Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
Data File : VX027286.D
Acq On : 03 Mar 2022 22:10
Operator : JC/MD
Sample : N1728-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 04 02:42:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 04 01:00:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.910	128	12545	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.769	114	66792	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	60700	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.958	65	25484	29.343	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 97.800%				
60) 4-Bromofluorobenzene	11.085	95	28044	28.519	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.067%				
63) Toluene-d8	8.653	98	78087	29.427	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.100%				
Target Compounds							Qvalue
15) Acetone	2.379	58	7767	64.186	ug/l		98
16) Carbon Disulfide	2.526	76	5887	3.086	ug/l		99
30) 2-Butanone	4.568	43	4241	7.358	ug/l	#	77
58) 4-Methyl-2-Pentanone	8.580	43	4594	4.184	ug/l		99
62) Toluene	8.726	91	2943	0.890	ug/l		86
67) m/p-Xylenes	10.305	106	428	0.293	ug/l		94

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

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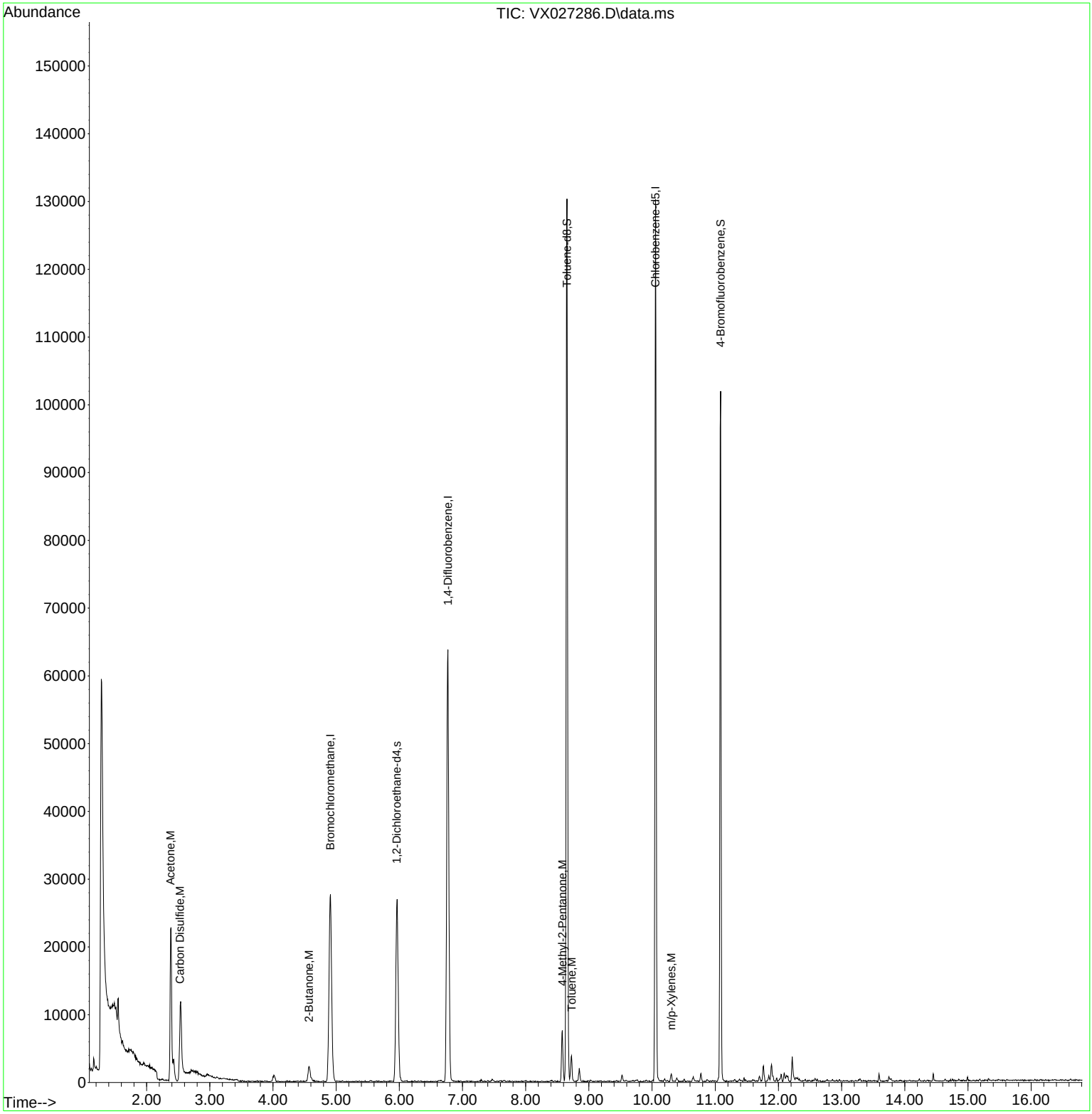
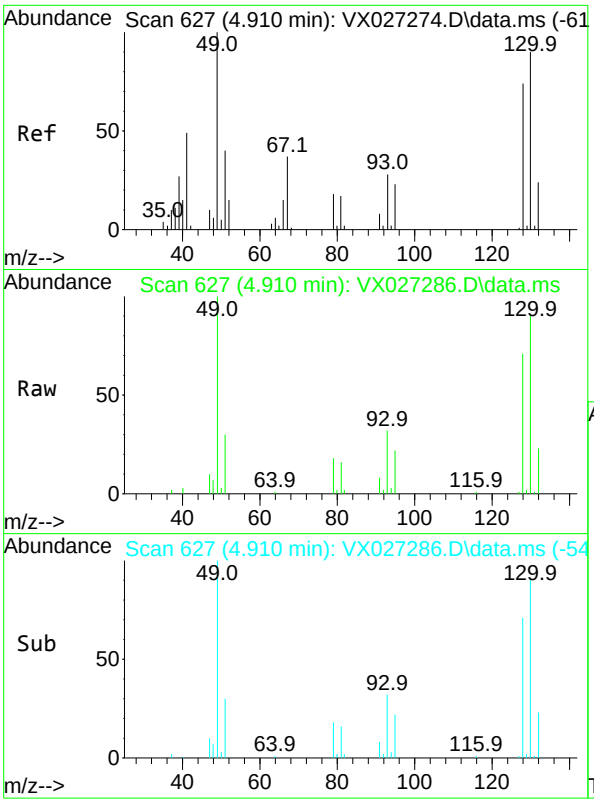


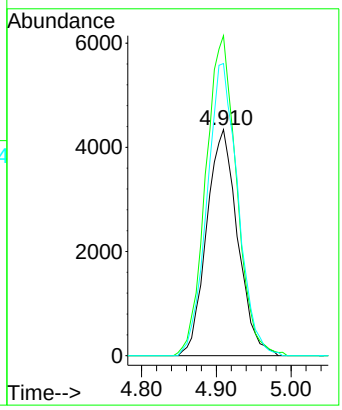


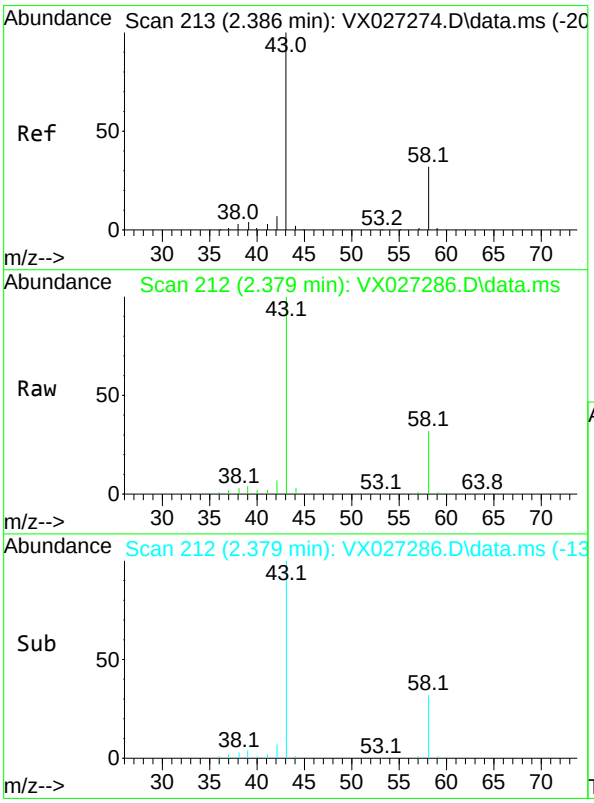
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

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

Tgt Ion:128 Resp: 12545

Ion	Ratio	Lower	Upper
128	100		
49	140.7	0.0	358.3
130	128.5	0.0	319.3

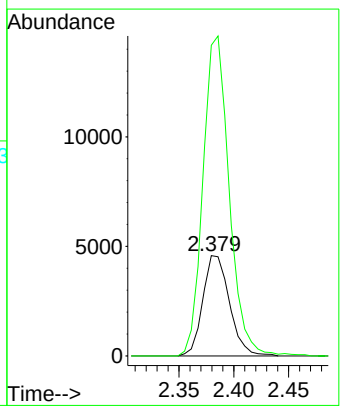


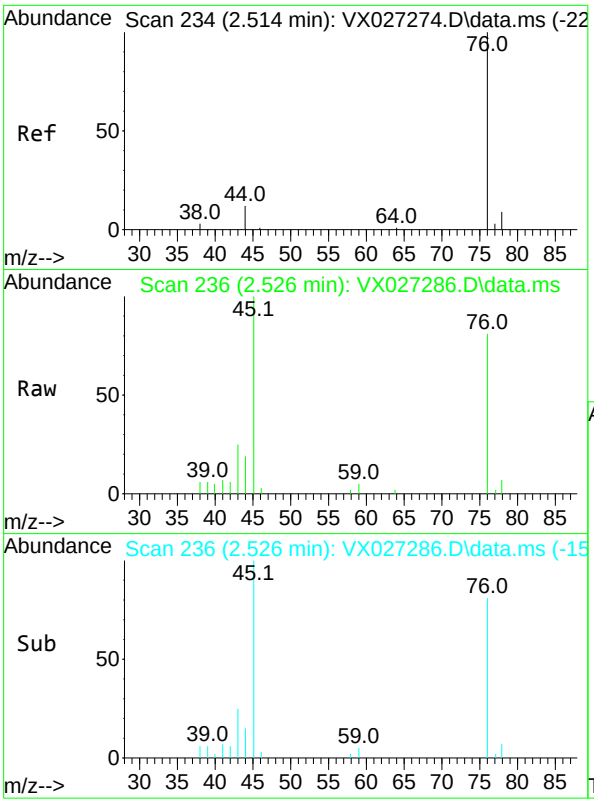


#15
Acetone
Concen: 64.186 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

Tgt Ion: 58 Resp: 7767

Ion	Ratio	Lower	Upper
58	100		
43	309.5	250.2	375.2



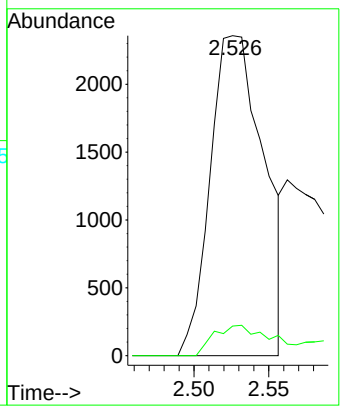


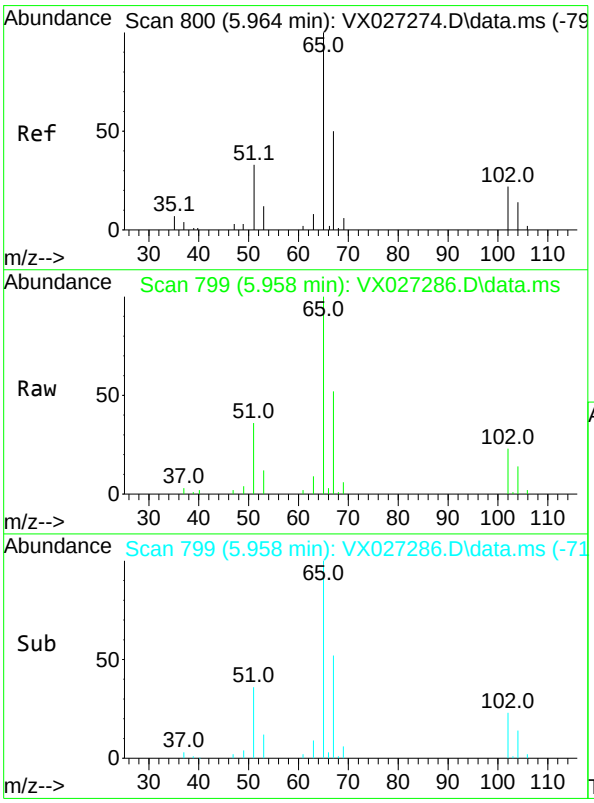
#16
Carbon Disulfide
Concen: 3.086 ug/l
RT: 2.526 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

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

Tgt Ion: 76 Resp: 5887

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

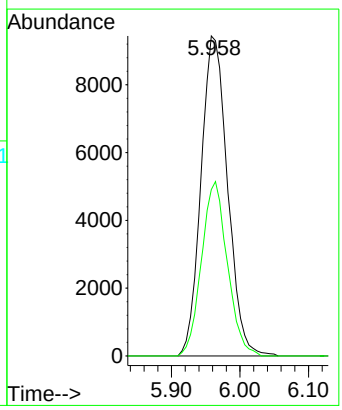


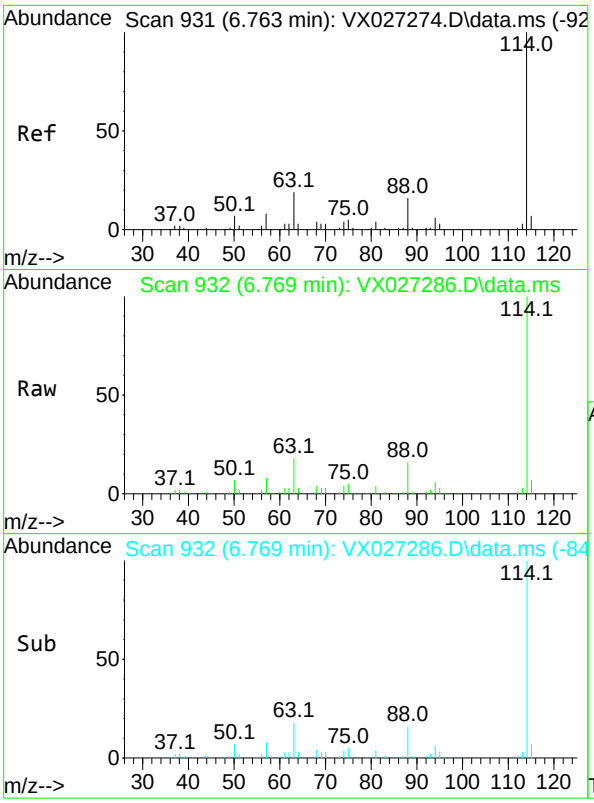


#27
1,2-Dichloroethane-d4
Concen: 29.343 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

Tgt Ion: 65 Resp: 25484

Ion	Ratio	Lower	Upper
65	100		
67	53.0	42.3	63.5



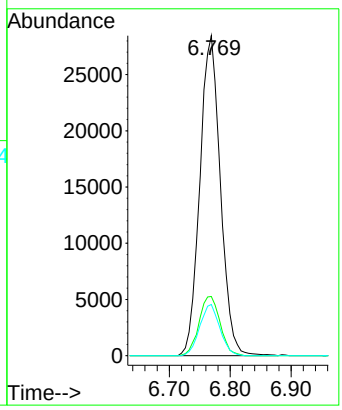


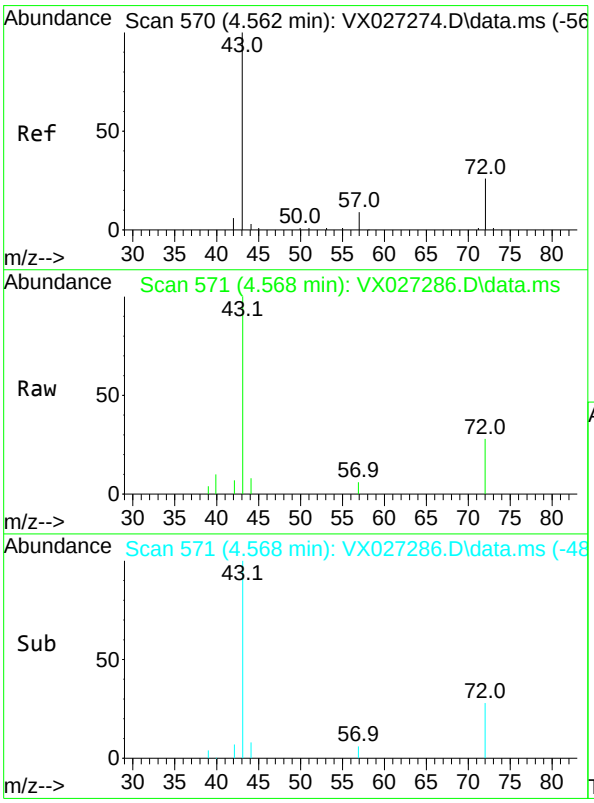
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

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

Tgt Ion:114 Resp: 66792

Ion	Ratio	Lower	Upper
114	100		
63	19.0	15.3	22.9
88	15.6	12.2	18.4

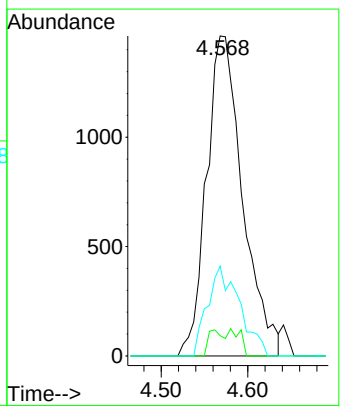


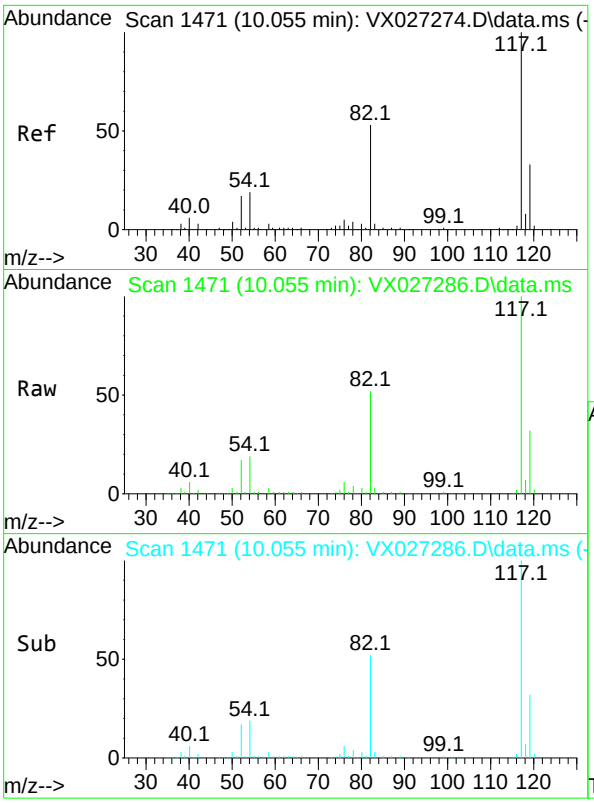


#30
2-Butanone
Concen: 7.358 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

Tgt Ion: 43 Resp: 4241

Ion	Ratio	Lower	Upper
43	100		
57	3.5	6.6	10.0#
72	14.1	22.1	33.1#



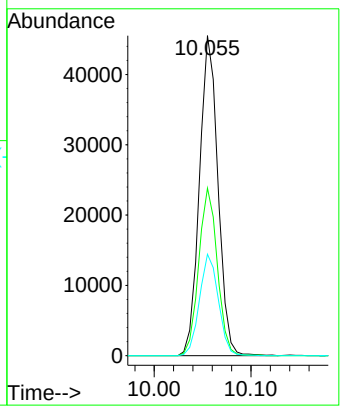


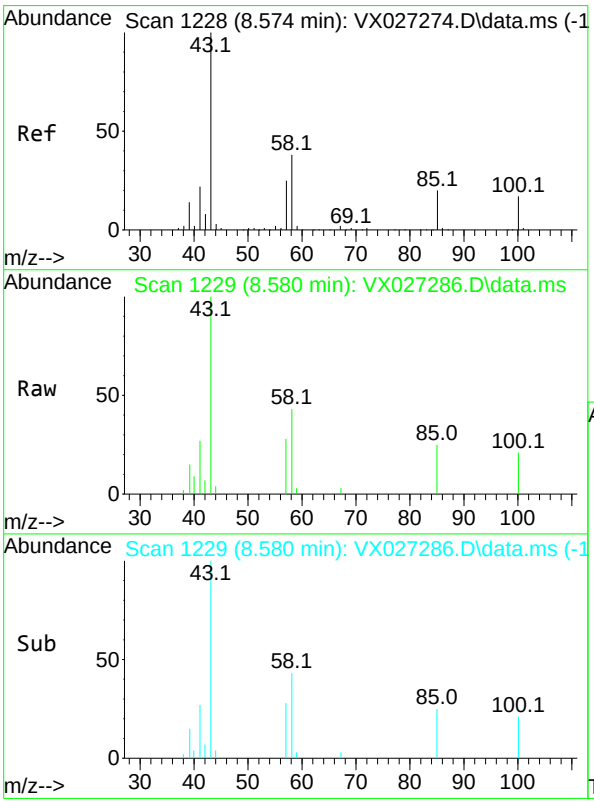
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

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

Tgt Ion:117 Resp: 60700

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.3	63.5
119	32.4	26.2	39.2

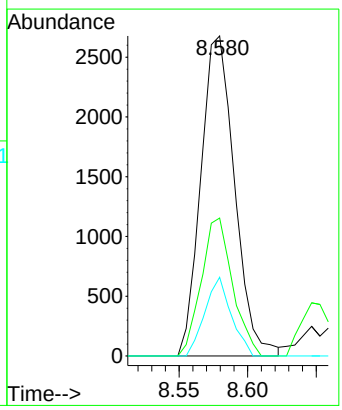


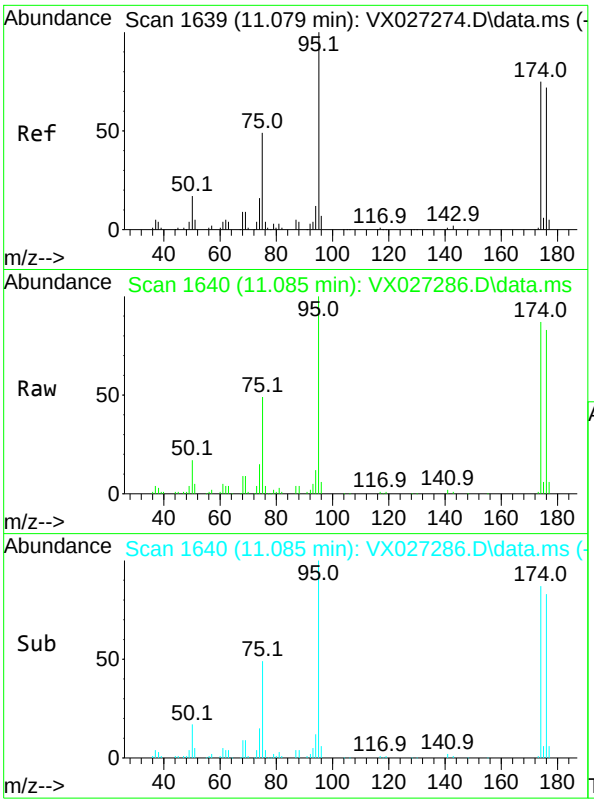


#58
4-Methyl-2-Pentanone
Concen: 4.184 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

Tgt Ion: 43 Resp: 4594

Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.8	47.6
85	19.2	15.8	23.6



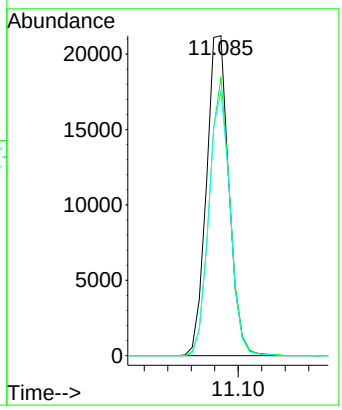


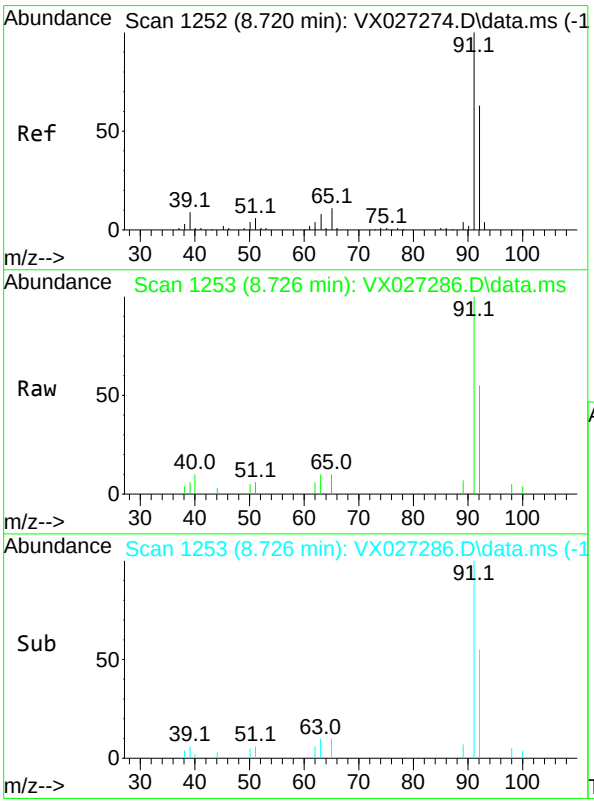
#60
4-Bromofluorobenzene
Concen: 28.519 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

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

Tgt Ion: 95 Resp: 28044

Ion	Ratio	Lower	Upper
95	100		
174	80.5	65.4	98.2
176	78.3	63.4	95.0

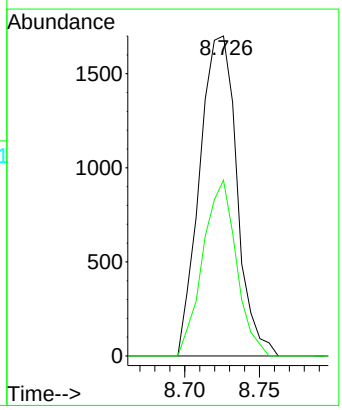


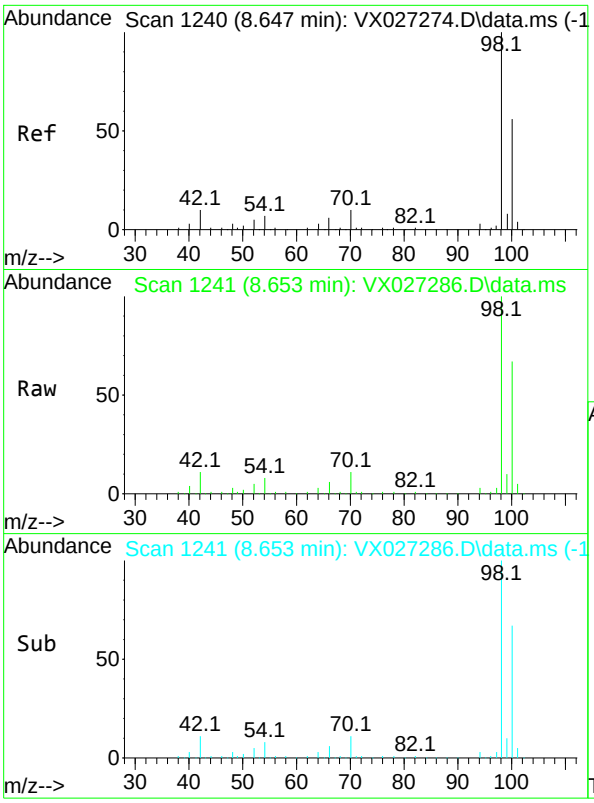


#62
Toluene
Concen: 0.890 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

Tgt Ion: 91 Resp: 2943

Ion	Ratio	Lower	Upper
91	100		
92	49.4	48.1	72.1



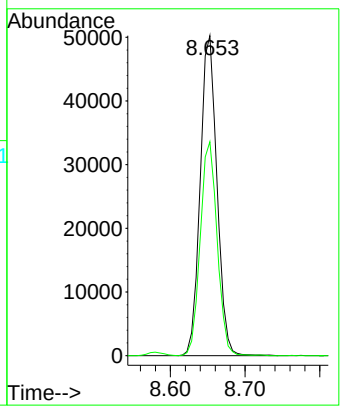


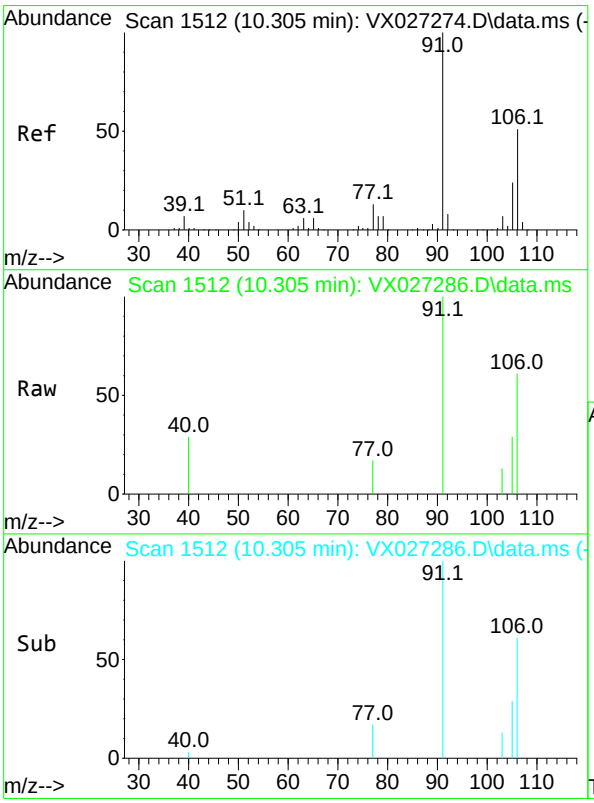
#63
Toluene-d8
Concen: 29.427 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

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

Tgt Ion: 98 Resp: 78087

Ion	Ratio	Lower	Upper
98	100		
100	67.5	51.4	77.2





#67
m/p-Xylenes
Concen: 0.293 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027286.D
Acq: 03 Mar 2022 22:10

Tgt Ion:106 Resp: 428

Ion	Ratio	Lower	Upper
106	100		
91	190.0	159.5	239.3