butanone
Concen: 9.114 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
348

Tgt Ion: 43 Resp: 8379

Ion	Ratio	Lower	Upper
43	100		
72	23.1	21.7	32.5

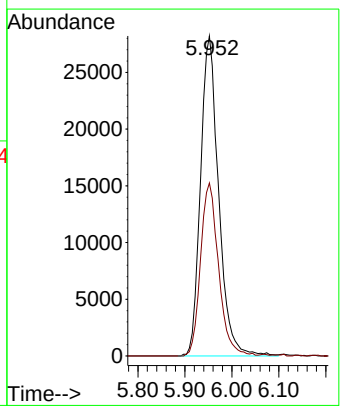


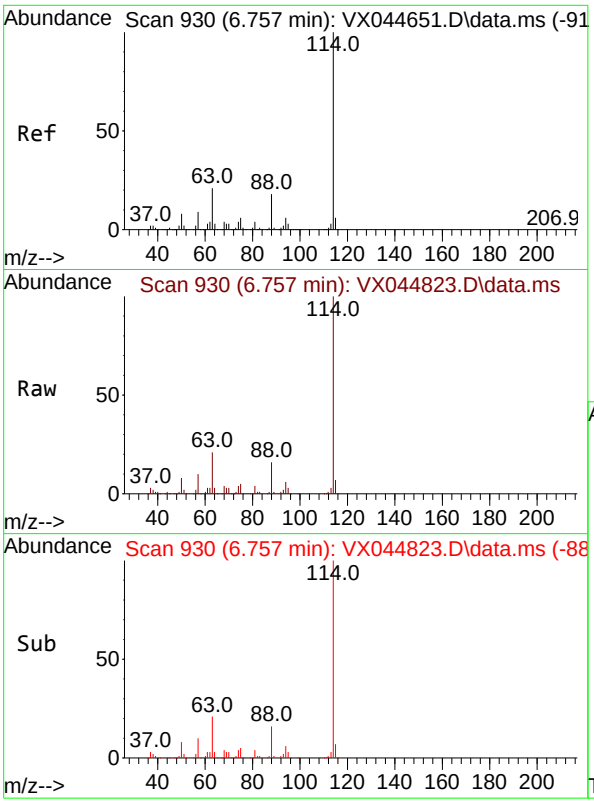


#33
1,2-Dichloroethane-d4
Concen: 48.236 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Tgt Ion: 65 Resp: 75391

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	103.4



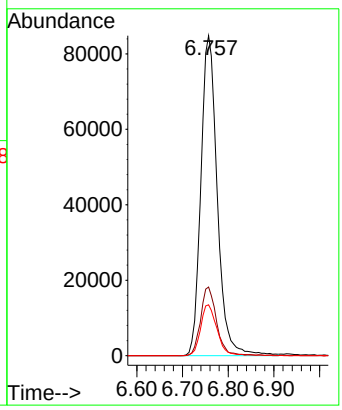


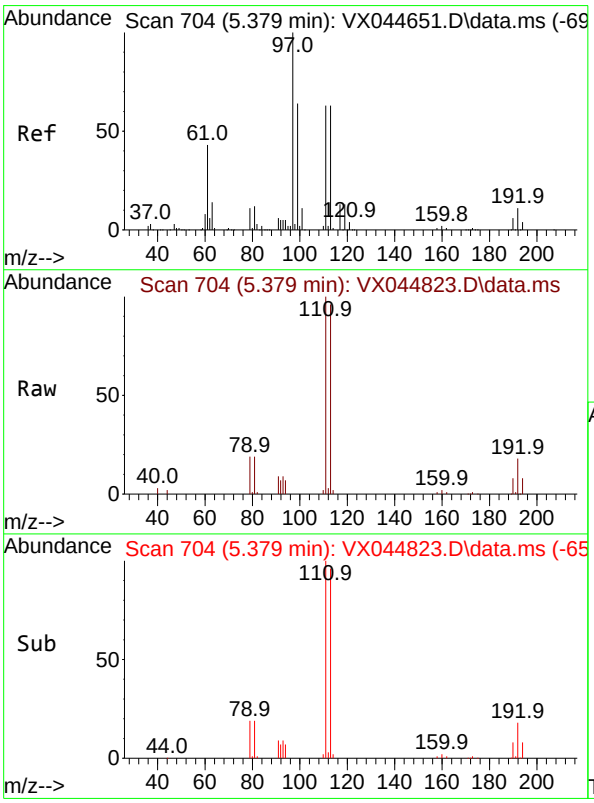
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
348

Tgt Ion:114 Resp: 211300

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.0
88	15.9	0.0	35.4

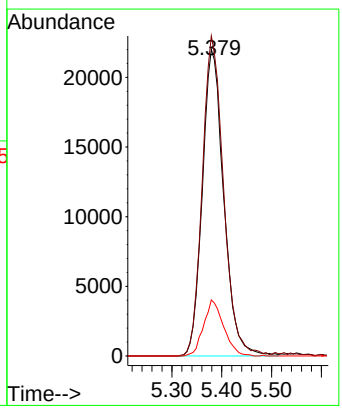


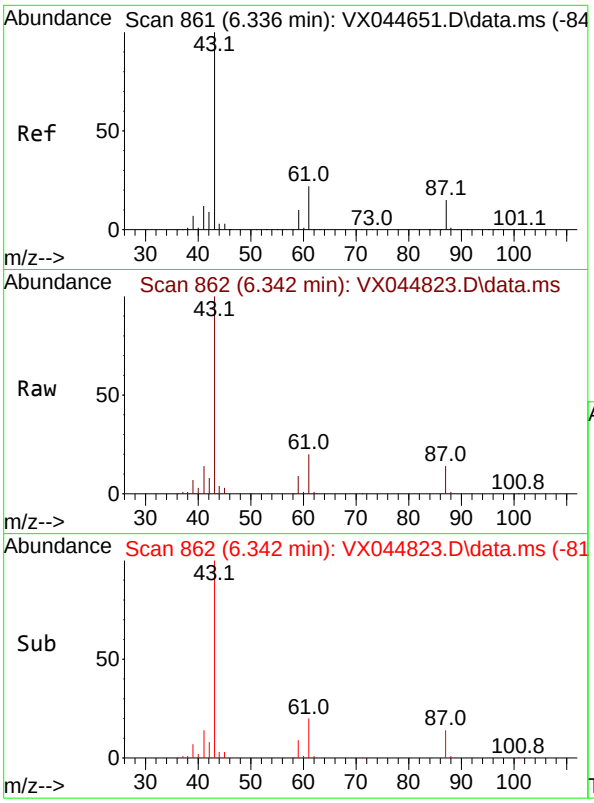


#35
Dibromofluoromethane
Concen: 48.866 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Tgt Ion:113 Resp: 65595

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.6	122.4
192	17.1	14.4	21.6



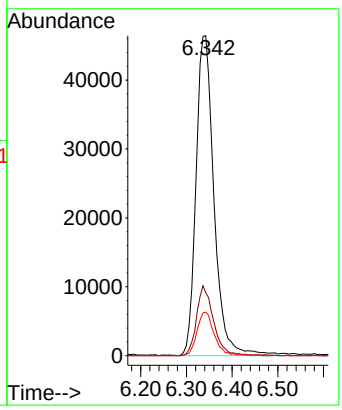


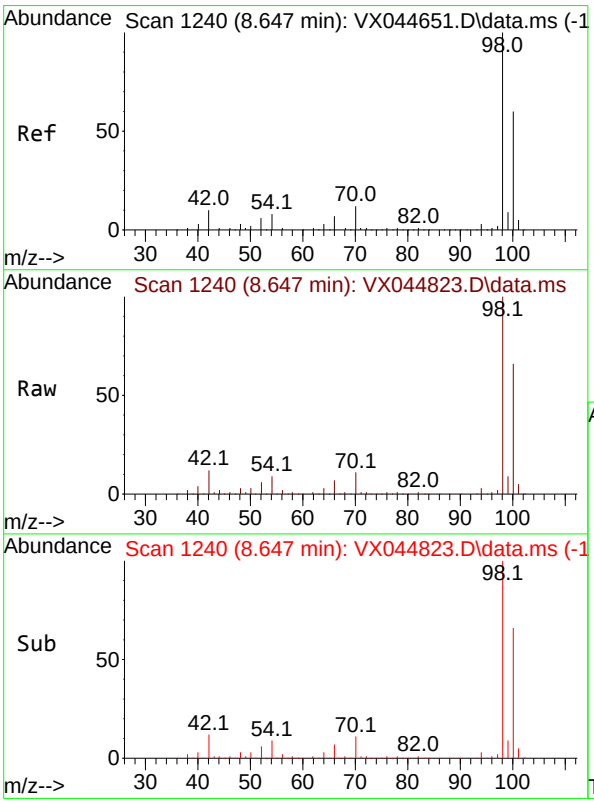
#43
Isopropyl Acetate
Concen: 34.740 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
348

Tgt Ion: 43 Resp: 127173

Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	13.1	11.0	16.6

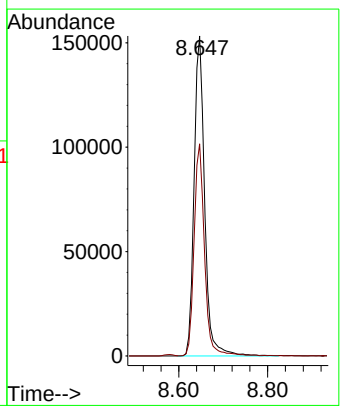


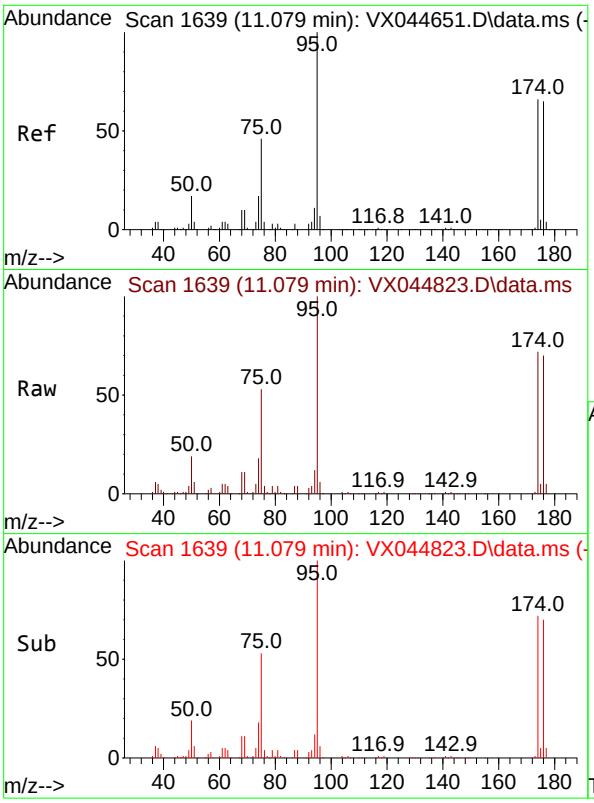


#50
Toluene-d8
Concen: 53.852 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Tgt Ion: 98 Resp: 252058

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.2	79.8



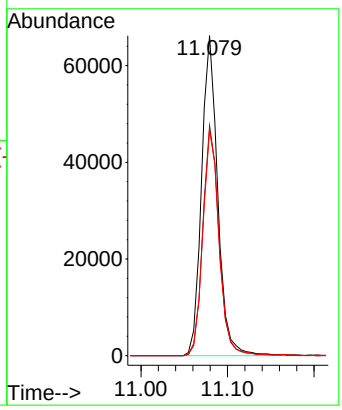


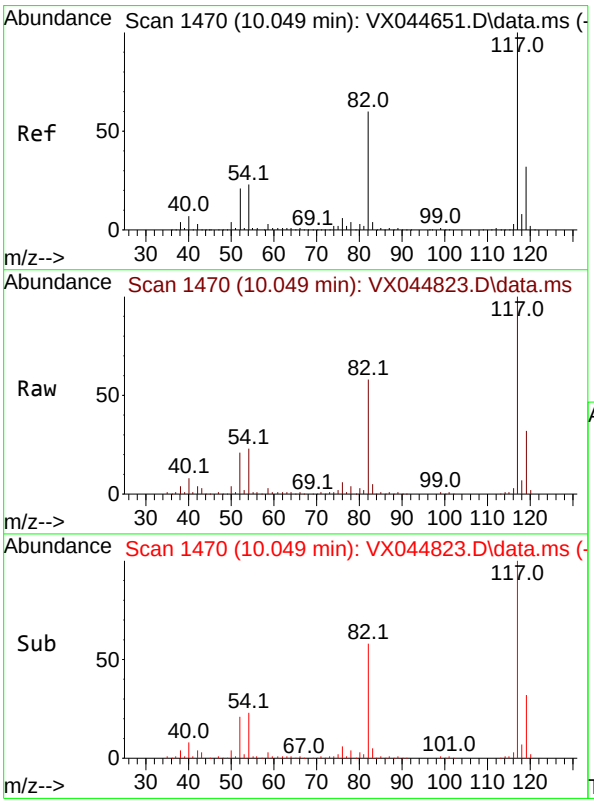
#62
4-Bromofluorobenzene
Concen: 49.126 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
348

Tgt Ion: 95 Resp: 85717

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	133.0
176	70.9	0.0	129.4

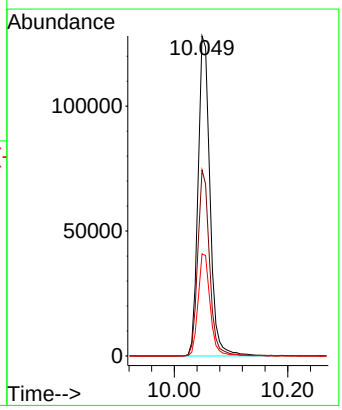


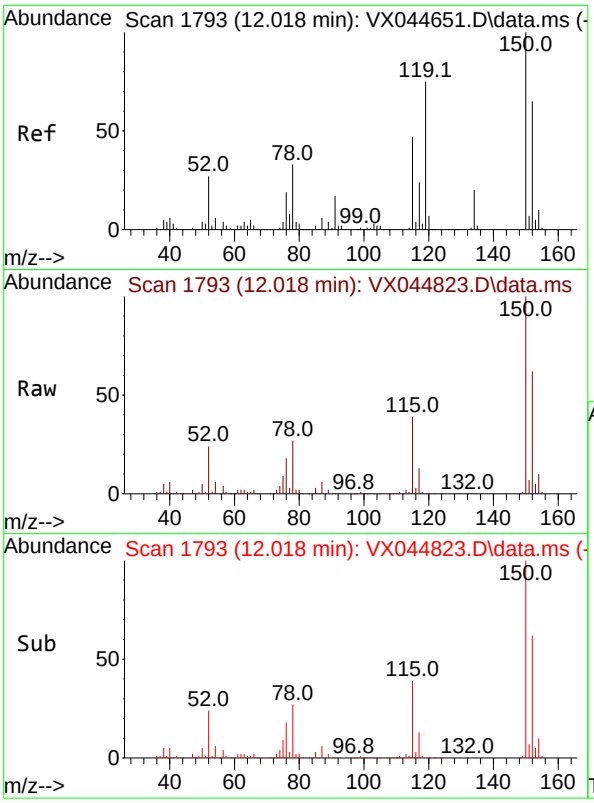


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Tgt Ion:117 Resp: 186902

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.6	71.4
119	31.9	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044823.D
Acq: 03 Feb 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
348

Tgt Ion:152 Resp: 78275

Ion	Ratio	Lower	Upper
152	100		
115	63.1	43.8	131.4
150	158.4	0.0	347.8