Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
Data File : VX045291.D
Acq On : 14 Mar 2025 12:59
Operator : JC/MD
Sample : Q1495-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 15 03:58:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.898	128	16787	30.000	ug/l		0.01
28) 1,4-Difluorobenzene	6.757	114	89621	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	84103	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.952	65	52904	32.448	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.167%				
60) 4-Bromofluorobenzene	11.079	95	45921	29.212	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.367%				
63) Toluene-d8	8.647	98	137123	29.472	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.233%				
Target Compounds							Qvalue
6) Chloroethane	1.666	64	245	0.277	ug/l	#	87
12) Methyl Acetate	2.709	43	1471	0.993	ug/l	#	85
15) Acetone	2.386	58	18421	92.858	ug/l		98
23) tert-Butyl Alcohol	2.983	59	457	1.810	ug/l	#	100
42) Vinyl Acetate	3.873	43	905	0.245	ug/l	#	76
48) t-1,3-Dichloropropene	8.714	75	817	0.462	ug/l	#	1
49) cis-1,3-Dichloropropene	8.714	75	817	0.408	ug/l	#	1
50) 1,1,2-Trichloroethane	8.848	97	800	0.665	ug/l	#	16
56) Bromoform	11.085	173	352	0.422	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.580	43	8007	4.185	ug/l		95
62) Toluene	8.714	91	104236	18.709	ug/l		99
67) m/p-Xylenes	10.305	106	547	0.241	ug/l		99
72) 1,2,3-Trichloropropane	11.079	75	25067	16.107	ug/l		36
77) t-1,4-Dichloro-2-butene	11.079	75	25067	47.874	ug/l	#	10
79) tert-butylbenzene	12.006	119	2030	0.424	ug/l		66
80) 1,2,4-Trimethylbenzene	11.756	105	1014	0.213	ug/l		74
82) p-Isopropyltoluene	12.006	119	2030	0.417	ug/l		98
91) Naphthalene	13.780	128	2471	0.478	ug/l	#	96

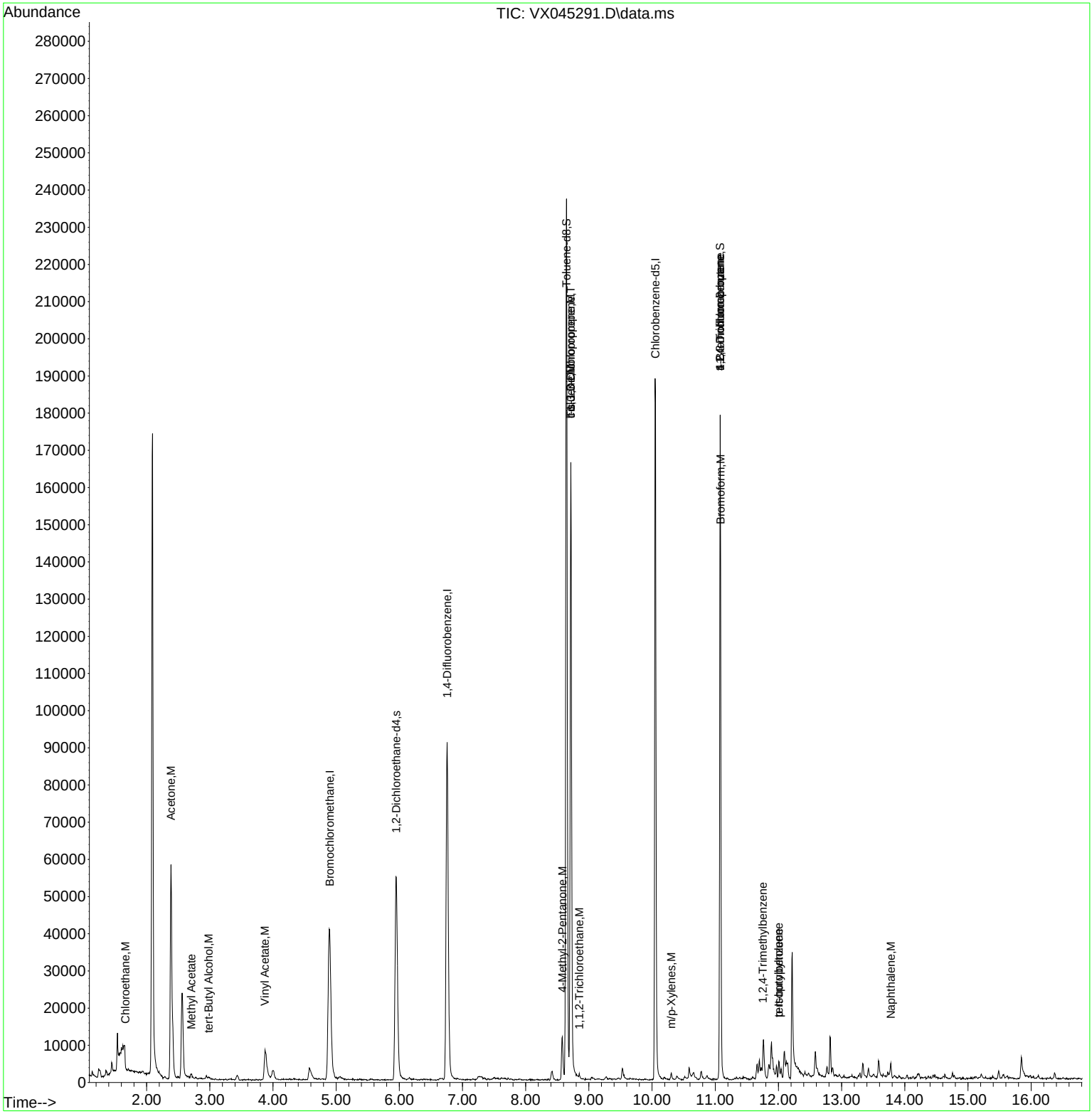
(#) = qualifier out of range (m) = manual integration (+) = signals summed

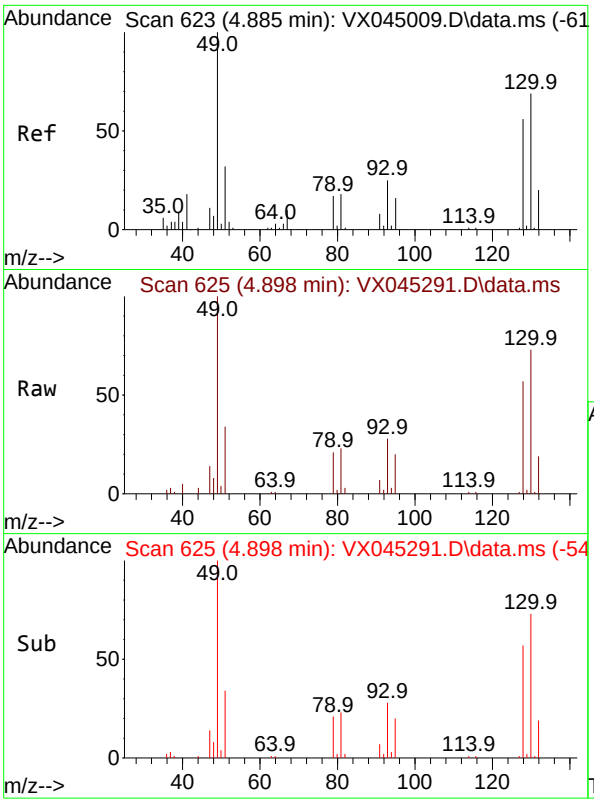
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
Data File : VX045291.D
Acq On : 14 Mar 2025 12:59
Operator : JC/MD
Sample : Q1495-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 15 03:58:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 2025
Response via : Initial Calibration



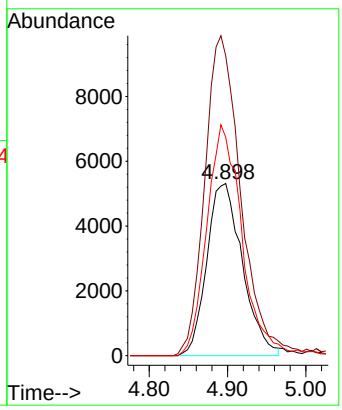


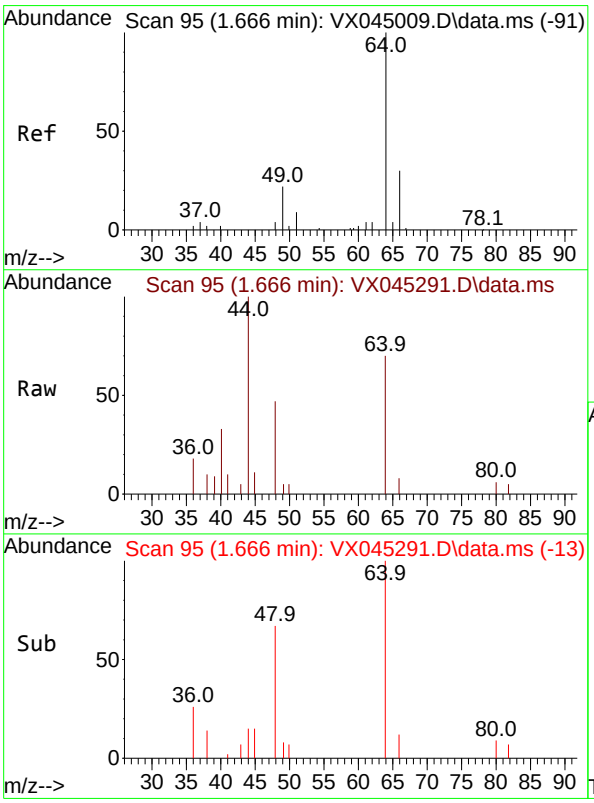
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 6
Delta R.T. 0.013 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion:128 Resp: 16787

Ion	Ratio	Lower	Upper
128	100		
49	187.9	0.0	449.7
130	131.9	0.0	312.7

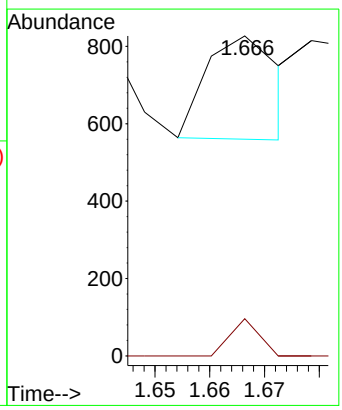


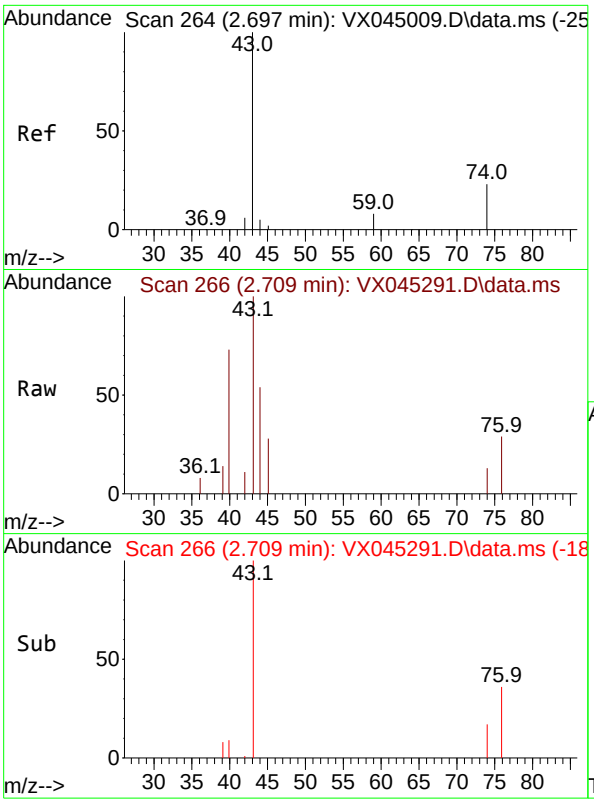


#6
Chloroethane
Concen: 0.277 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion: 64 Resp: 245

Ion	Ratio	Lower	Upper
64	100		
66	36.5	23.7	35.5#



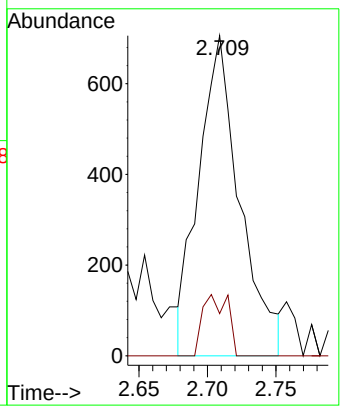


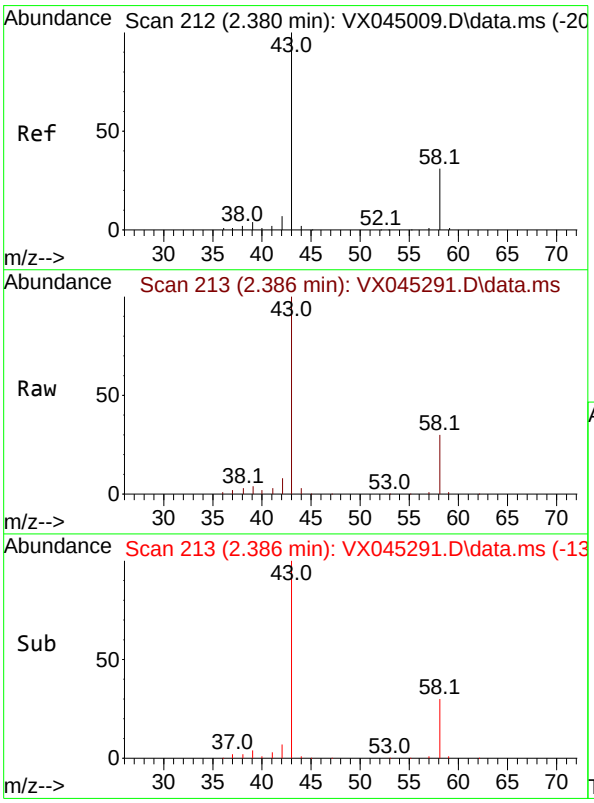
#12
Methyl Acetate
Concen: 0.993 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion: 43 Resp: 1471

Ion	Ratio	Lower	Upper
43	100		
74	15.3	17.9	26.9#

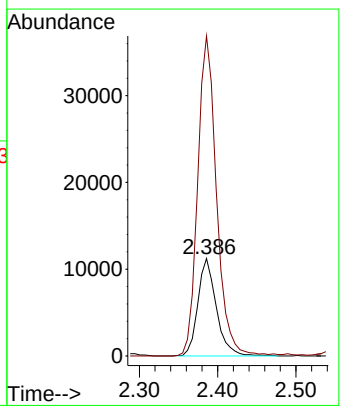


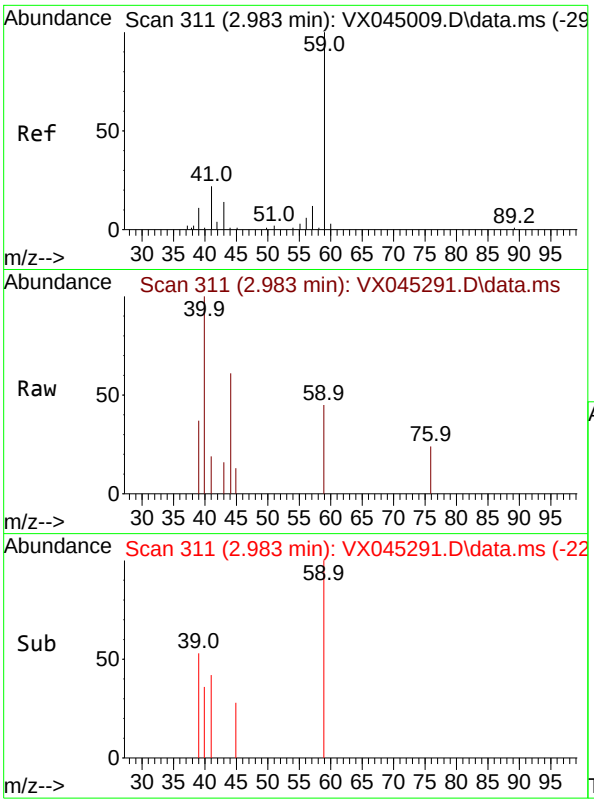


#15
Acetone
Concen: 92.858 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion: 58 Resp: 18421

Ion	Ratio	Lower	Upper
58	100		
43	328.0	258.6	388.0



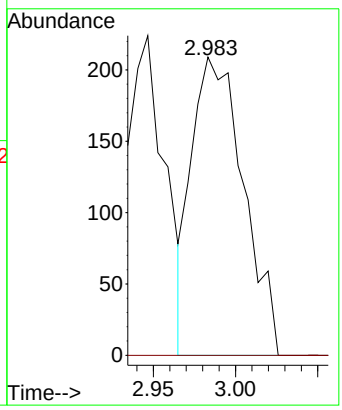


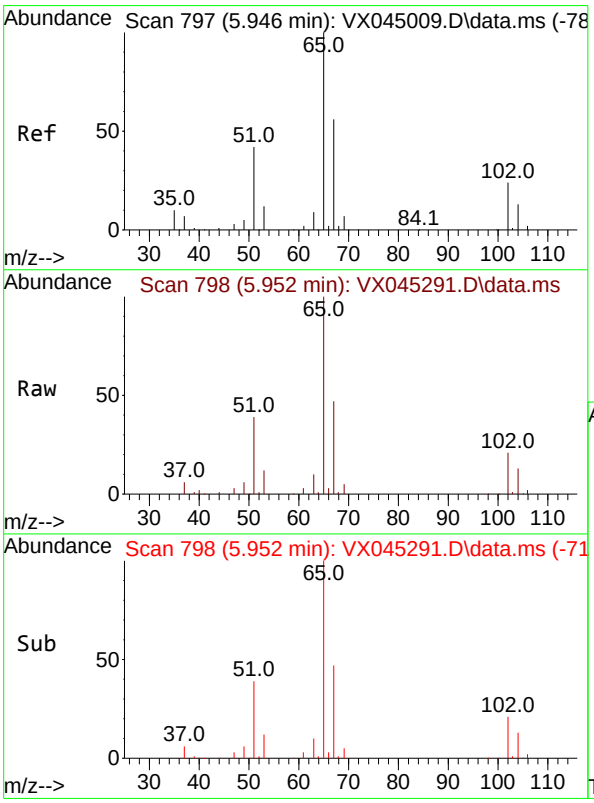
#23
tert-Butyl Alcohol
Concen: 1.810 ug/l
RT: 2.983 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion: 59 Resp: 457

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

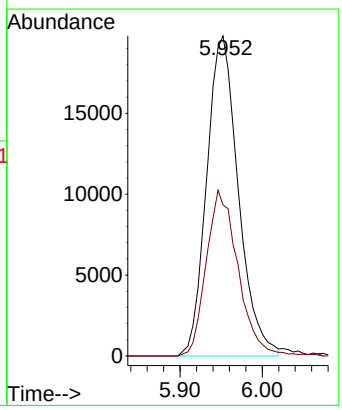


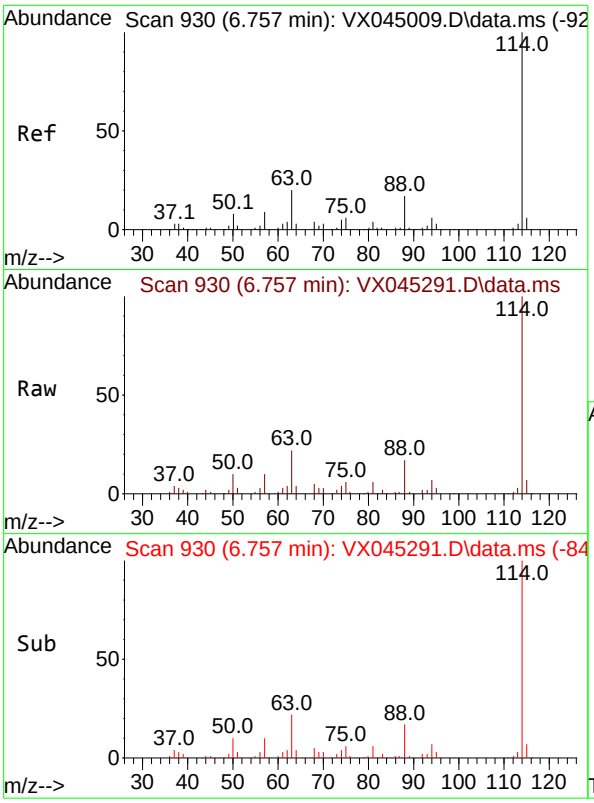


#27
1,2-Dichloroethane-d4
Concen: 32.448 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion: 65 Resp: 52904

Ion	Ratio	Lower	Upper
65	100		
67	51.9	42.6	64.0



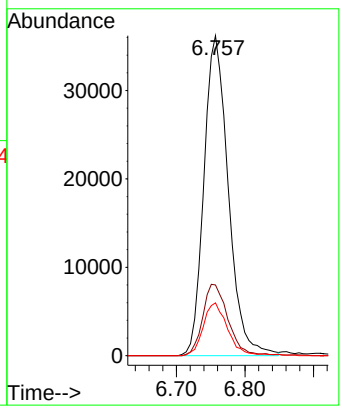


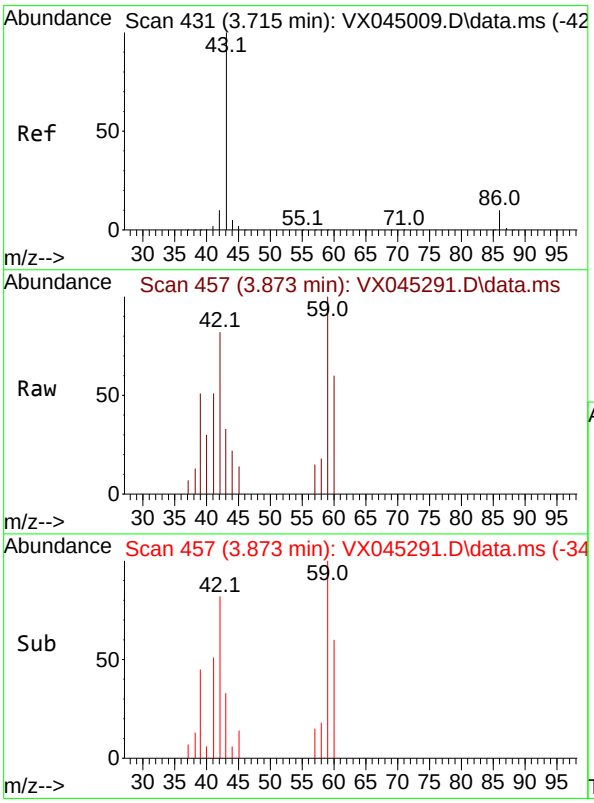
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion:114 Resp: 89621

Ion	Ratio	Lower	Upper
114	100		
63	22.9	16.8	25.2
88	16.2	12.7	19.1

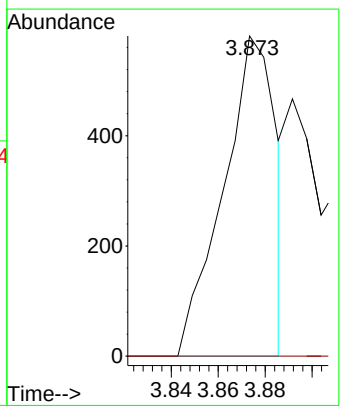


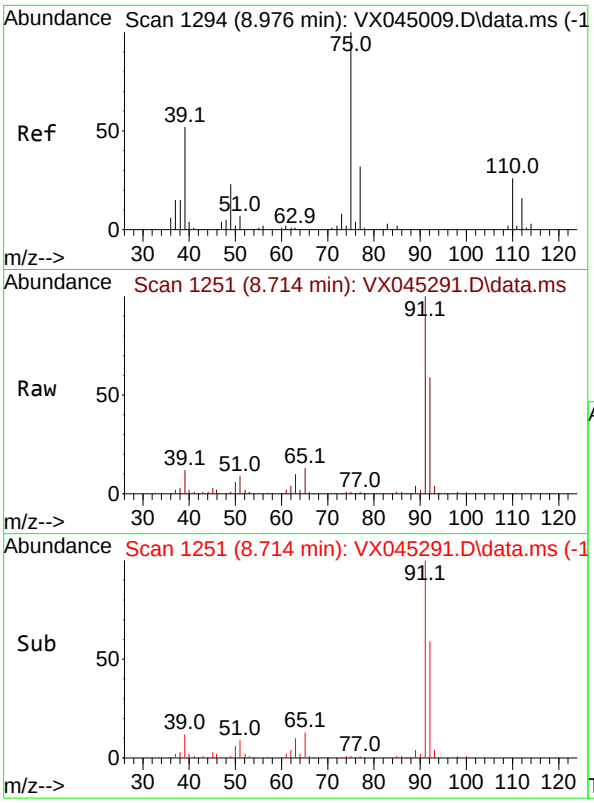


#42
Vinyl Acetate
Concen: 0.245 ug/l
RT: 3.873 min Scan# 457
Delta R.T. 0.158 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion: 43 Resp: 905

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.4#



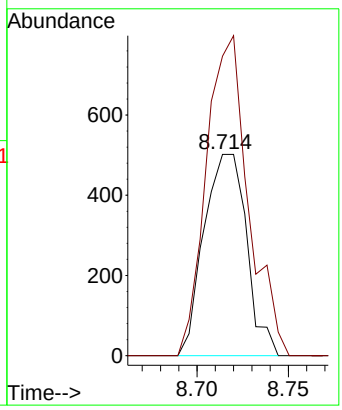


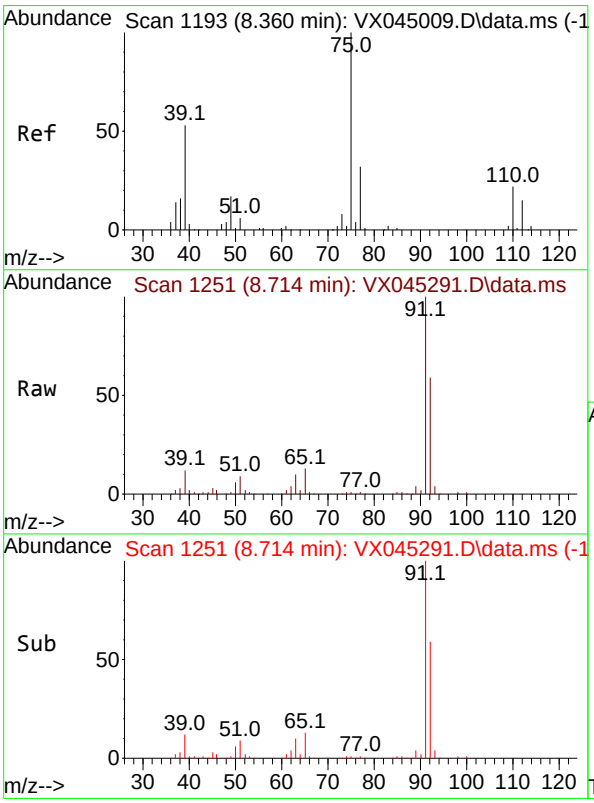
#48
t-1,3-Dichloropropene
Concen: 0.462 ug/l
RT: 8.714 min Scan# 1
Delta R.T. -0.262 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion: 75 Resp: 817

Ion	Ratio	Lower	Upper
75	100		
77	148.8	25.7	38.5#

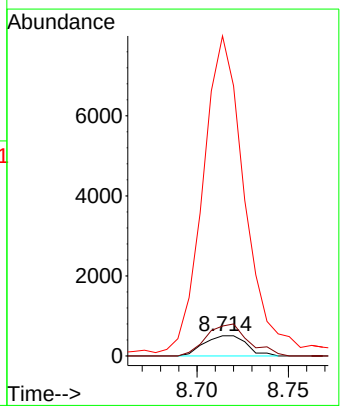


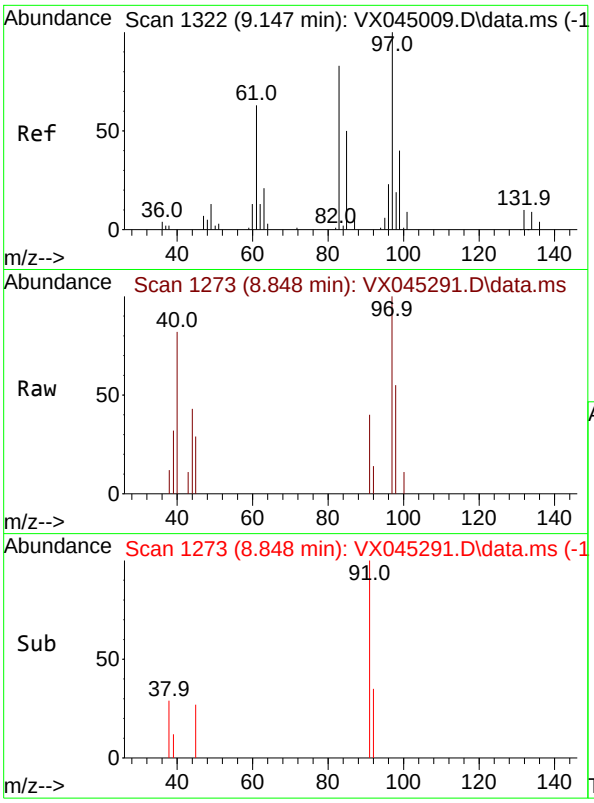


#49
cis-1,3-Dichloropropene
Concen: 0.408 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.354 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion: 75 Resp: 817

Ion	Ratio	Lower	Upper
75	100		
77	148.8	25.9	38.9#
39	1506.6	42.3	63.5#



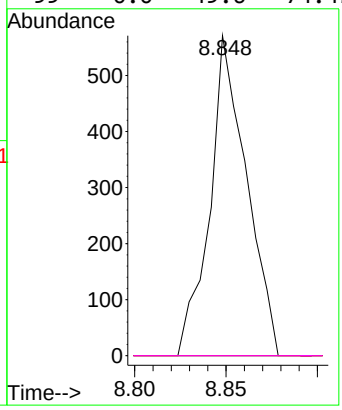


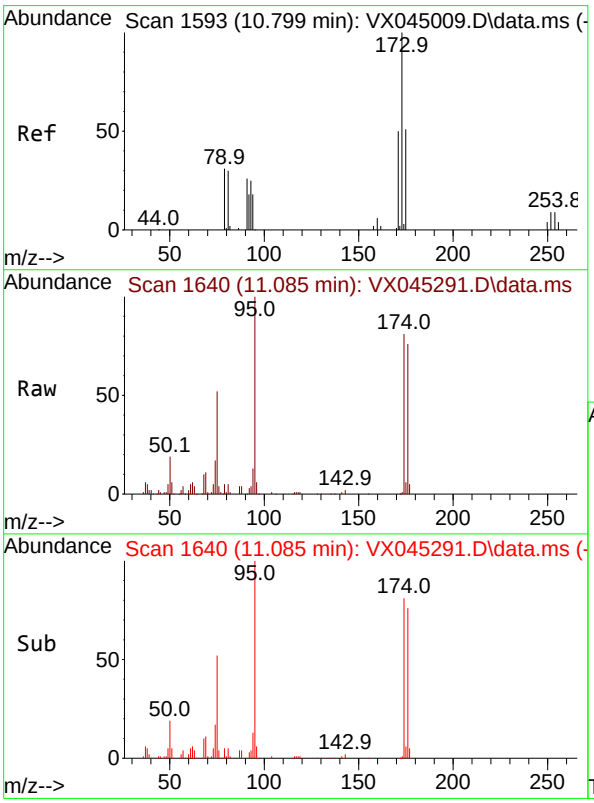
#50
1,1,2-Trichloroethane
Concen: 0.665 ug/l
RT: 8.848 min Scan# 1
Delta R.T. -0.299 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion: 97 Resp: 800

Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.0	99.0#
85	0.0	42.5	63.7#
99	0.0	49.6	74.4#

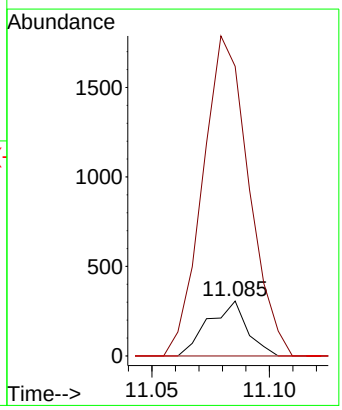


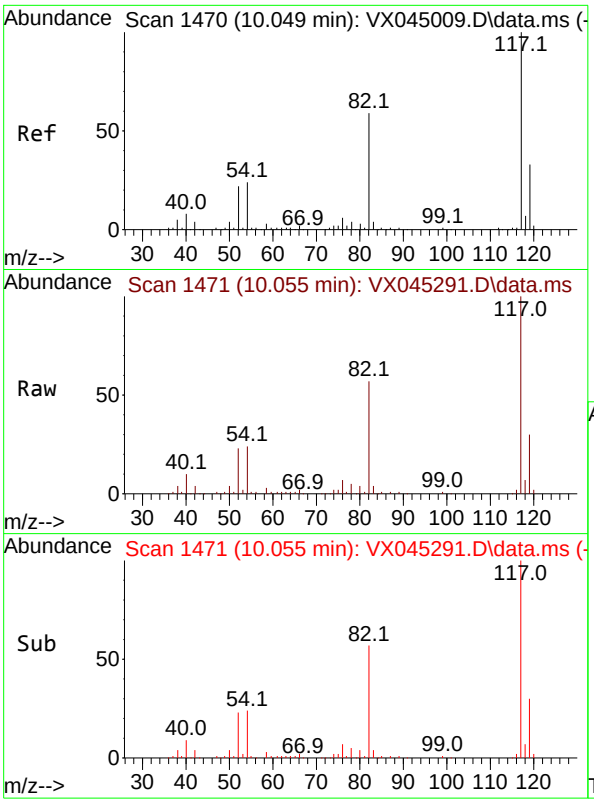


#56
Bromoform
Concen: 0.422 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.286 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion:173 Resp: 352

Ion	Ratio	Lower	Upper
173	100		
175	696.3	39.6	59.4#
254	0.0	6.3	9.5#



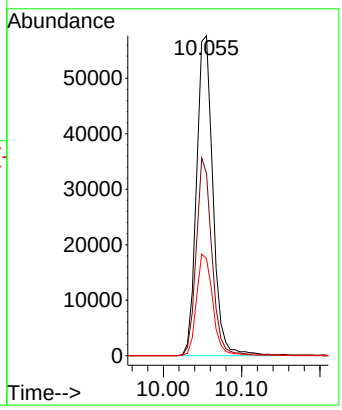


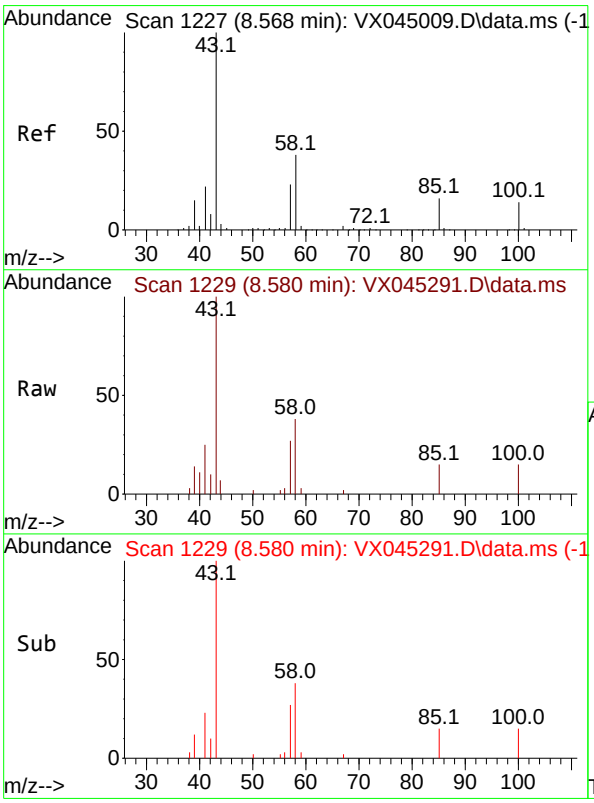
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion:117 Resp: 84103

Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.8	68.8
119	31.5	25.5	38.3

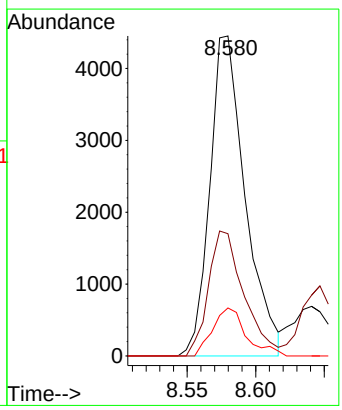


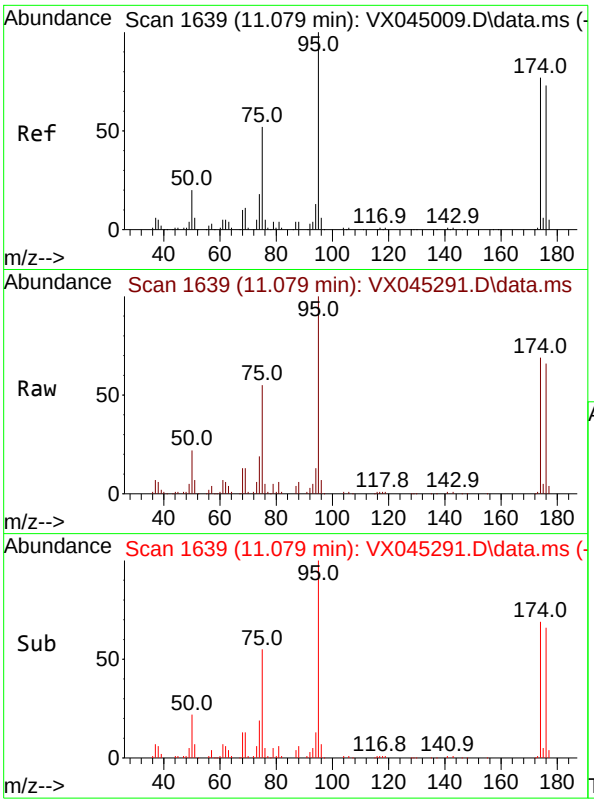


#58
4-Methyl-2-Pentanone
Concen: 4.185 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion: 43 Resp: 8007

Ion	Ratio	Lower	Upper
43	100		
58	39.0	29.5	44.3
85	13.3	12.9	19.3



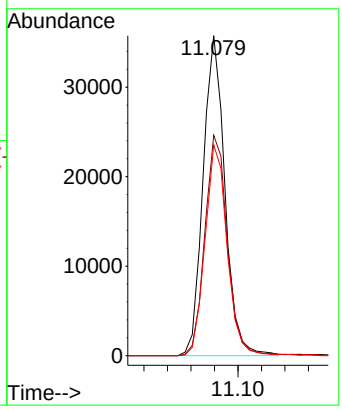


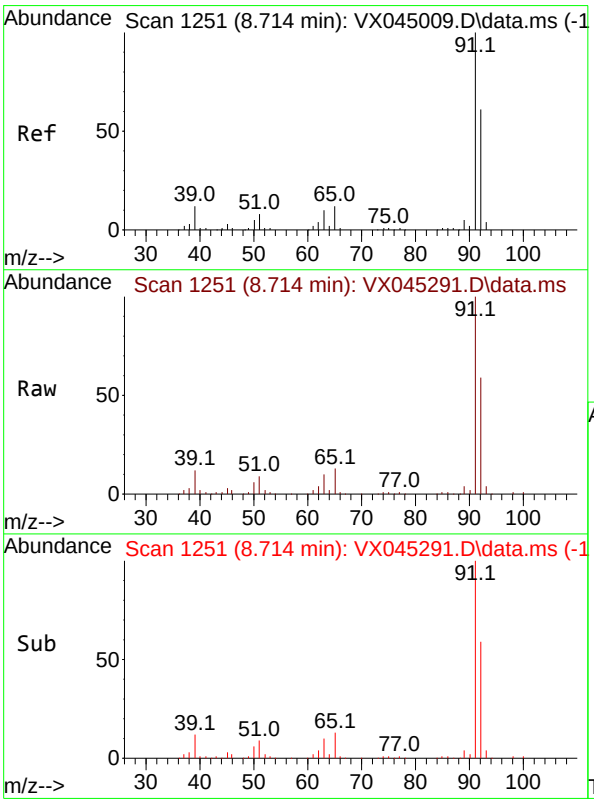
#60
4-Bromofluorobenzene
Concen: 29.212 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion: 95 Resp: 45921

Ion	Ratio	Lower	Upper
95	100		
174	71.5	59.5	89.3
176	66.8	55.5	83.3

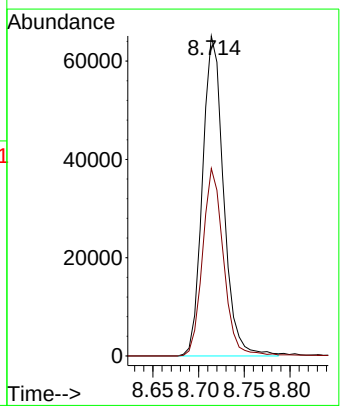


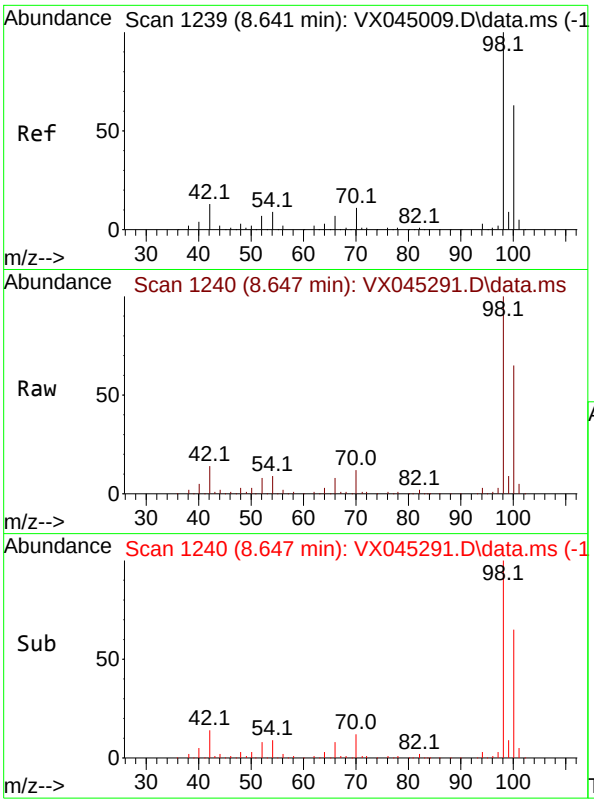


#62
Toluene
Concen: 18.709 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion: 91 Resp: 104236

Ion	Ratio	Lower	Upper
91	100		
92	58.1	46.9	70.3



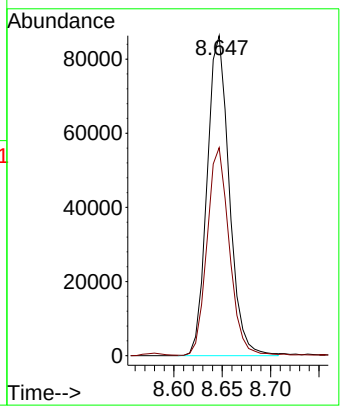


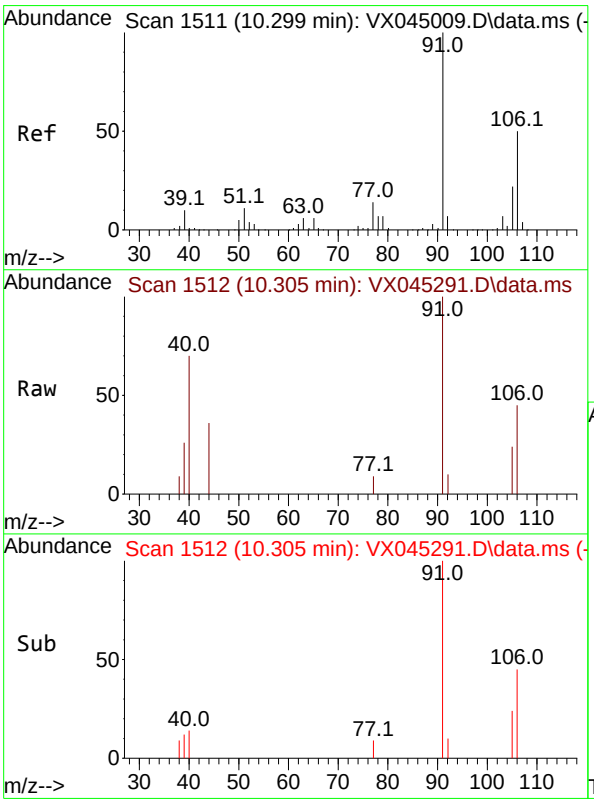
#63
Toluene-d8
Concen: 29.472 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion: 98 Resp: 137123

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5

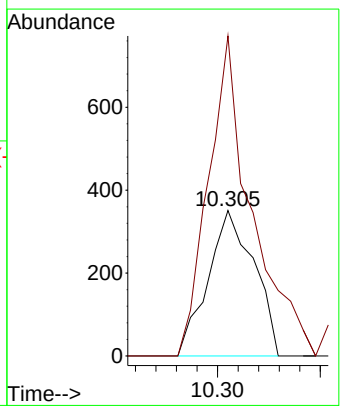


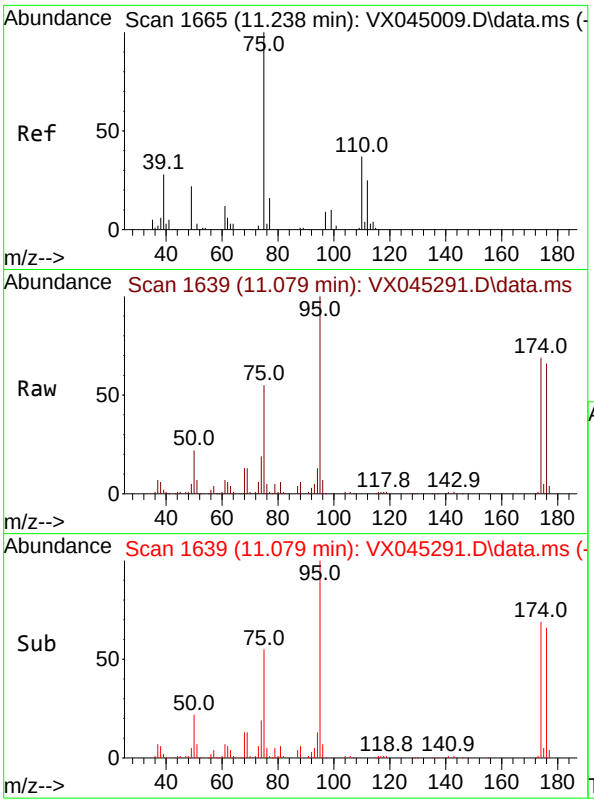


#67
m/p-Xylenes
Concen: 0.241 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion:106 Resp: 547

Ion	Ratio	Lower	Upper
106	100		
91	206.2	163.7	245.5



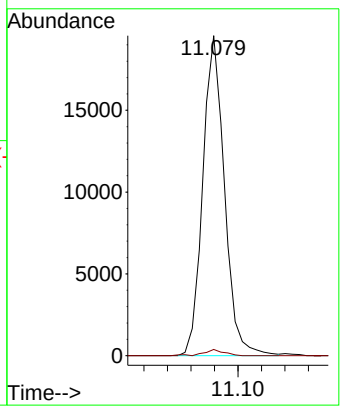


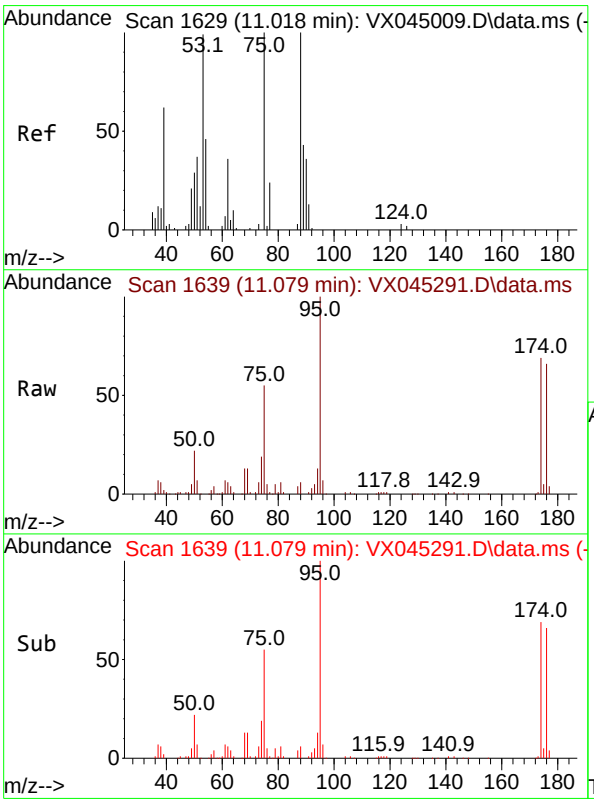
#72
1,2,3-Trichloropropane
Concen: 16.107 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion: 75 Resp: 25067

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	84.0

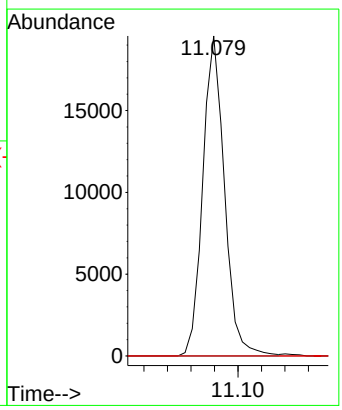


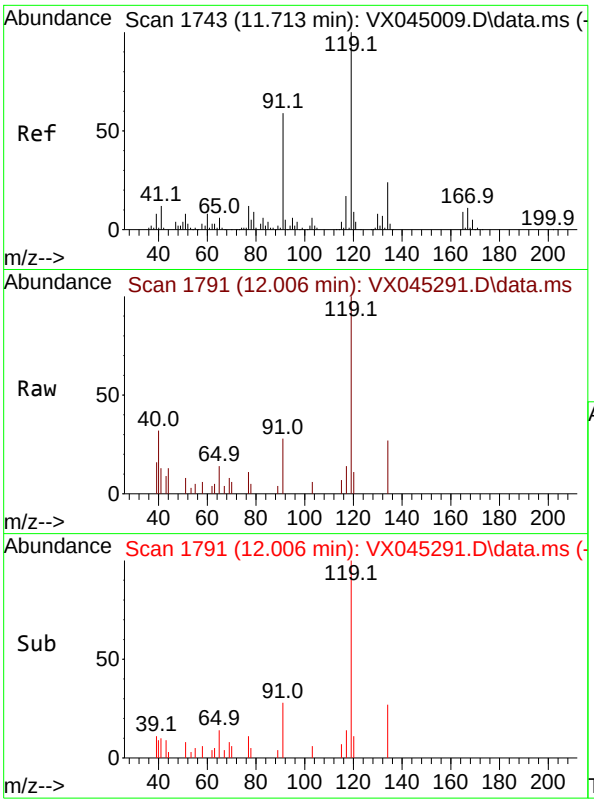


#77
t-1,4-Dichloro-2-butene
Concen: 47.874 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion: 75 Resp: 25067

Ion	Ratio	Lower	Upper
75	100		
53	0.0	49.8	149.4#
89	0.0	21.4	64.2#



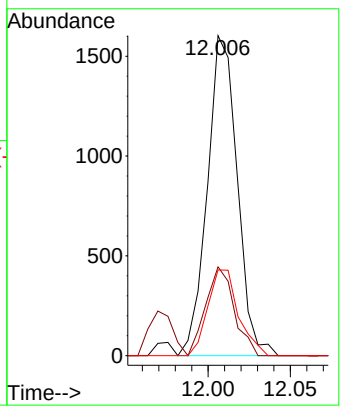


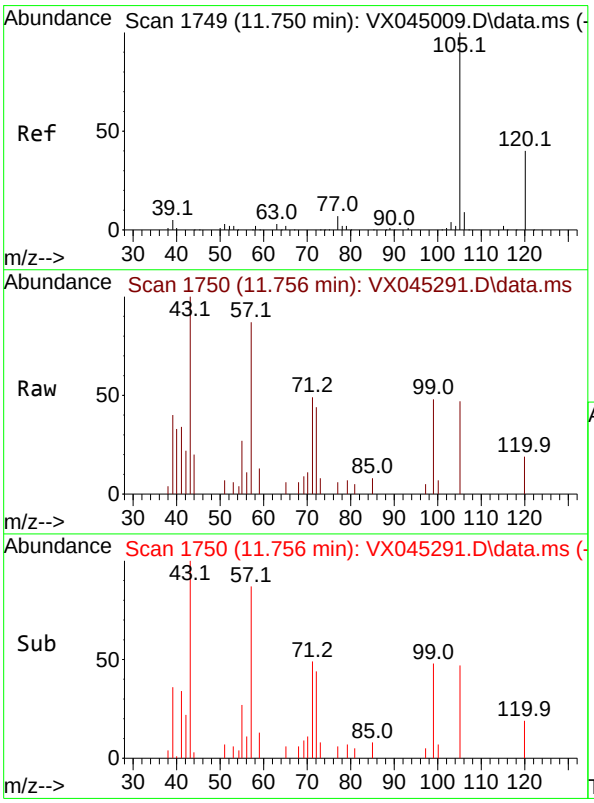
#79
tert-butylbenzene
Concen: 0.424 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.293 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion:119 Resp: 2030

Ion	Ratio	Lower	Upper
119	100		
91	26.4	0.0	120.6
134	27.6	0.0	48.2

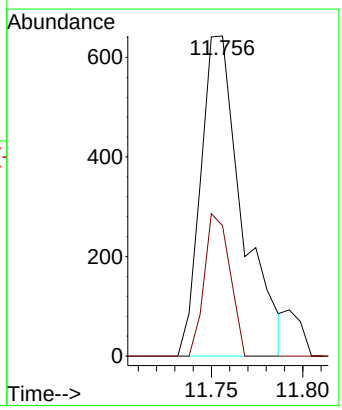


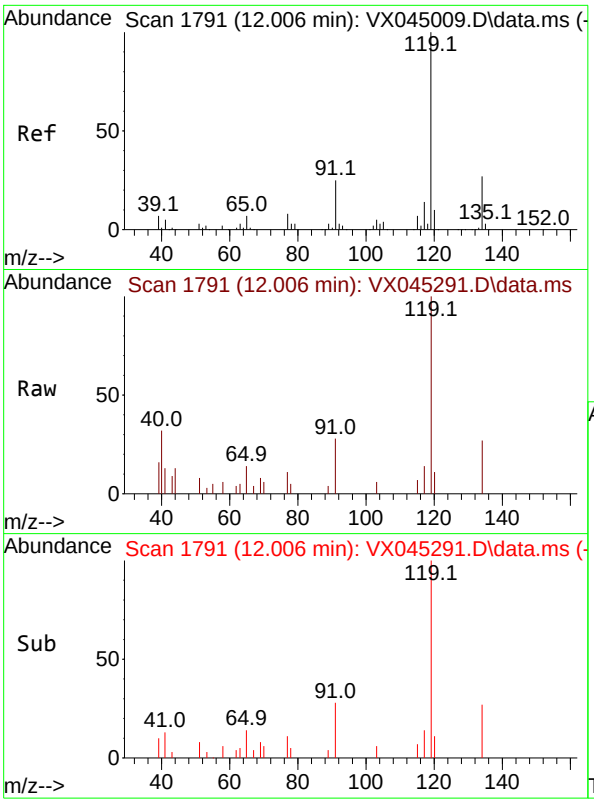


#80
1,2,4-Trimethylbenzene
Concen: 0.213 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion:105 Resp: 1014

Ion	Ratio	Lower	Upper
105	100		
120	27.4	0.0	88.4



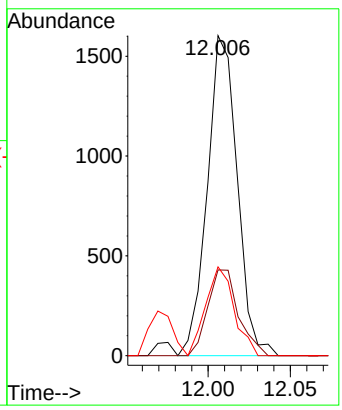


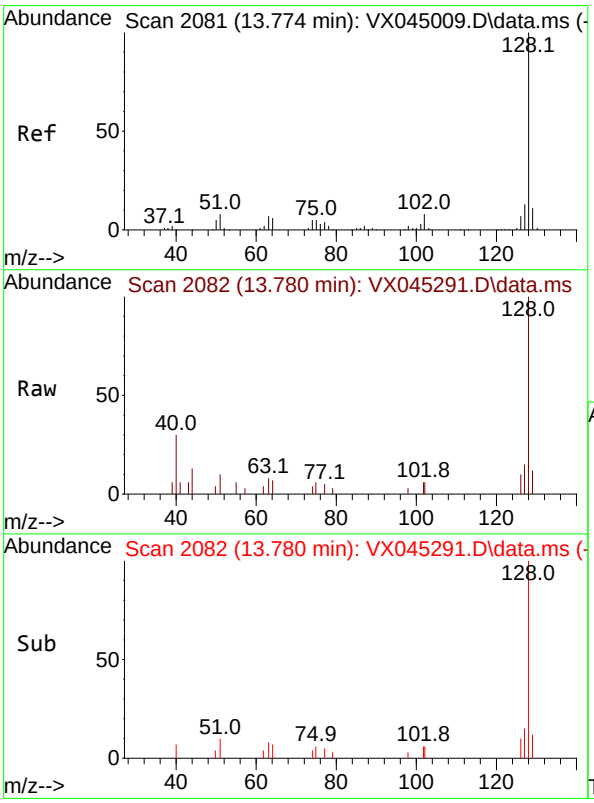
#82
p-Isopropyltoluene
Concen: 0.417 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

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

Tgt Ion:119 Resp: 2030

Ion	Ratio	Lower	Upper
119	100		
134	27.6	0.0	52.6
91	26.4	0.0	51.0





#91
Naphthalene
Concen: 0.478 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045291.D
Acq: 14 Mar 2025 12:59

Tgt Ion:128 Resp: 2471

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	13.9	8.7	13.1#