Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
Data File : VX041655.D
Acq On : 28 May 2024 11:01
Operator : JC/MD
Sample : VX0528WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 29 05:38:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.898	128	26683	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	149767	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	131781	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	64316	30.608	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.033%			
60) 4-Bromofluorobenzene	11.079	95	57527	27.964	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.200%			
63) Toluene-d8	8.647	98	167371	29.629	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.767%			
Target Compounds						Qvalue
13) Acrolein	2.239	56	170	0.679	ug/l #	73
15) Acetone	2.386	58	2686	11.090	ug/l	82
16) Carbon Disulfide	2.502	76	655	0.213	ug/l #	74
18) Methylene Chloride	2.788	84	802	0.494	ug/l #	78
51) Ethyl methacrylate	8.653	69	524	0.201	ug/l	68
77) t-1,4-Dichloro-2-butene	11.079	75	29521	41.861	ug/l #	1
91) Naphthalene	13.786	128	1978	0.253	ug/l	97

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

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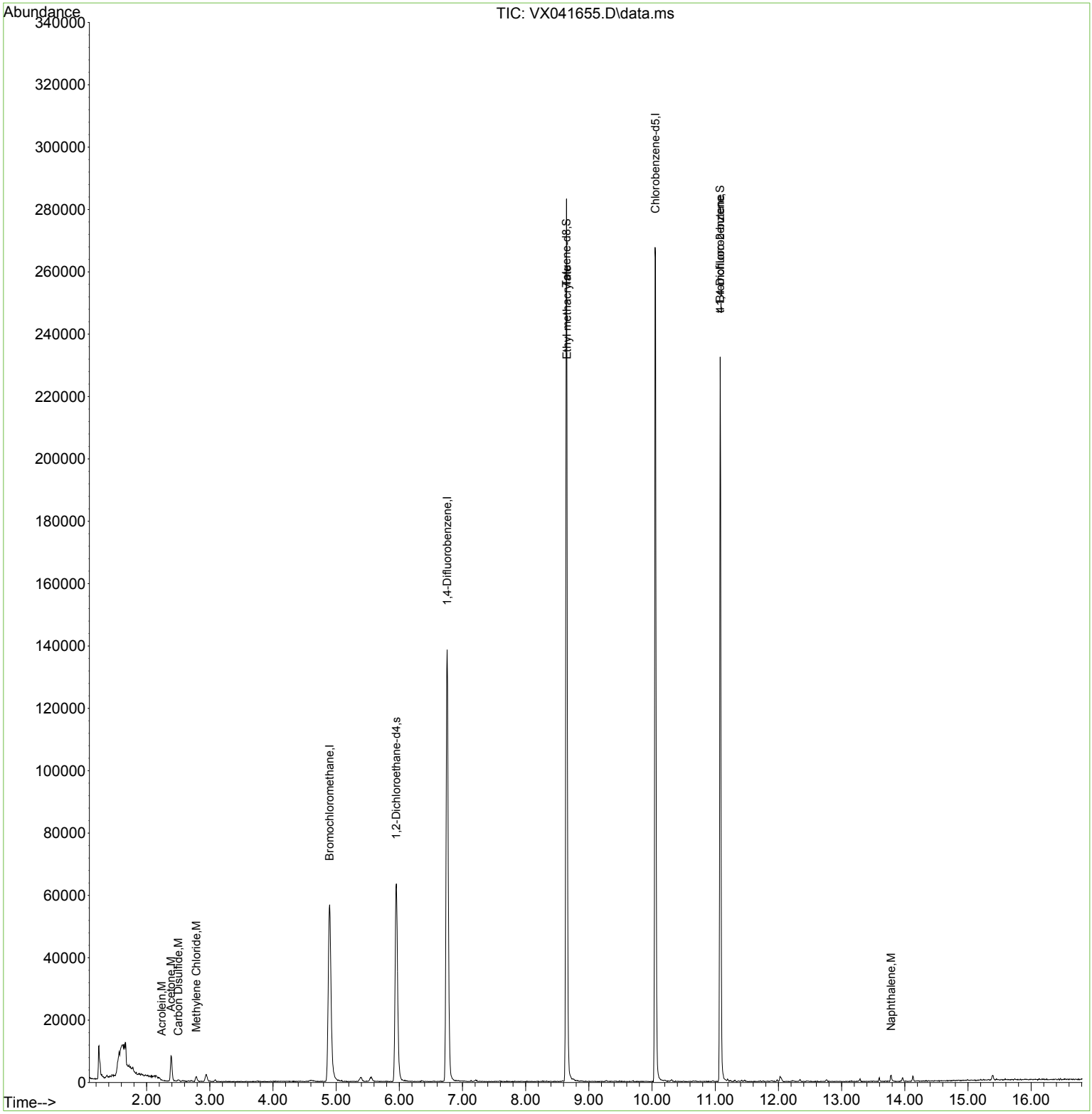
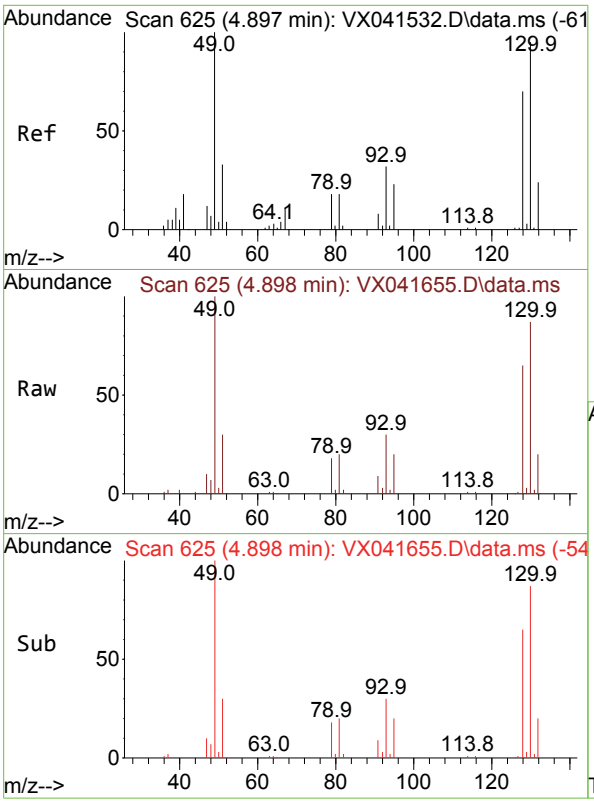


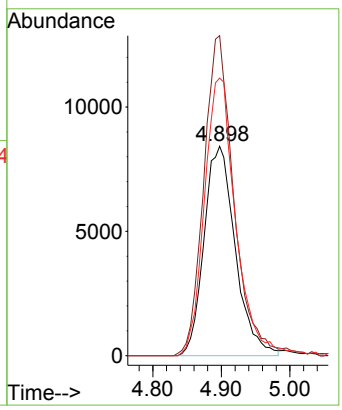


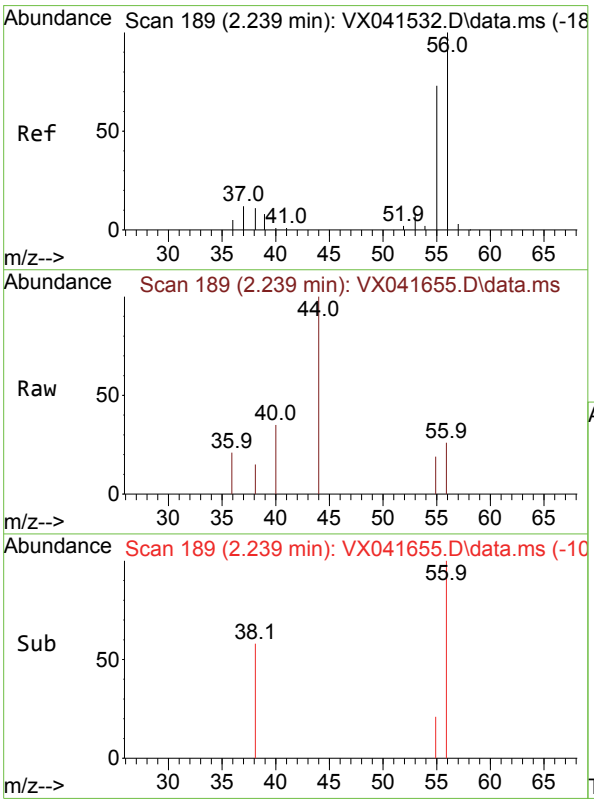
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 26683

Ion	Ratio	Lower	Upper
128	100		
49	145.9	0.0	361.5
130	129.8	0.0	324.3

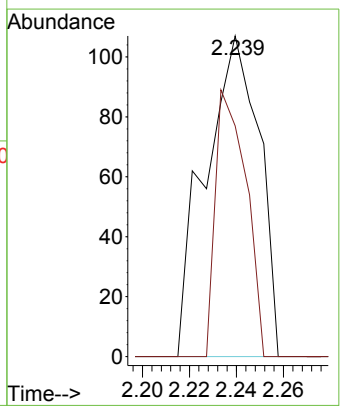


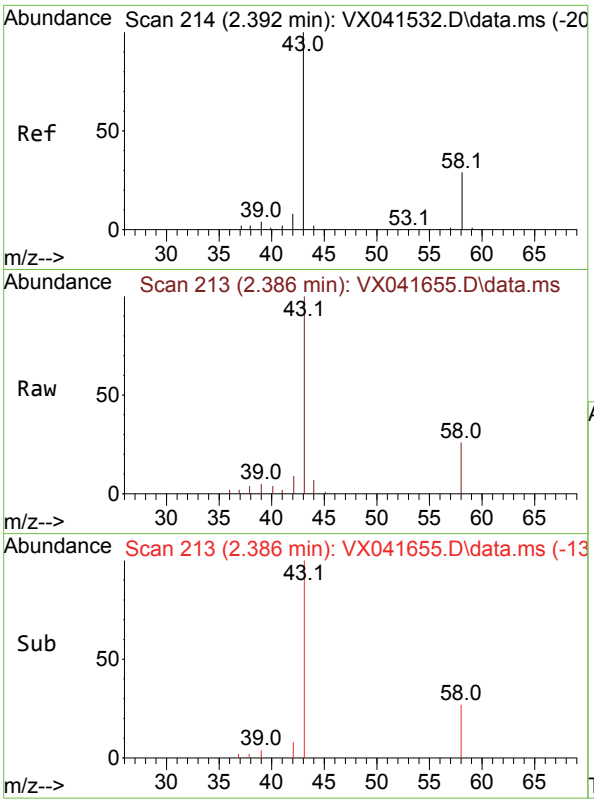


#13
Acrolein
Concen: 0.679 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Tgt Ion: 56 Resp: 170

Ion	Ratio	Lower	Upper
56	100		
55	47.1	55.1	82.7#



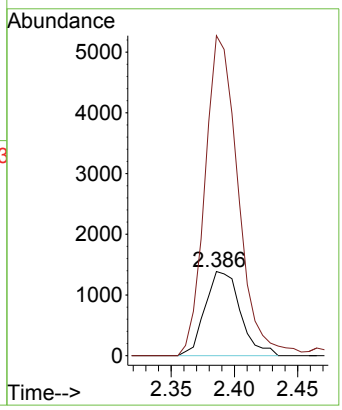


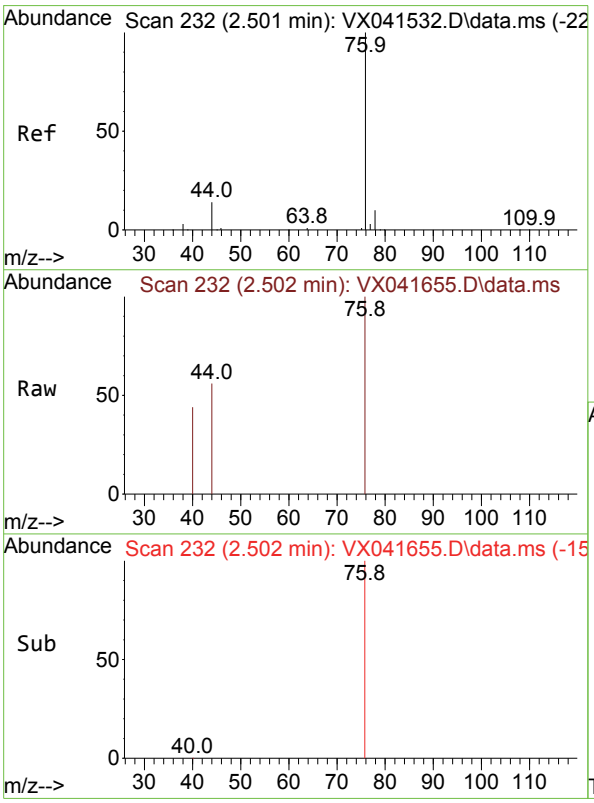
#15
Acetone
Concen: 11.090 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 58 Resp: 2686

Ion	Ratio	Lower	Upper
58	100		
43	380.0	274.0	411.0

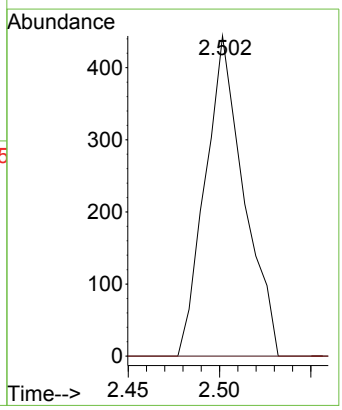


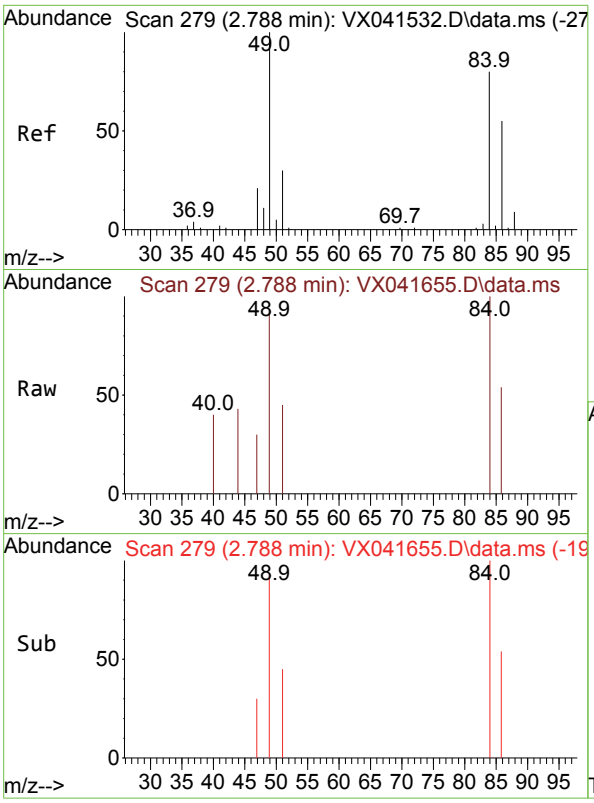


#16
Carbon Disulfide
Concen: 0.213 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Tgt Ion: 76 Resp: 655

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#



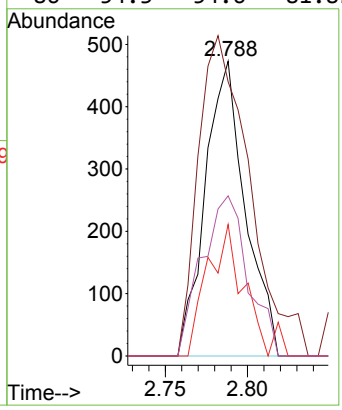


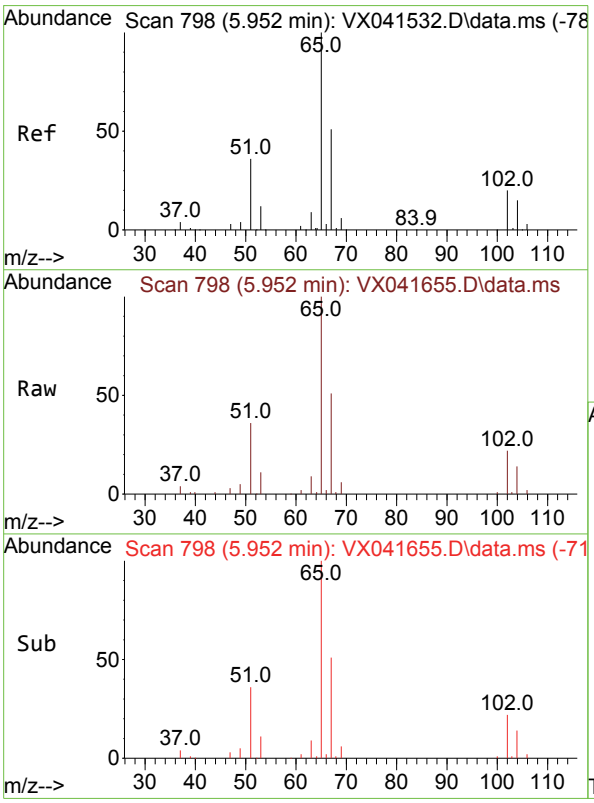
#18
Methylene Chloride
Concen: 0.494 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 802

Ion	Ratio	Lower	Upper
84	100		
49	93.0	99.8	149.8#
51	44.6	30.2	45.4
86	54.3	54.6	81.8#

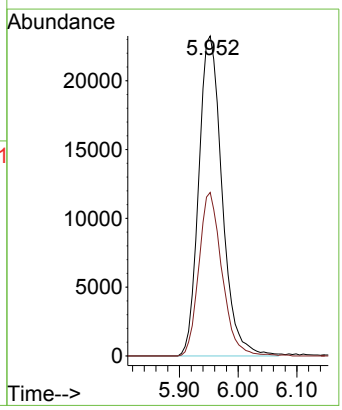


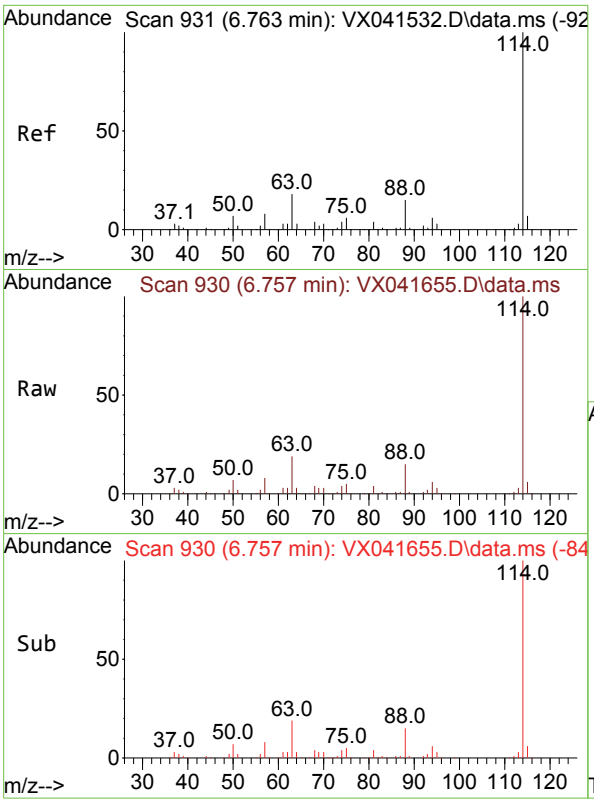


#27
1,2-Dichloroethane-d4
Concen: 30.608 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Tgt Ion: 65 Resp: 64316

Ion	Ratio	Lower	Upper
65	100		
67	50.3	40.8	61.2



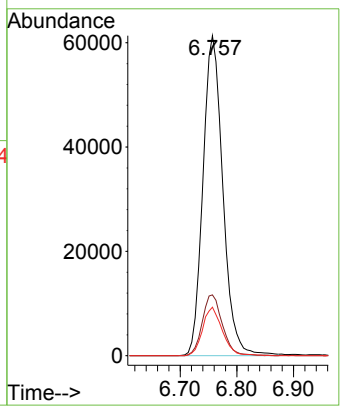


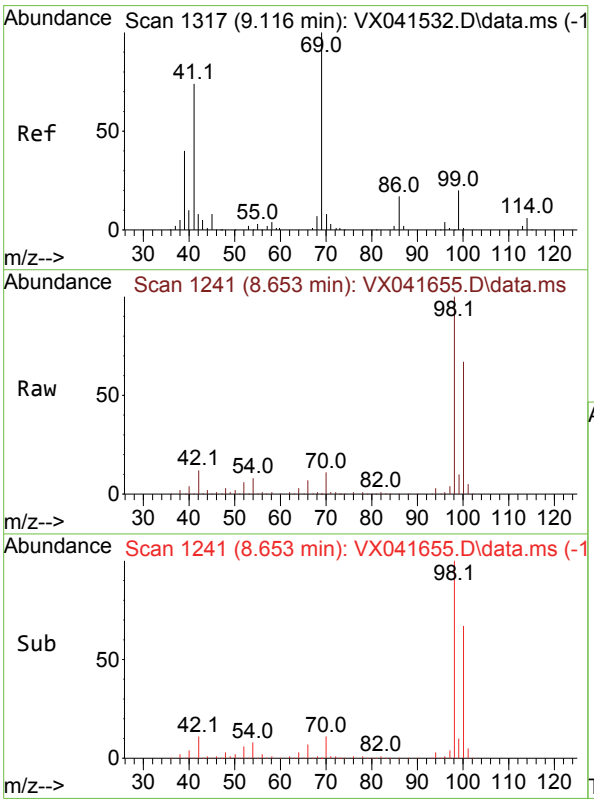
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 149767

Ion	Ratio	Lower	Upper
114	100		
63	19.0	15.4	23.0
88	15.0	12.2	18.2

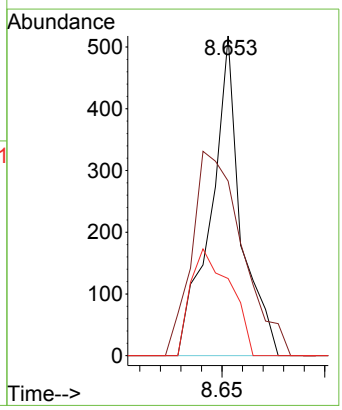


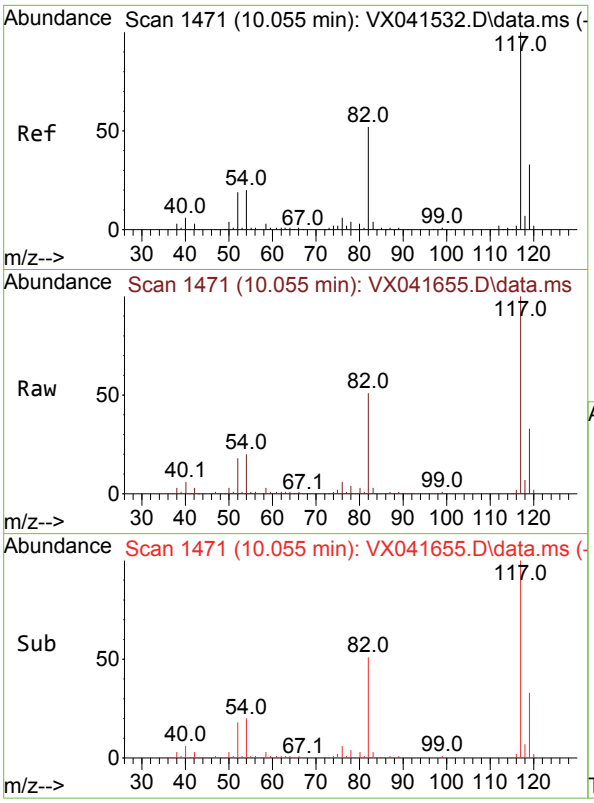


#51
Ethyl methacrylate
Concen: 0.201 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.463 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Tgt Ion: 69 Resp: 524

Ion	Ratio	Lower	Upper
69	100		
41	44.6	37.1	111.3
39	24.1	20.2	60.6



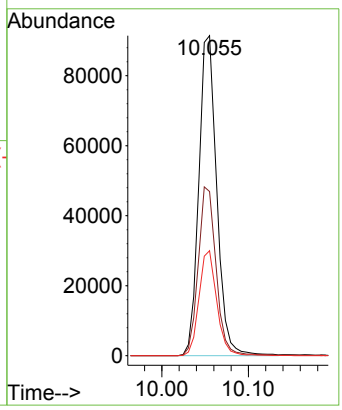


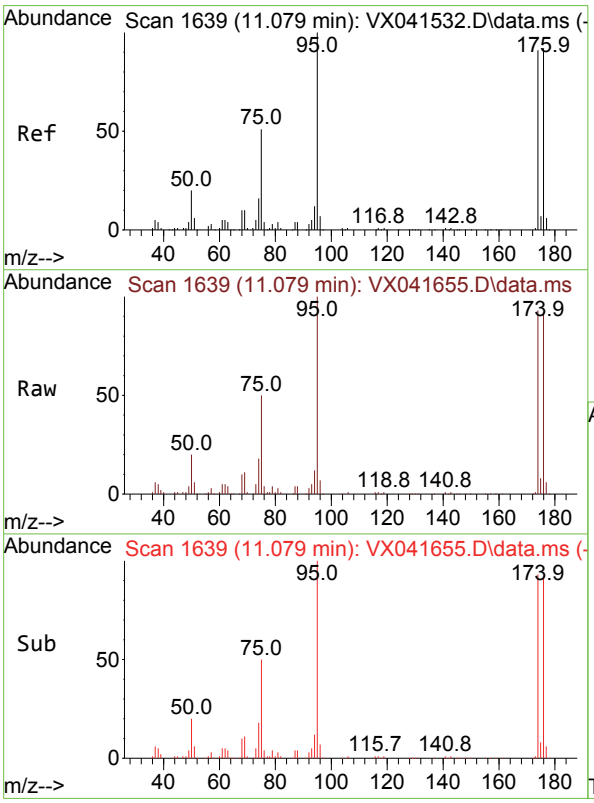
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 131781

Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.7	62.5
119	32.6	25.7	38.5

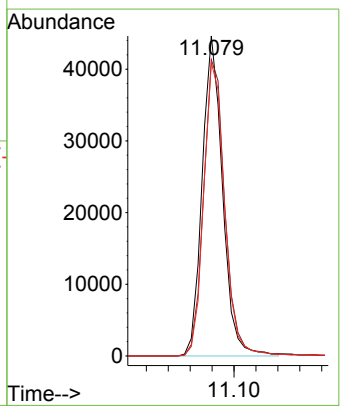


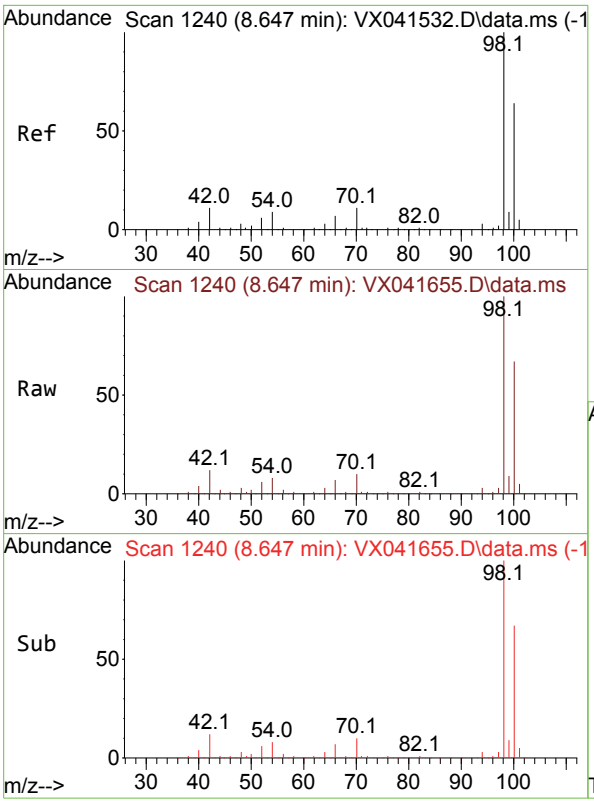


#60
4-Bromofluorobenzene
Concen: 27.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Tgt Ion: 95 Resp: 57527

Ion	Ratio	Lower	Upper
95	100		
174	97.0	76.6	115.0
176	94.1	75.4	113.0



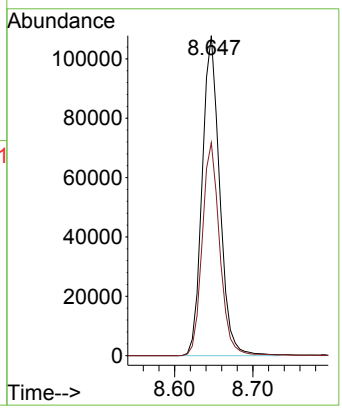


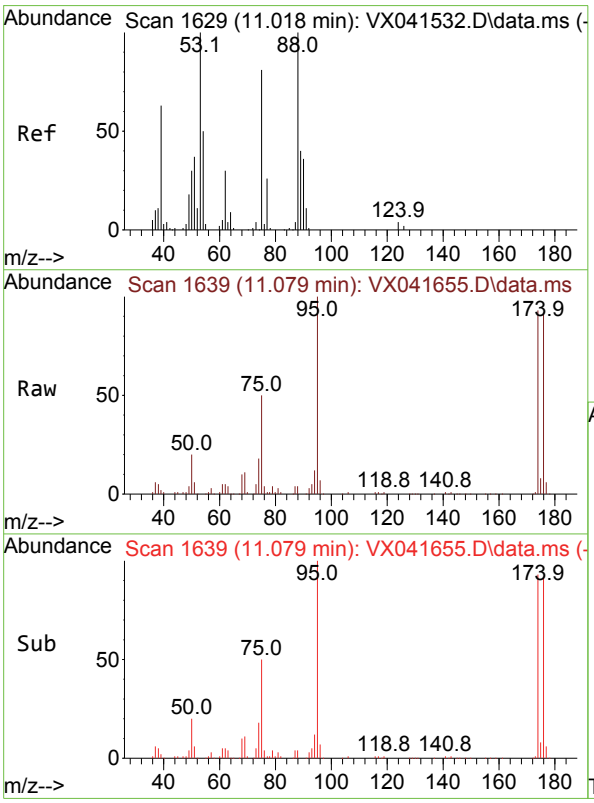
#63
Toluene-d8
Concen: 29.629 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 167371

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7

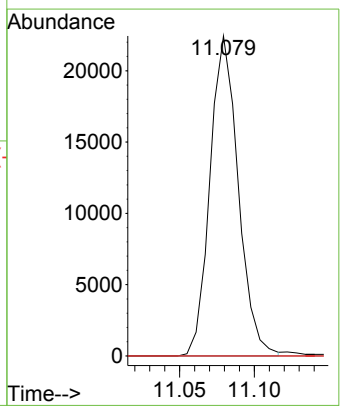


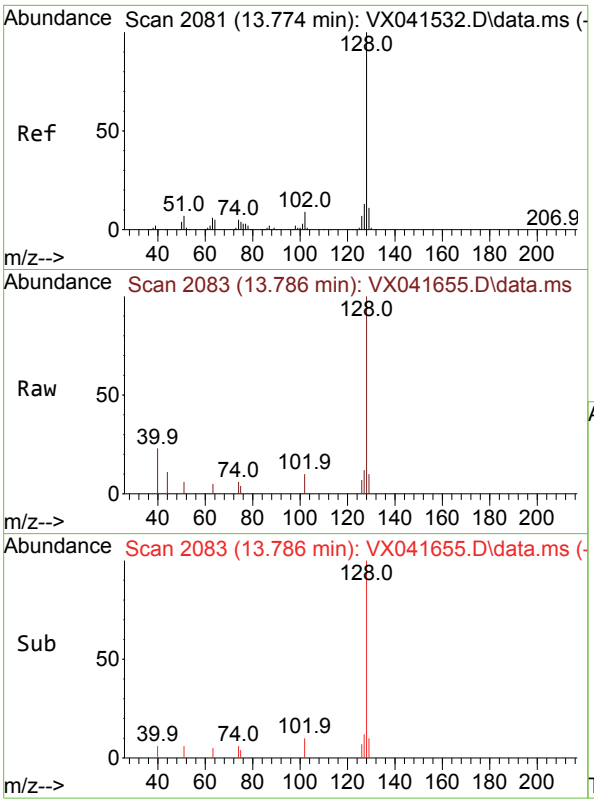


#77
t-1,4-Dichloro-2-butene
Concen: 41.861 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Tgt Ion: 75 Resp: 29521

Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.8	185.3#
89	0.0	24.9	74.7#





#91
Naphthalene
Concen: 0.253 ug/l
RT: 13.786 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 1978

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	8.9	8.8	13.2