Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046623.D
Acq On : 11 Jun 2025 00:12
Operator : JC/MD
Sample : VX0610WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Quant Time: Jun 11 06:52:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.916	128	18694	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.769	114	99149	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	91863	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.964	65	47443	31.352	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.500%				
60) 4-Bromofluorobenzene	11.079	95	46051	29.741	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.133%				
63) Toluene-d8	8.653	98	123595	30.121	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.400%				
Target Compounds							Qvalue
11) Methyl Iodide	2.471	142	331	0.218	ug/l	#	88
18) Methylene Chloride	2.800	84	444	0.361	ug/l		98
51) Ethyl methacrylate	8.659	69	415	0.253	ug/l		98
58) 4-Methyl-2-Pentanone	8.647	43	600	0.402	ug/l	#	1
77) t-1,4-Dichloro-2-butene	11.079	75	24536	54.514	ug/l	#	1

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

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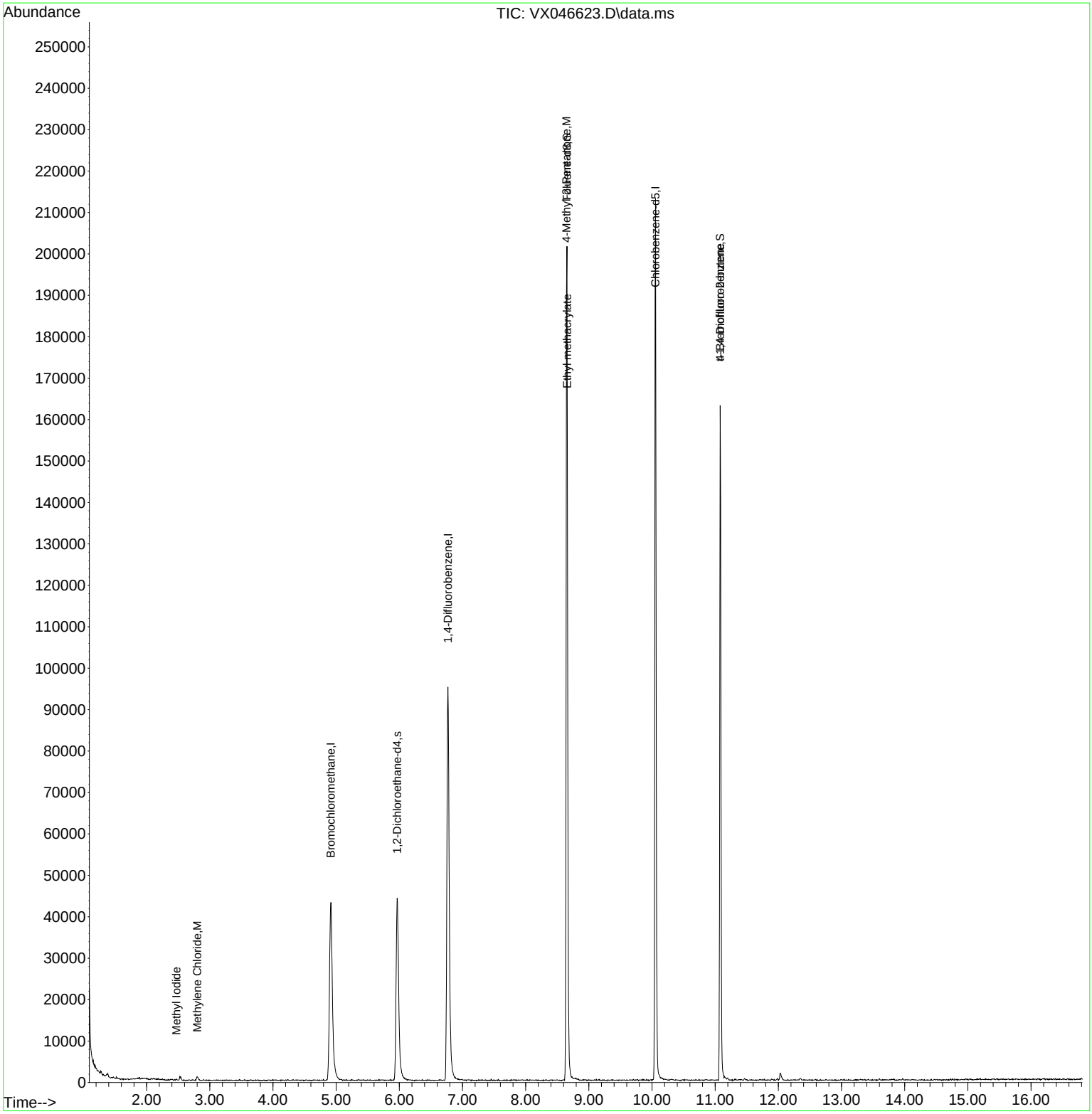
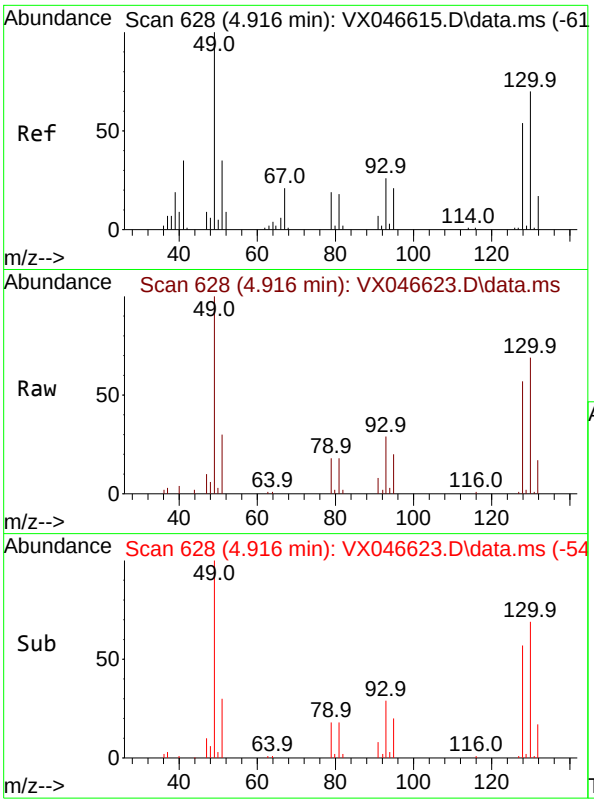


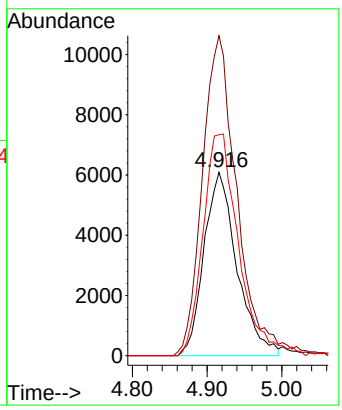


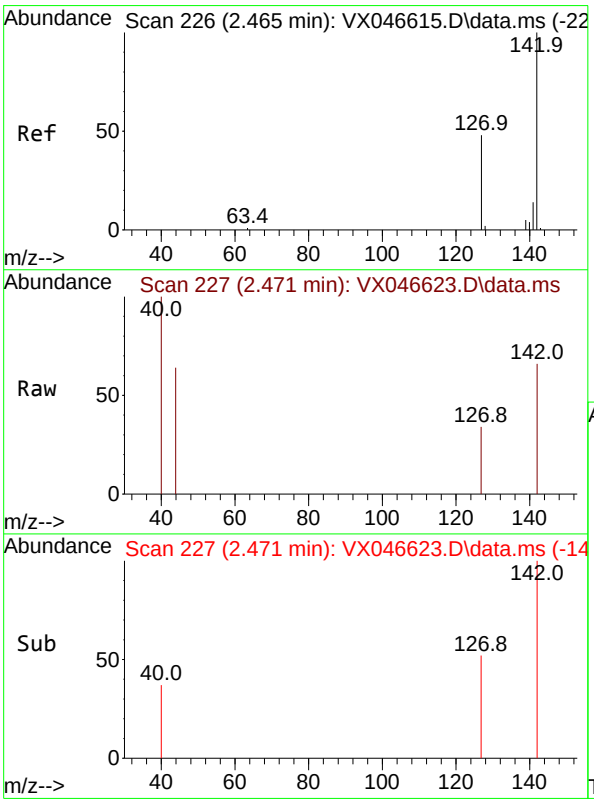
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Tgt Ion:128 Resp: 18694

Ion	Ratio	Lower	Upper
128	100		
49	179.5	0.0	448.3
130	130.6	0.0	312.0

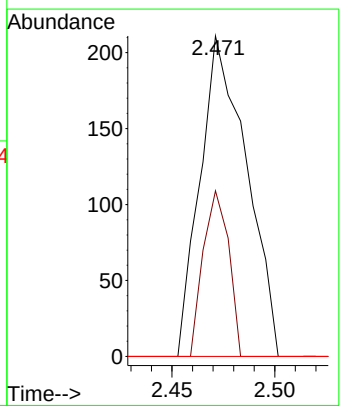


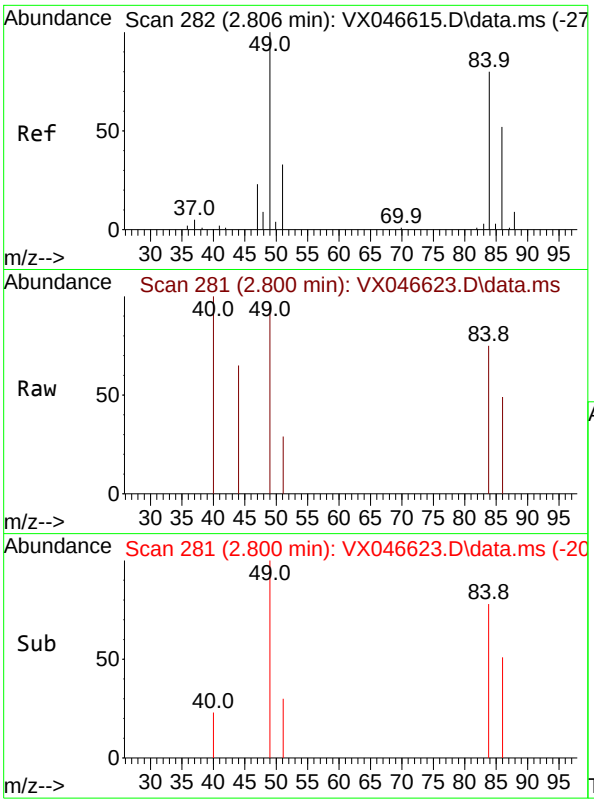


#11
Methyl Iodide
Concen: 0.218 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.006 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Tgt Ion:142 Resp: 331

Ion	Ratio	Lower	Upper
142	100		
127	51.7	24.1	72.4
141	0.0	7.0	20.9#



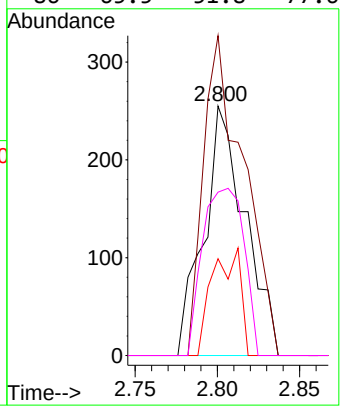


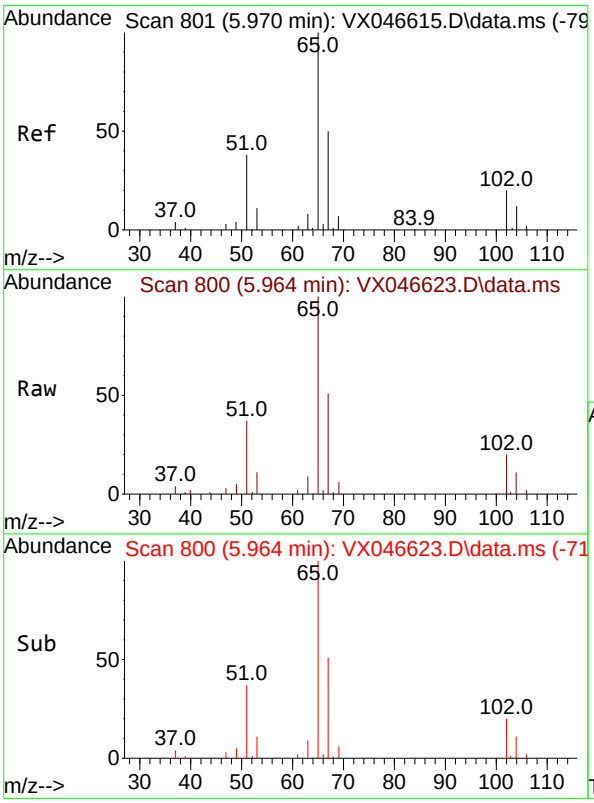
#18
Methylene Chloride
Concen: 0.361 ug/l
RT: 2.800 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Tgt Ion: 84 Resp: 444

Ion	Ratio	Lower	Upper
84	100		
49	128.2	100.1	150.1
51	38.8	33.0	49.4
86	65.5	51.8	77.6

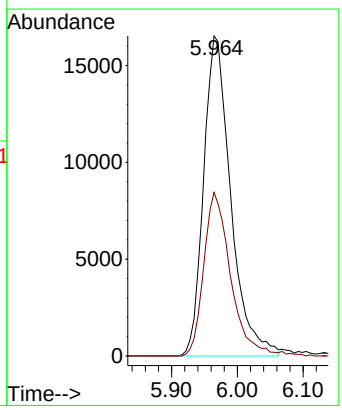


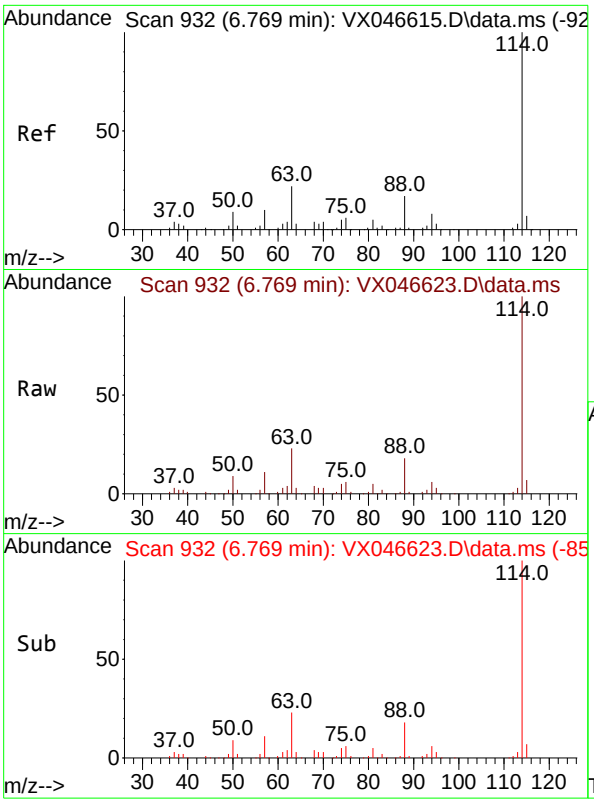


#27
1,2-Dichloroethane-d4
Concen: 31.352 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Tgt Ion: 65 Resp: 47443

Ion	Ratio	Lower	Upper
65	100		
67	50.1	41.4	62.2



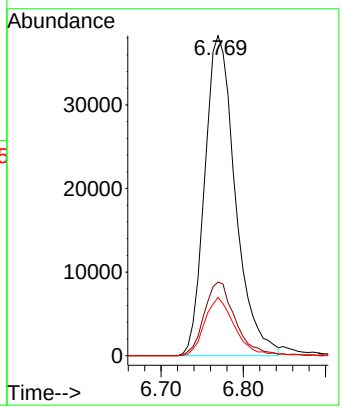


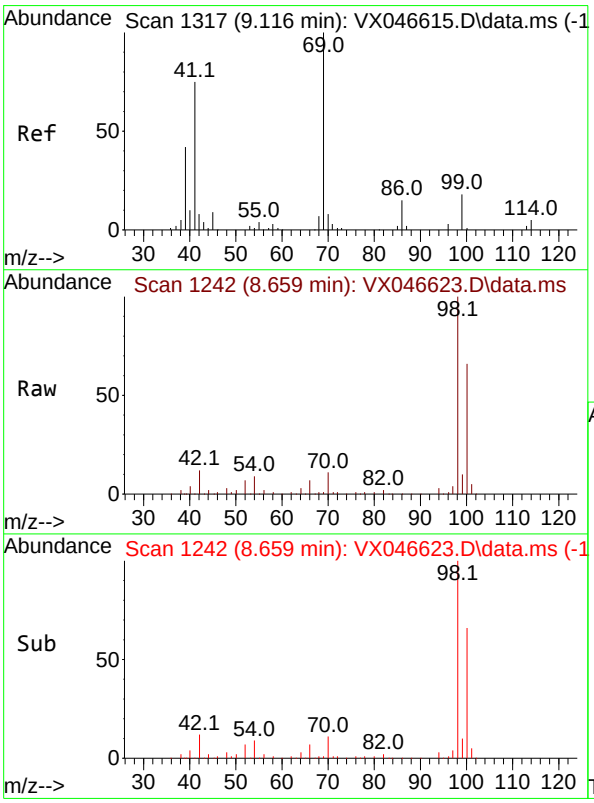
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Tgt Ion:114 Resp: 99149

Ion	Ratio	Lower	Upper
114	100		
63	23.3	18.1	27.1
88	17.8	14.1	21.1

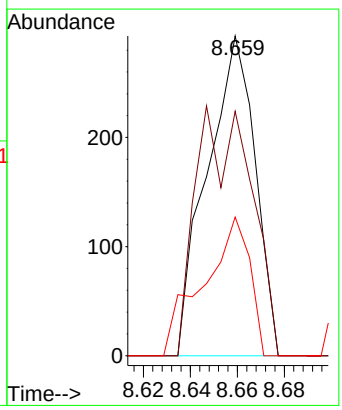


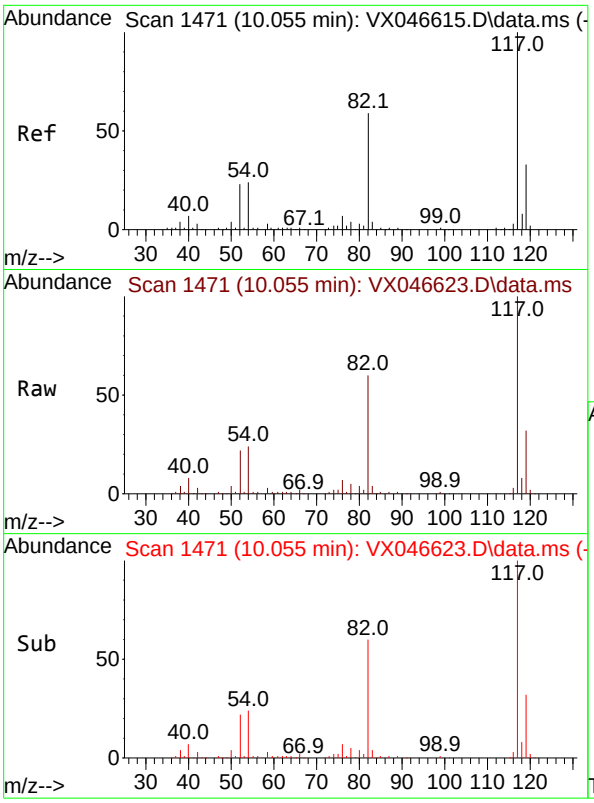


#51
Ethyl methacrylate
Concen: 0.253 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. -0.457 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Tgt Ion: 69 Resp: 415

Ion	Ratio	Lower	Upper
69	100		
41	76.5	37.4	112.2
39	43.3	20.8	62.5



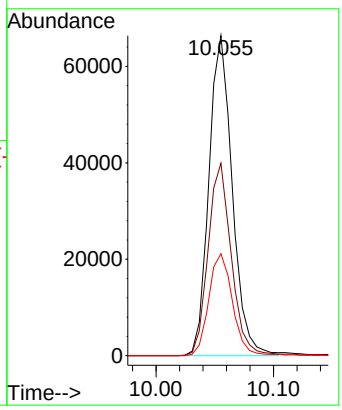


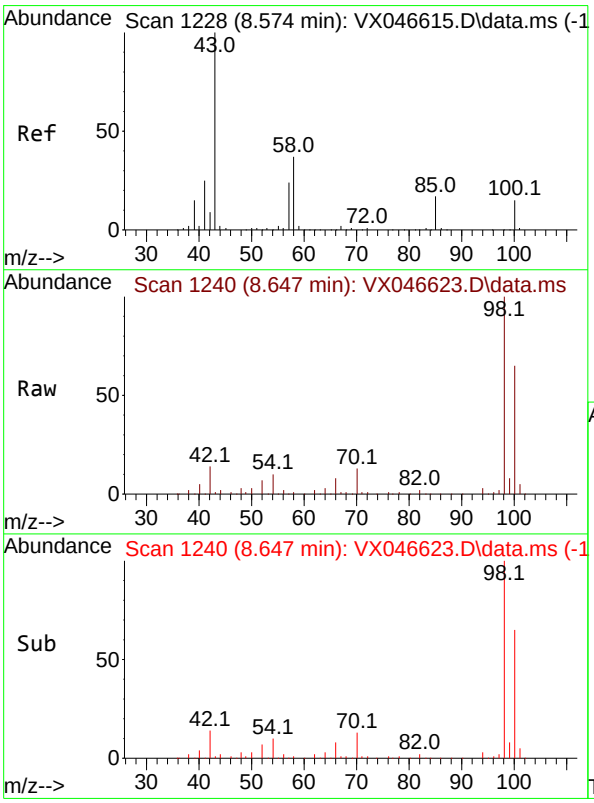
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Tgt Ion:117 Resp: 91863

Ion	Ratio	Lower	Upper
117	100		
82	59.7	46.5	69.7
119	32.5	25.8	38.6

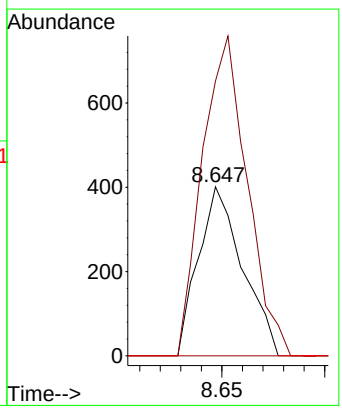


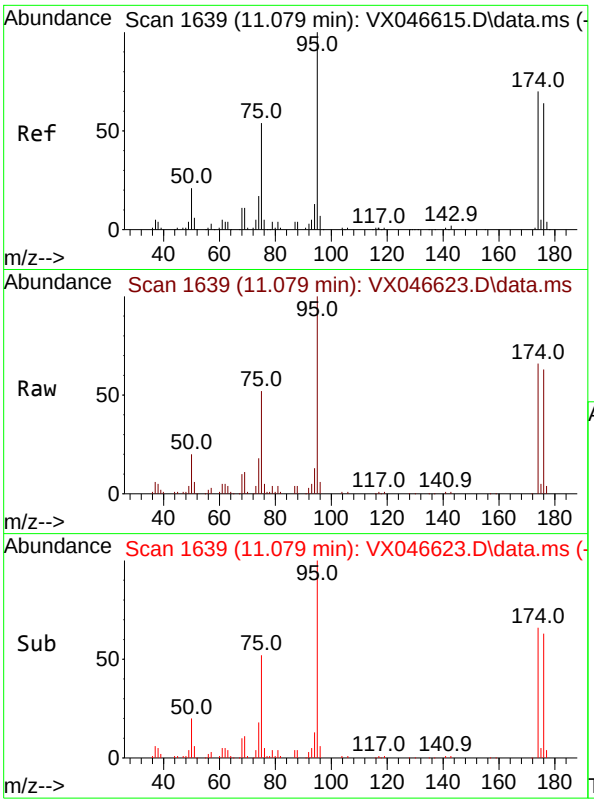


#58
4-Methyl-2-Pentanone
Concen: 0.402 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Tgt Ion: 43 Resp: 600

Ion	Ratio	Lower	Upper
43	100		
58	192.8	29.4	44.2#
85	0.0	13.3	19.9#



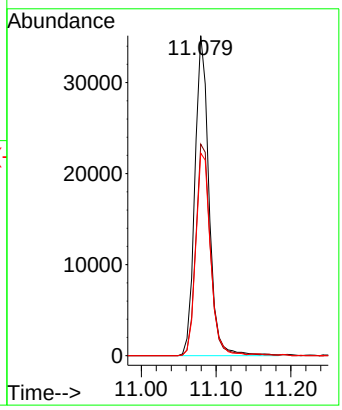


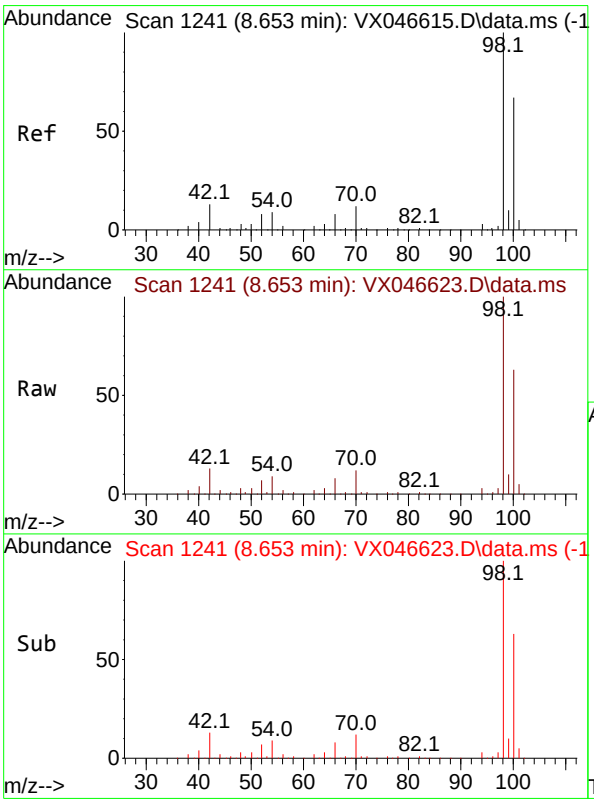
#60
4-Bromofluorobenzene
Concen: 29.741 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Tgt Ion: 95 Resp: 46051

Ion	Ratio	Lower	Upper
95	100		
174	67.7	56.0	84.0
176	65.9	52.2	78.4

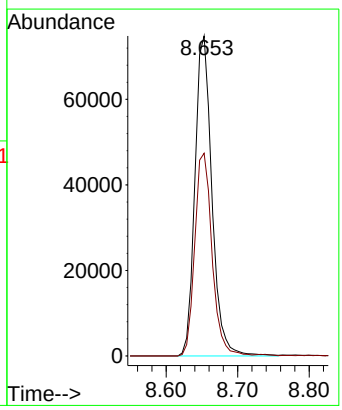


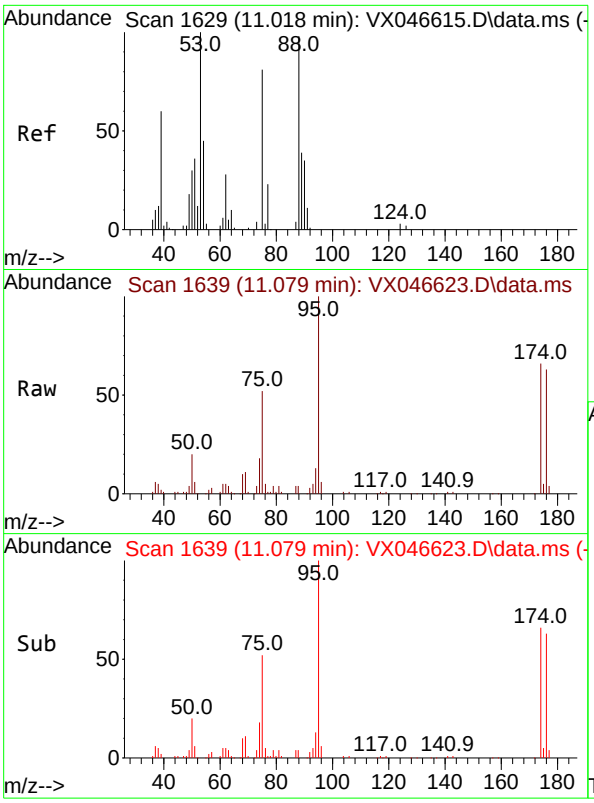


#63
Toluene-d8
Concen: 30.121 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Tgt Ion: 98 Resp: 123595

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.6	79.0





#77
t-1,4-Dichloro-2-butene
Concen: 54.514 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Tgt Ion: 75 Resp: 24536

Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.9	185.7#
89	0.0	24.0	72.0#