Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046554.D
Acq On : 07 Jun 2025 04:09
Operator : JC/MD
Sample : Q2236-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-06-G

Quant Time: Jun 07 05:25:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	110472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	211587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	90730	46.163	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.320%			
35) Dibromofluoromethane	5.403	113	64811	41.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 83.300%			
50) Toluene-d8	8.653	98	269634	52.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.120%			
62) 4-Bromofluorobenzene	11.079	95	125275	59.023	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.040%			
Target Compounds						Qvalue
8) Diethyl Ether	2.148	74	27331	33.596	ug/l	91
16) Acetone	2.392	43	43087	59.395	ug/l	95
20) Methylene Chloride	2.806	84	3120	1.979	ug/l	86
27) cis-1,2-Dichloroethene	4.513	96	6727	3.937	ug/l	86
95) Naphthalene	13.774	128	253298	29.225	ug/l	100

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

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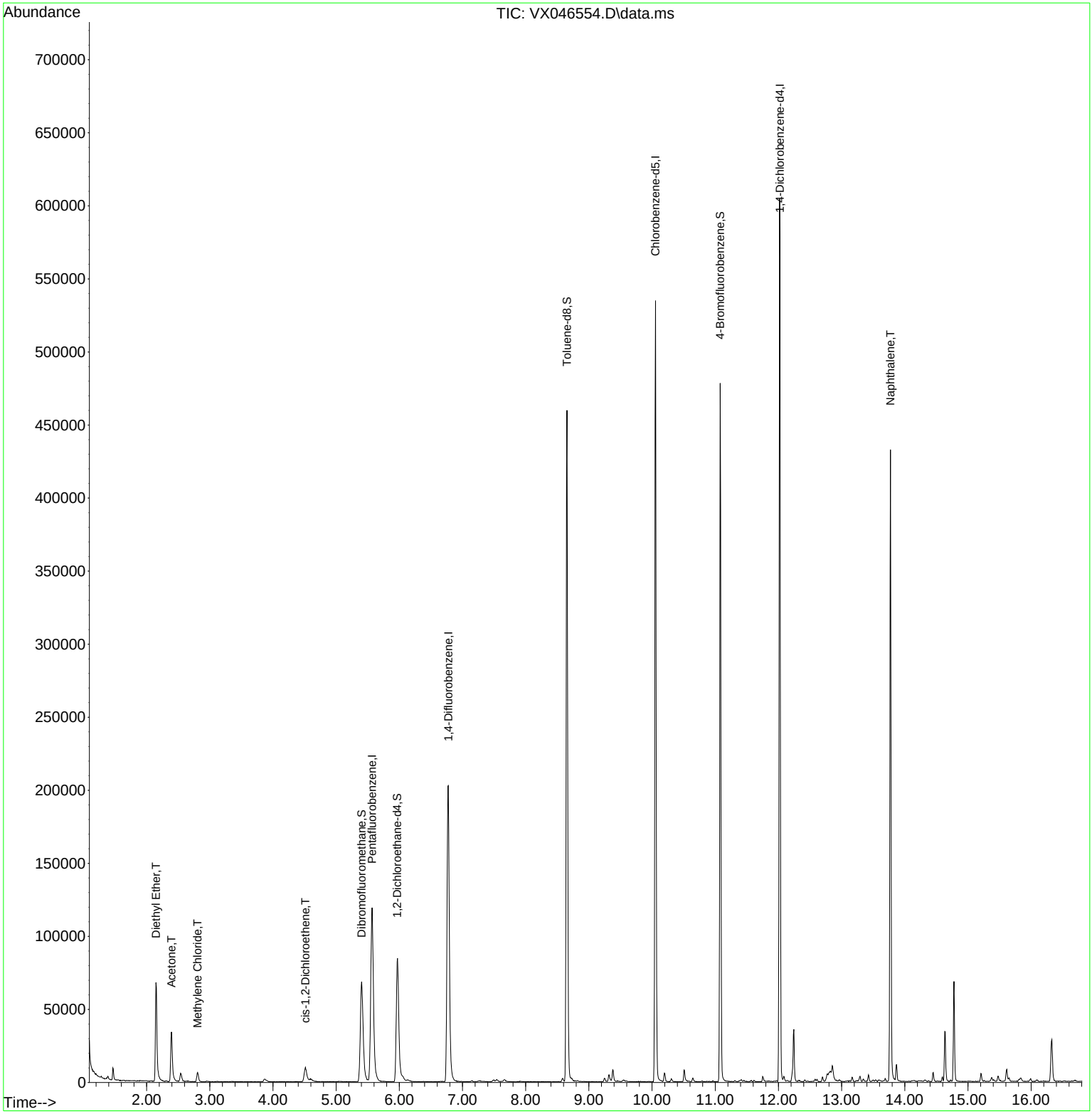
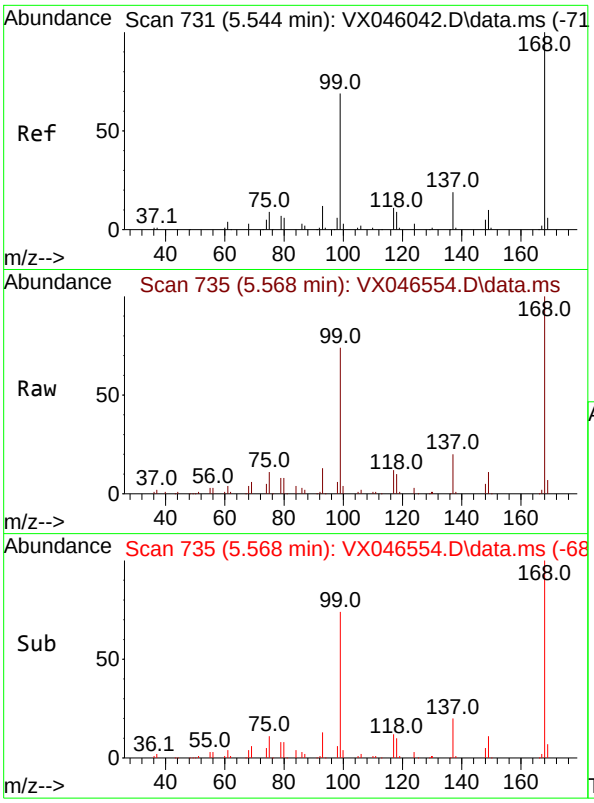


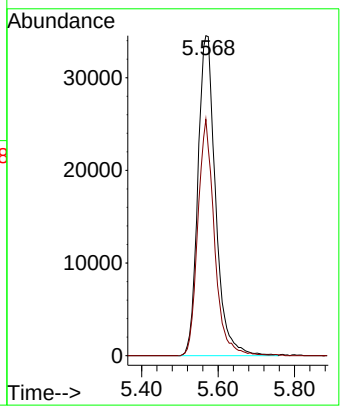


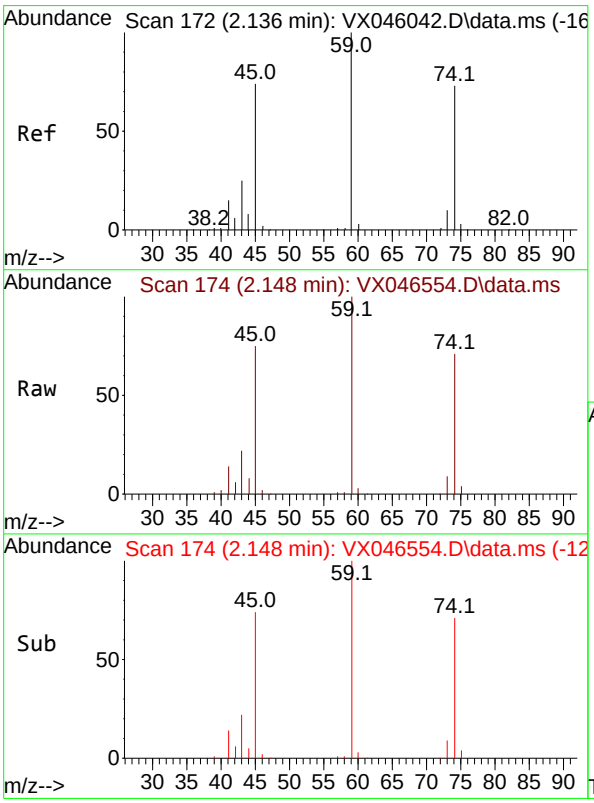
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-06-G

Tgt Ion:168 Resp: 110472

Ion	Ratio	Lower	Upper
168	100		
99	73.9	54.9	82.3

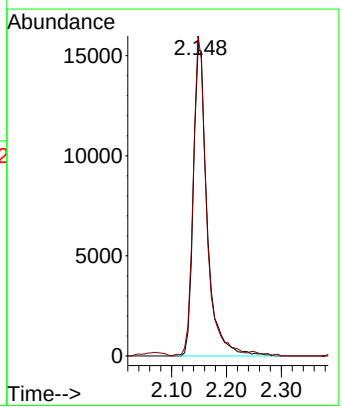


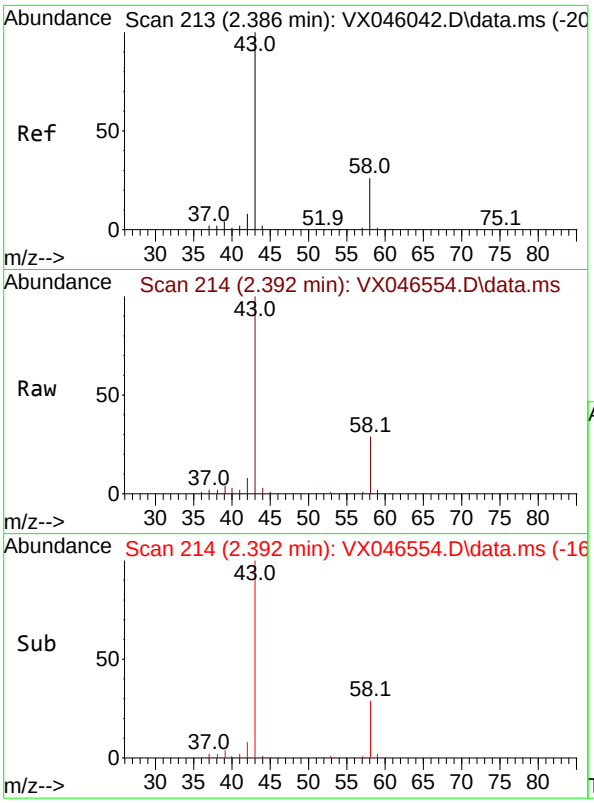


#8
Diethyl Ether
Concen: 33.596 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Tgt Ion: 74 Resp: 27331

Ion	Ratio	Lower	Upper
74	100		
45	100.6	54.9	164.8



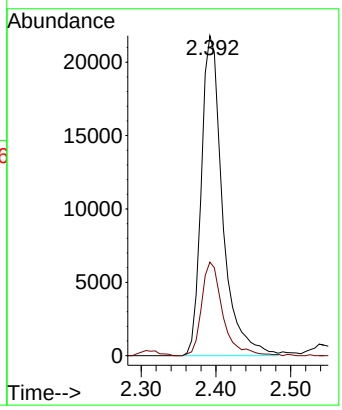


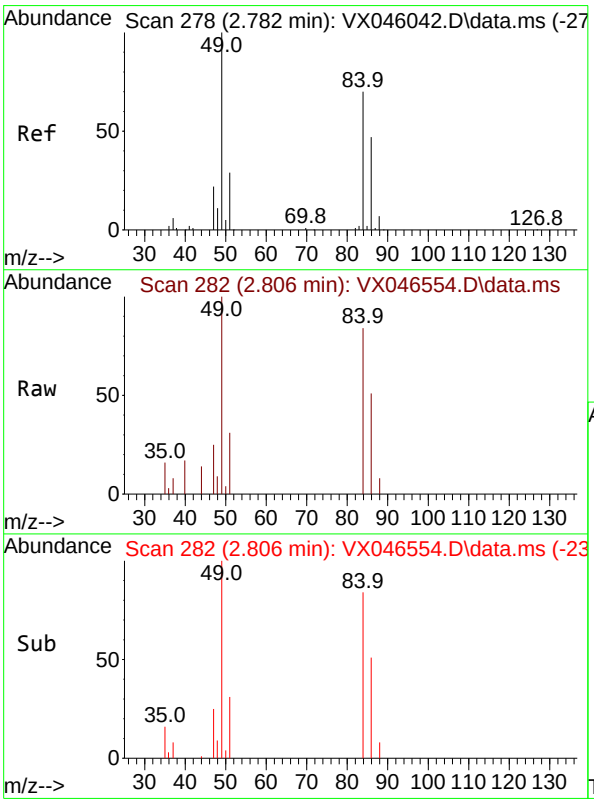
#16
Acetone
Concen: 59.395 ug/l
RT: 2.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-06-G

Tgt Ion: 43 Resp: 43087

Ion	Ratio	Lower	Upper
43	100		
58	29.3	21.2	31.8

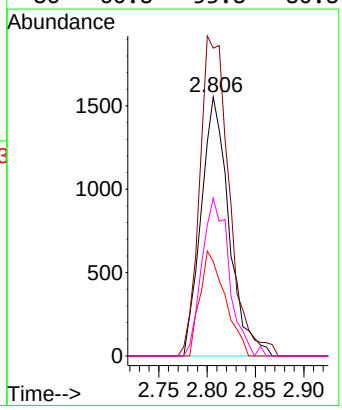


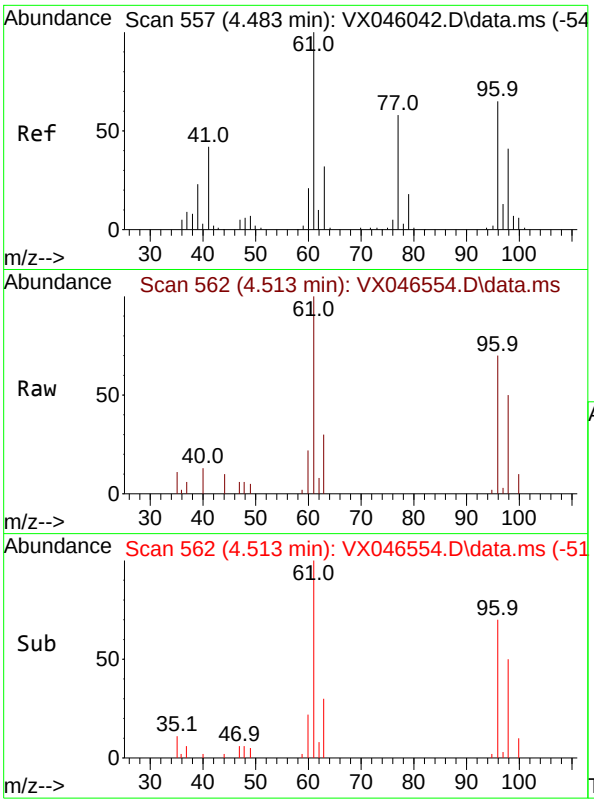


#20
Methylene Chloride
Concen: 1.979 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Tgt Ion: 84 Resp: 3120

Ion	Ratio	Lower	Upper
84	100		
49	118.9	113.9	170.9
51	36.4	33.5	50.3
86	60.8	53.8	80.8



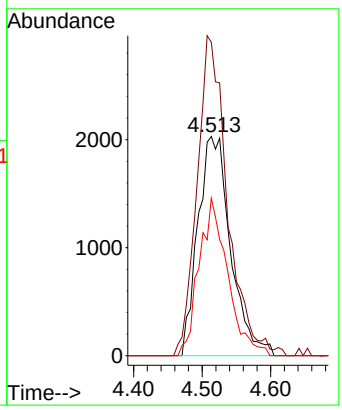


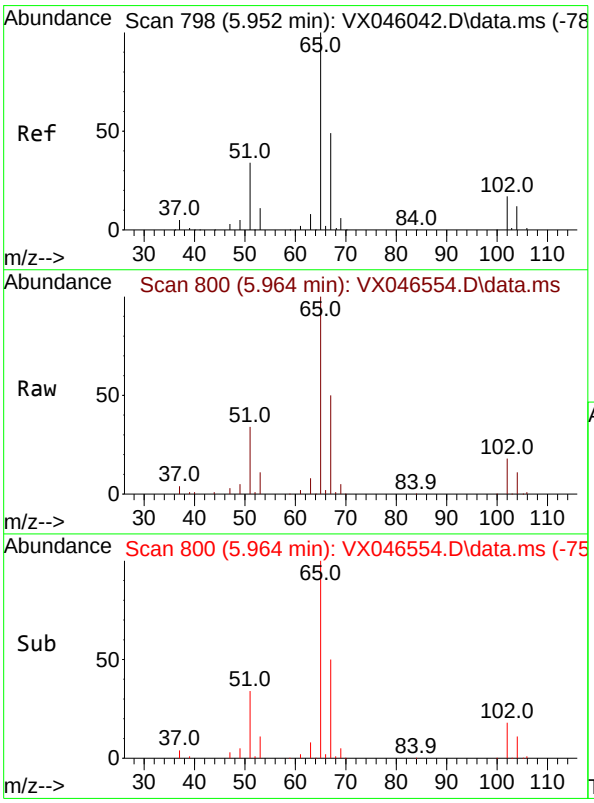
#27
cis-1,2-Dichloroethene
Concen: 3.937 ug/l
RT: 4.513 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-06-G

Tgt Ion: 96 Resp: 6727

Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	322.8
98	62.7	0.0	129.0

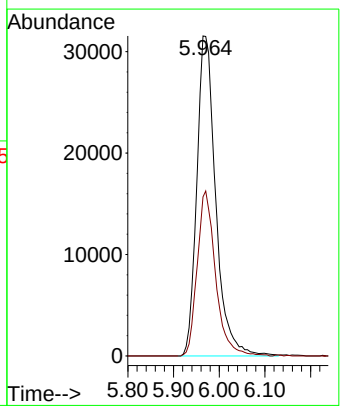


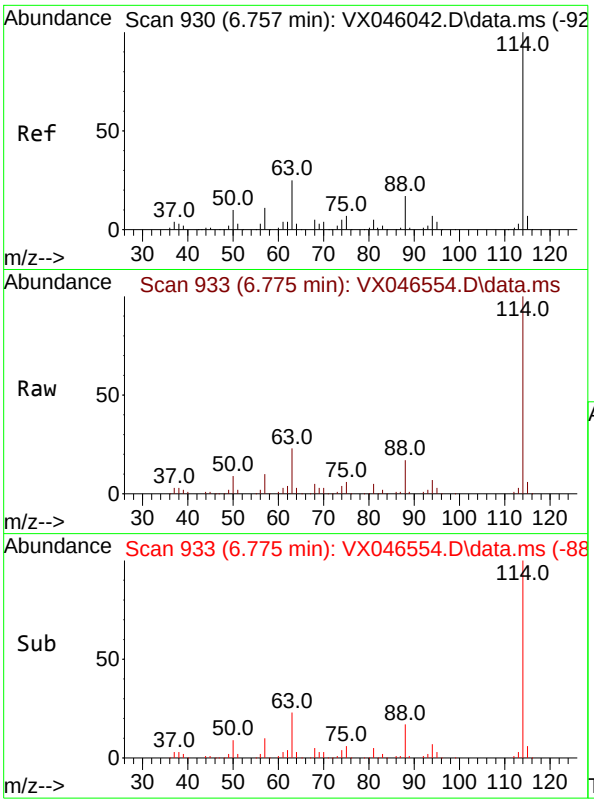


#33
1,2-Dichloroethane-d4
Concen: 46.163 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Tgt Ion: 65 Resp: 90730

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.0



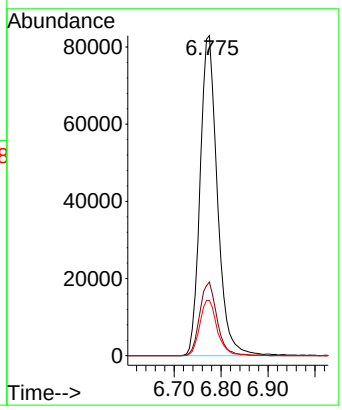


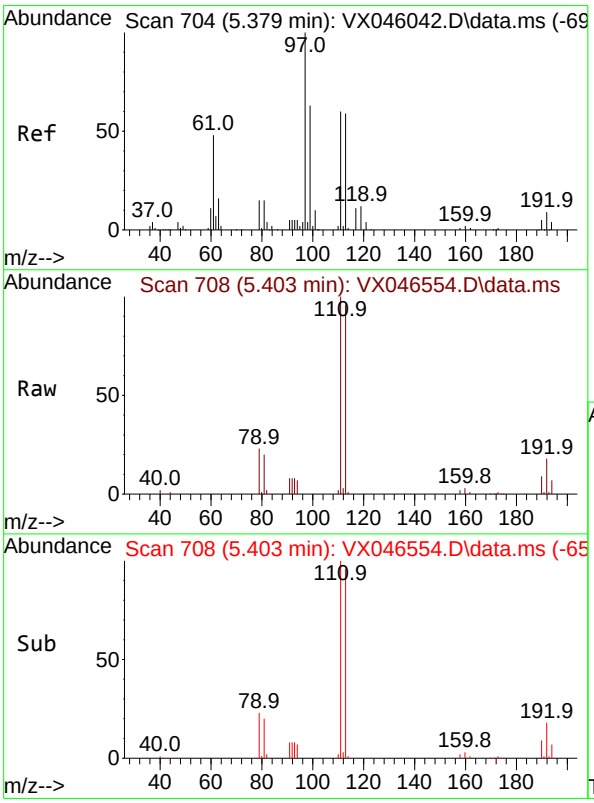
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-06-G

Tgt Ion:114 Resp: 211587

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	49.2
88	17.3	0.0	33.6

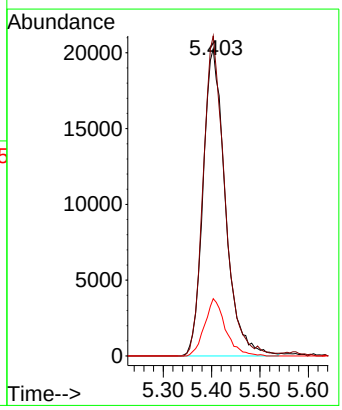


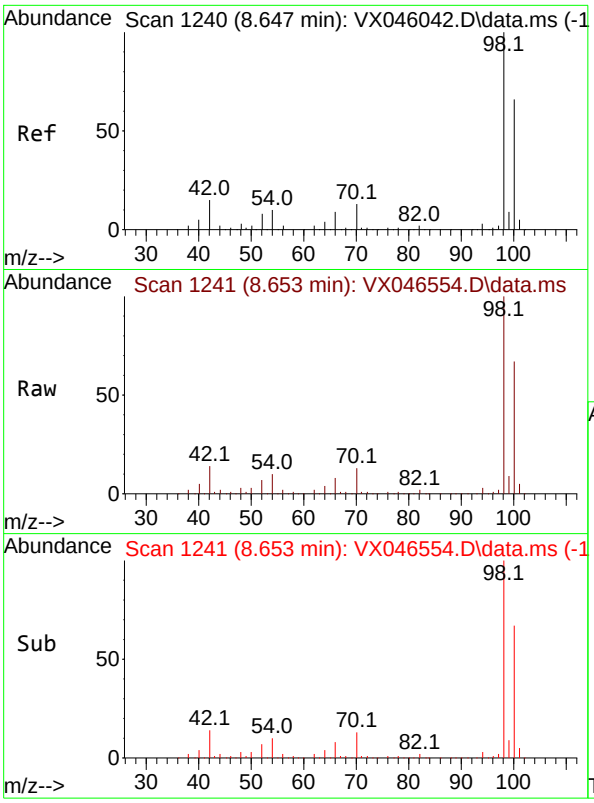


#35
Dibromofluoromethane
Concen: 41.652 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Tgt Ion:113 Resp: 64811

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.1	124.7
192	17.6	13.3	19.9



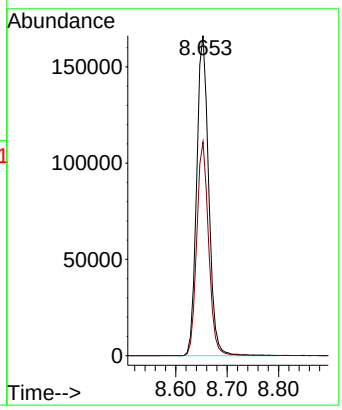


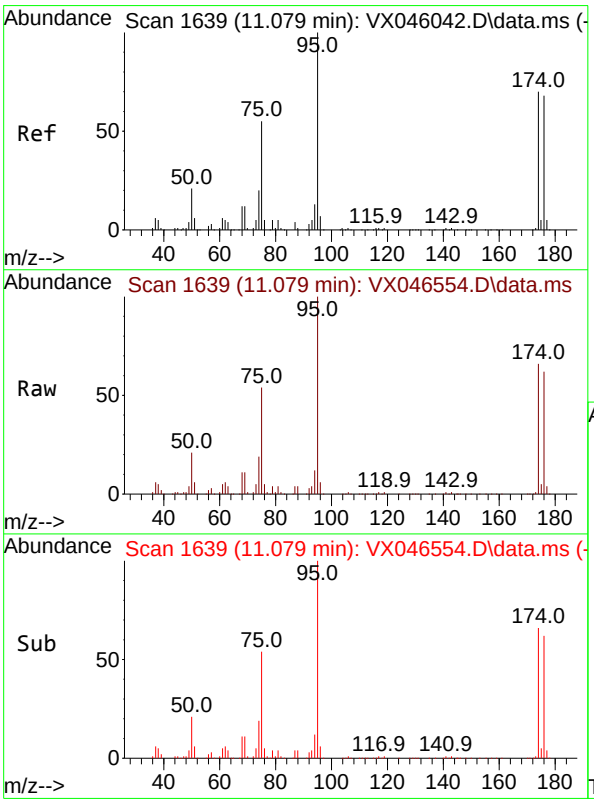
#50
Toluene-d8
Concen: 52.561 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-06-G

Tgt Ion: 98 Resp: 269634

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.5	80.3

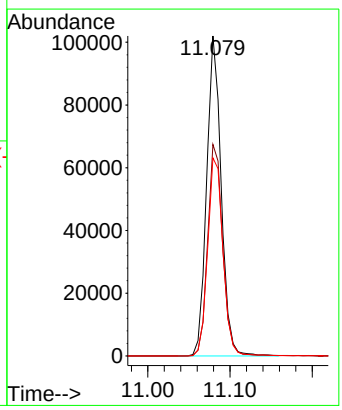


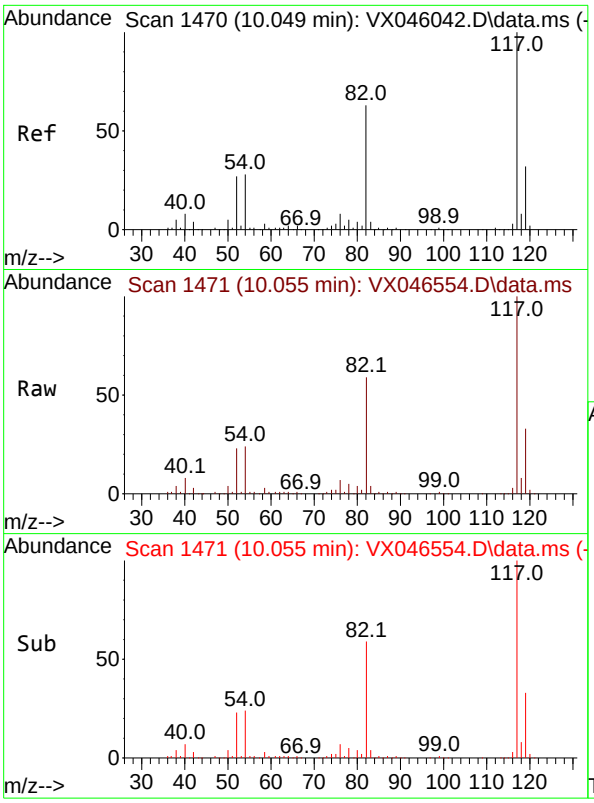


#62
4-Bromofluorobenzene
Concen: 59.023 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Tgt Ion: 95 Resp: 125275

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	135.8
176	65.5	0.0	131.4



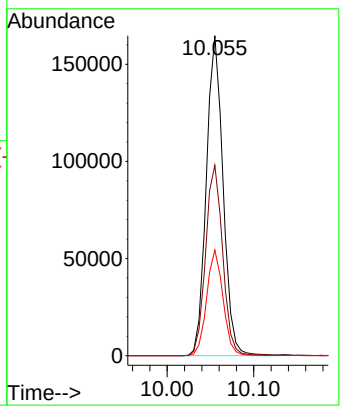


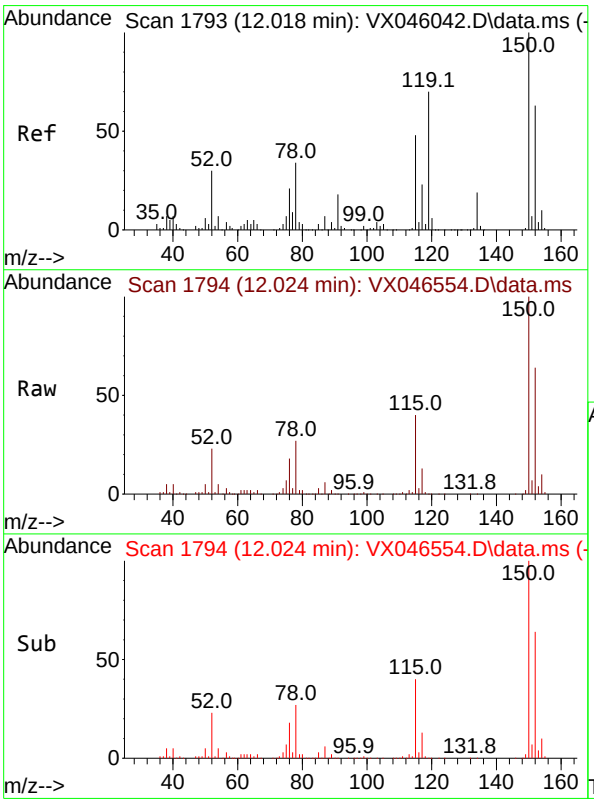
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-06-G

Tgt Ion:117 Resp: 221449

Ion	Ratio	Lower	Upper
117	100		
82	59.5	50.6	76.0
119	33.0	25.8	38.6

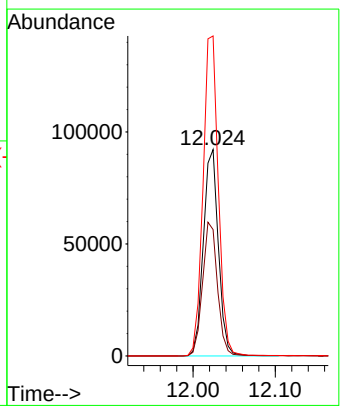


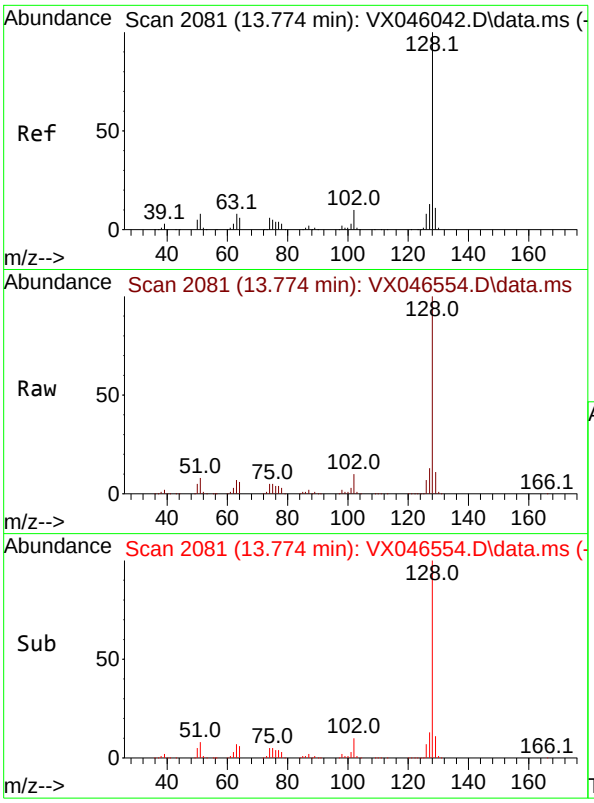


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Tgt Ion:152 Resp: 117146

Ion	Ratio	Lower	Upper
152	100		
115	64.4	46.9	140.7
150	157.7	0.0	351.0





#95
Naphthalene
Concen: 29.225 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046554.D
Acq: 07 Jun 2025 04:09

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-06-G

Tgt Ion:128 Resp: 253298

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0