Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045704.D
Acq On : 10 Apr 2025 17:19
Operator : JC/MD
Sample : PB167534ZHE#10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#10

Quant Time: Apr 11 02:00:27 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	5.543	168	67663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68650	55.480	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.960%			
35) Dibromofluoromethane	5.379	113	48227	50.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.060%			
50) Toluene-d8	8.646	98	170215	51.095	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.200%			
62) 4-Bromofluorobenzene	11.079	95	64257	52.955	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.900%			
Target Compounds						Qvalue
16) Acetone	2.385	43	23012	45.290	ug/l	98
18) Methyl Acetate	2.702	43	2400	2.052	ug/l	94
20) Methylene Chloride	2.788	84	3177	3.340	ug/l	90
43) Isopropyl Acetate	6.348	43	9634	3.914	ug/l	97

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

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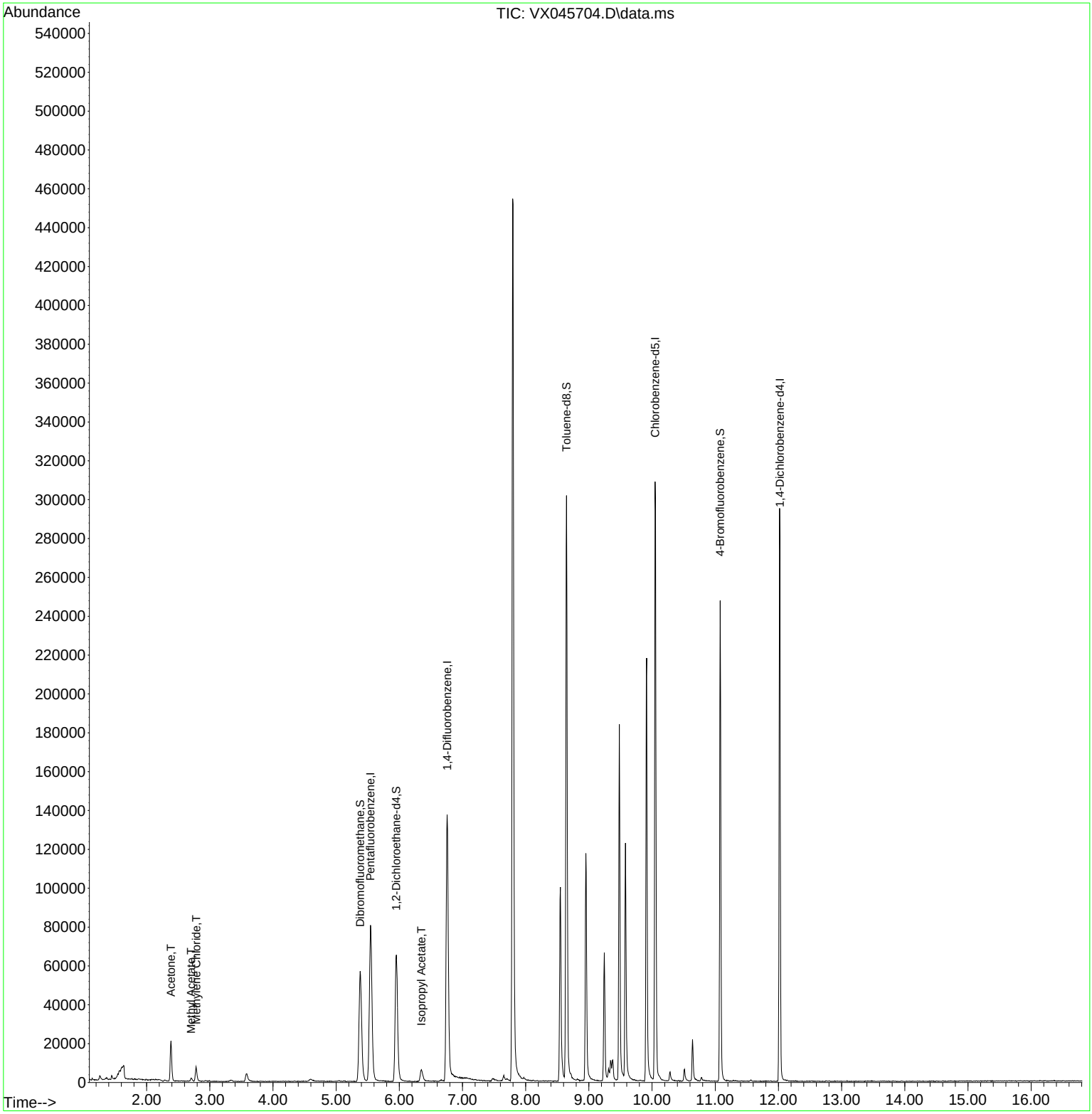
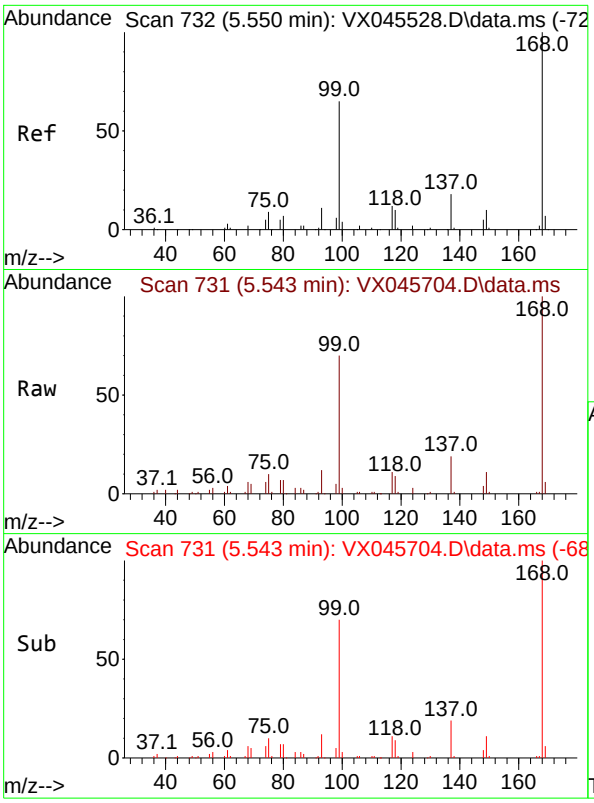


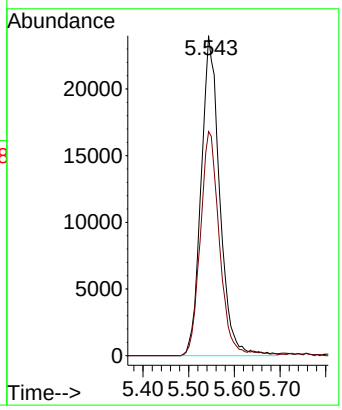


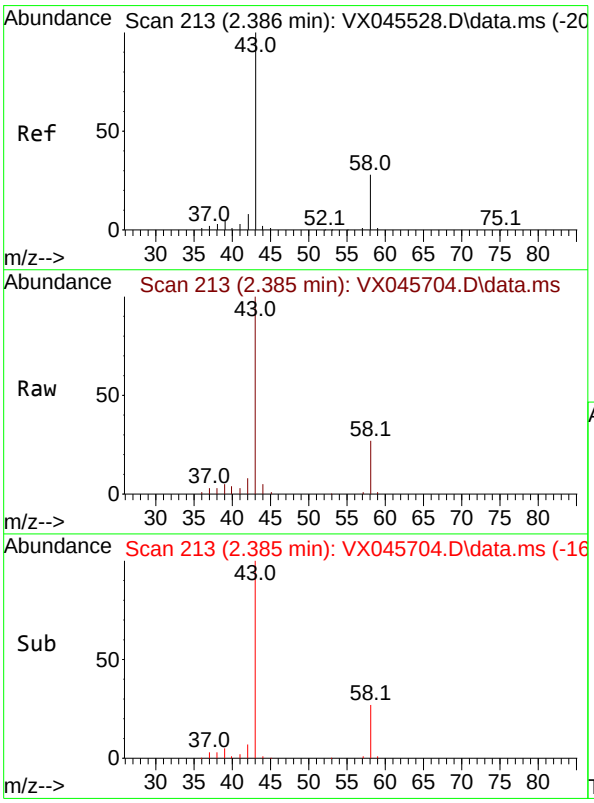
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#10

Tgt Ion:168 Resp: 67663

Ion	Ratio	Lower	Upper
168	100		
99	70.1	52.3	78.5

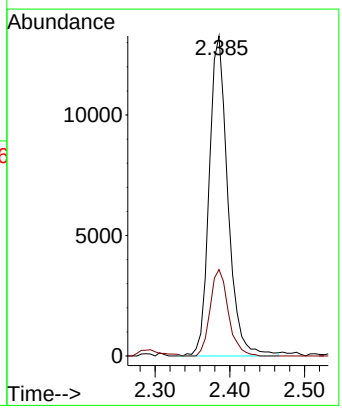


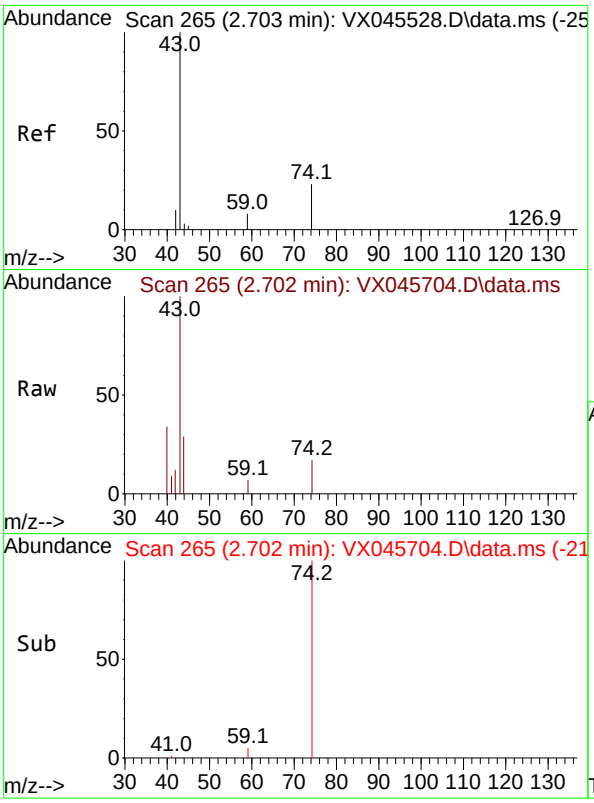


#16
Acetone
Concen: 45.290 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Tgt Ion: 43 Resp: 23012

Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.3	33.5



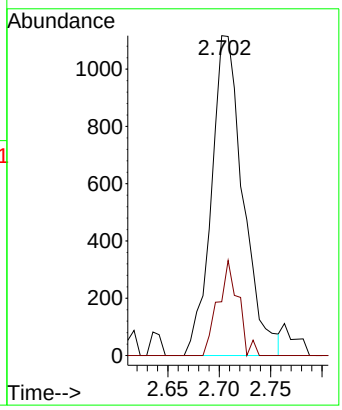


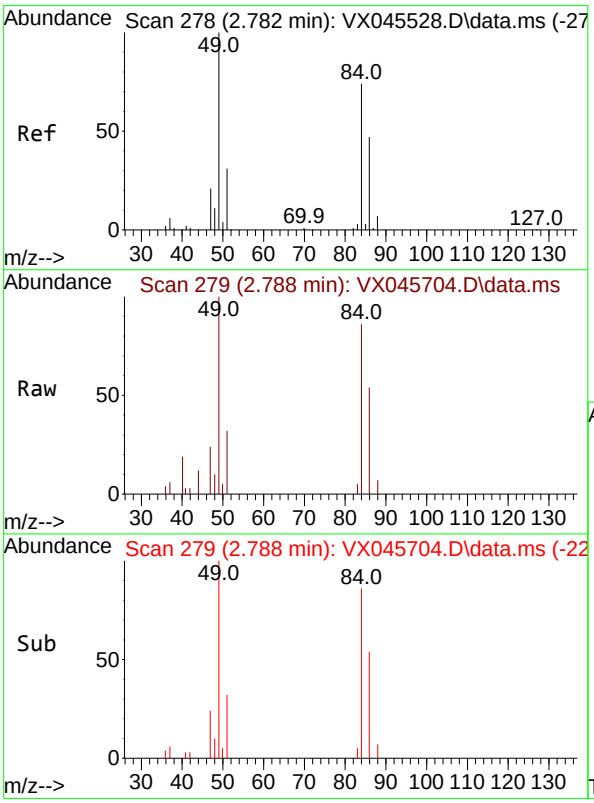
#18
Methyl Acetate
Concen: 2.052 ug/l
RT: 2.702 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#10

Tgt Ion: 43 Resp: 2400

Ion	Ratio	Lower	Upper
43	100		
74	19.0	17.5	26.3

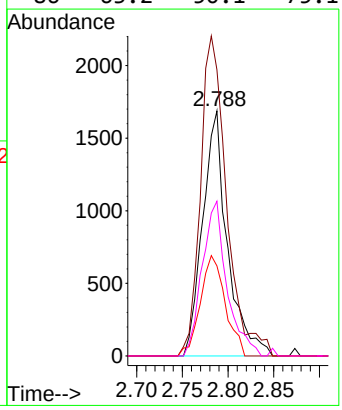


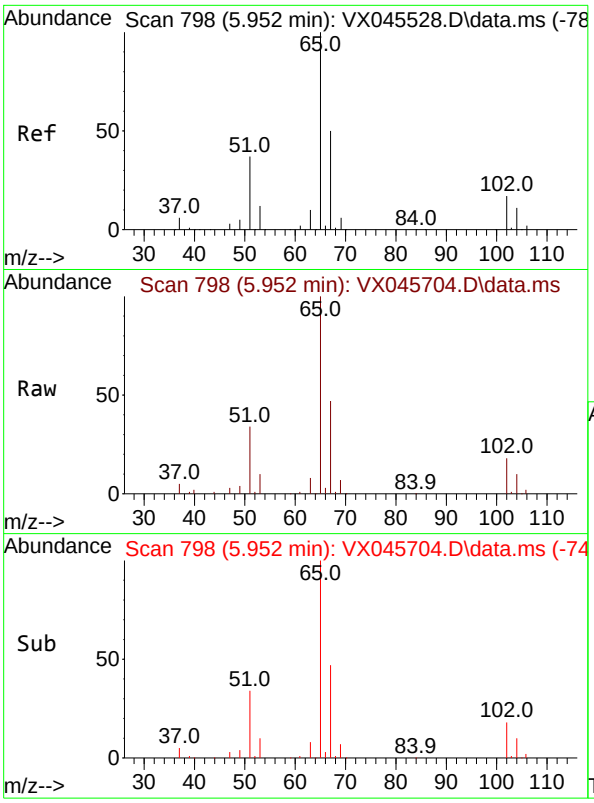


#20
Methylene Chloride
Concen: 3.340 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Tgt Ion: 84 Resp: 3177

Ion	Ratio	Lower	Upper
84	100		
49	116.8	107.5	161.3
51	36.8	33.0	49.6
86	63.2	50.1	75.1



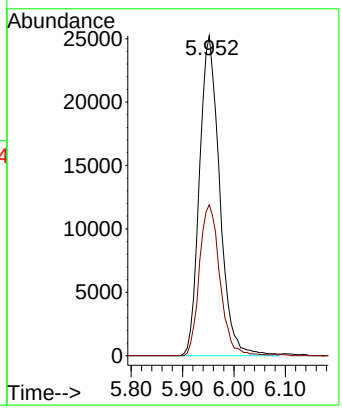


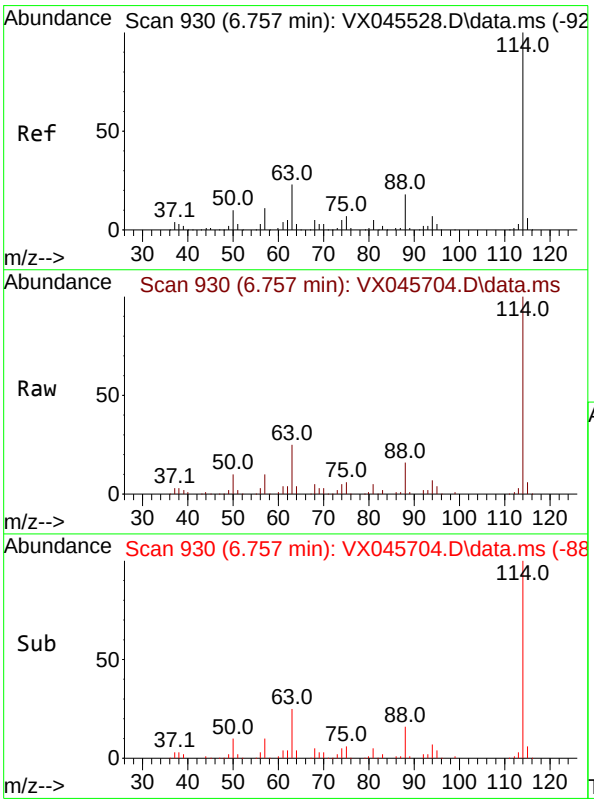
#33
1,2-Dichloroethane-d4
Concen: 55.480 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#10

Tgt Ion: 65 Resp: 68650

Ion	Ratio	Lower	Upper
65	100		
67	47.9	0.0	99.0

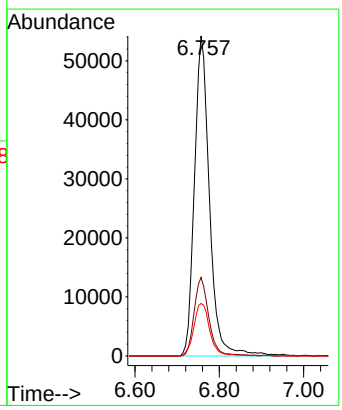


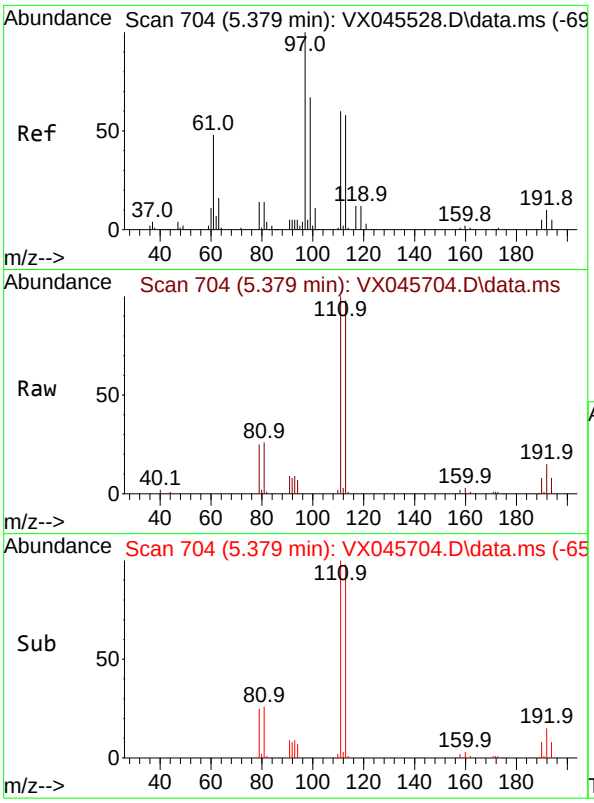


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Tgt Ion:114 Resp: 134521

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	46.8
88	16.4	0.0	35.4



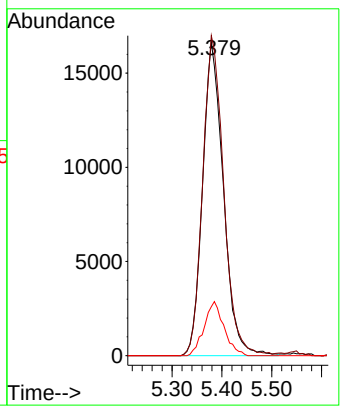


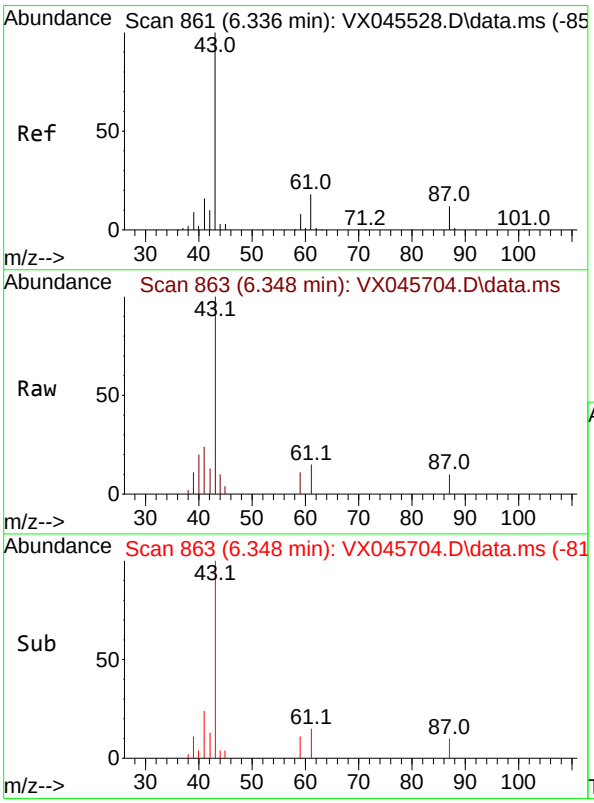
#35
Dibromofluoromethane
Concen: 50.530 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#10

Tgt Ion:113 Resp: 48227

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.6
192	16.5	13.8	20.6

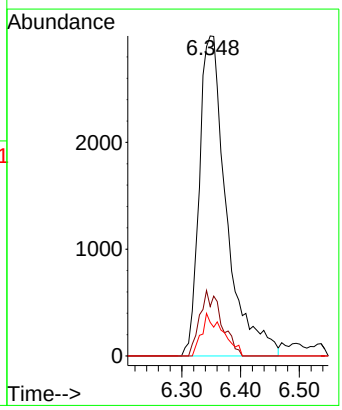


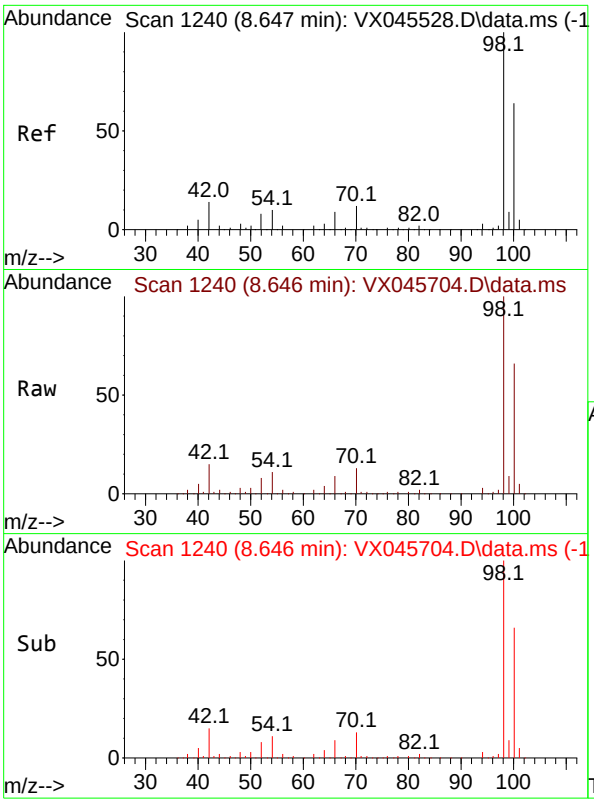


#43
Isopropyl Acetate
Concen: 3.914 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Tgt Ion: 43 Resp: 9634

Ion	Ratio	Lower	Upper
43	100		
61	16.4	14.1	21.1
87	10.3	9.2	13.8



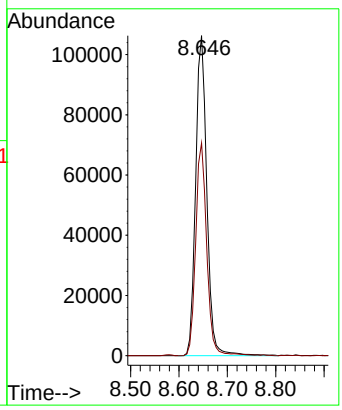


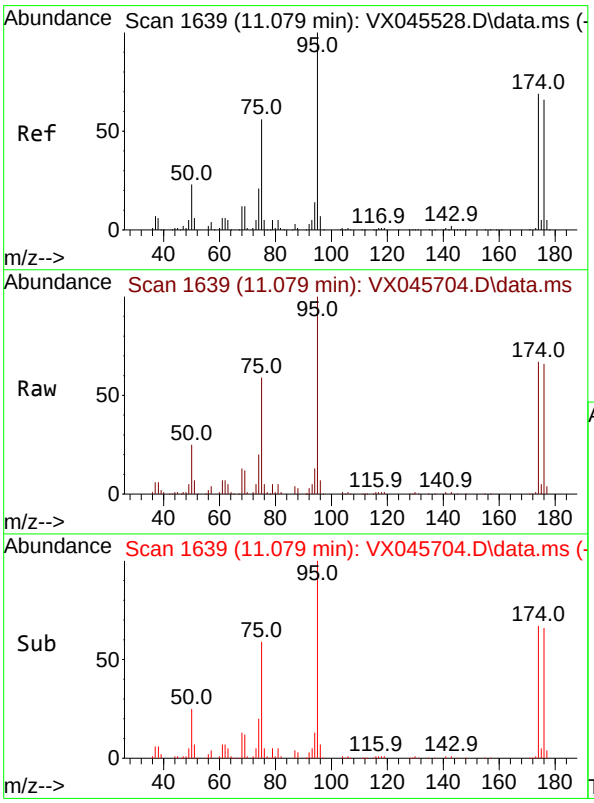
#50
Toluene-d8
Concen: 51.095 ug/l
RT: 8.646 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#10

Tgt Ion: 98 Resp: 170215

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.4

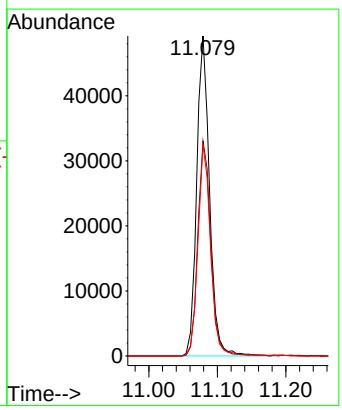


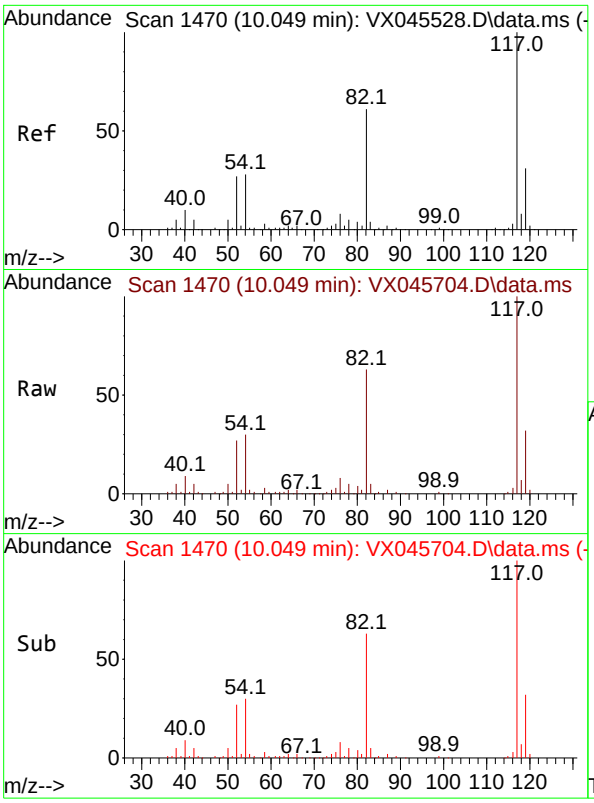


#62
4-Bromofluorobenzene
Concen: 52.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Tgt Ion: 95 Resp: 64257

Ion	Ratio	Lower	Upper
95	100		
174	68.0	0.0	135.8
176	64.8	0.0	131.4



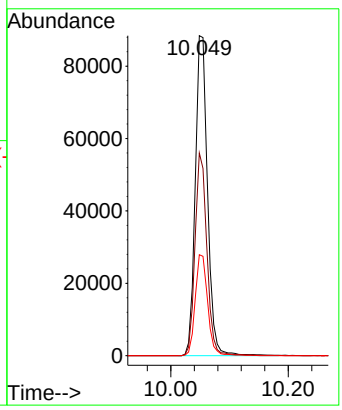


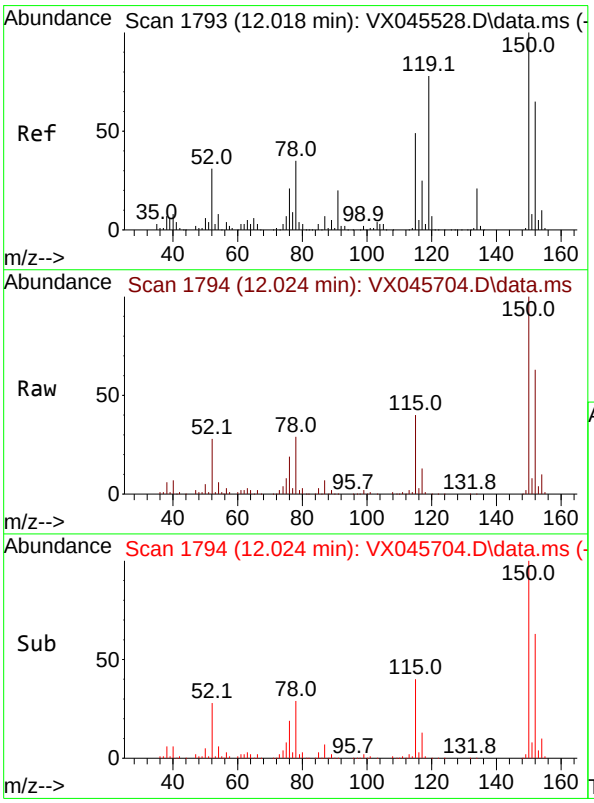
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#10

Tgt Ion:117 Resp: 128003

Ion	Ratio	Lower	Upper
117	100		
82	63.3	49.2	73.8
119	31.6	25.1	37.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045704.D
Acq: 10 Apr 2025 17:19

Tgt Ion:152 Resp: 54129

Ion	Ratio	Lower	Upper
152	100		
115	66.0	46.9	140.7
150	160.0	0.0	349.4