Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
Data File : VX042848.D
Acq On : 02 Aug 2024 17:43
Operator : JC/MD
Sample : P3446-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 02 21:35:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 02 21:32:14 2024
Response via : Initial Calibration

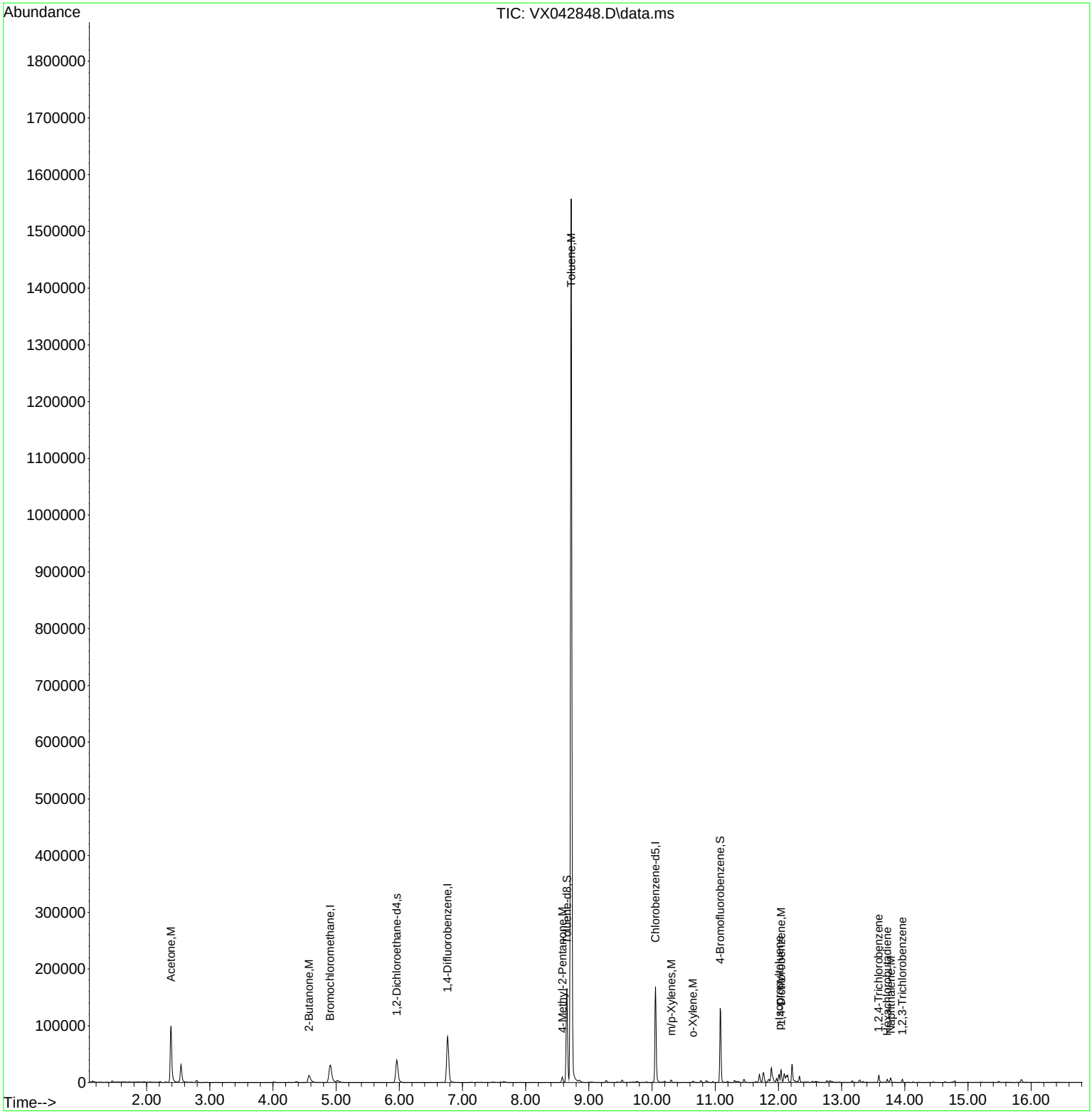
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.904	128	14500	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	81688	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	78764	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	38884	27.330	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 91.100%			
60) 4-Bromofluorobenzene	11.079	95	36340	27.661	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.200%			
63) Toluene-d8	8.653	98	100638	28.968	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.567%			
Target Compounds						Qvalue
15) Acetone	2.386	58	34352	172.915	ug/l	94
30) 2-Butanone	4.568	43	20955	27.706	ug/l	96
58) 4-Methyl-2-Pentanone	8.580	43	5236	3.772	ug/l	97
62) Toluene	8.720	91	1008839	253.437	ug/l	100
67) m/p-Xylenes	10.305	106	1244	0.723	ug/l	82
68) o-Xylene	10.646	106	556	0.331	ug/l	73
82) p-Isopropyltoluene	12.012	119	5933	1.536	ug/l	93
84) 1,4-Dichlorobenzene	12.042	146	4373	2.182	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	1710	1.423	ug/l #	95
90) Hexachlorobutadiene	13.719	225	583	1.151	ug/l	90
91) Naphthalene	13.780	128	5304	1.189	ug/l	96
92) 1,2,3-Trichlorobenzene	13.963	180	1395	1.128	ug/l	92

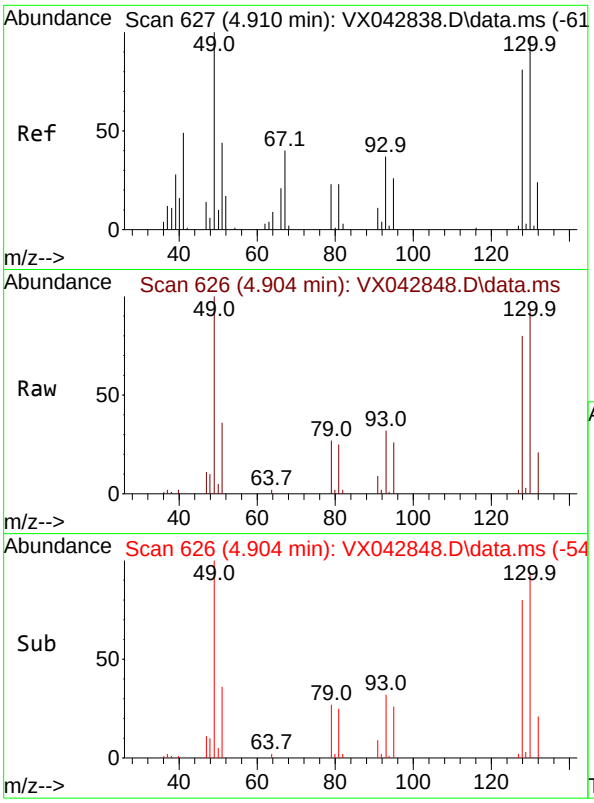
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
Data File : VX042848.D
Acq On : 02 Aug 2024 17:43
Operator : JC/MD
Sample : P3446-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 02 21:35:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 02 21:32:14 2024
Response via : Initial Calibration



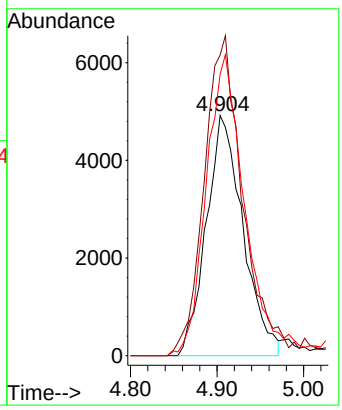


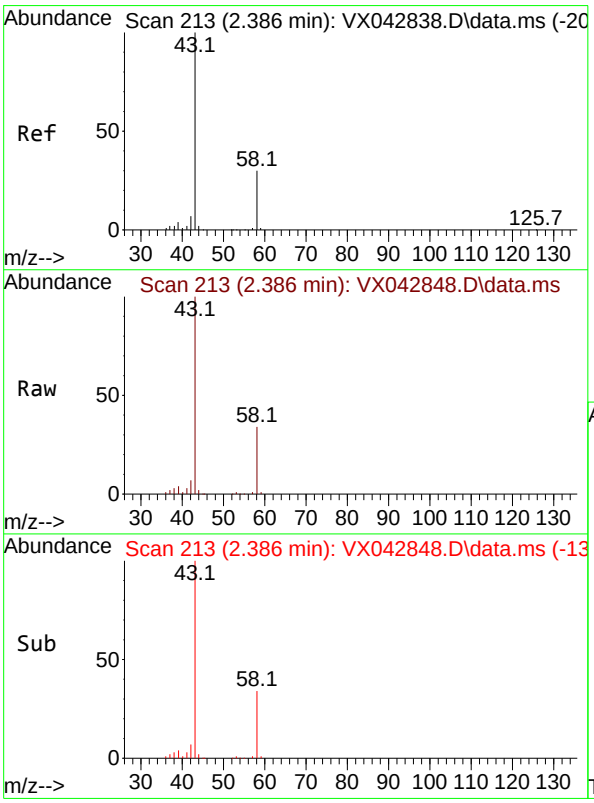
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

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

Tgt Ion:128 Resp: 14500

Ion	Ratio	Lower	Upper
128	100		
49	140.1	0.0	338.5
130	132.0	0.0	324.5

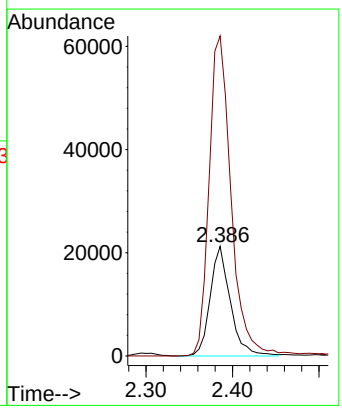


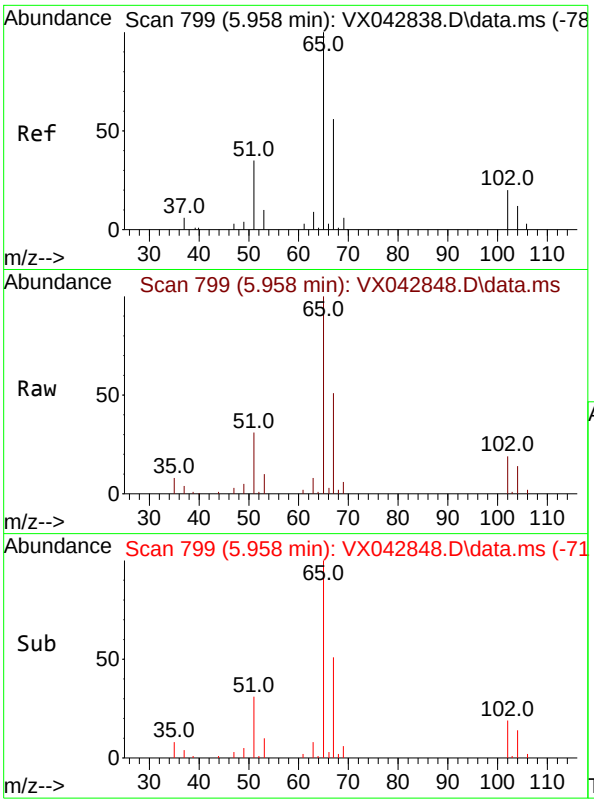


#15
Acetone
Concen: 172.915 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

Tgt Ion: 58 Resp: 34352

Ion	Ratio	Lower	Upper
58	100		
43	292.0	243.4	365.2



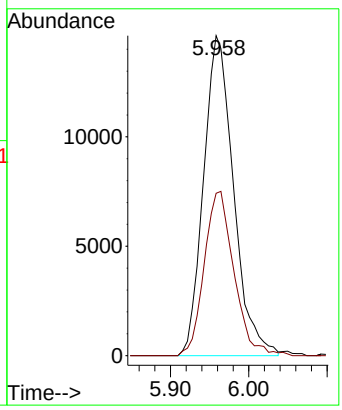


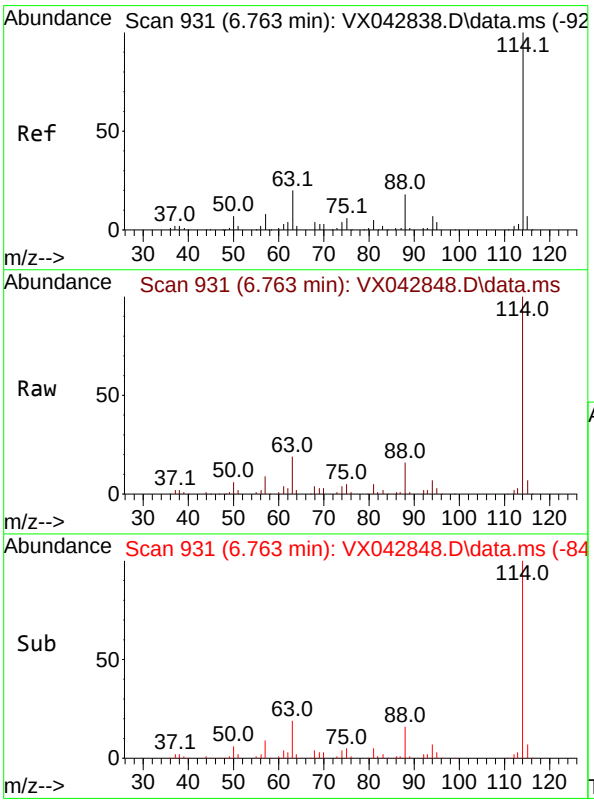
#27
1,2-Dichloroethane-d4
Concen: 27.330 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

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

Tgt Ion: 65 Resp: 38884

Ion	Ratio	Lower	Upper
65	100		
67	49.4	43.4	65.0

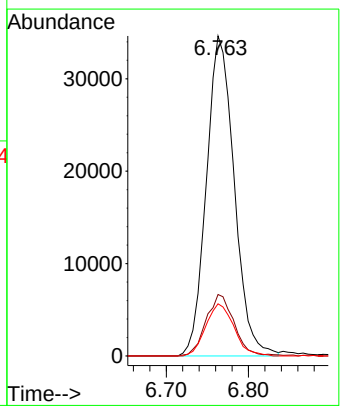


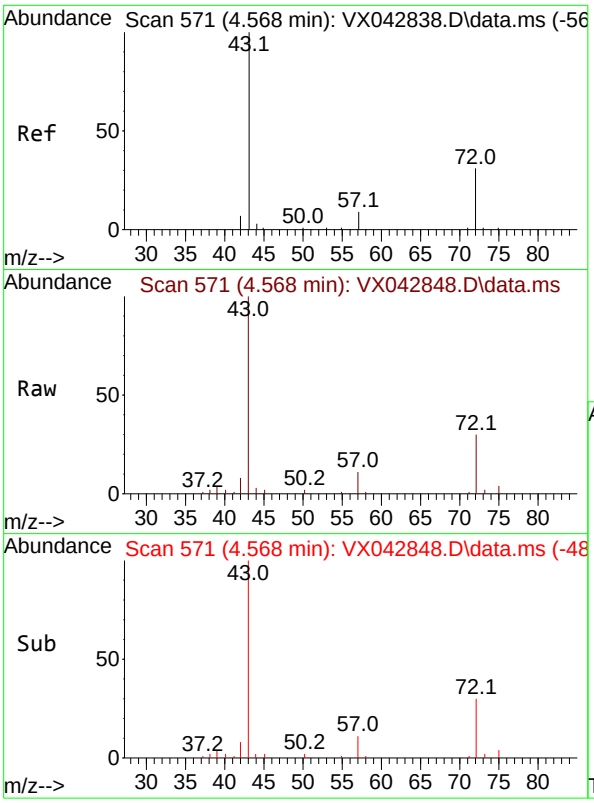


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

Tgt Ion:114 Resp: 81688

Ion	Ratio	Lower	Upper
114	100		
63	19.0	14.6	21.8
88	16.5	11.8	17.8



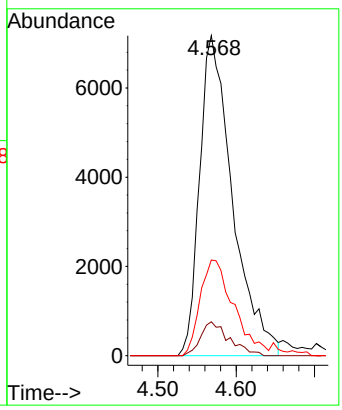


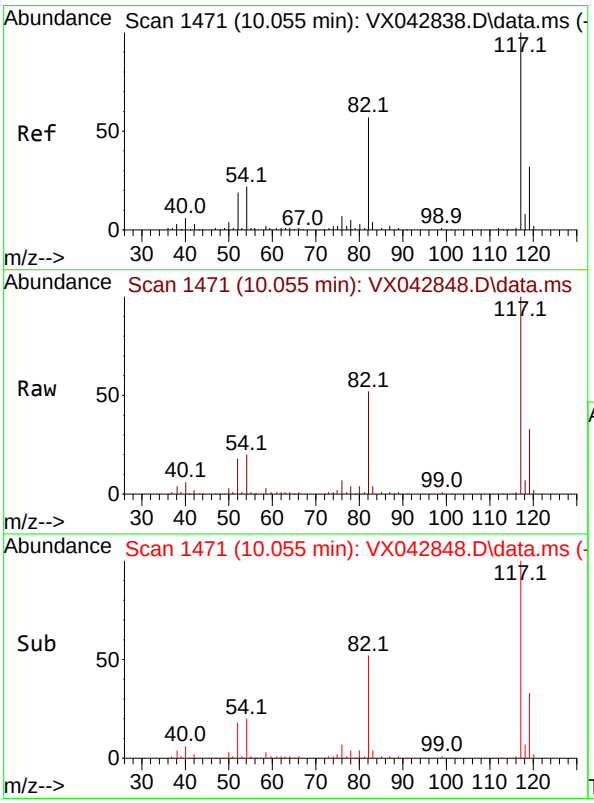
#30
2-Butanone
Concen: 27.706 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

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

Tgt Ion: 43 Resp: 20955

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.5	9.7
72	30.5	22.0	33.0

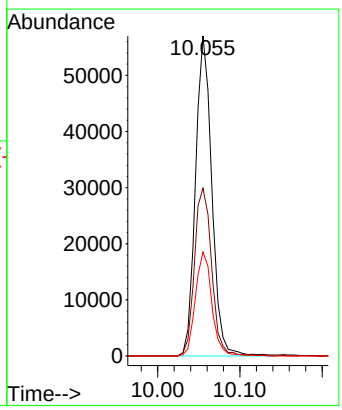


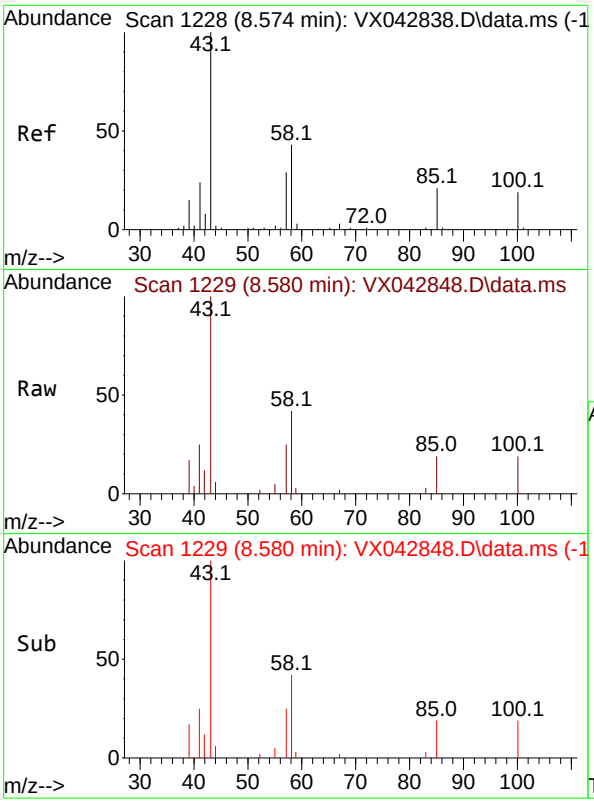


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

Tgt Ion:117 Resp: 78764

Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.1	61.7
119	32.7	26.1	39.1



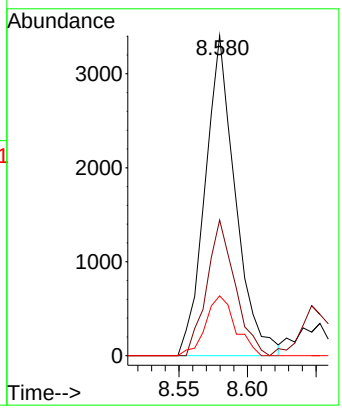


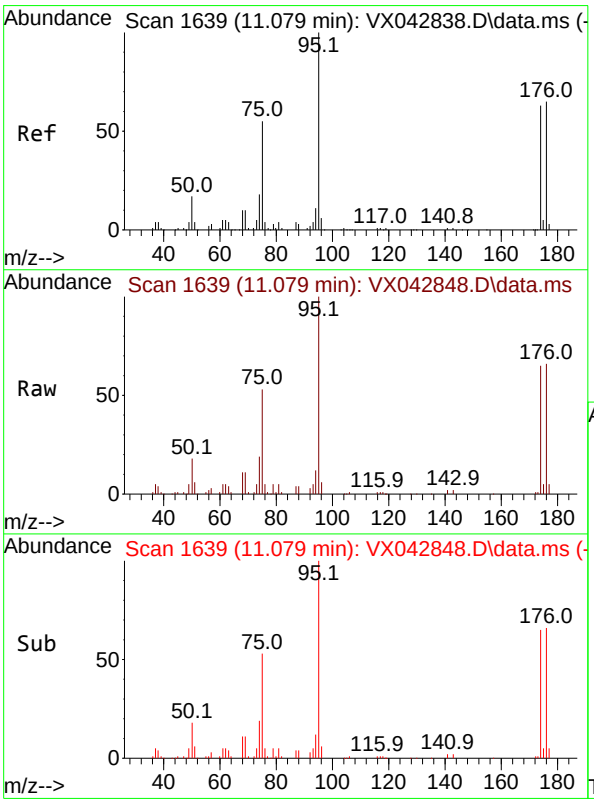
#58
4-Methyl-2-Pentanone
Concen: 3.772 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

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

Tgt Ion: 43 Resp: 5236

Ion	Ratio	Lower	Upper
43	100		
58	39.4	33.2	49.8
85	18.5	15.5	23.3

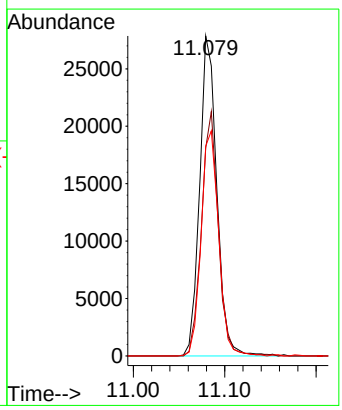


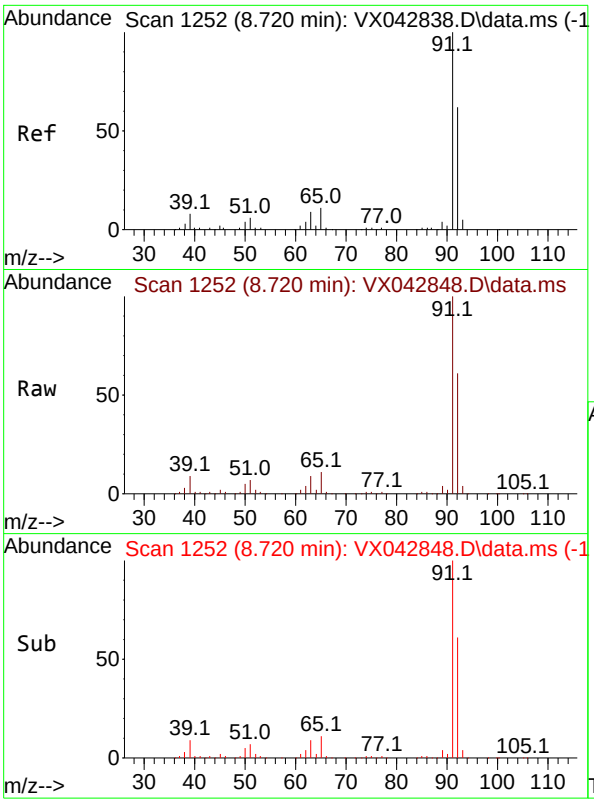


#60
4-Bromofluorobenzene
Concen: 27.661 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

Tgt Ion: 95 Resp: 36340

Ion	Ratio	Lower	Upper
95	100		
174	74.4	78.9	118.3#
176	71.8	77.1	115.7#



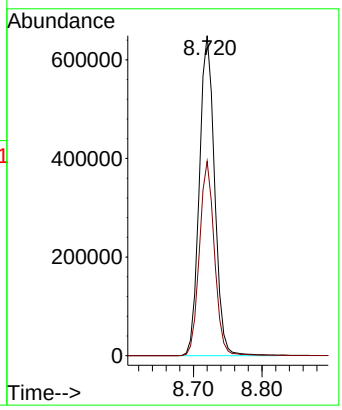


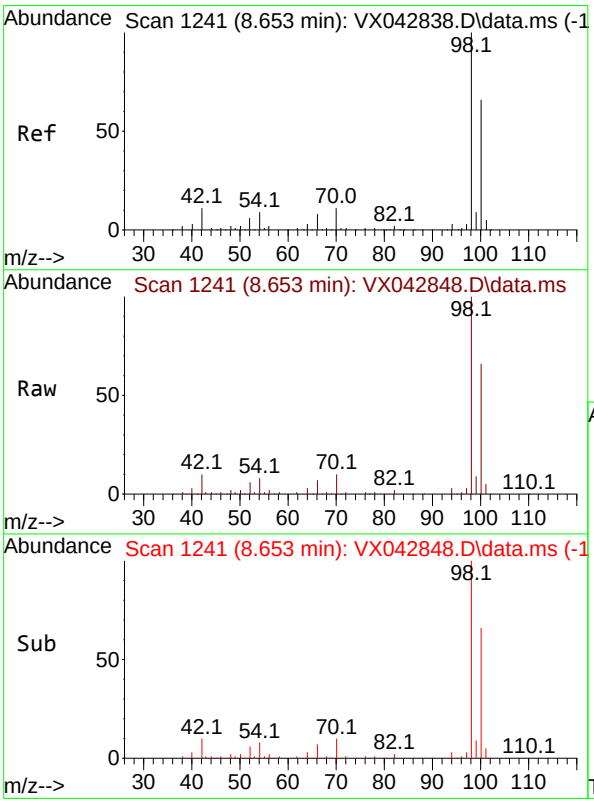
#62
Toluene
Concen: 253.437 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

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

Tgt Ion: 91 Resp: 1008839

Ion	Ratio	Lower	Upper
91	100		
92	59.6	47.4	71.2

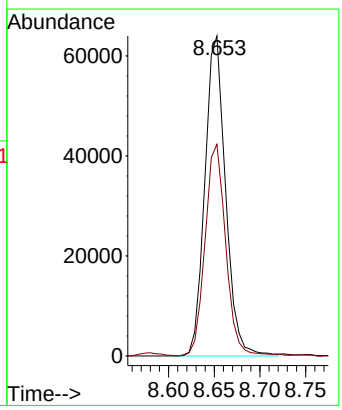


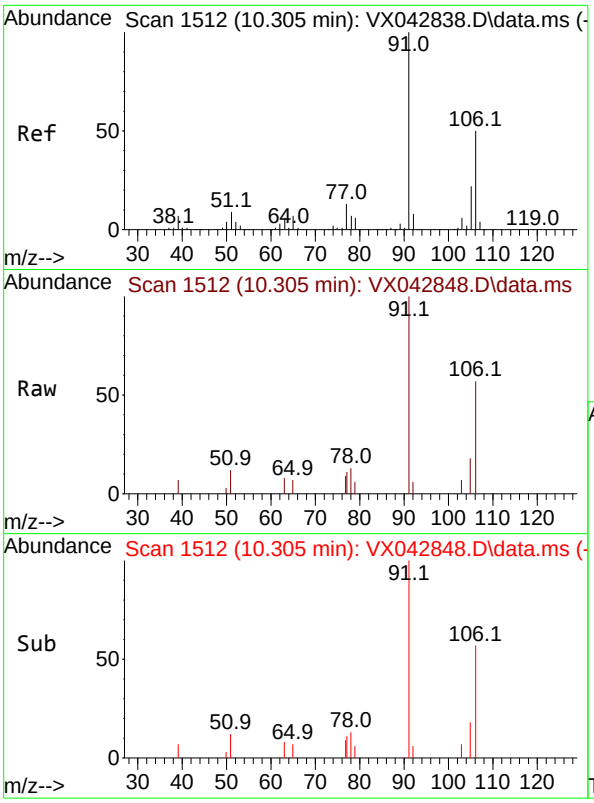


#63
Toluene-d8
Concen: 28.968 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

Tgt Ion: 98 Resp: 100638

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.7	79.1



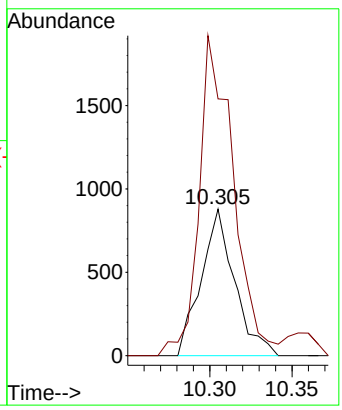


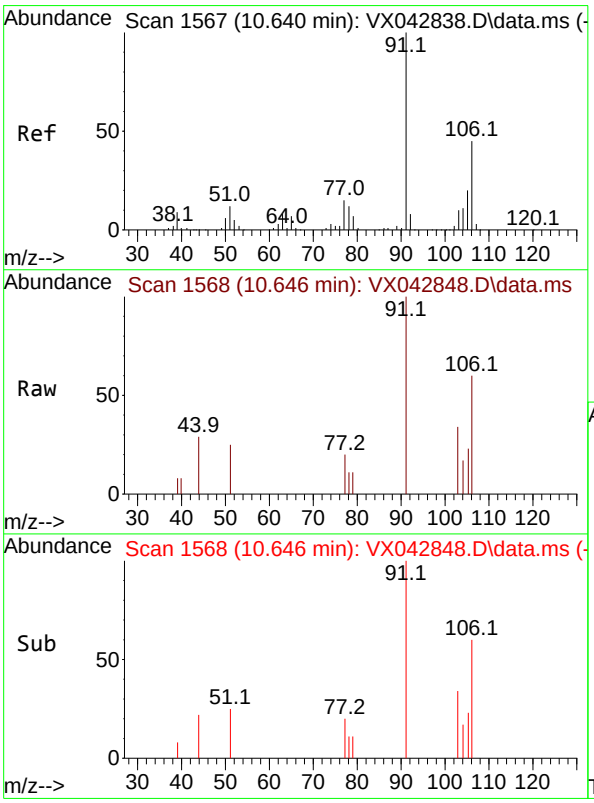
#67
m/p-Xylenes
Concen: 0.723 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

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

Tgt Ion:106 Resp: 1244

Ion	Ratio	Lower	Upper
106	100		
91	222.8	157.0	235.6

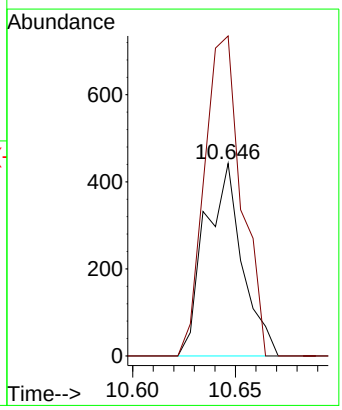


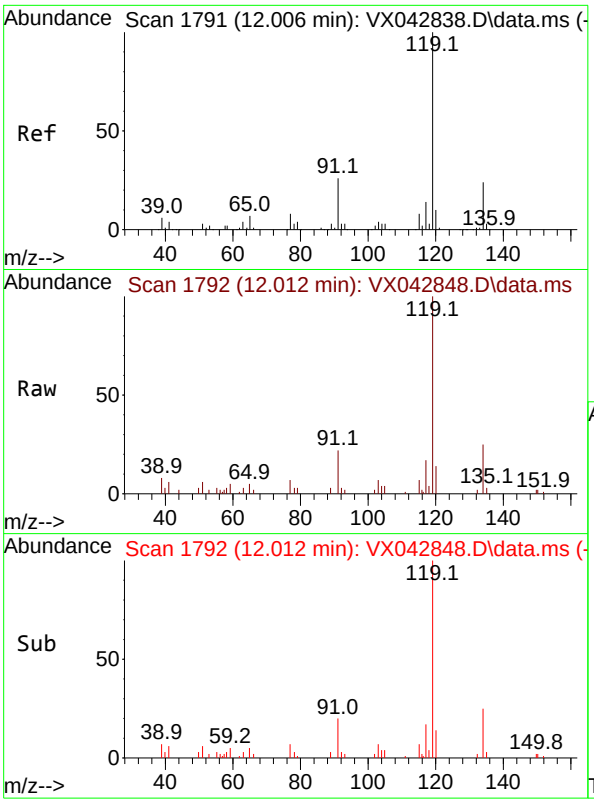


#68
o-Xylene
Concen: 0.331 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

Tgt Ion:106 Resp: 556

Ion	Ratio	Lower	Upper
106	100		
91	165.3	103.2	309.6



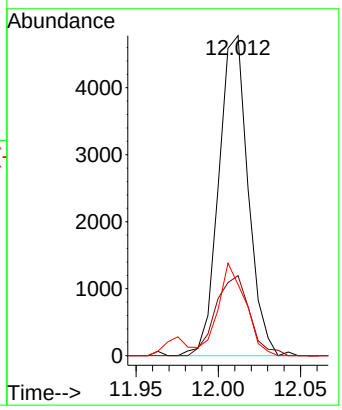


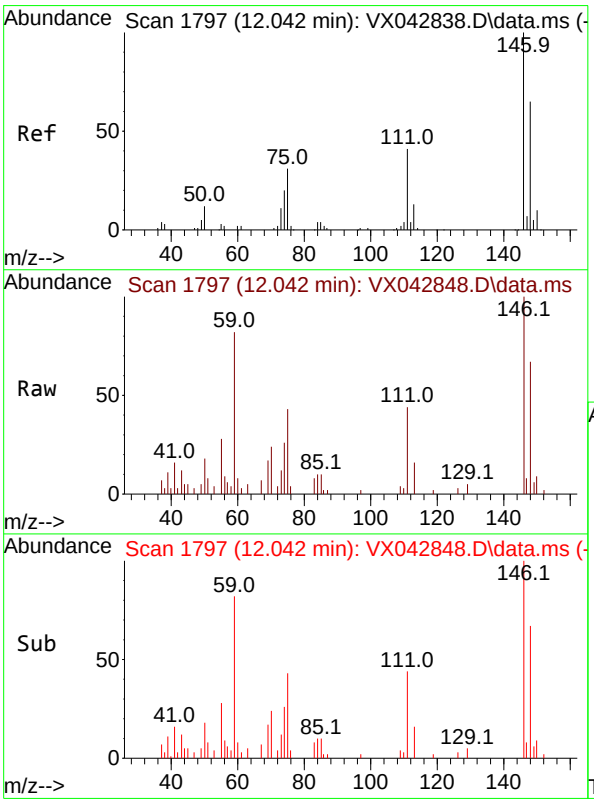
#82
p-Isopropyltoluene
Concen: 1.536 ug/l
RT: 12.012 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

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

Tgt Ion:119 Resp: 5933

Ion	Ratio	Lower	Upper
119	100		
134	29.0	0.0	54.0
91	26.8	0.0	42.2

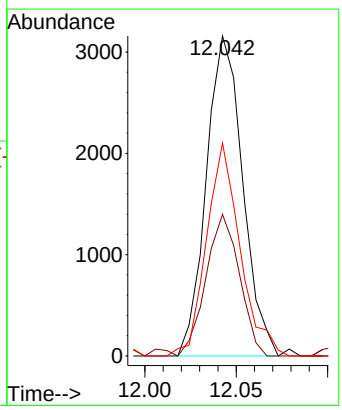


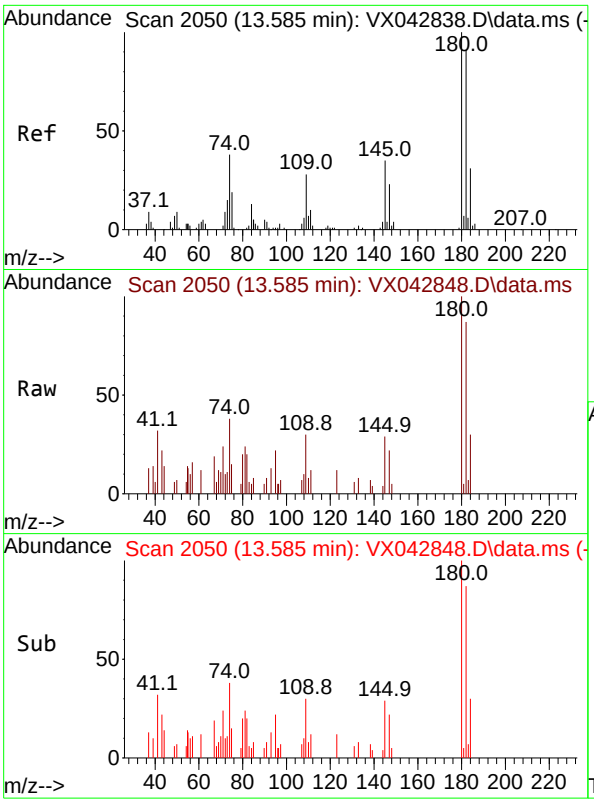


#84
1,4-Dichlorobenzene
Concen: 2.182 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

Tgt Ion:146 Resp: 4373

Ion	Ratio	Lower	Upper
146	100		
111	40.7	17.4	52.3
148	61.5	32.3	96.9



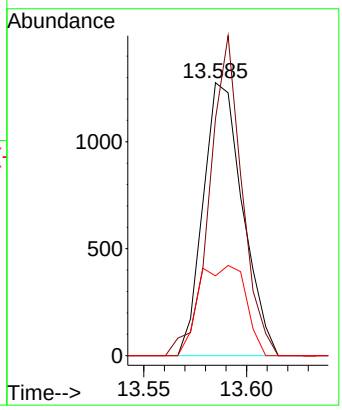


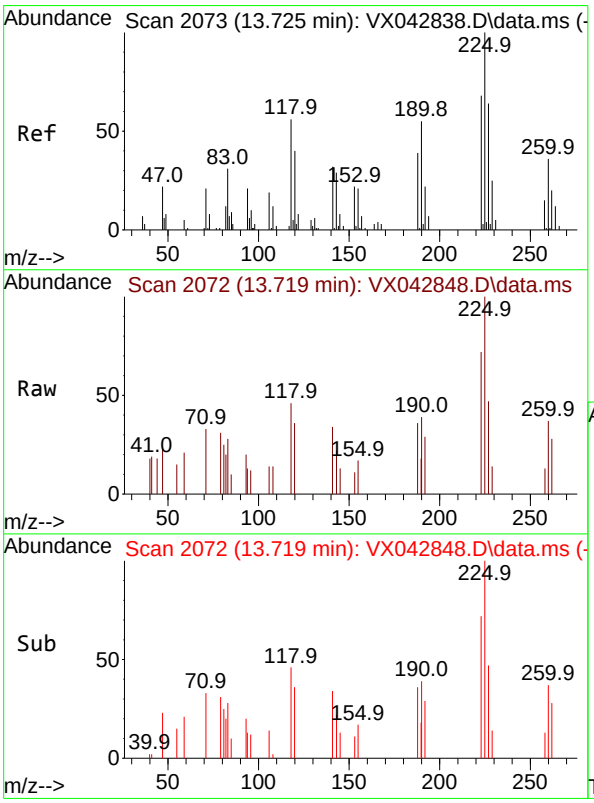
#89
1,2,4-Trichlorobenzene
Concen: 1.423 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

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

Tgt Ion:180 Resp: 1710

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.9	115.3
145	19.1	22.8	34.2#

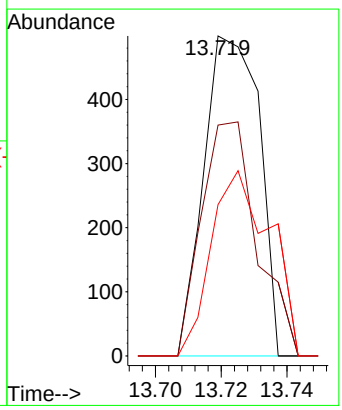


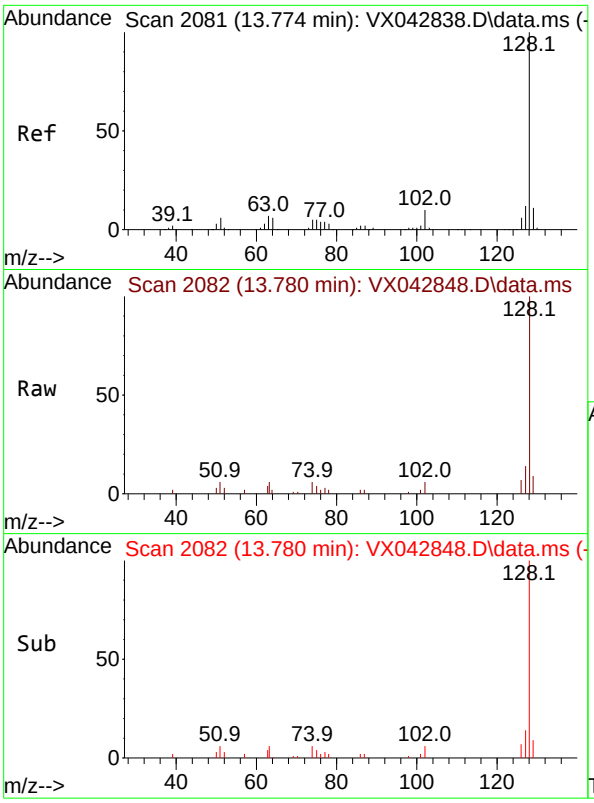


#90
Hexachlorobutadiene
Concen: 1.151 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

Tgt Ion:225 Resp: 583

Ion	Ratio	Lower	Upper
225	100		
223	73.6	0.0	120.8
227	61.6	0.0	126.6



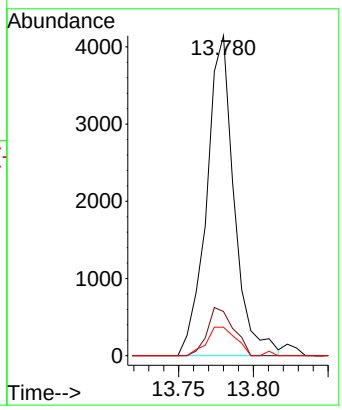


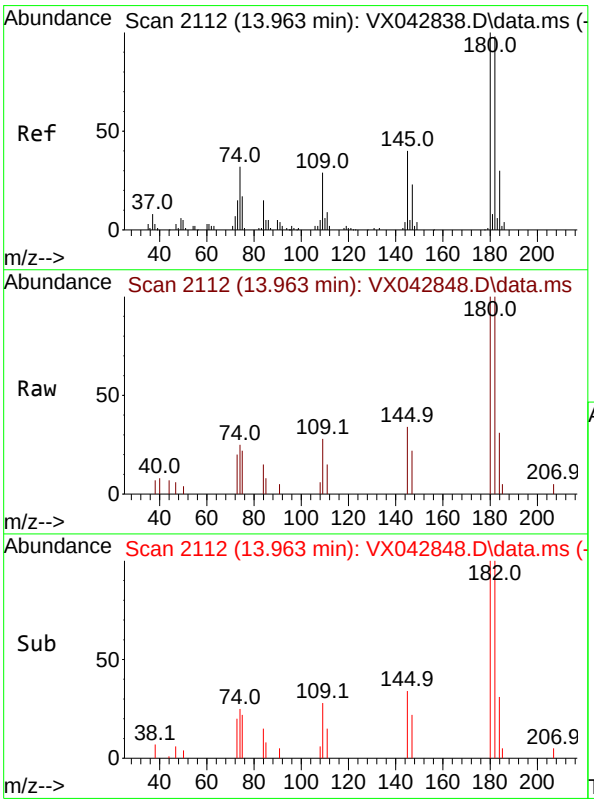
#91
Naphthalene
Concen: 1.189 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

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

Tgt Ion:128 Resp: 5304

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	9.5	8.7	13.1





#92
1,2,3-Trichlorobenzene
Concen: 1.128 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042848.D
Acq: 02 Aug 2024 17:43

Tgt Ion:180 Resp: 1395

Ion	Ratio	Lower	Upper
180	100		
182	98.5	0.0	187.8
145	38.4	0.0	58.4