Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
Data File : VX045303.D
Acq On : 17 Mar 2025 14:16
Operator : JC/MD
Sample : PB167134TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167134TB

Quant Time: Mar 18 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	71609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	62648	55.000	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.000%			
35) Dibromofluoromethane	5.385	113	48972	51.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	8.647	98	178772	51.694	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.380%			
62) 4-Bromofluorobenzene	11.079	95	63340	55.272	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.540%			
Target Compounds						Qvalue
16) Acetone	2.386	43	32624	61.731	ug/l	100
18) Methyl Acetate	2.703	43	1840	1.447	ug/l	95
20) Methylene Chloride	2.782	84	3036	2.900	ug/l	93
25) 2-Butanone	4.574	43	15740	19.786	ug/l	97
43) Isopropyl Acetate	6.342	43	70631	28.336	ug/l	99

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

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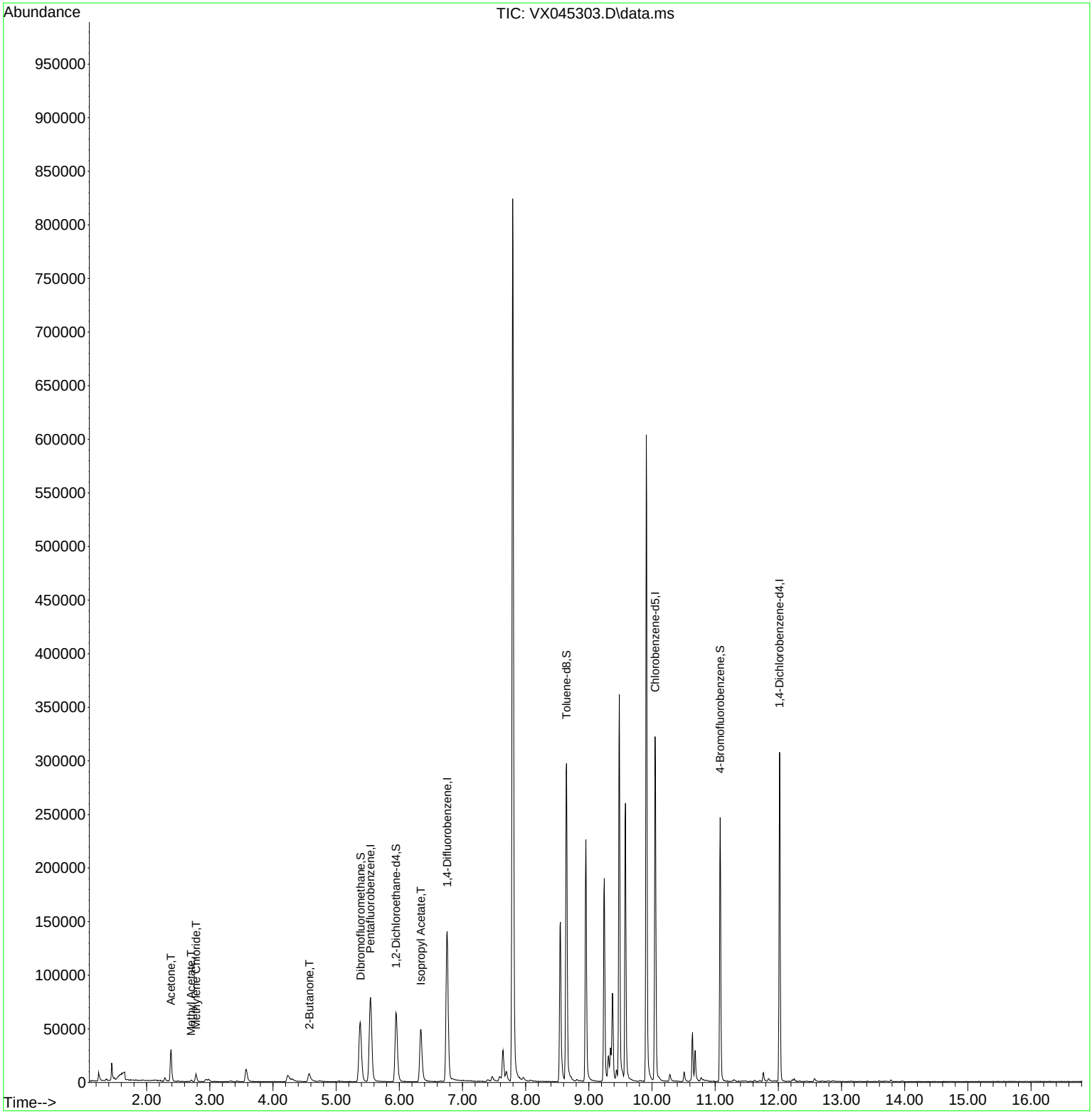
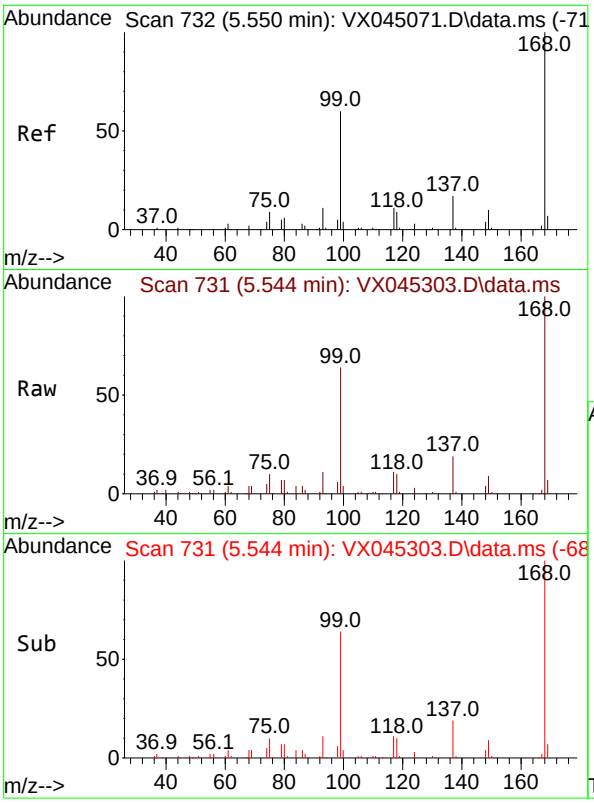


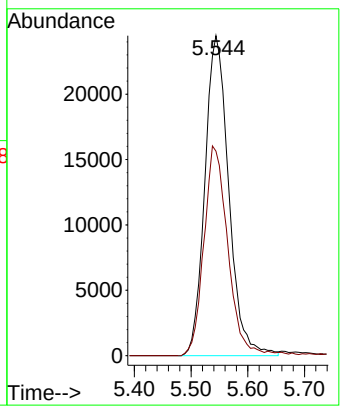


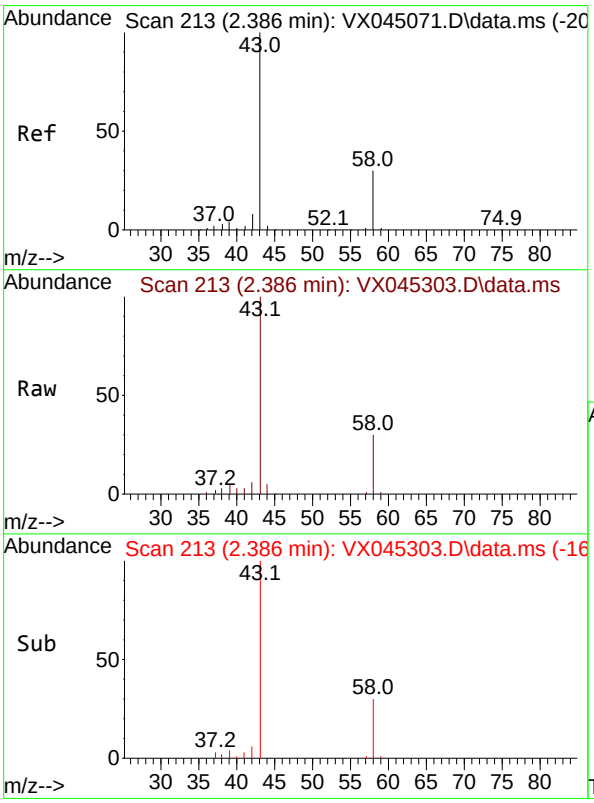
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
PB167134TB

Tgt Ion:168 Resp: 71609

Ion	Ratio	Lower	Upper
168	100		
99	63.9	48.2	72.4

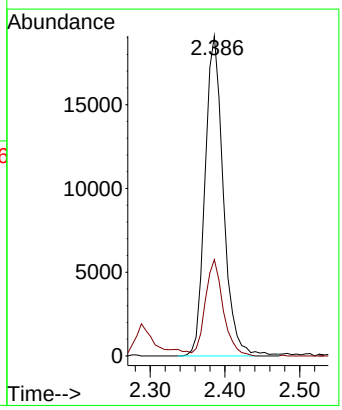


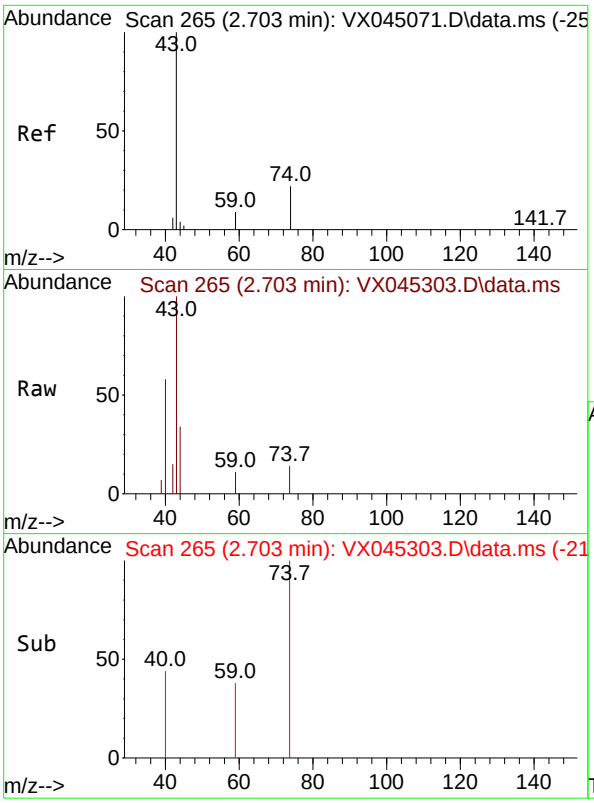


#16
Acetone
Concen: 61.731 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Tgt Ion: 43 Resp: 32624

Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.2	36.4



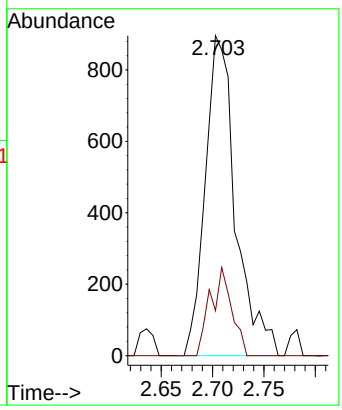


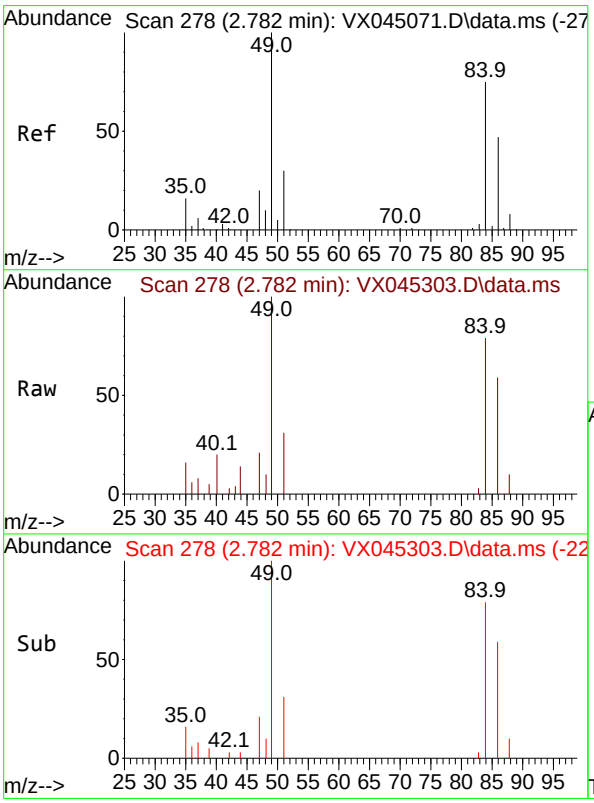
#18
Methyl Acetate
Concen: 1.447 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
PB167134TB

Tgt Ion: 43 Resp: 1840

Ion	Ratio	Lower	Upper
43	100		
74	19.3	17.4	26.2

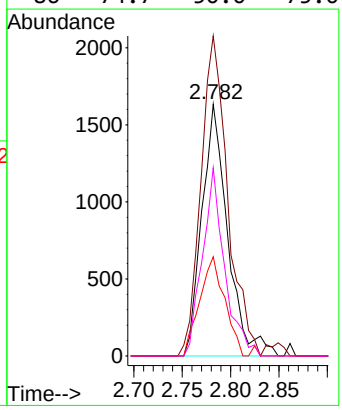


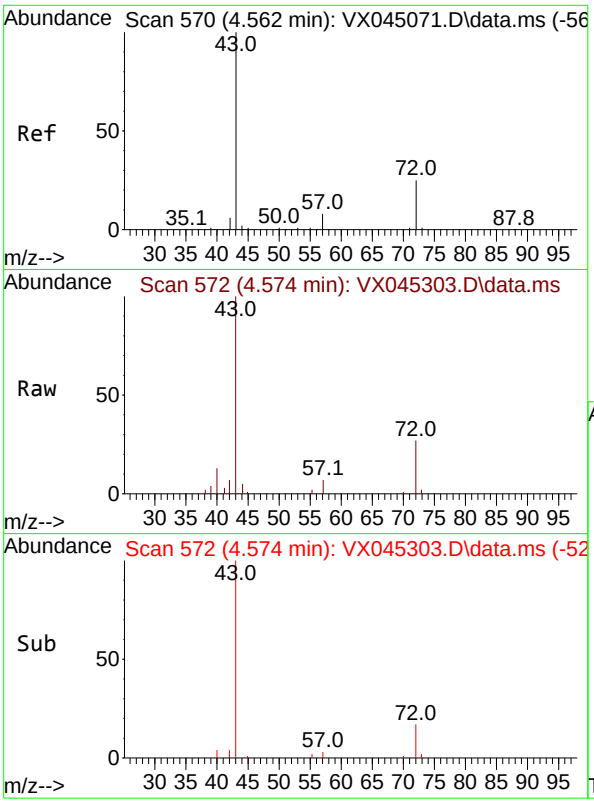


#20
Methylene Chloride
Concen: 2.900 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Tgt Ion: 84 Resp: 3036

Ion	Ratio	Lower	Upper
84	100		
49	127.1	106.5	159.7
51	39.4	32.1	48.1
86	74.7	50.0	75.0



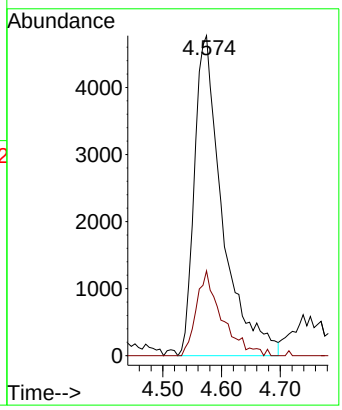


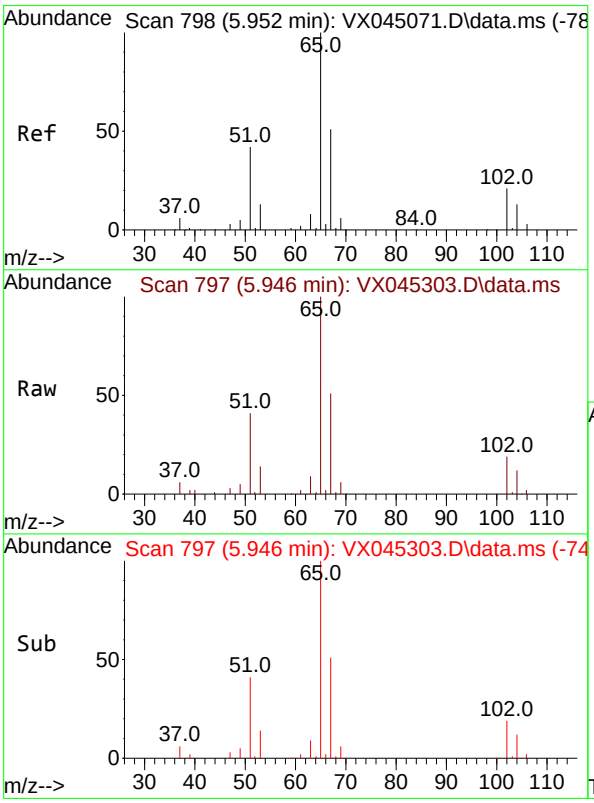
#25
2-Butanone
Concen: 19.786 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
PB167134TB

Tgt Ion: 43 Resp: 15740

Ion	Ratio	Lower	Upper
43	100		
72	26.5	20.0	30.0

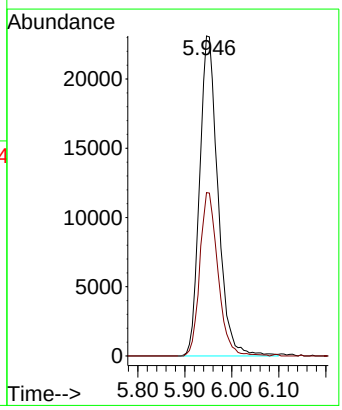


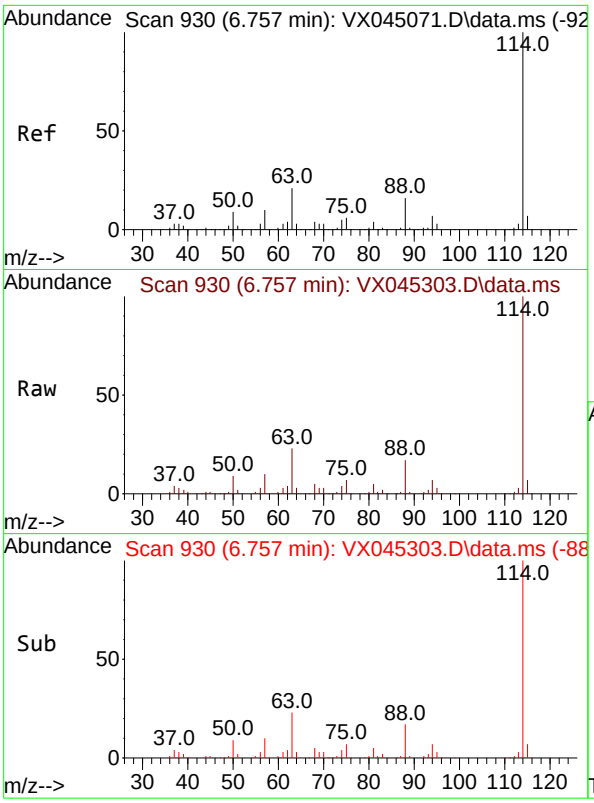


#33
1,2-Dichloroethane-d4
Concen: 55.000 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Tgt Ion: 65 Resp: 62648

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	106.2



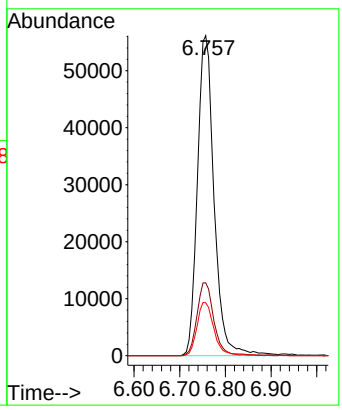


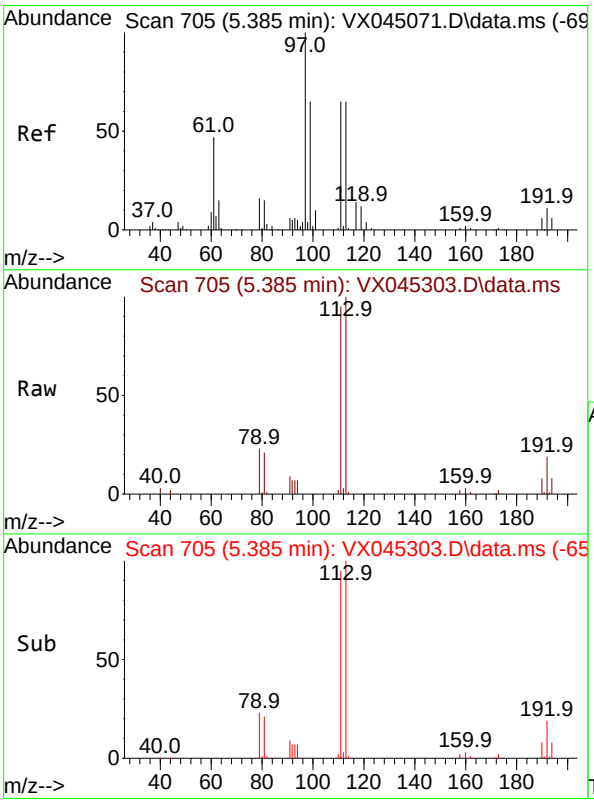
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
PB167134TB

Tgt Ion:114 Resp: 142657

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	41.8
88	16.6	0.0	32.8

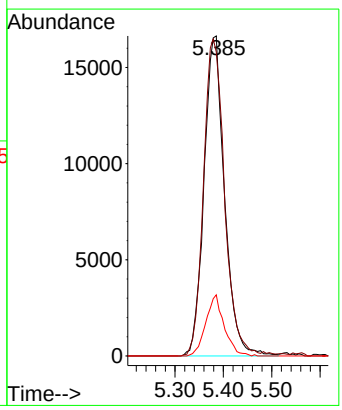


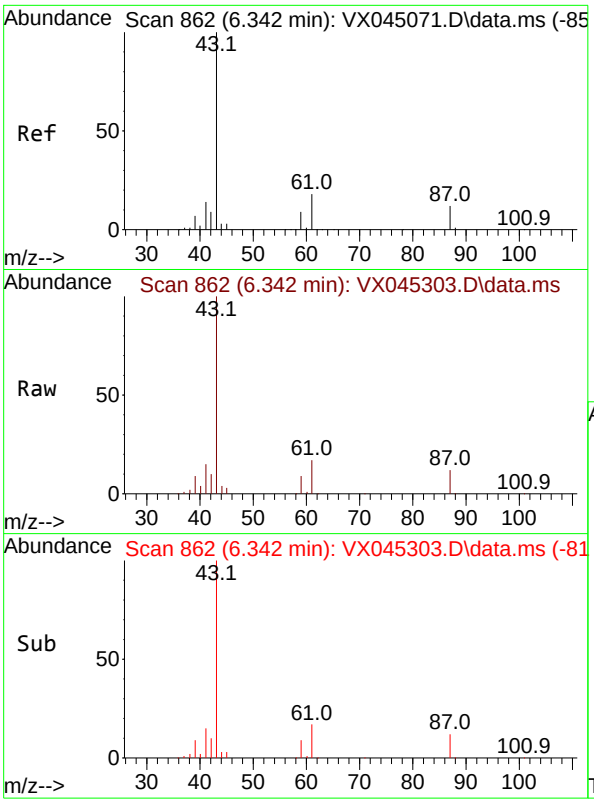


#35
Dibromofluoromethane
Concen: 51.338 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Tgt Ion:113 Resp: 48972

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.6
192	17.2	14.3	21.5



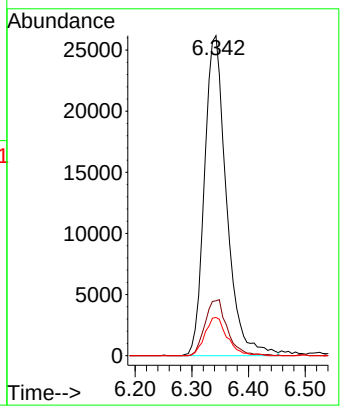


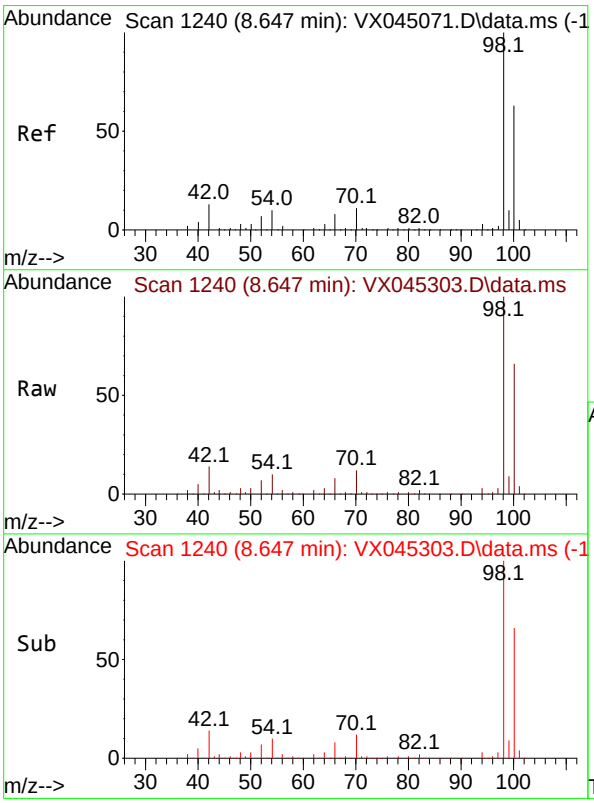
#43
Isopropyl Acetate
Concen: 28.336 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
PB167134TB

Tgt Ion: 43 Resp: 70631

Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.9	22.3
87	11.9	9.4	14.2

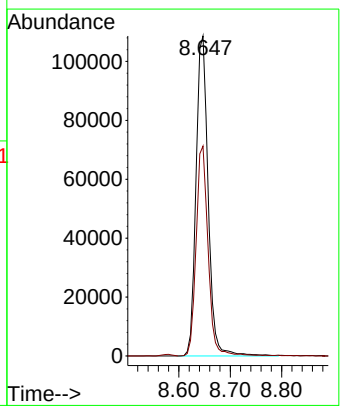


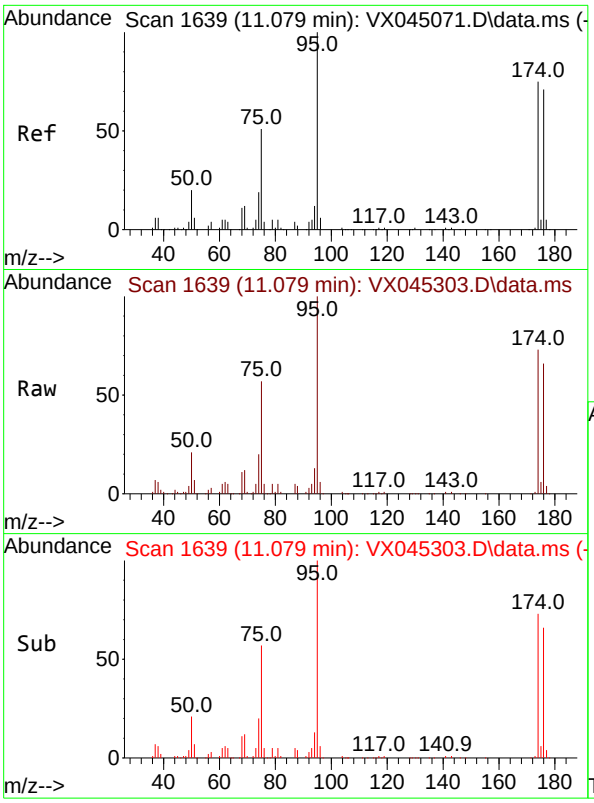


#50
Toluene-d8
Concen: 51.694 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Tgt Ion: 98 Resp: 178772

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0



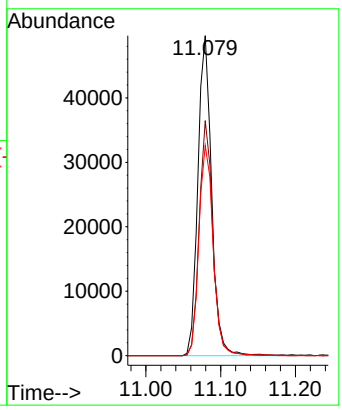


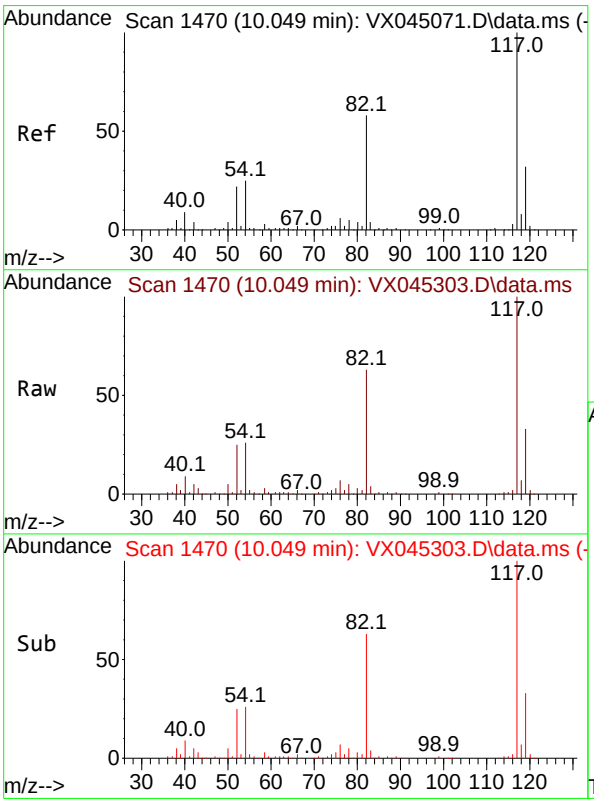
#62
4-Bromofluorobenzene
Concen: 55.272 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
PB167134TB

Tgt Ion: 95 Resp: 63340

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	148.2
176	68.3	0.0	141.4

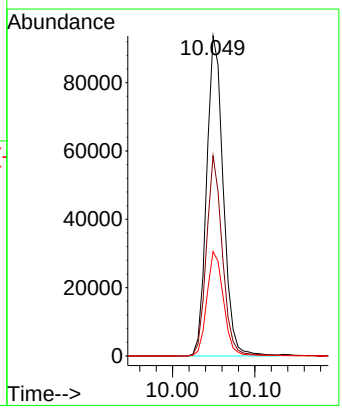


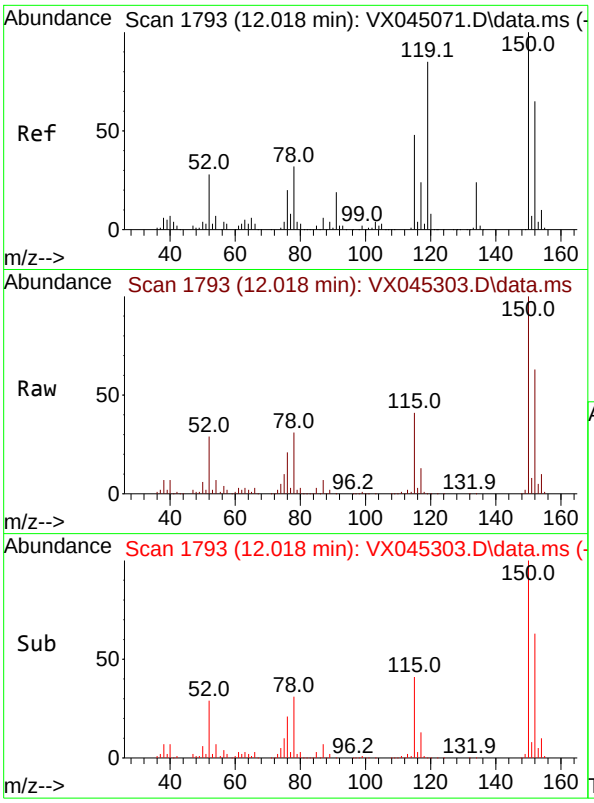


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Tgt Ion:117 Resp: 131231

Ion	Ratio	Lower	Upper
117	100		
82	62.5	46.3	69.5
119	32.6	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045303.D
Acq: 17 Mar 2025 14:16

Instrument :
MSVOA_X
ClientSampleId :
PB167134TB

Tgt Ion:152 Resp: 57228

Ion	Ratio	Lower	Upper
152	100		
115	63.2	44.2	132.6
150	159.1	0.0	349.0