Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037028.D
Acq On : 26 Aug 2024 15:33
Operator : SY/MD
Sample : PB162923ZHE#14
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 27 02:01:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 01:58:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	635921	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	629958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	291287	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	247198	42.495	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.980%			
7) Chloroethane-d5	1.532	69	206895	46.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.040%			
11) 1,1-Dichloroethene-d2	2.056	65	112300	45.931	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.860%			
21) 2-Butanone-d5	3.796	46	271083	120.338	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 120.340%			
24) Chloroform-d	4.243	84	456008	50.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.180%			
26) 1,2-Dichloroethane-d4	4.937	65	297264	51.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.700%			
32) Benzene-d6	4.953	84	911914	47.927	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.860%			
36) 1,2-Dichloropropane-d6	5.986	67	304307	51.062	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.120%			
41) Toluene-d8	7.239	98	830060	48.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.680%			
43) trans-1,3-Dichloroprop...	7.548	79	139516	50.601	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.200%			
47) 2-Hexanone-d5	8.021	63	232389	142.879	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 142.880%#			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	379431	52.496	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.000%			
66) 1,2-Dichlorobenzene-d4	11.554	152	294768	50.527	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.060%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	3311	0.752	ug/L #	26
13) Acetone	2.114	43	123945	51.303	ug/L	97
15) Methyl Acetate	2.372	43	5321	1.314	ug/L	94
16) Methylene chloride	2.445	84	17115	3.656	ug/L	95
35) Methylcyclohexane	5.986	83	70469	9.039	ug/L #	19
40) 4-Methyl-2-pentanone	7.117	43	203521	41.073	ug/L #	51
48) 2-Hexanone	8.124	43	172640	45.051	ug/L #	1

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

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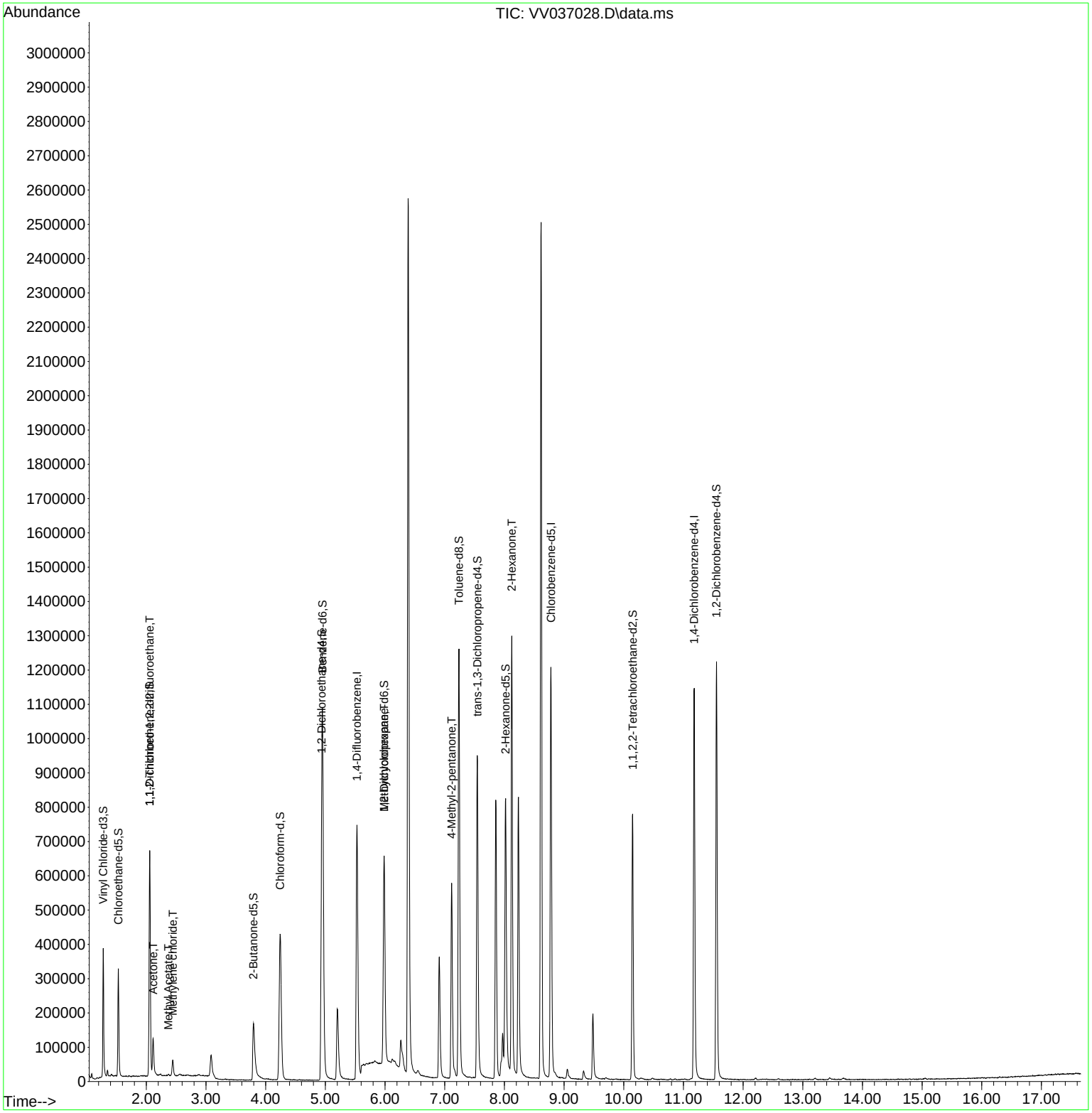
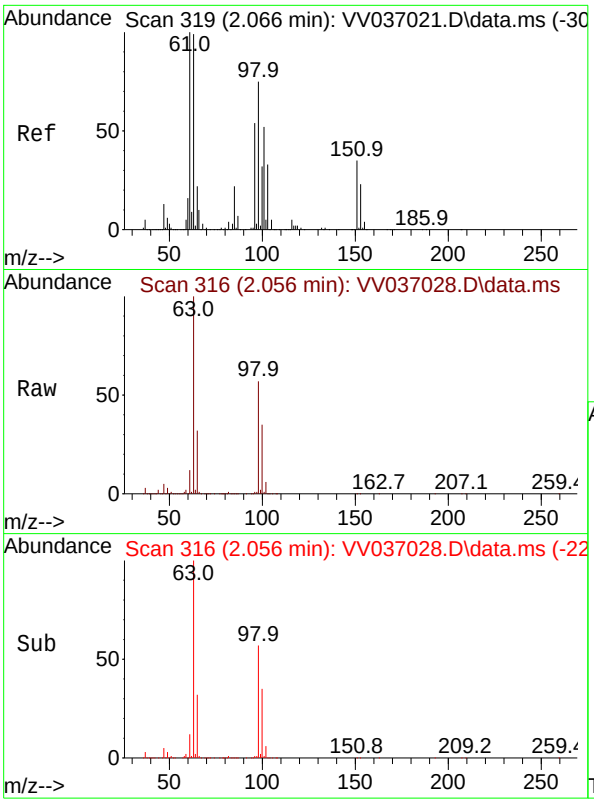


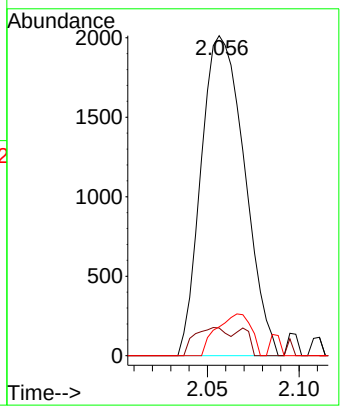


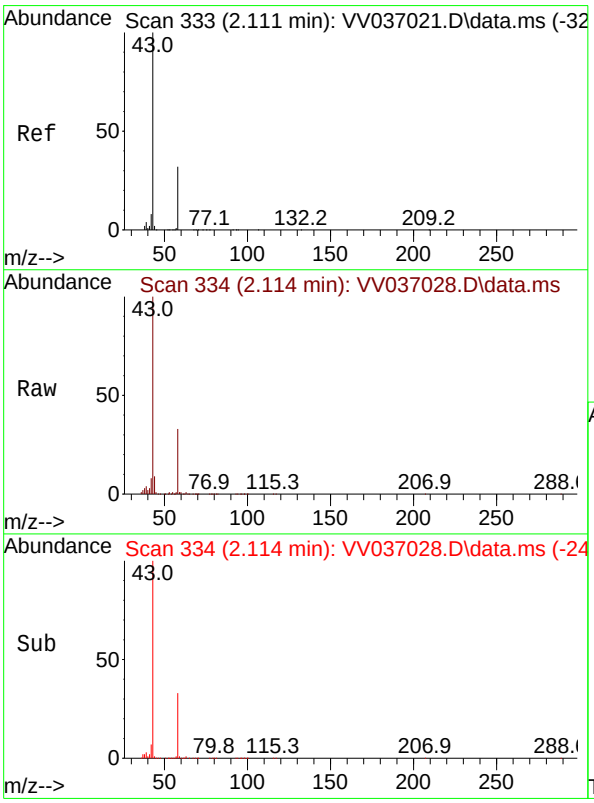
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.752 ug/L
RT: 2.056 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV037028.D
Acq: 26 Aug 2024 15:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 3311

Ion	Ratio	Lower	Upper
101	100		
85	6.9	35.6	53.4#
151	0.0	55.0	82.4#

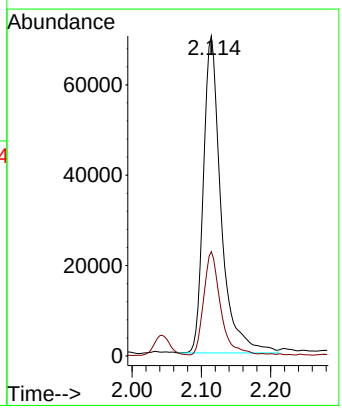


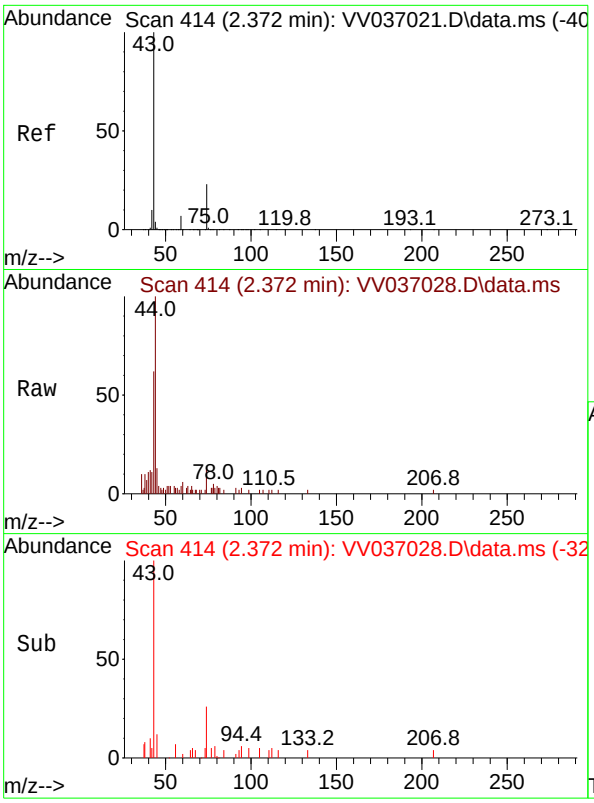


#13
Acetone
Concen: 51.303 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV037028.D
Acq: 26 Aug 2024 15:33

Tgt Ion: 43 Resp: 123945

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	64.8



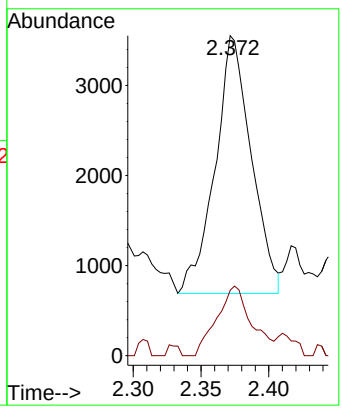


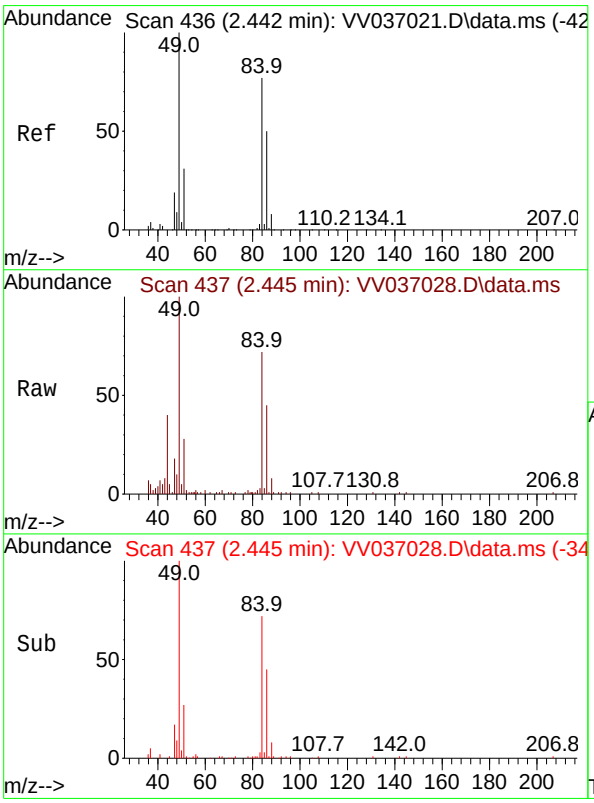
#15
Methyl Acetate
Concen: 1.314 ug/L
RT: 2.372 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV037028.D
Acq: 26 Aug 2024 15:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5321

Ion	Ratio	Lower	Upper
43	100		
74	25.9	18.4	27.6

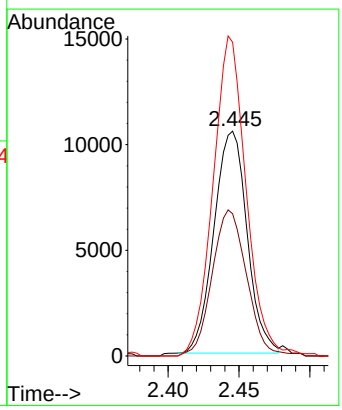


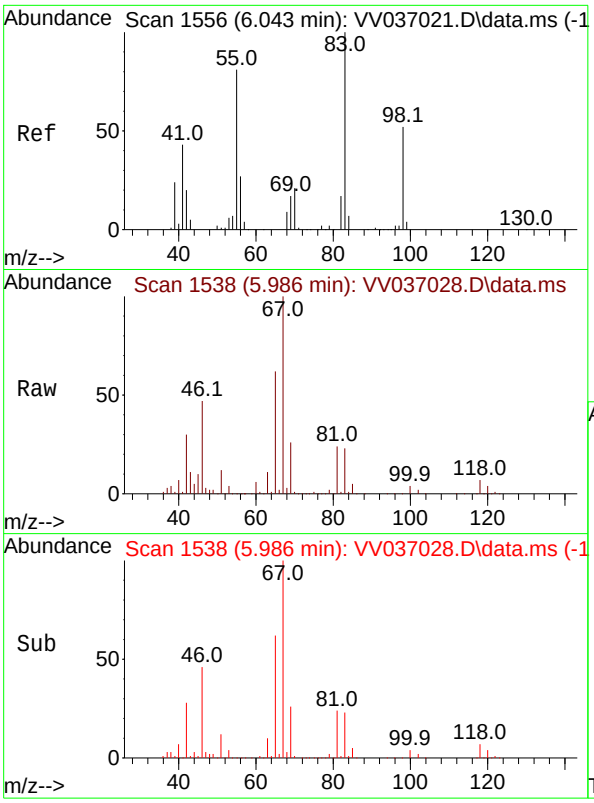


#16
Methylene chloride
Concen: 3.656 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV037028.D
Acq: 26 Aug 2024 15:33

Tgt Ion: 84 Resp: 17115

Ion	Ratio	Lower	Upper
84	100		
86	63.3	44.7	82.9
49	139.6	91.4	169.8



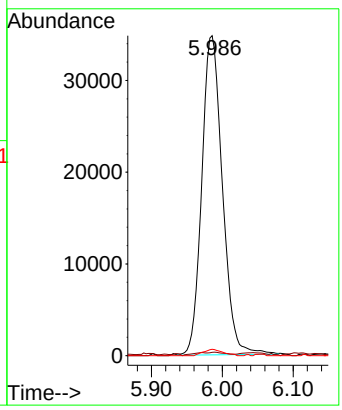


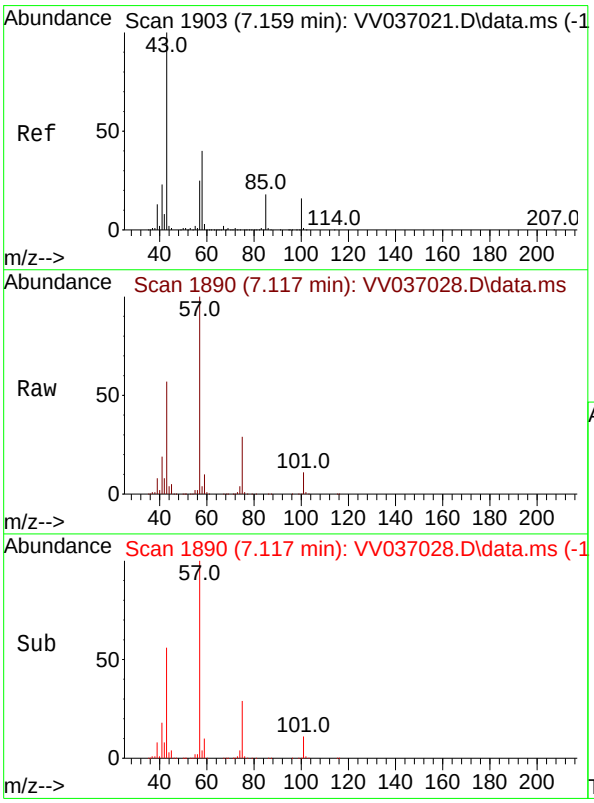
#35
Methylcyclohexane
Concen: 9.039 ug/L
RT: 5.986 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV037028.D
Acq: 26 Aug 2024 15:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 70469

Ion	Ratio	Lower	Upper
83	100		
55	0.4	61.2	91.8#
98	1.8	39.3	58.9#

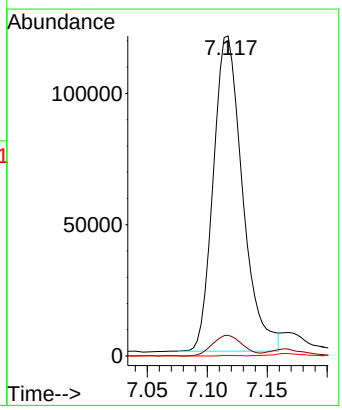


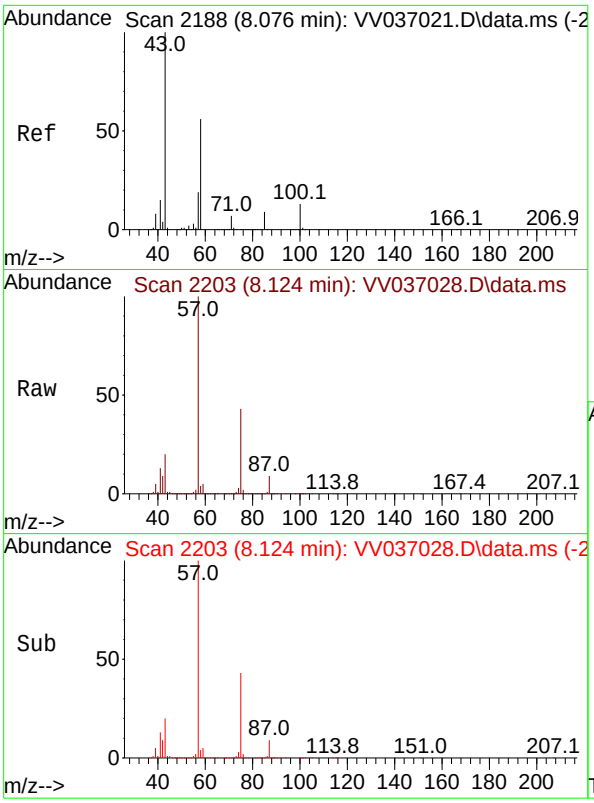


#40
4-Methyl-2-pentanone
Concen: 41.073 ug/L
RT: 7.117 min Scan# 1890
Delta R.T. -0.042 min
Lab File: VV037028.D
Acq: 26 Aug 2024 15:33

Tgt Ion: 43 Resp: 203521

Ion	Ratio	Lower	Upper
43	100		
58	6.7	32.0	48.0#
100	0.0	12.4	18.6#





#48
2-Hexanone
Concen: 45.051 ug/L
RT: 8.124 min Scan# 2
Delta R.T. 0.048 min
Lab File: VV037028.D
Acq: 26 Aug 2024 15:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 172640

Ion	Ratio	Lower	Upper
43	100		
58	20.6	46.0	69.0#
57	522.6	15.6	23.4#
100	0.4	10.6	16.0#