Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
Data File : VX026727.D
Acq On : 02 Feb 2022 11:06
Operator : JC/MD
Sample : VX0202WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

Quant Time: Feb 03 03:02:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.904	128	16741	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	92034	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81692	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	37238	27.662	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 92.200%			
60) 4-Bromofluorobenzene	11.079	95	37795	27.722	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.400%			
63) Toluene-d8	8.647	98	107463	28.635	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.433%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	373	0.851	ug/l	84
11) Methyl Iodide	2.465	142	243	0.249	ug/l #	37
51) Ethyl methacrylate	8.653	69	364	0.235	ug/l #	69
56) Bromoform	11.079	173	251	0.357	ug/l #	1
58) 4-Methyl-2-Pentanone	8.647	43	446	0.293	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	18899	14.495	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	18899	48.194	ug/l #	3

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

Quantitation Report (Not Reviewed)

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Misc : 5.0mL/MSVOA_X/WATER
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VX0202WBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
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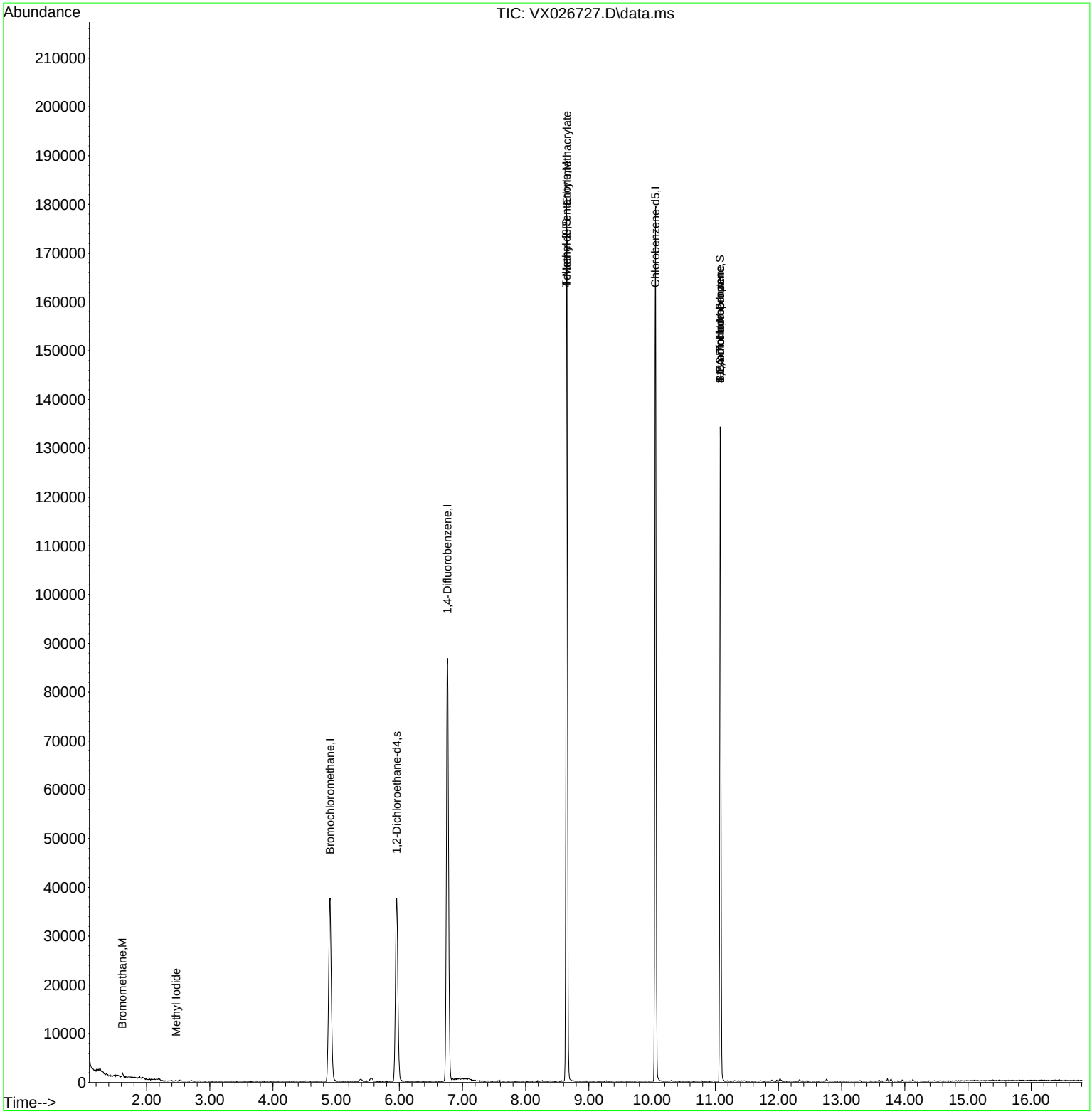
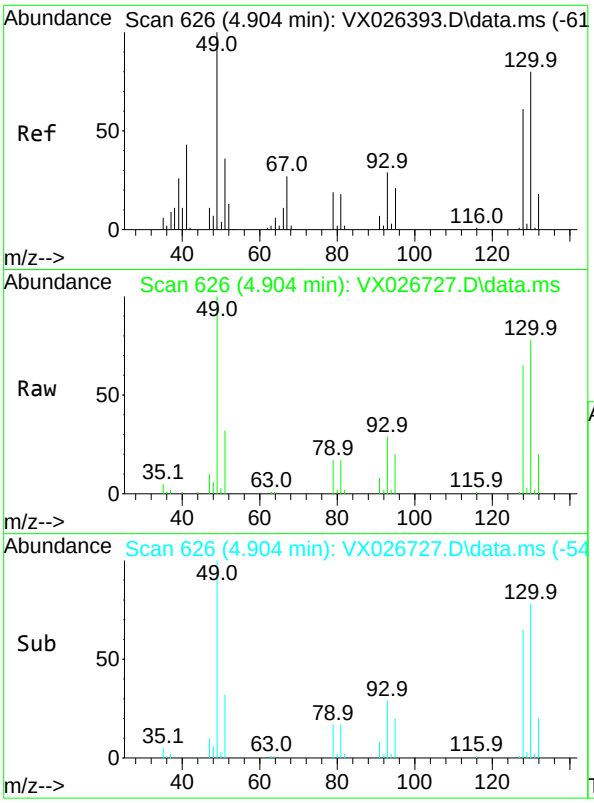


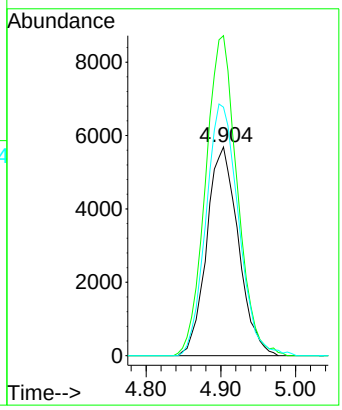


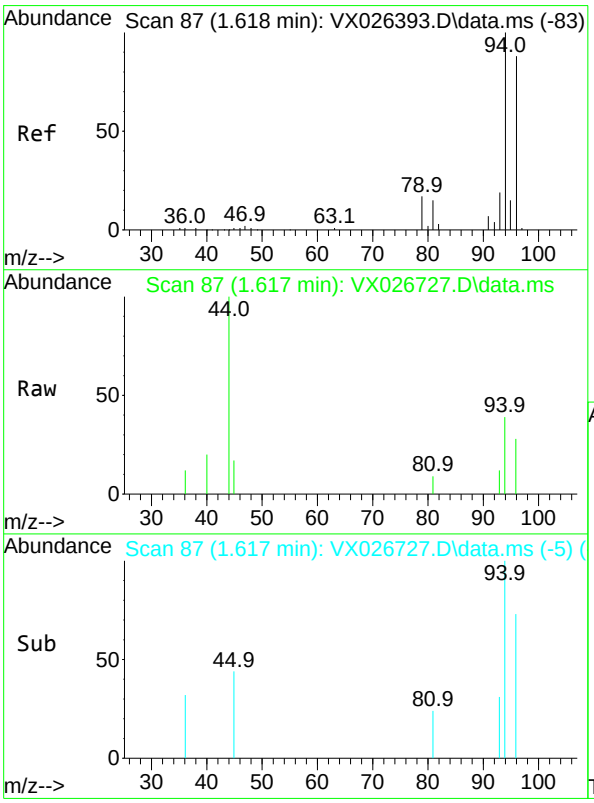
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

Tgt Ion:128 Resp: 16741

Ion	Ratio	Lower	Upper
128	100		
49	153.6	0.0	413.5
130	124.1	0.0	326.0

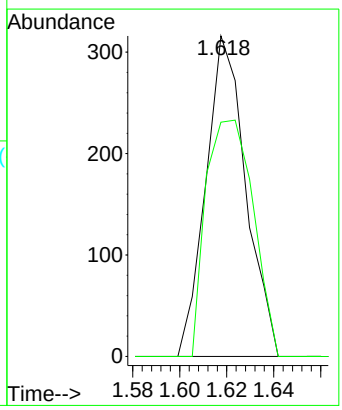


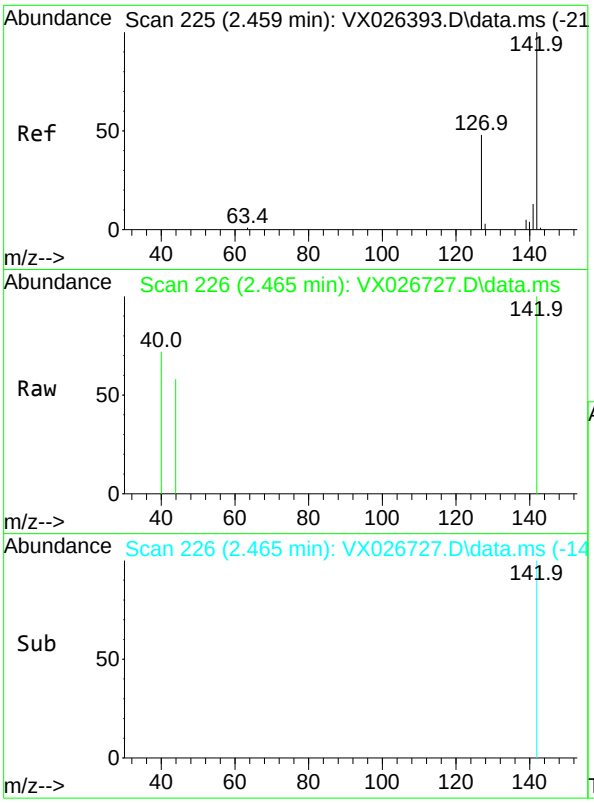


#5
Bromomethane
Concen: 0.851 ug/l
RT: 1.617 min Scan# 87
Delta R.T. -0.000 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Tgt Ion: 94 Resp: 373

Ion	Ratio	Lower	Upper
94	100		
96	73.1	70.3	105.5



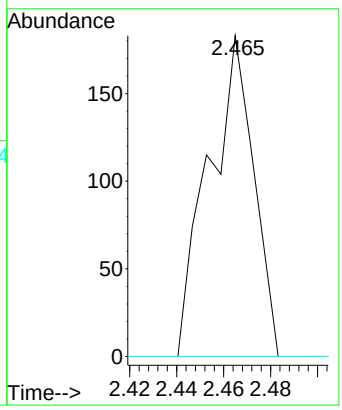


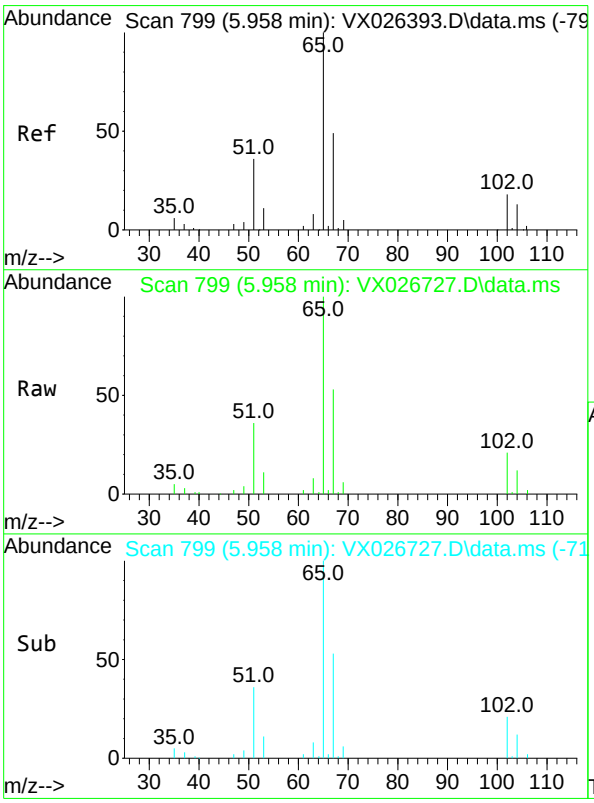
#11
Methyl Iodide
Concen: 0.249 ug/l
RT: 2.465 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

Tgt Ion:142 Resp: 243

Ion	Ratio	Lower	Upper
142	100		
127	0.0	23.9	71.7#
141	0.0	6.7	20.1#

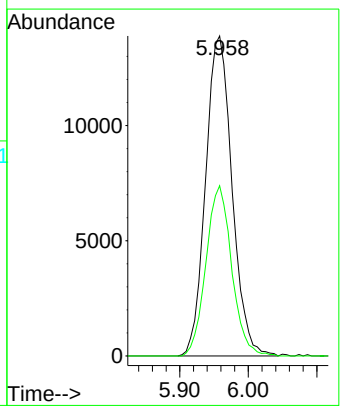


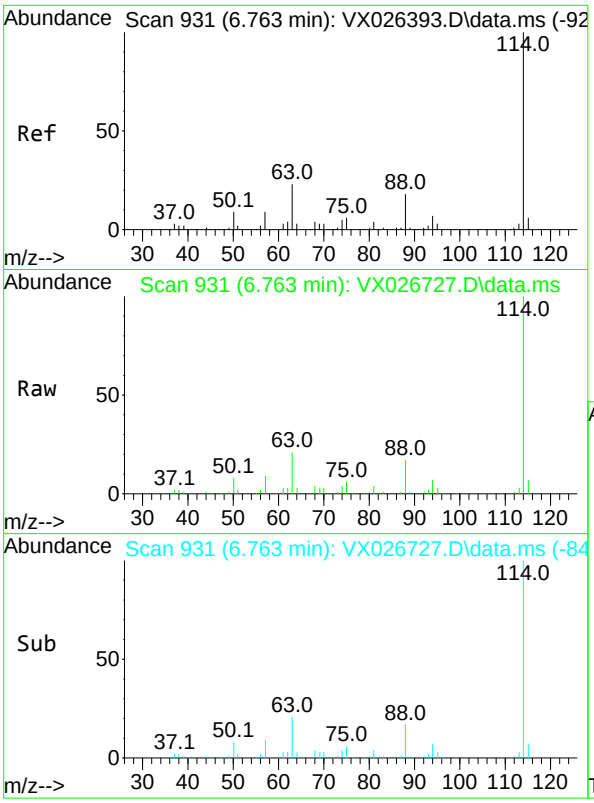


#27
1,2-Dichloroethane-d4
Concen: 27.662 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Tgt Ion: 65 Resp: 37238

Ion	Ratio	Lower	Upper
65	100		
67	51.8	39.6	59.4



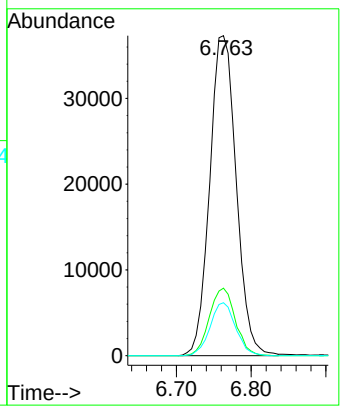


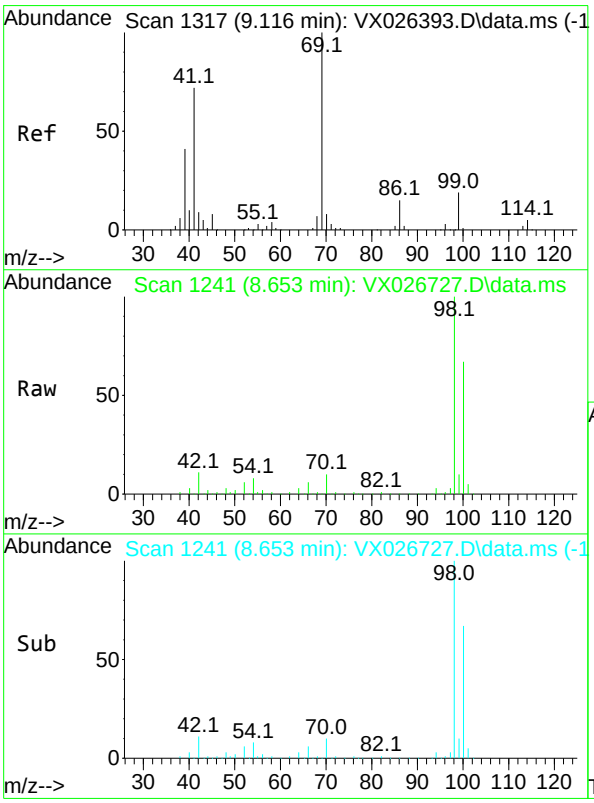
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

Tgt Ion:114 Resp: 92034

Ion	Ratio	Lower	Upper
114	100		
63	20.7	17.4	26.2
88	16.0	13.5	20.3

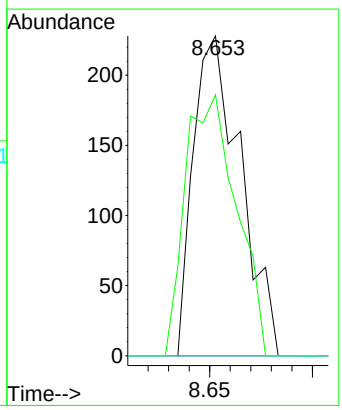


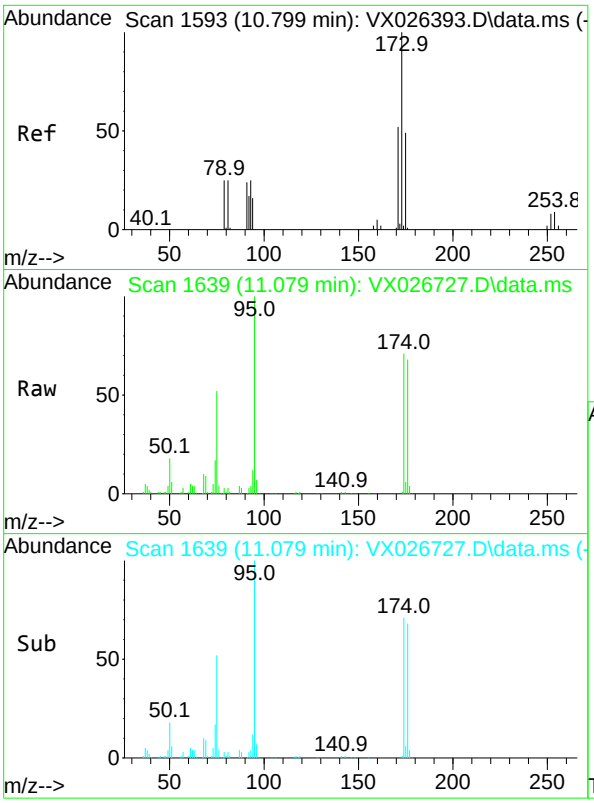


#51
Ethyl methacrylate
Concen: 0.235 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.463 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Tgt Ion: 69 Resp: 364

Ion	Ratio	Lower	Upper
69	100		
41	81.6	35.9	107.7
39	0.0	20.3	61.0#



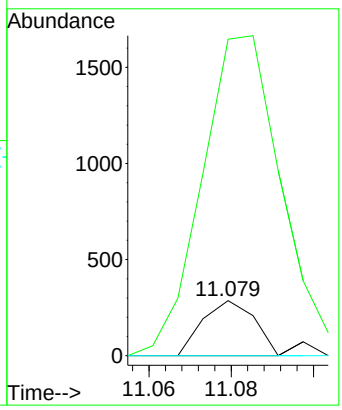


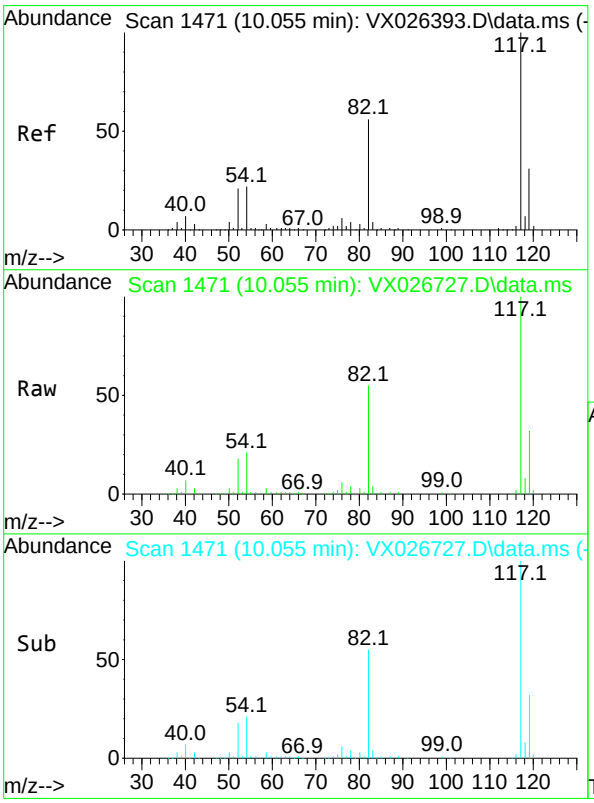
#56
Bromoform
Concen: 0.357 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.280 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

Tgt Ion:173 Resp: 251

Ion	Ratio	Lower	Upper
173	100		
175	886.5	38.0	57.0#
254	0.0	6.6	10.0#

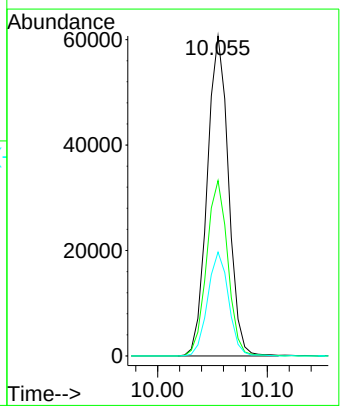


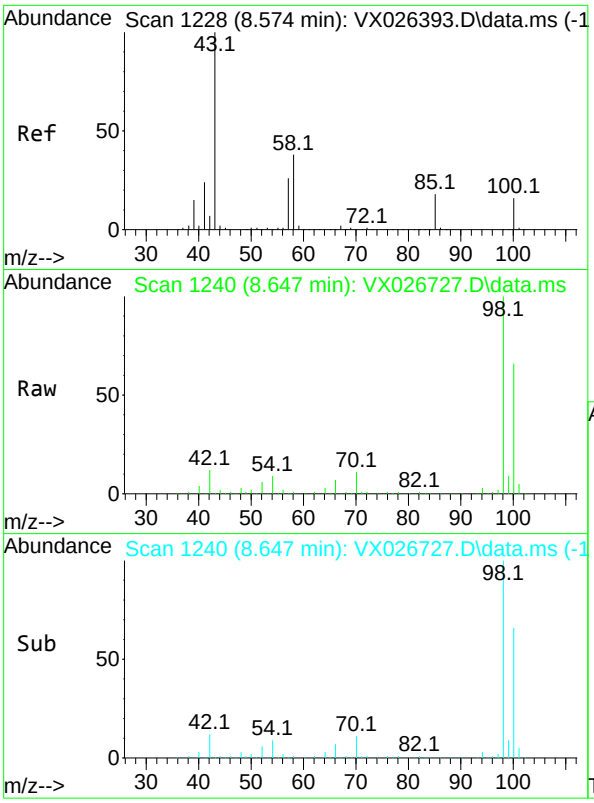


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Tgt Ion:117 Resp: 81692

Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.2	69.4
119	31.8	25.4	38.2



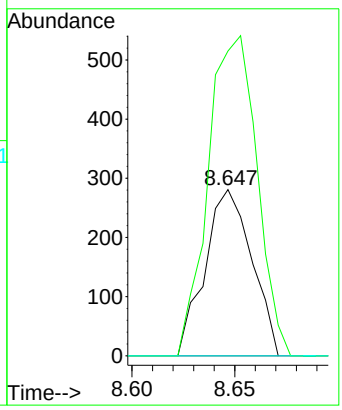


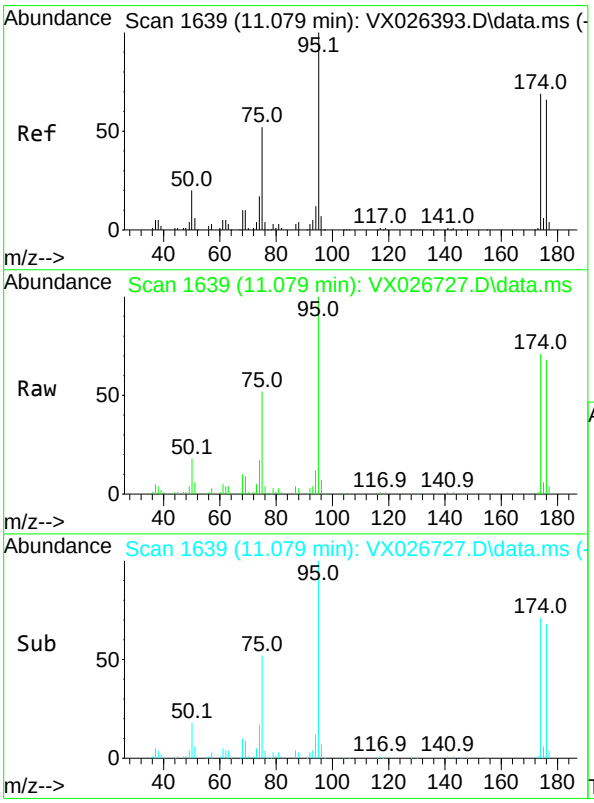
#58
4-Methyl-2-Pentanone
Concen: 0.293 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.073 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

Tgt Ion: 43 Resp: 446

Ion	Ratio	Lower	Upper
43	100		
58	200.4	30.2	45.4#
85	0.0	14.1	21.1#

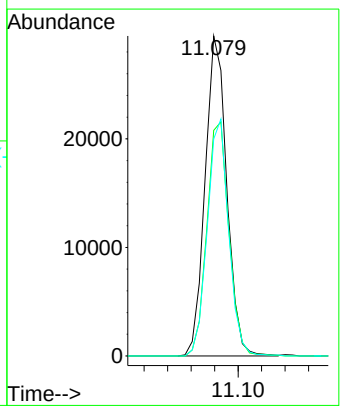


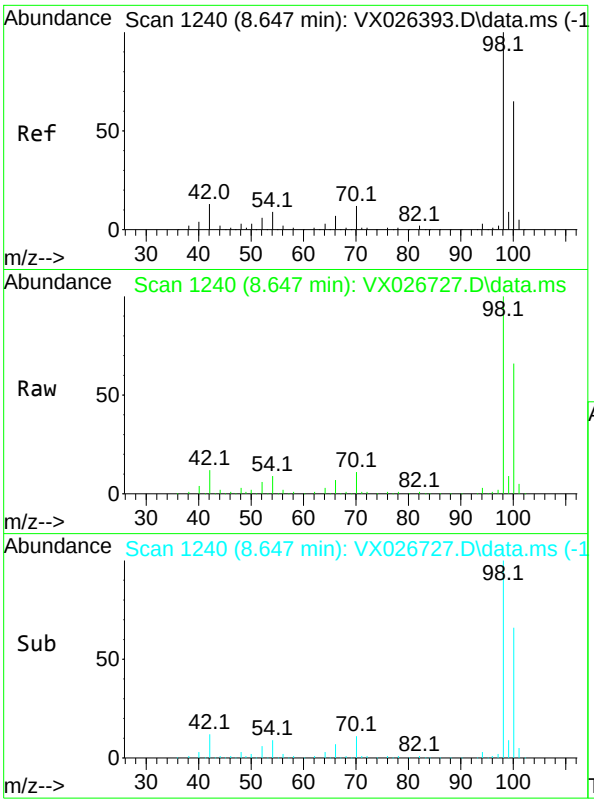


#60
4-Bromofluorobenzene
Concen: 27.722 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Tgt Ion: 95 Resp: 37795

Ion	Ratio	Lower	Upper
95	100		
174	74.1	58.0	87.0
176	72.6	56.5	84.7



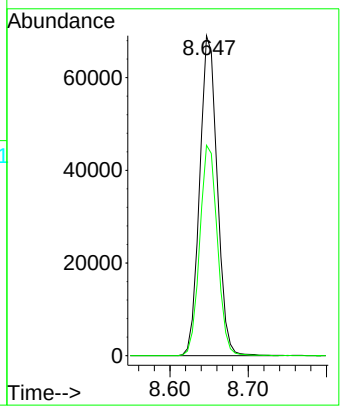


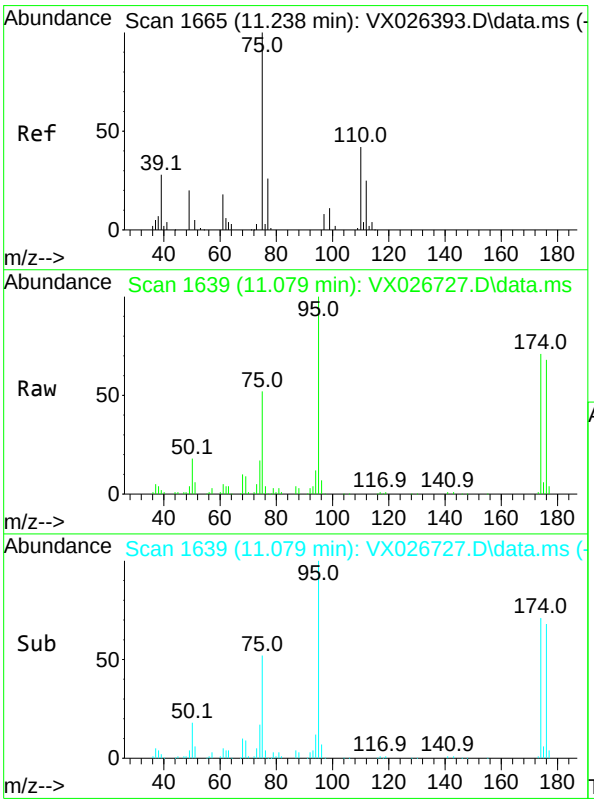
#63
Toluene-d8
Concen: 28.635 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

Tgt Ion: 98 Resp: 107463

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.5	78.7

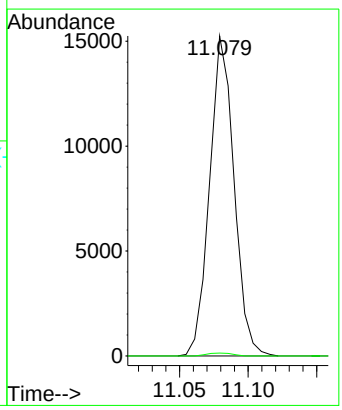


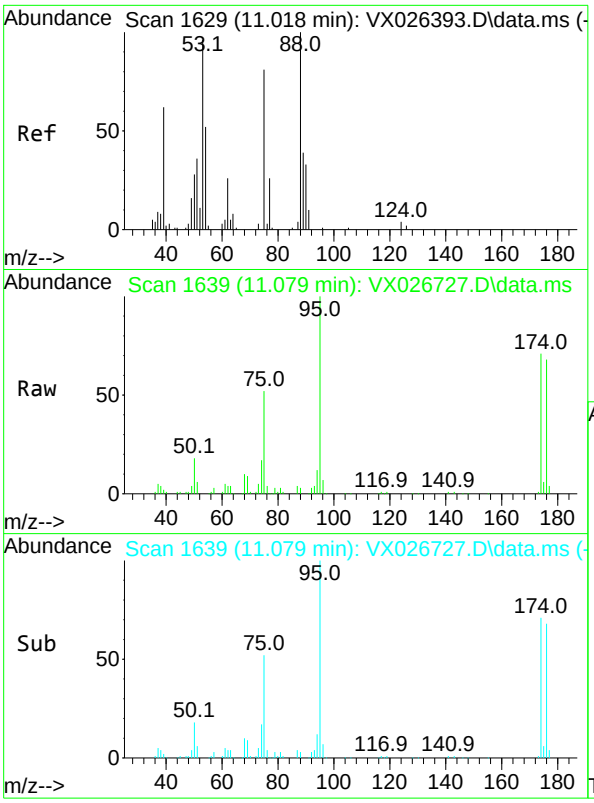


#72
1,2,3-Trichloropropane
Concen: 14.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Tgt Ion: 75 Resp: 18899

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	76.2





#77
t-1,4-Dichloro-2-butene
Concen: 48.194 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026727.D
Acq: 02 Feb 2022 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0202WBL01

Tgt Ion: 75 Resp: 18899

Ion	Ratio	Lower	Upper
75	100		
53	0.0	59.0	176.8#
89	0.0	24.0	72.0#