Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
Data File : VX026917.D
Acq On : 10 Feb 2022 13:56
Operator : JC/MD
Sample : N1416-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(FEB)

Quant Time: Feb 11 03:40:39 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	15059	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	82611	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	69253	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	34594	28.568	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 95.233%			
60) 4-Bromofluorobenzene	11.079	95	32243	27.897	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.000%			
63) Toluene-d8	8.653	98	95602	30.050	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.167%			
Target Compounds						Qvalue
15) Acetone	2.386	58	14167	95.346	ug/l	81
16) Carbon Disulfide	2.514	76	2270	0.993	ug/l #	91
24) Methyl tert-Butyl Ether	3.123	73	1672	0.555	ug/l	99
30) 2-Butanone	4.568	43	7729	10.431	ug/l #	96
58) 4-Methyl-2-Pentanone	8.574	43	3156	2.443	ug/l	97
62) Toluene	8.720	91	1380	0.373	ug/l	97

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

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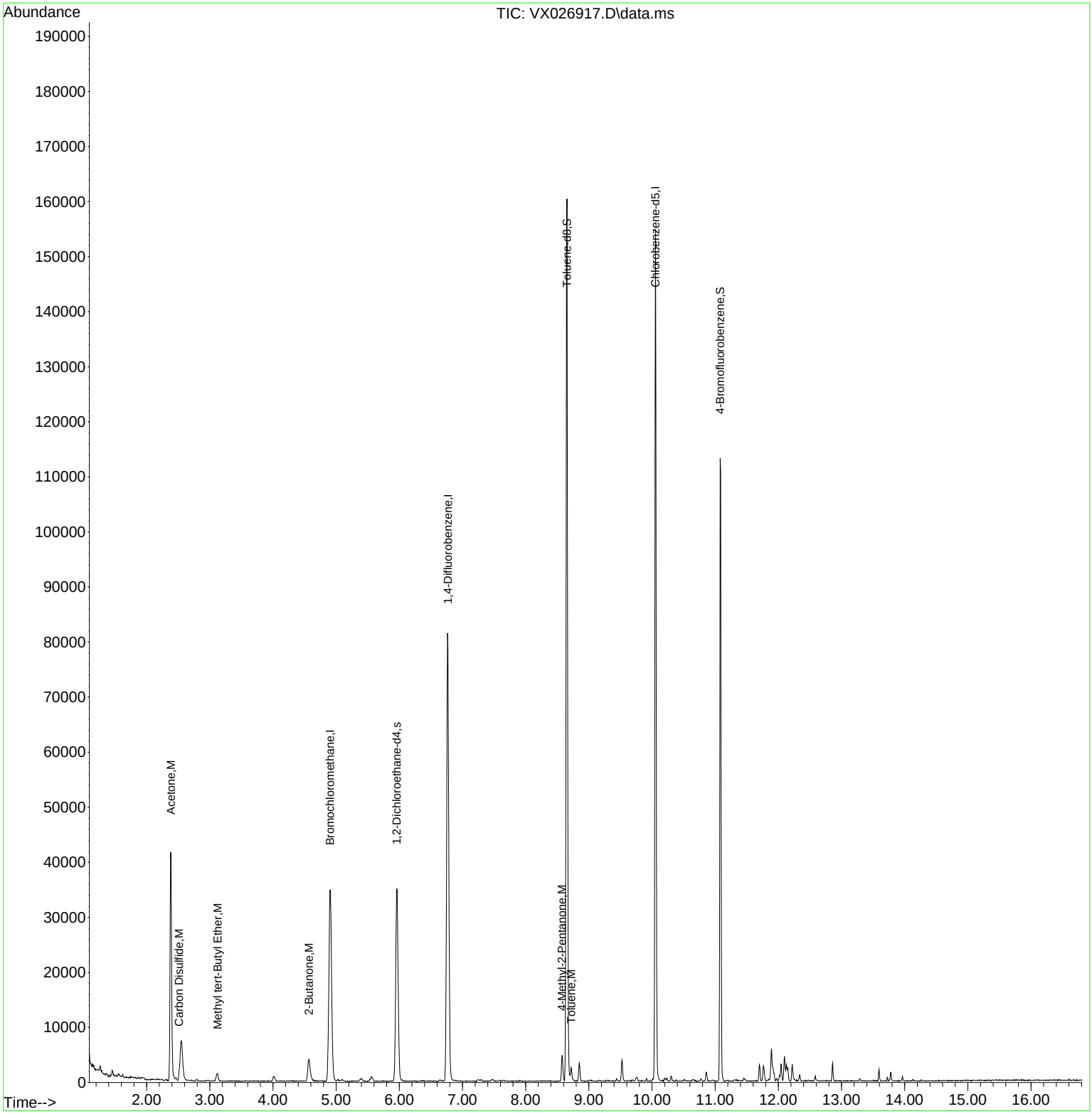
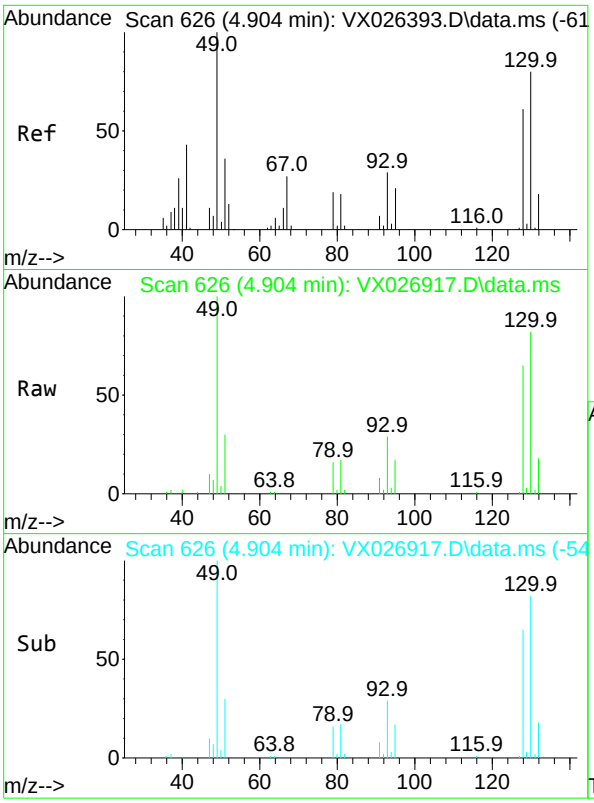


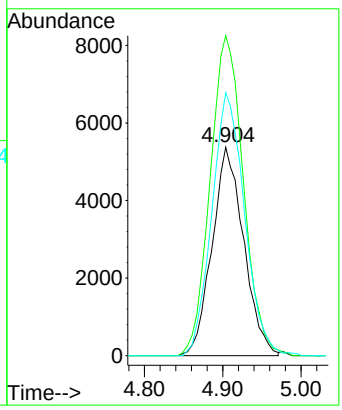


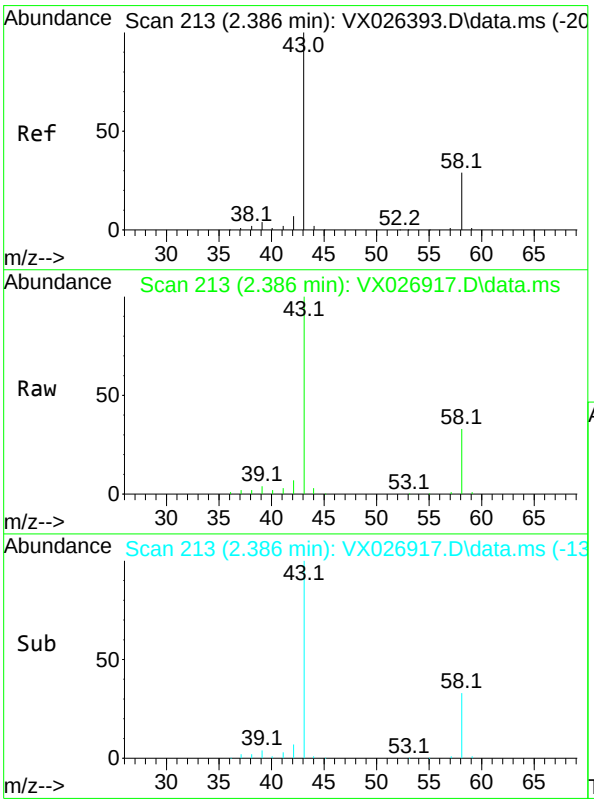
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(FEB)

Tgt Ion:128 Resp: 15059

Ion	Ratio	Lower	Upper
128	100		
49	161.2	0.0	413.5
130	130.6	0.0	326.0

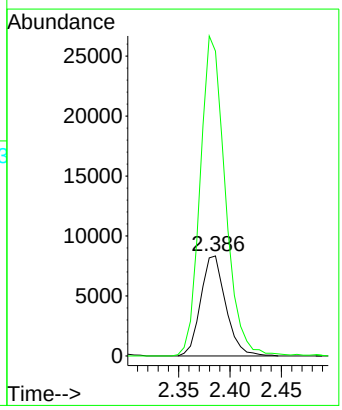


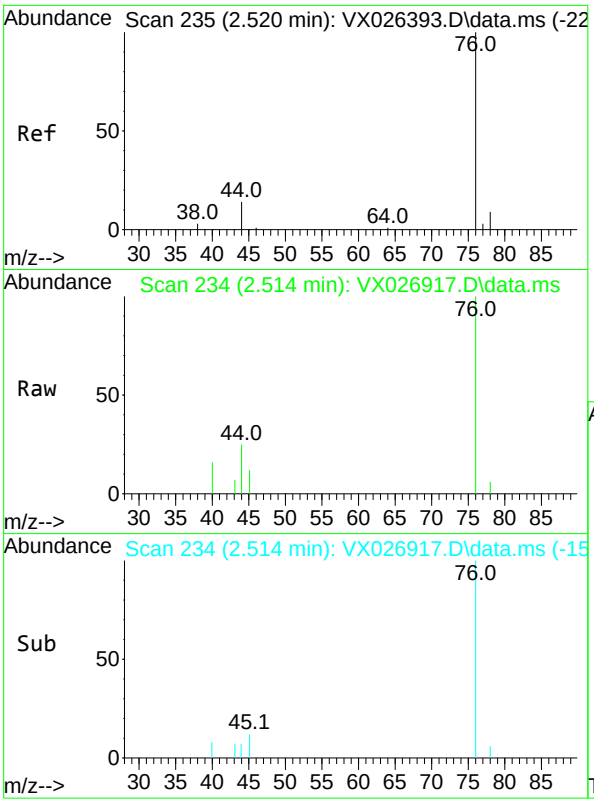


#15
Acetone
Concen: 95.346 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Tgt Ion: 58 Resp: 14167

Ion	Ratio	Lower	Upper
58	100		
43	303.5	276.3	414.5



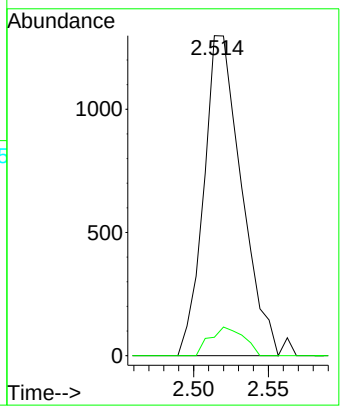


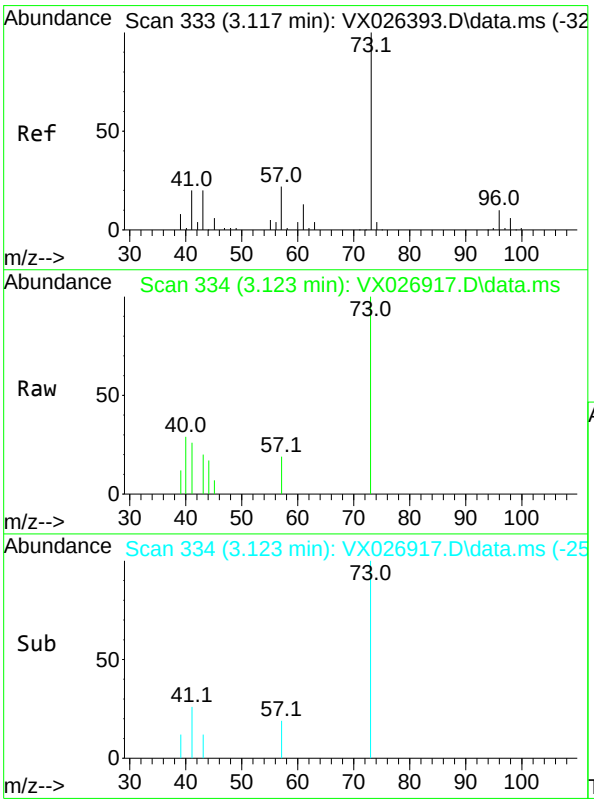
#16
Carbon Disulfide
Concen: 0.993 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(FEB)

Tgt Ion: 76 Resp: 2270

Ion	Ratio	Lower	Upper
76	100		
78	5.8	7.3	10.9#

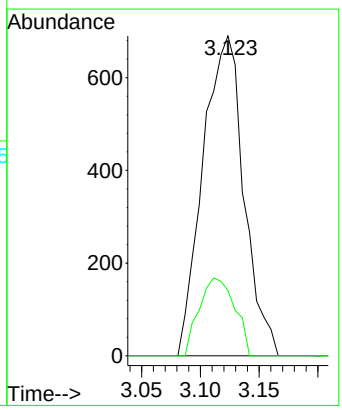


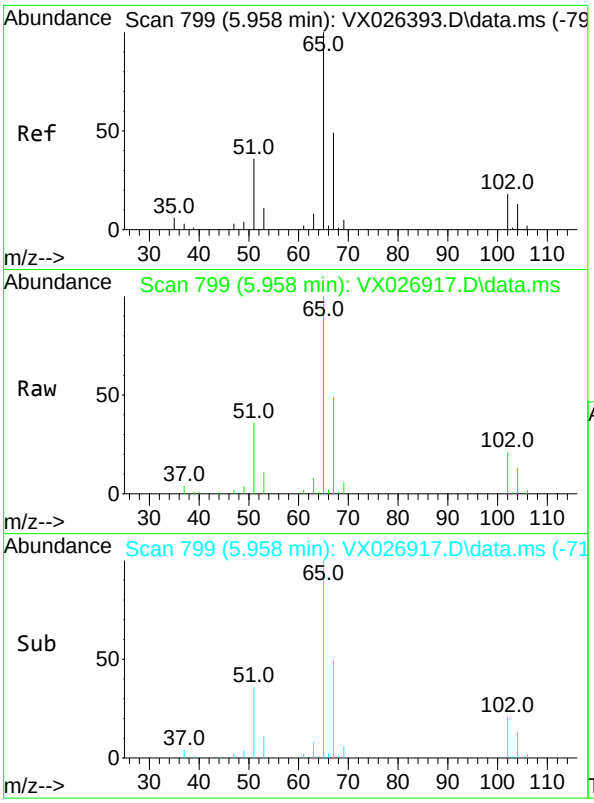


#24
Methyl tert-Butyl Ether
Concen: 0.555 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Tgt Ion: 73 Resp: 1672

Ion	Ratio	Lower	Upper
73	100		
43	21.1	17.1	25.7



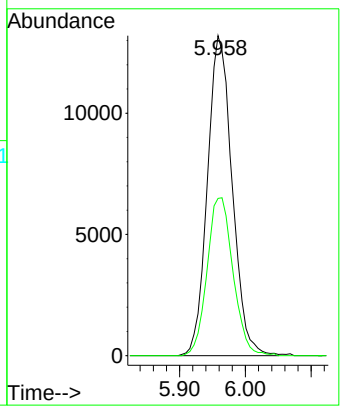


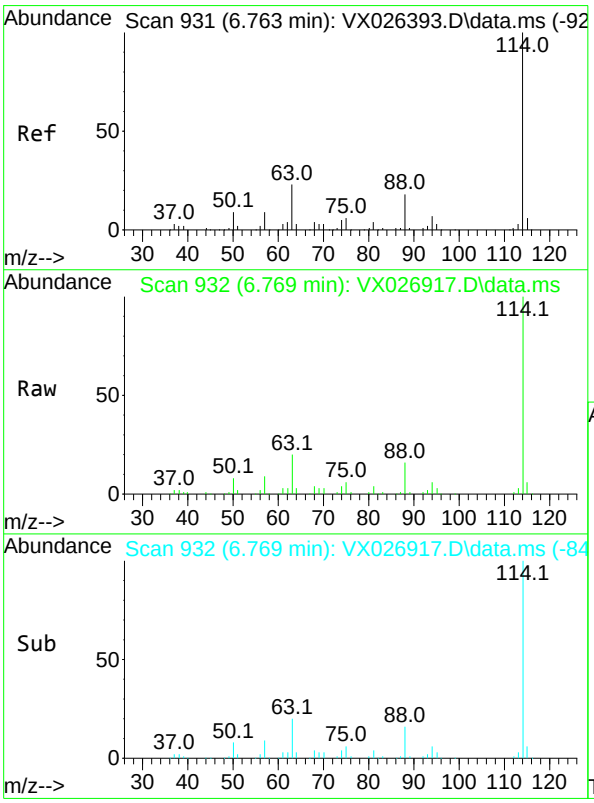
#27
1,2-Dichloroethane-d4
Concen: 28.568 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(FEB)

Tgt Ion: 65 Resp: 34594

Ion	Ratio	Lower	Upper
65	100		
67	51.7	39.6	59.4

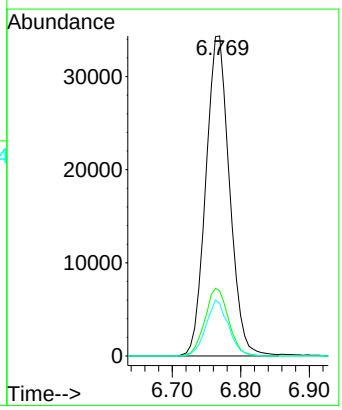


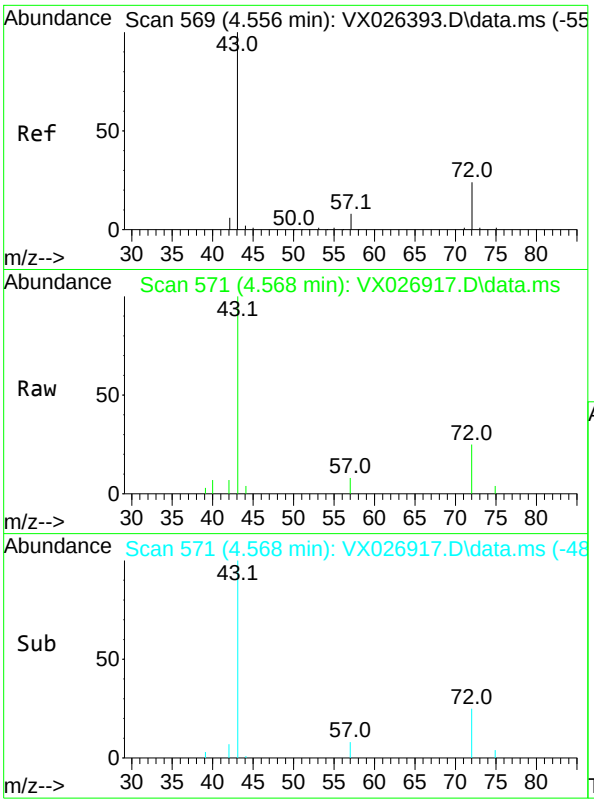


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Tgt Ion:114 Resp: 82611

Ion	Ratio	Lower	Upper
114	100		
63	21.0	17.4	26.2
88	16.4	13.5	20.3



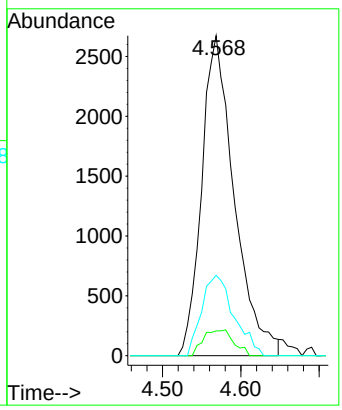


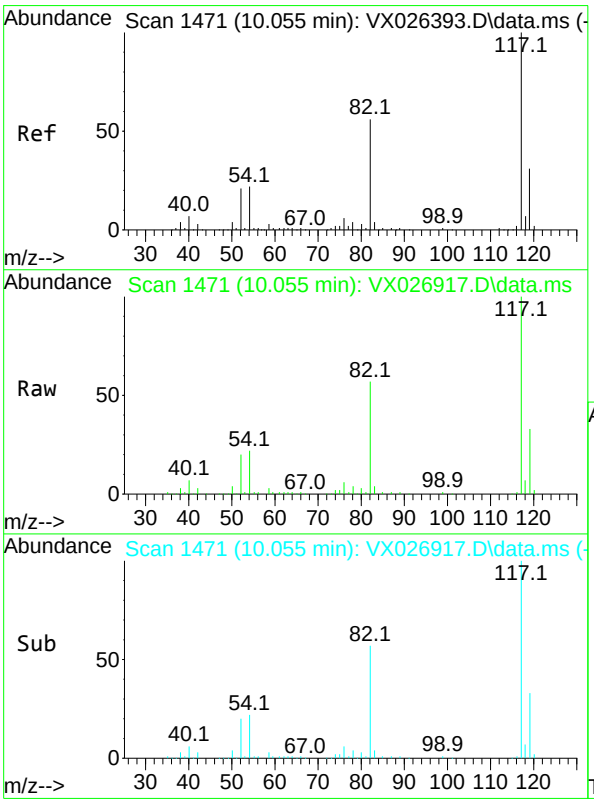
#30
2-Butanone
Concen: 10.431 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(FEB)

Tgt Ion: 43 Resp: 7729

Ion	Ratio	Lower	Upper
43	100		
57	2.8	6.3	9.5#
72	24.9	19.8	29.6

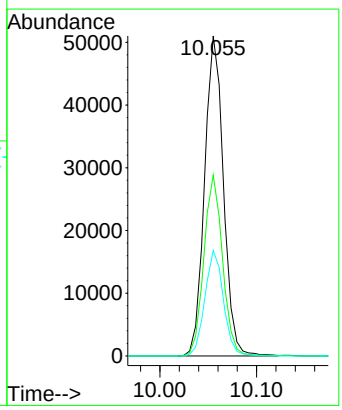


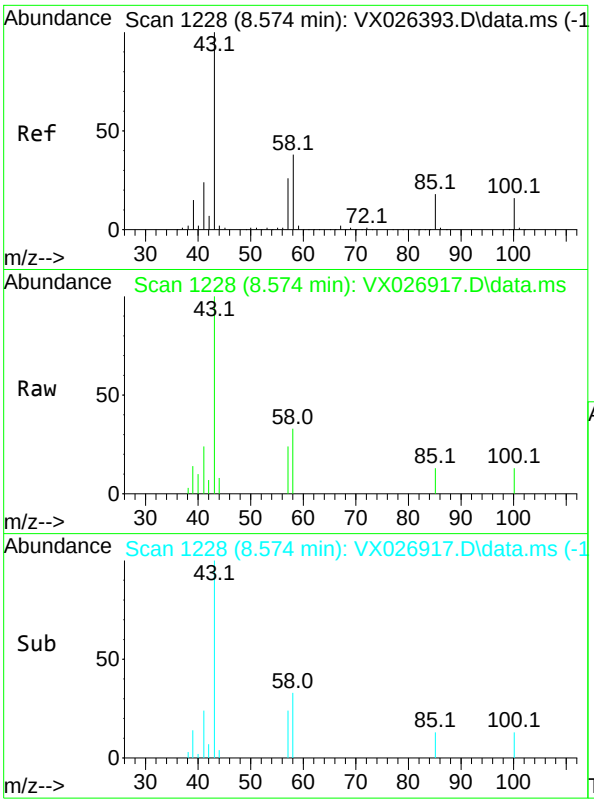


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Tgt Ion:117 Resp: 69253

Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.2	69.4
119	32.4	25.4	38.2



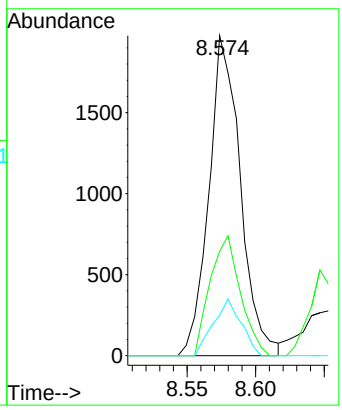


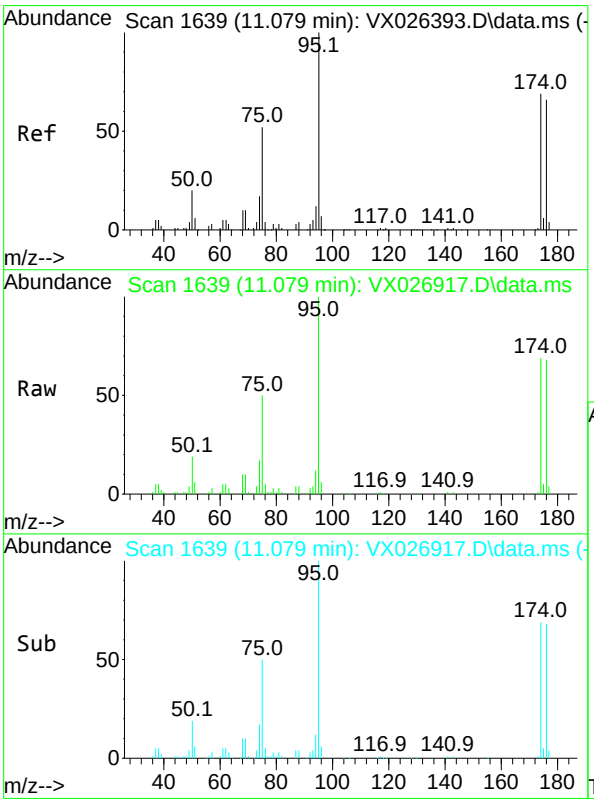
#58
4-Methyl-2-Pentanone
Concen: 2.443 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(FEB)

Tgt Ion: 43 Resp: 3156

Ion	Ratio	Lower	Upper
43	100		
58	36.1	30.2	45.4
85	15.7	14.1	21.1

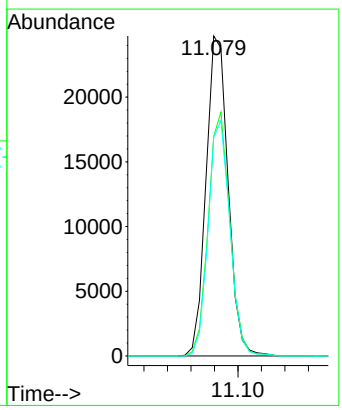


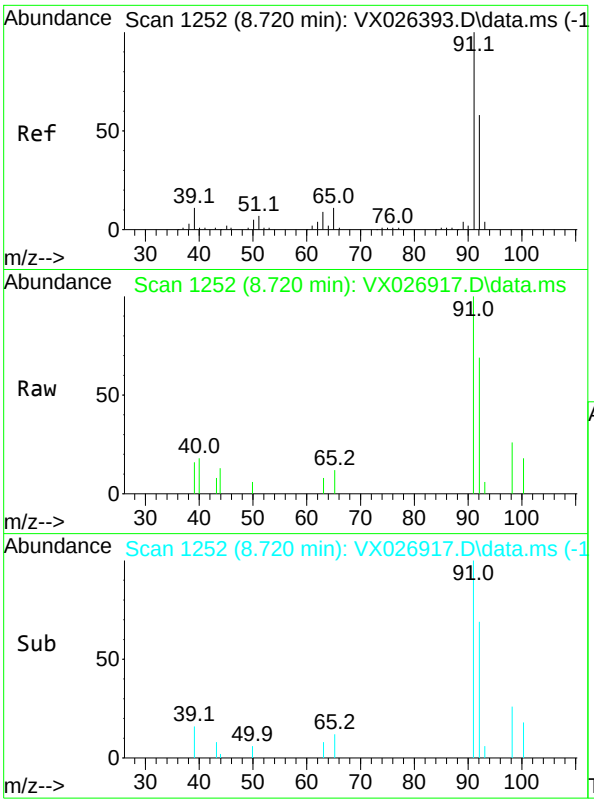


#60
4-Bromofluorobenzene
Concen: 27.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Tgt Ion: 95 Resp: 32243

Ion	Ratio	Lower	Upper
95	100		
174	74.7	58.0	87.0
176	72.3	56.5	84.7



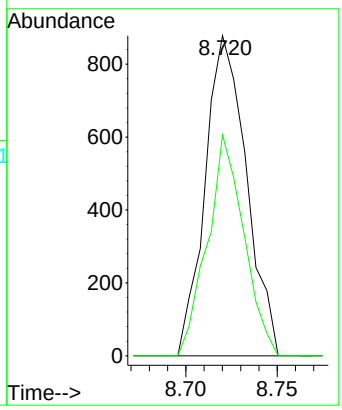


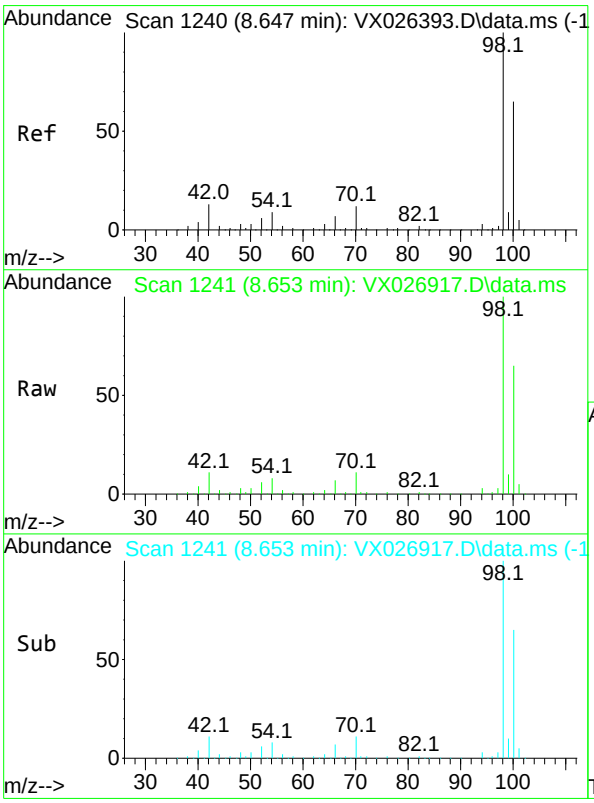
#62
Toluene
Concen: 0.373 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(FEB)

Tgt Ion: 91 Resp: 1380

Ion	Ratio	Lower	Upper
91	100		
92	60.9	47.2	70.8





#63
Toluene-d8
Concen: 30.050 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX026917.D
Acq: 10 Feb 2022 13:56

Tgt Ion: 98 Resp: 95602

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.5	78.7