Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
Data File : VX045603.D
Acq On : 04 Apr 2025 16:42
Operator : JC/MD
Sample : PB167448ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#02

Quant Time: Apr 04 23:13:28 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	5.544	168	62613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	62443	54.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.060%			
35) Dibromofluoromethane	5.379	113	45031	50.051	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.100%			
50) Toluene-d8	8.647	98	161434	51.406	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.820%			
62) 4-Bromofluorobenzene	11.079	95	57704	50.446	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.900%			
Target Compounds						Qvalue
16) Acetone	2.386	43	40578	86.303	ug/l	97
18) Methyl Acetate	2.703	43	2603	2.405	ug/l #	82
20) Methylene Chloride	2.782	84	27153	30.847	ug/l	92
25) 2-Butanone	4.587	43	4670	6.785	ug/l	98
43) Isopropyl Acetate	6.354	43	7971	3.435	ug/l	95

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

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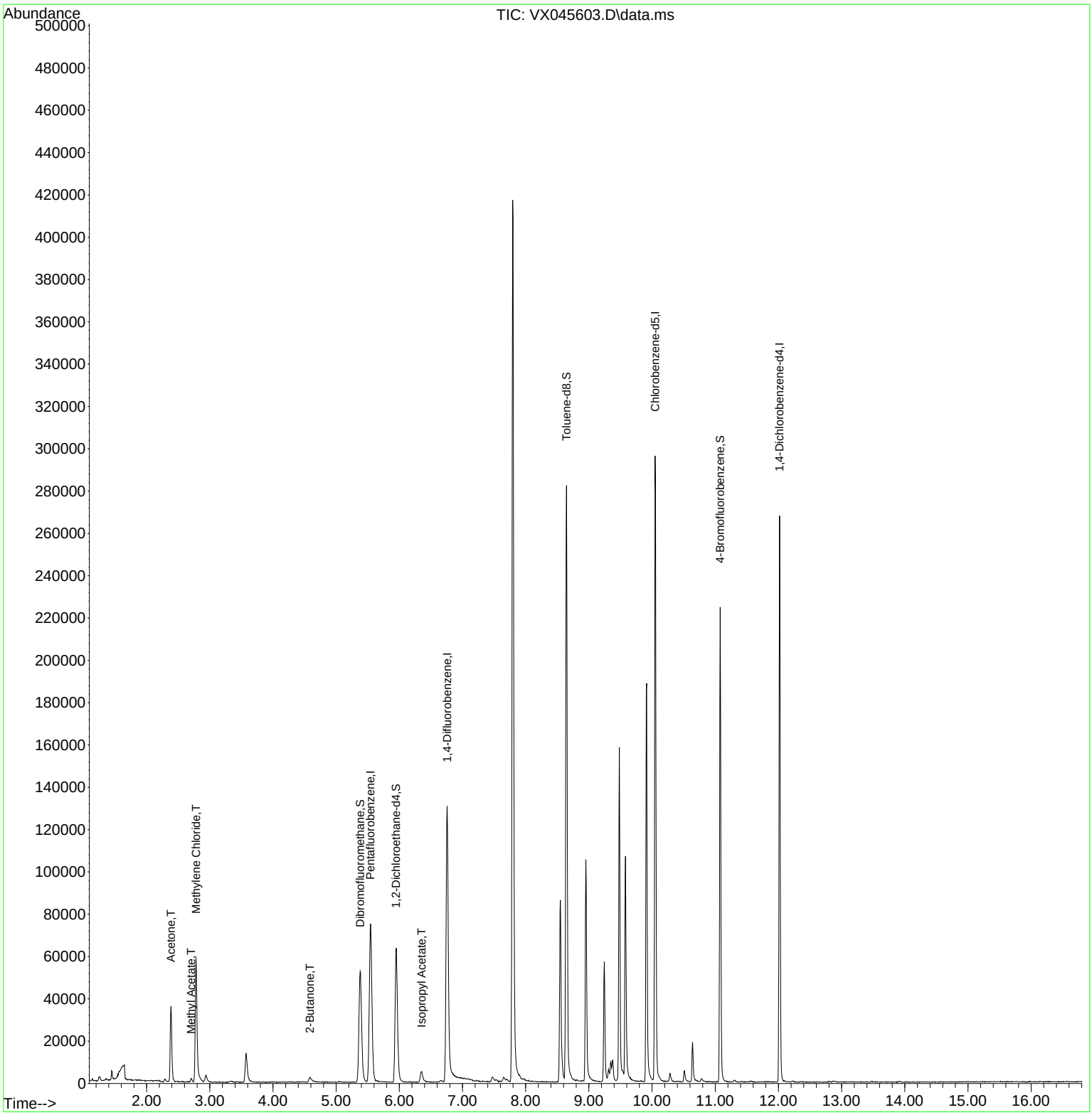
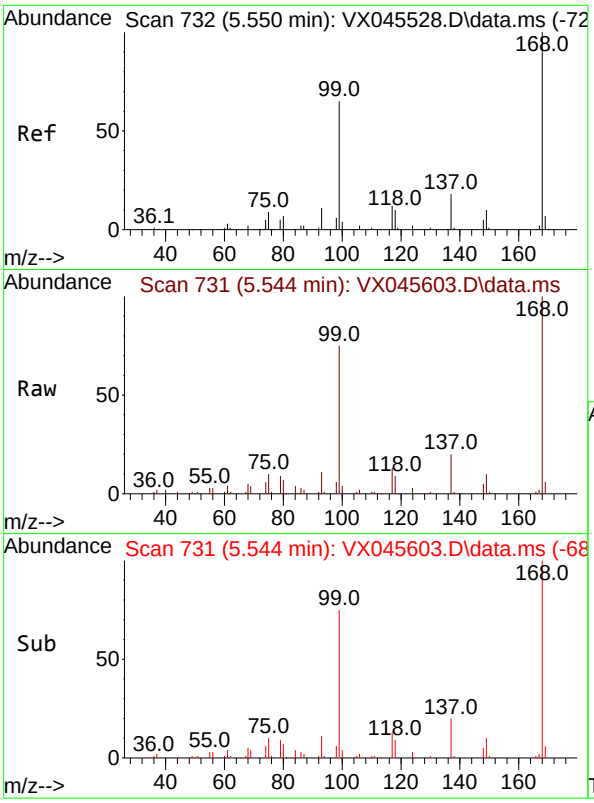


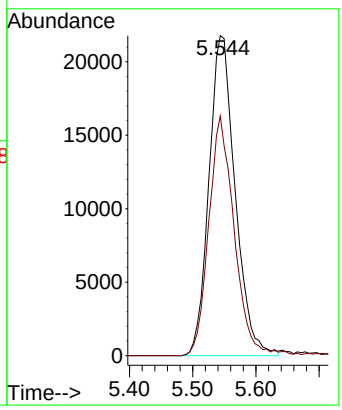


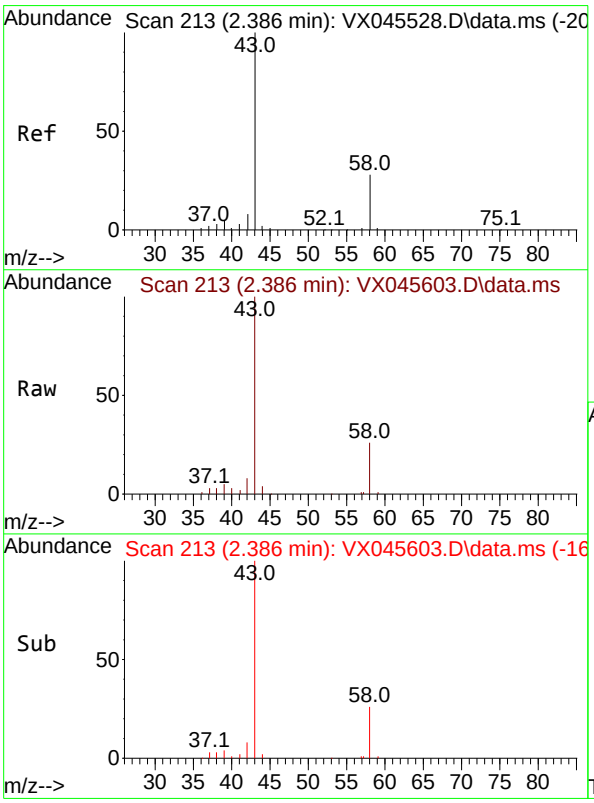
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#02

Tgt Ion:168 Resp: 62613

Ion	Ratio	Lower	Upper
168	100		
99	74.9	52.3	78.5

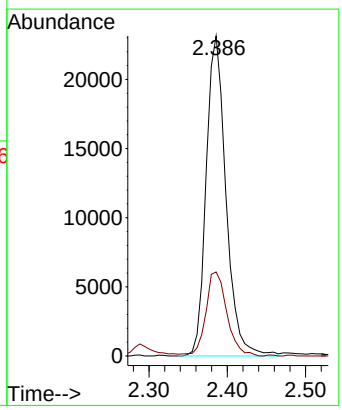


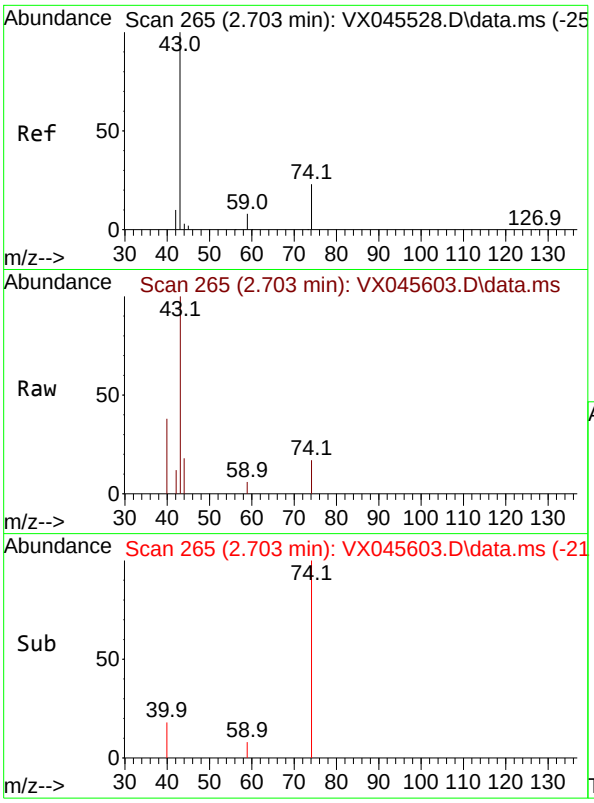


#16
Acetone
Concen: 86.303 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Tgt Ion: 43 Resp: 40578

Ion	Ratio	Lower	Upper
43	100		
58	26.3	22.3	33.5



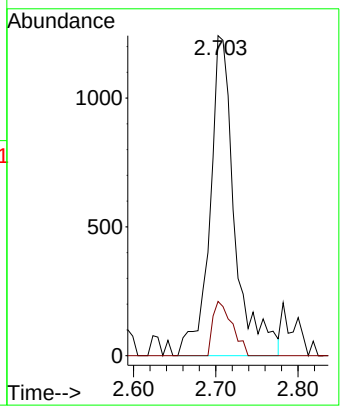


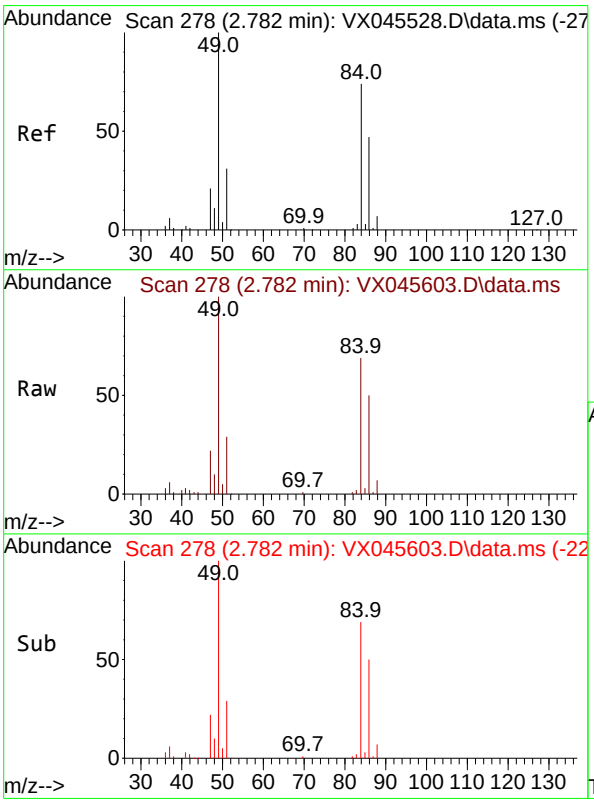
#18
Methyl Acetate
Concen: 2.405 ug/l
RT: 2.703 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#02

Tgt Ion: 43 Resp: 2603

Ion	Ratio	Lower	Upper
43	100		
74	13.2	17.5	26.3#

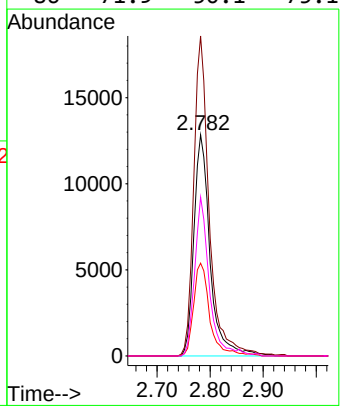


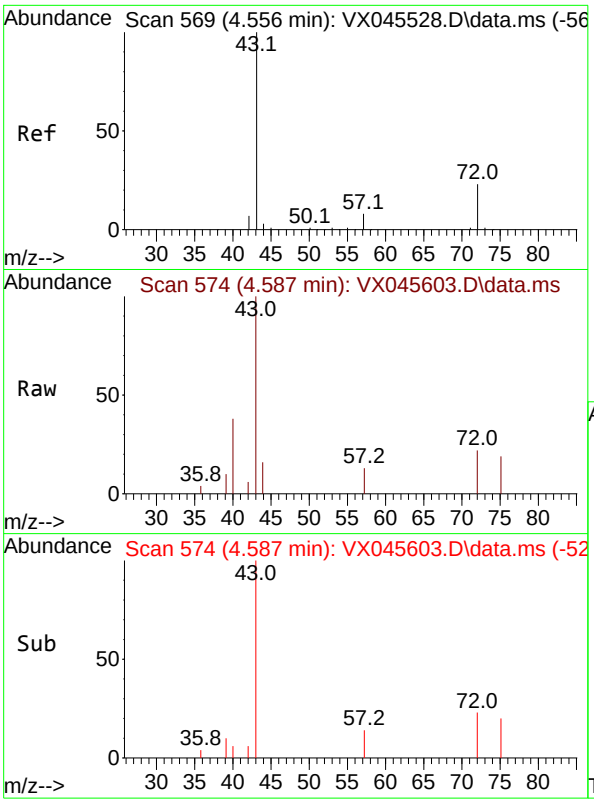


#20
Methylene Chloride
Concen: 30.847 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Tgt Ion: 84 Resp: 27153

Ion	Ratio	Lower	Upper
84	100		
49	144.7	107.5	161.3
51	42.0	33.0	49.6
86	71.9	50.1	75.1



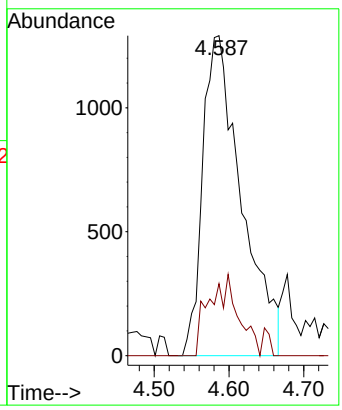


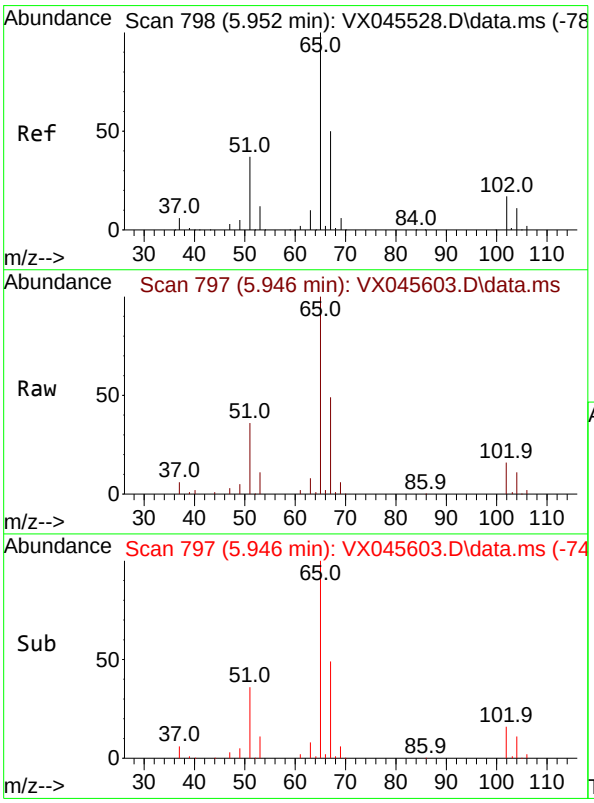
#25
2-Butanone
Concen: 6.785 ug/l
RT: 4.587 min Scan# 5
Delta R.T. 0.030 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#02

Tgt Ion: 43 Resp: 4670

Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.6	28.0

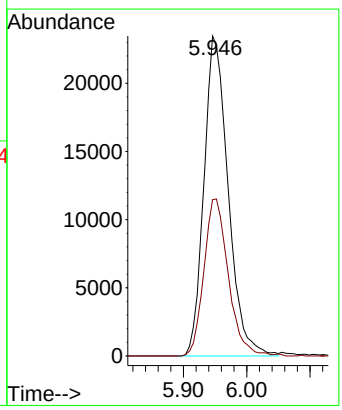


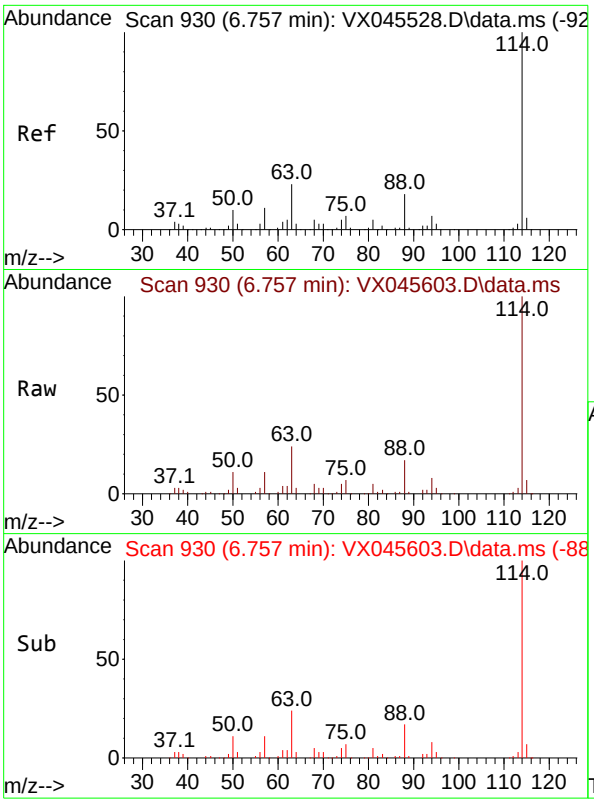


#33
1,2-Dichloroethane-d4
Concen: 54.534 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Tgt Ion: 65 Resp: 62443

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0



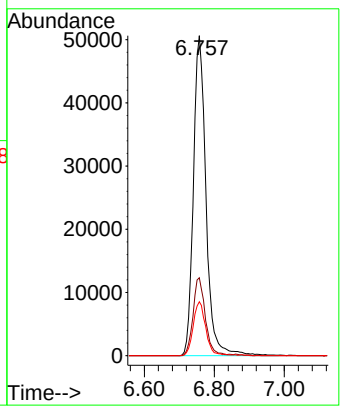


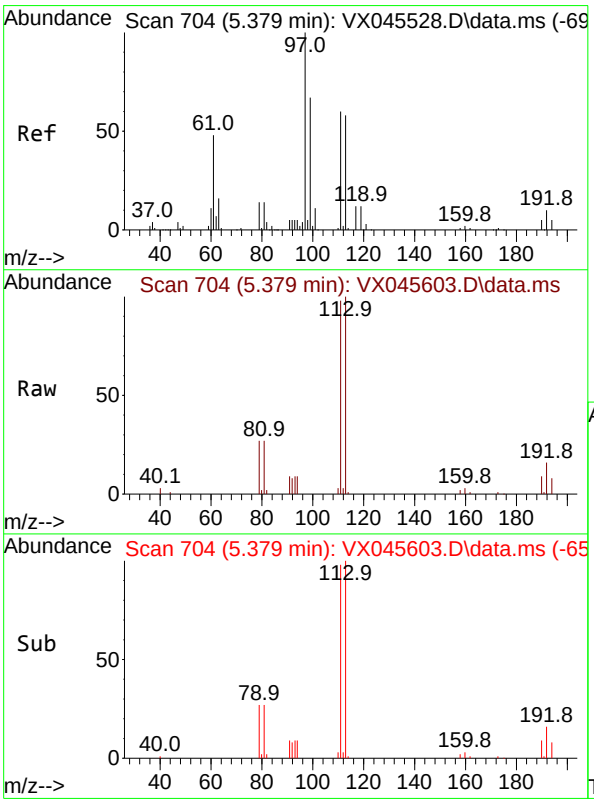
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#02

Tgt Ion:114 Resp: 126809

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	46.8
88	16.8	0.0	35.4

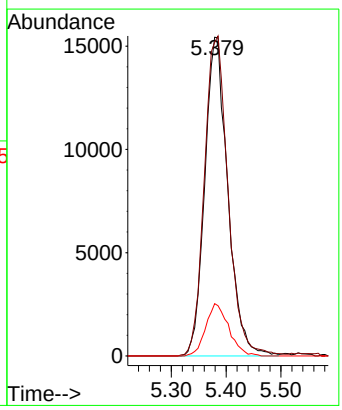


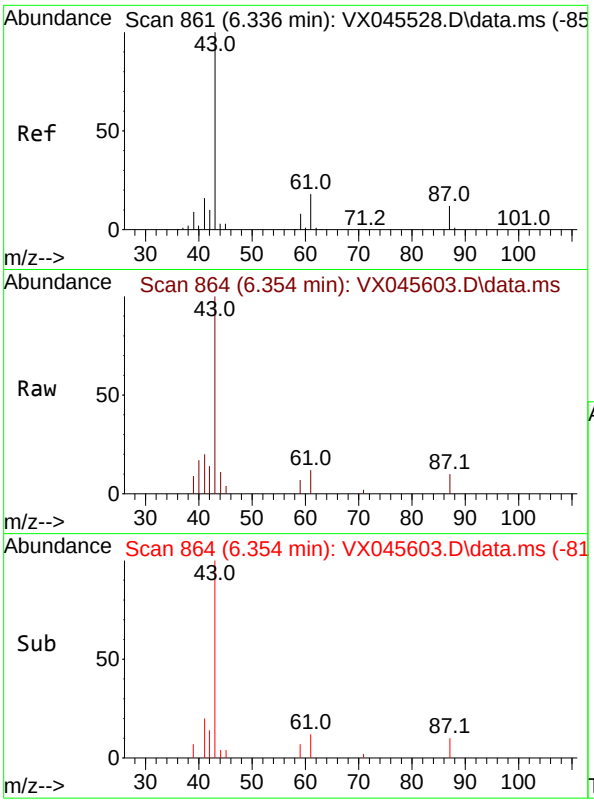


#35
Dibromofluoromethane
Concen: 50.051 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Tgt Ion:113 Resp: 45031

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.6
192	16.4	13.8	20.6



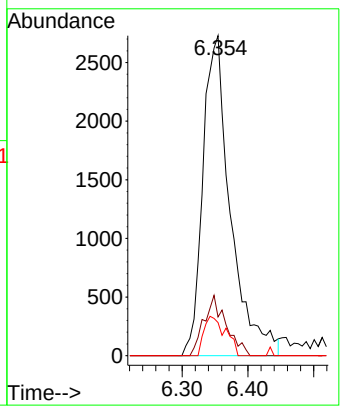


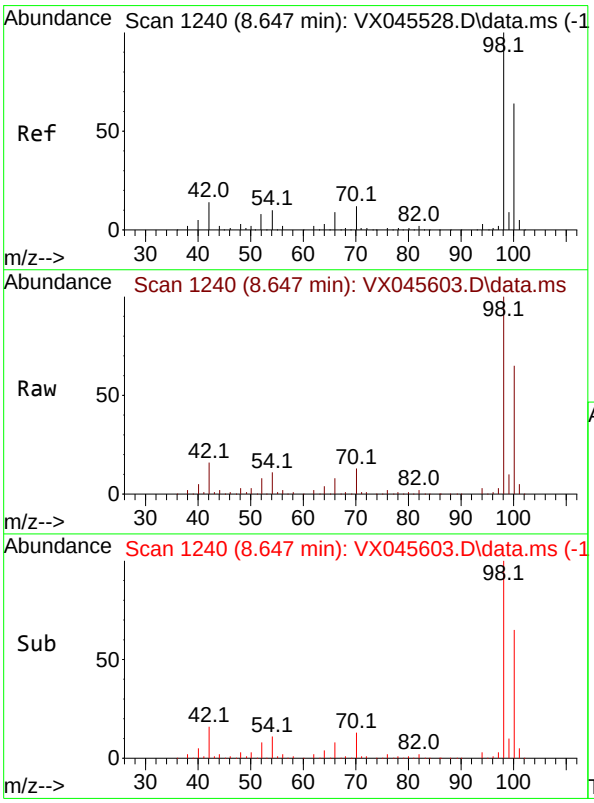
#43
Isopropyl Acetate
Concen: 3.435 ug/l
RT: 6.354 min Scan# 8
Delta R.T. 0.018 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#02

Tgt Ion: 43 Resp: 7971

Ion	Ratio	Lower	Upper
43	100		
61	15.2	14.1	21.1
87	9.6	9.2	13.8

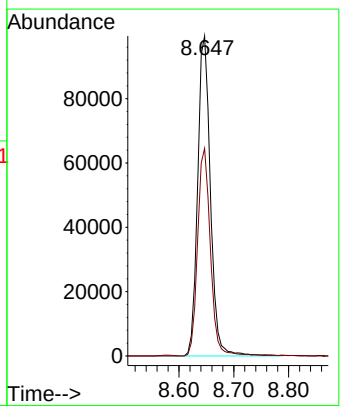


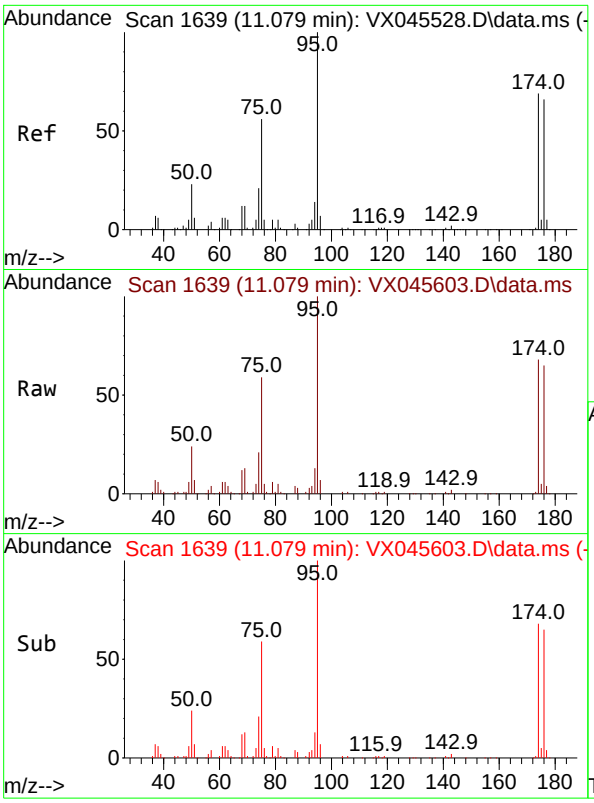


#50
Toluene-d8
Concen: 51.406 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Tgt Ion: 98 Resp: 161434

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4



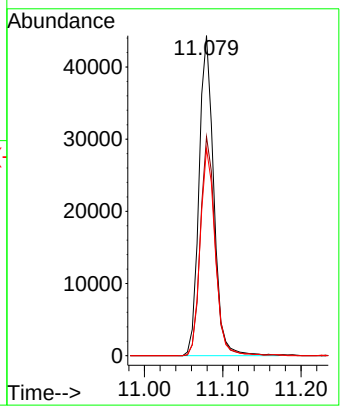


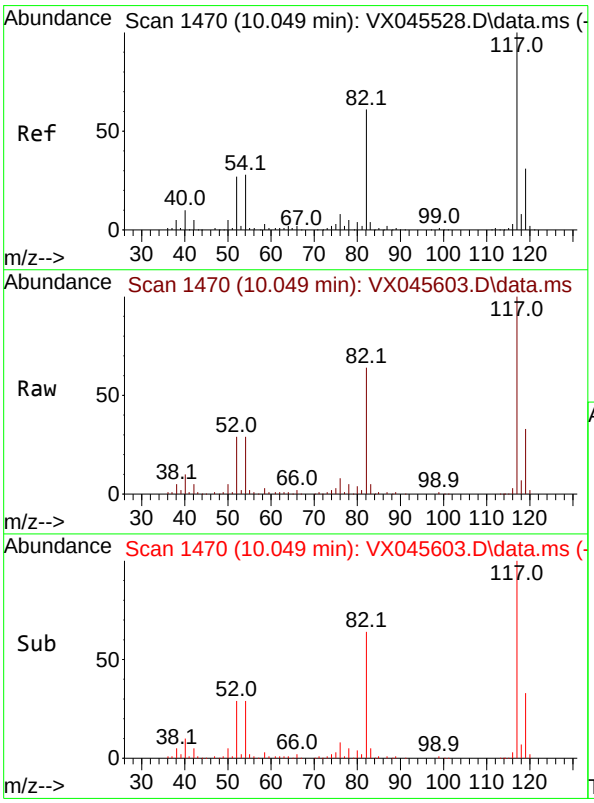
#62
4-Bromofluorobenzene
Concen: 50.446 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#02

Tgt Ion: 95 Resp: 57704

Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	135.8
176	65.9	0.0	131.4

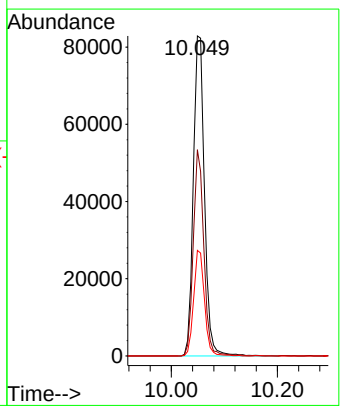


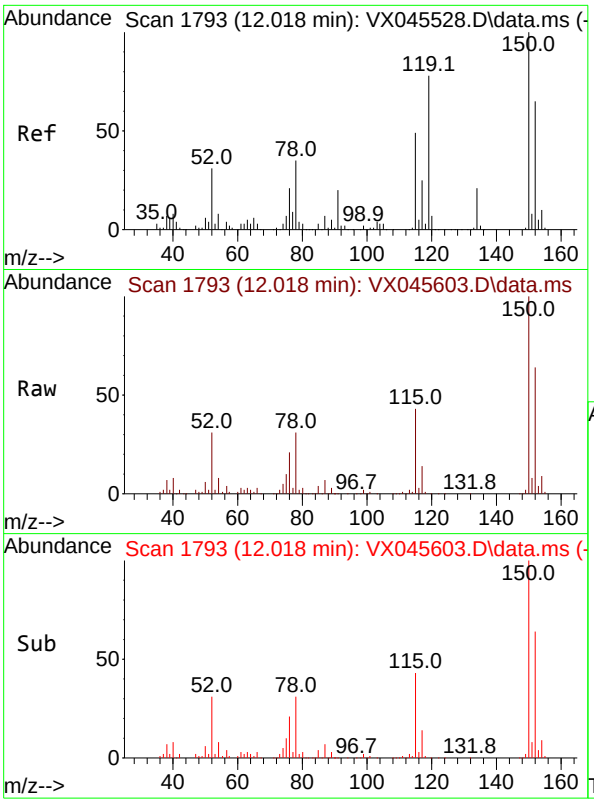


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045603.D
Acq: 04 Apr 2025 16:42

Tgt Ion:117 Resp: 120742

Ion	Ratio	Lower	Upper
117	100		
82	64.5	49.2	73.8
119	33.0	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: VX045603.D
Acq: 04 Apr 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#02

Tgt Ion:152 Resp: 48070

Ion	Ratio	Lower	Upper
152	100		
115	66.1	46.9	140.7
150	156.1	0.0	349.4