Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037054.D
Acq On : 27 Aug 2024 01:46
Operator : SY/MD
Sample : P3691-09
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 27 04:19:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 03:16:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	554385	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	543087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	254535	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	210071	41.424	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.840%			
7) Chloroethane-d5	1.532	69	183360	46.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.560%			
11) 1,1-Dichloroethene-d2	2.056	65	96316	45.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.380%			
21) 2-Butanone-d5	3.796	46	221658	112.869	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.870%			
24) Chloroform-d	4.243	84	410379	51.704	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.400%			
26) 1,2-Dichloroethane-d4	4.937	65	267113	53.441	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.880%			
32) Benzene-d6	4.953	84	825249	50.310	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.620%			
36) 1,2-Dichloropropane-d6	5.985	67	269227	52.402	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.800%			
41) Toluene-d8	7.239	98	730385	49.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.680%			
43) trans-1,3-Dichloroprop...	7.551	79	99849	42.007	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.020%			
47) 2-Hexanone-d5	8.024	63	145629	103.859	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.860%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	329644	52.903	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.800%			
66) 1,2-Dichlorobenzene-d4	11.554	152	272256	53.406	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.820%			
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	25126	5.080	ug/L #	1
8) Chloroethane	1.204	64	254965	84.277	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	3230	0.841	ug/L #	23
13) Acetone	2.111	43	8004	3.800	ug/L	83
15) Methyl Acetate	2.371	43	174642	49.459	ug/L	99
35) Methylcyclohexane	5.985	83	61889	9.208	ug/L #	19
48) 2-Hexanone	8.024	43	17631	5.337	ug/L #	73

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

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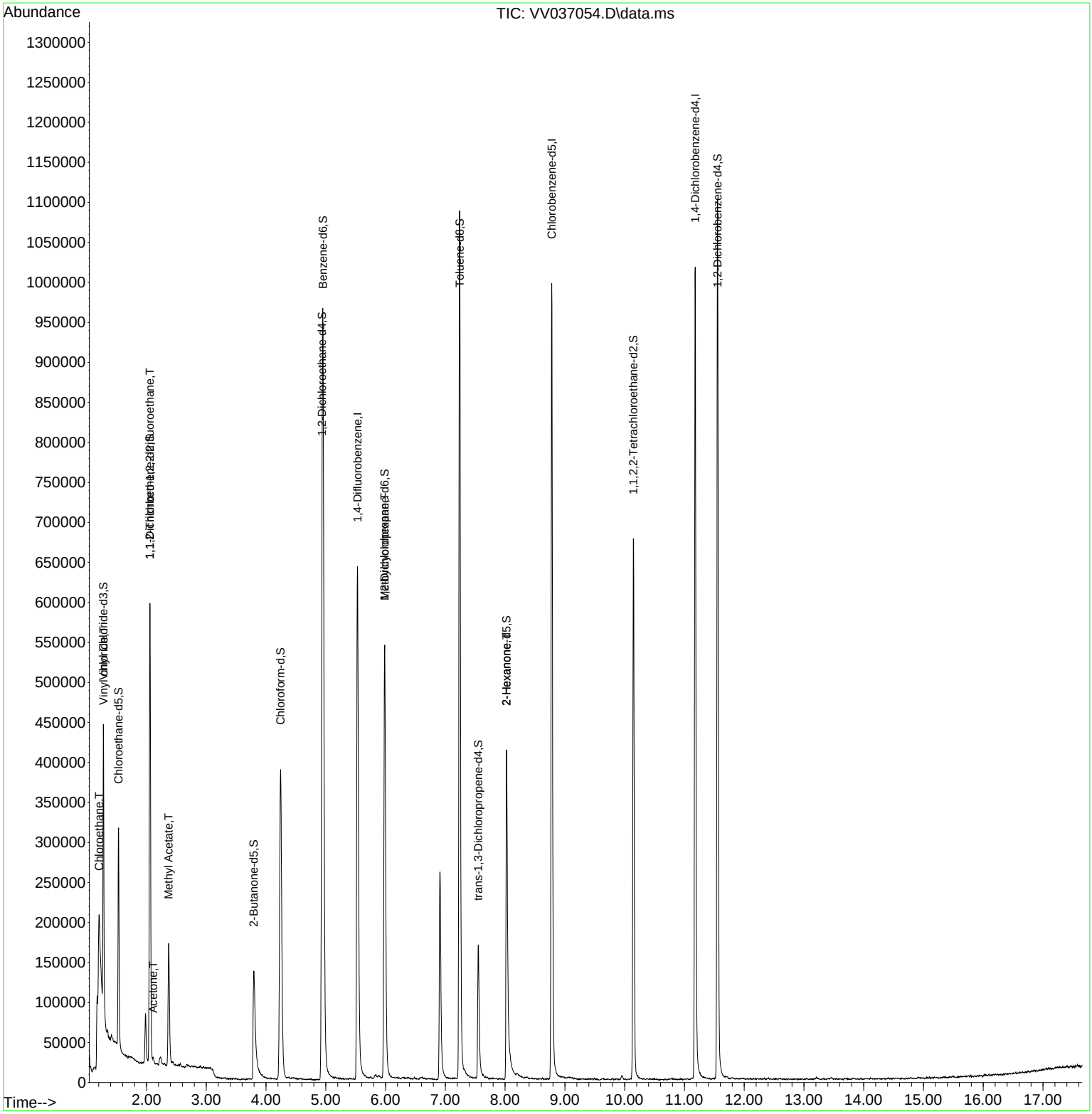
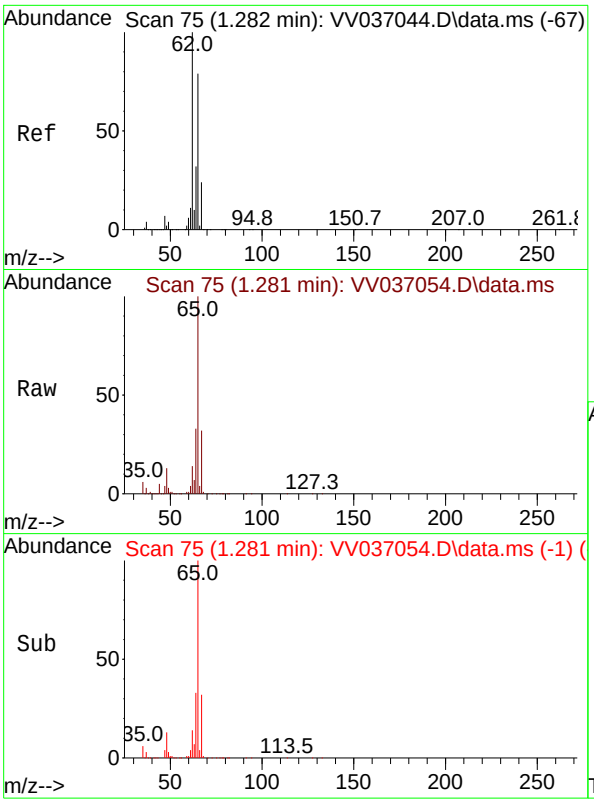


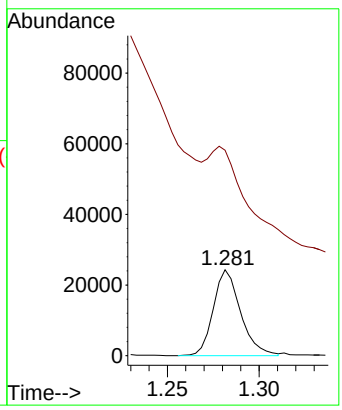


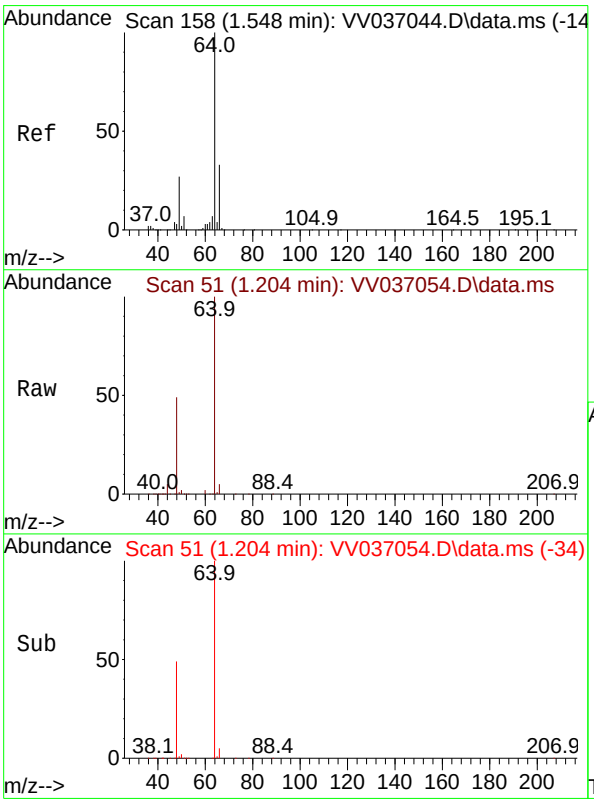
#5
Vinyl chloride
Concen: 5.080 ug/L
RT: 1.281 min Scan# 7
Delta R.T. -0.000 min
Lab File: VV037054.D
Acq: 27 Aug 2024 01:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 25126

Ion	Ratio	Lower	Upper
62	100		
64	238.9	22.8	42.4#

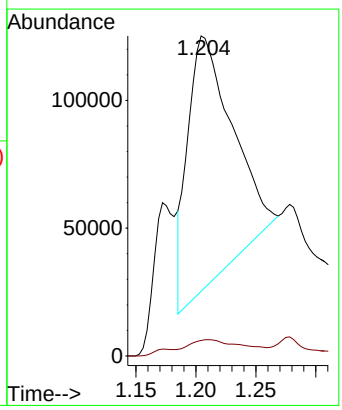


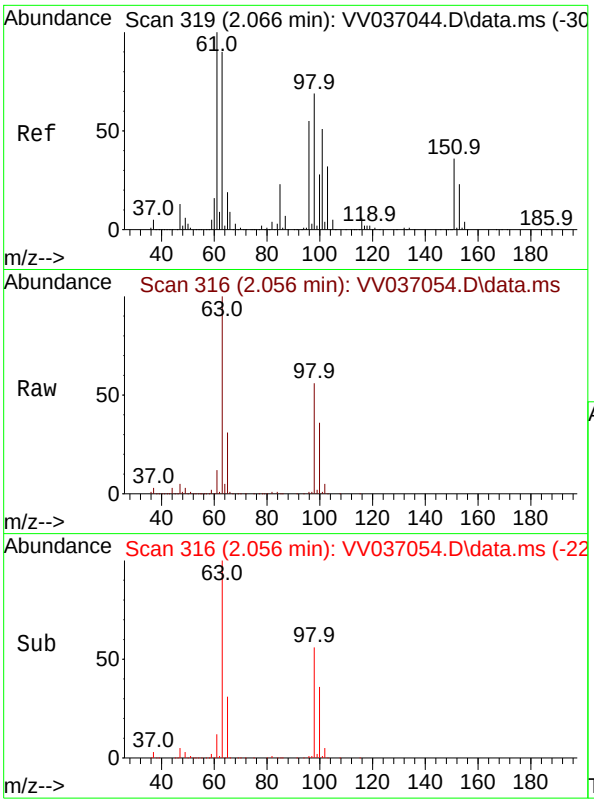


#8
Chloroethane
Concen: 84.277 ug/L
RT: 1.204 min Scan# 51
Delta R.T. -0.344 min
Lab File: VV037054.D
Acq: 27 Aug 2024 01:46

Tgt Ion: 64 Resp: 254965

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.8	42.4#



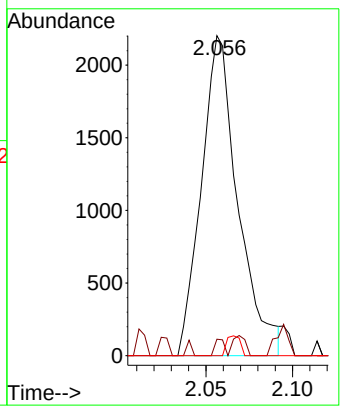


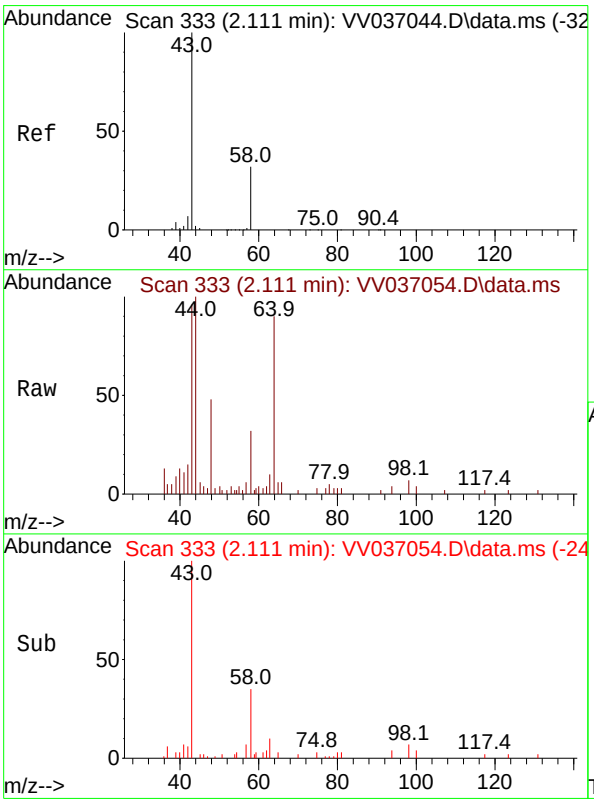
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.841 ug/L
RT: 2.056 min Scan# 3
Delta R.T. -0.010 min
Lab File: VV037054.D
Acq: 27 Aug 2024 01:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 3230

Ion	Ratio	Lower	Upper
101	100		
85	1.3	35.6	53.4#
151	0.0	55.0	82.4#

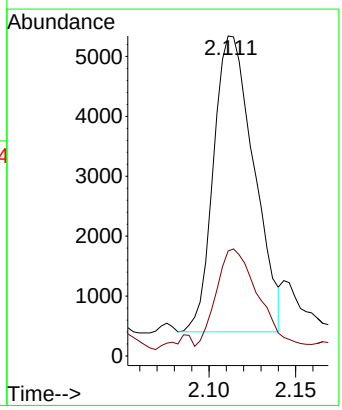


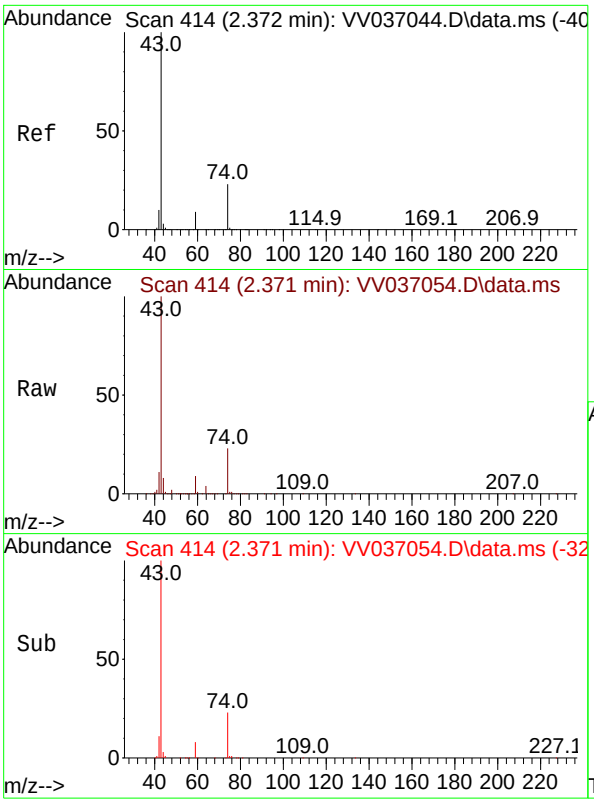


#13
Acetone
Concen: 3.800 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV037054.D
Acq: 27 Aug 2024 01:46

Tgt Ion: 43 Resp: 8004

Ion	Ratio	Lower	Upper
43	100		
58	41.8	0.0	64.8



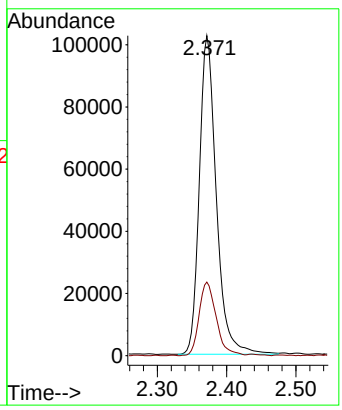


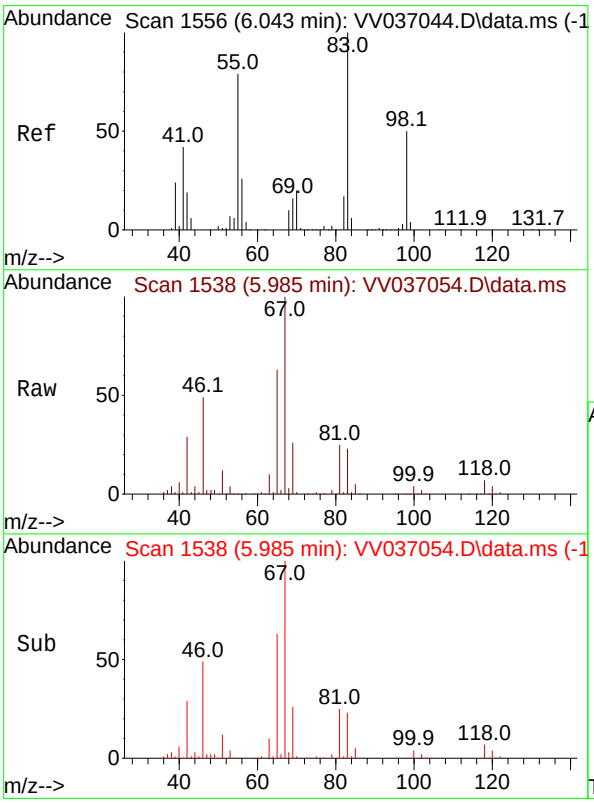
#15
Methyl Acetate
Concen: 49.459 ug/L
RT: 2.371 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV037054.D
Acq: 27 Aug 2024 01:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 174642

Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.4	27.6

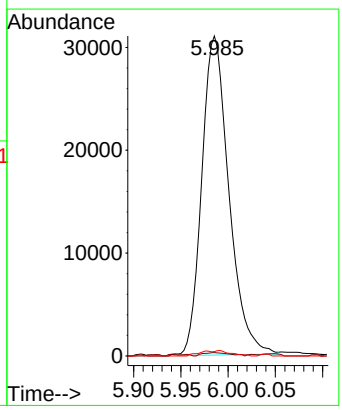


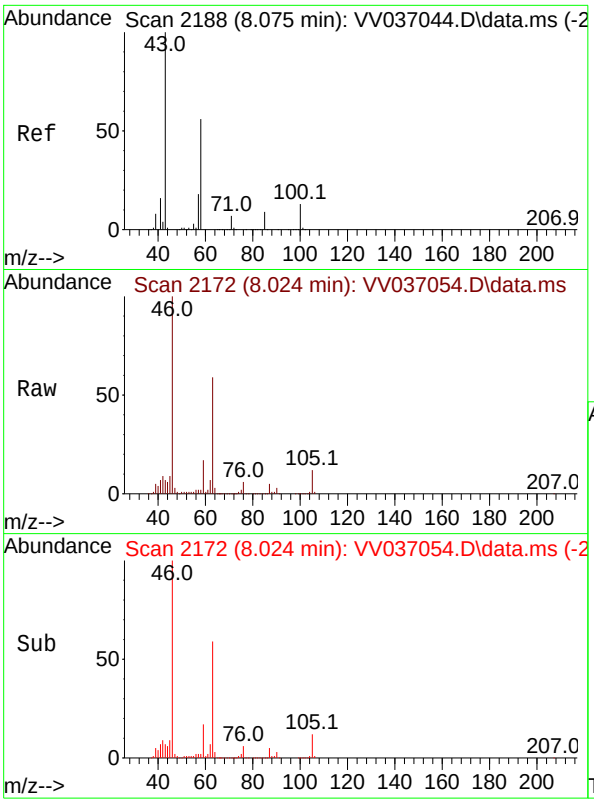


#35
Methylcyclohexane
Concen: 9.208 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.058 min
Lab File: VV037054.D
Acq: 27 Aug 2024 01:46

Tgt Ion: 83 Resp: 61889

Ion	Ratio	Lower	Upper
83	100		
55	1.0	61.2	91.8#
98	1.0	39.3	58.9#





#48
2-Hexanone
Concen: 5.337 ug/L
RT: 8.024 min Scan# 2
Delta R.T. -0.052 min
Lab File: VV037054.D
Acq: 27 Aug 2024 01:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 17631

Ion	Ratio	Lower	Upper
43	100		
58	34.8	46.0	69.0#
57	25.4	15.6	23.4#
100	1.3	10.6	16.0#