Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 04 09:03:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 04 04:26:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	165553	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81065	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50015	4.345	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.800%			
7) Chloroethane-d5	1.911	69	45212	4.082	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.600%			
11) 1,1-Dichloroethene-d2	2.560	65	20009	4.190	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.800%			
20) 2-Butanone-d5	4.618	46	112541	47.460	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.920%			
24) Chloroform-d	5.055	84	98767	4.180	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.600%			
26) 1,2-Dichloroethane-d4	5.695	65	48918	4.298	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.000%			
32) Benzene-d6	5.718	84	207575	4.630	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
36) 1,2-Dichloropropane-d6	6.682	67	69063	5.028	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.600%			
41) Toluene-d8	7.891	98	191116	4.586	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	8.174	79	21577	5.016	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.400%			
46) 2-Hexanone-d5	8.624	63	100732	56.363	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.720%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52609	4.635	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	72168	5.002	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.000%			
Target Compounds						Qvalue
13) Acetone	2.592	43	74867	48.672	ug/L	51
15) Methyl Acetate	3.036	43	1439915	354.732	ug/L #	51
16) Methylene chloride	3.020	84	14737	1.059	ug/L #	1
17) Methyl tert-butyl Ether	3.358	73	33848	1.338	ug/L #	76
21) 2-Butanone	4.640	43	49697	20.143	ug/L #	52
27) 1,2-Dichloroethane	5.785	62	32539	2.264	ug/L #	82
30) Cyclohexane	5.454	56	1252249	75.408	ug/L #	18
34) Trichloroethene	6.730	95	7302	0.545	ug/L #	1
35) Methylcyclohexane	6.730	83	24505	1.286	ug/L #	47
38) Bromodichloromethane	7.123	83	8054	0.504	ug/L #	26
40) 4-Methyl-2-pentanone	7.833	43	29521	4.977	ug/L #	81
61) 1,2,3-Trichloropropane	11.804	75	9065	1.210	ug/L #	61
63) 1,2,4-Trimethylbenzene	11.463	105	9544	0.252	ug/L	95
71) Naphthalene	14.103	128	4942	0.239	ug/L #	72

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

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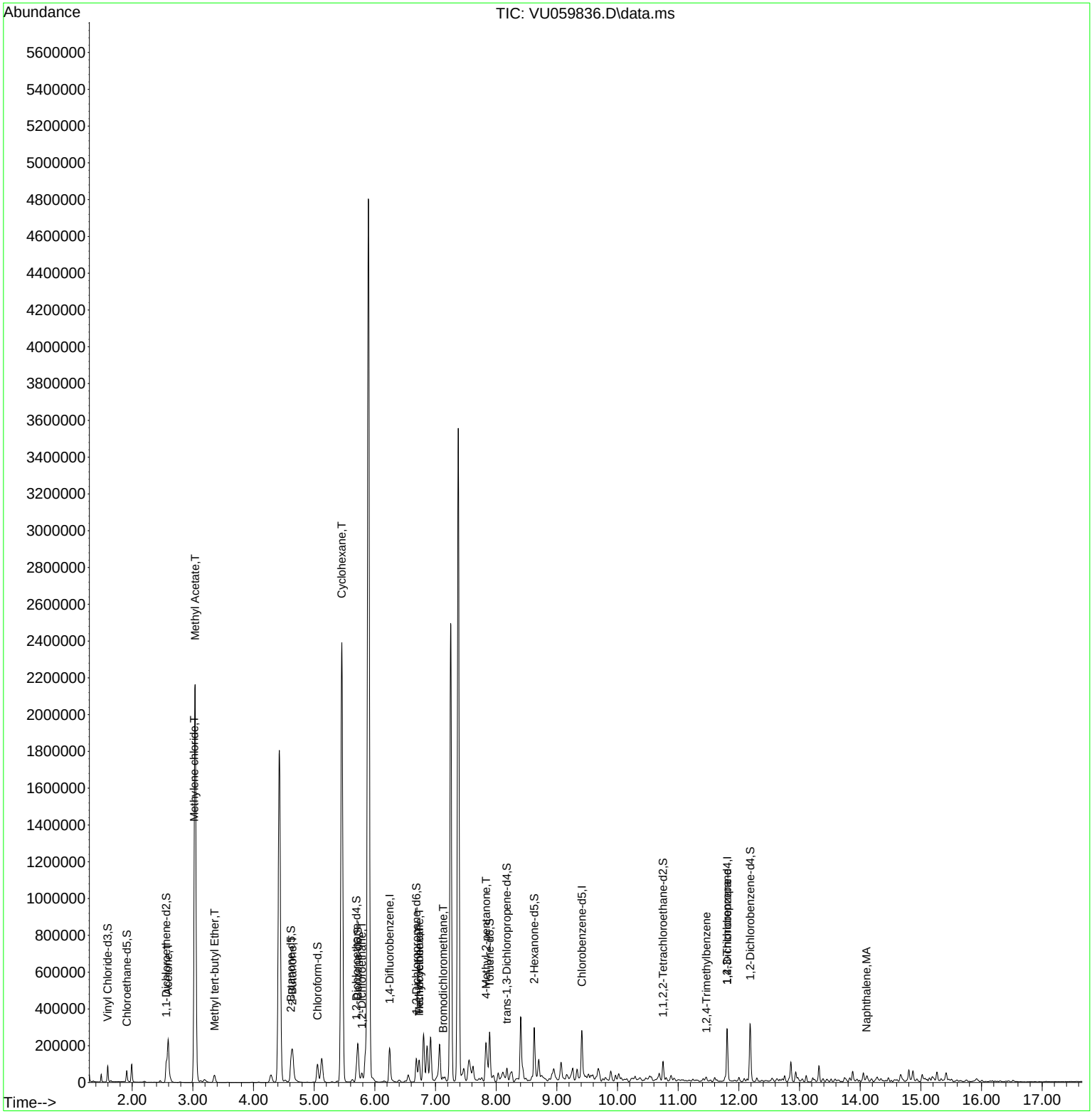
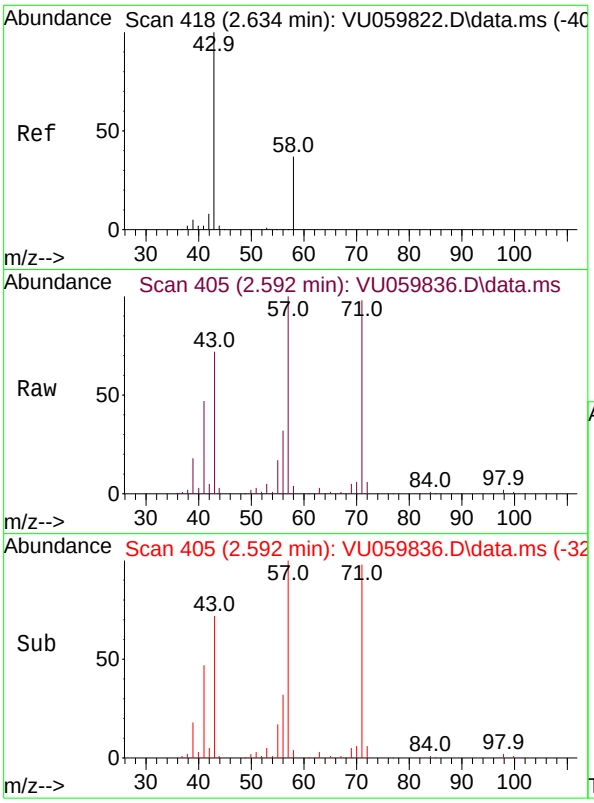
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 04 04:26:48 2024
Response via : Initial Calibration



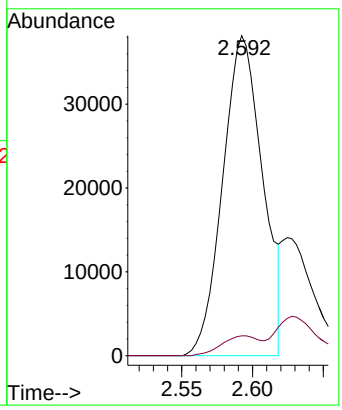


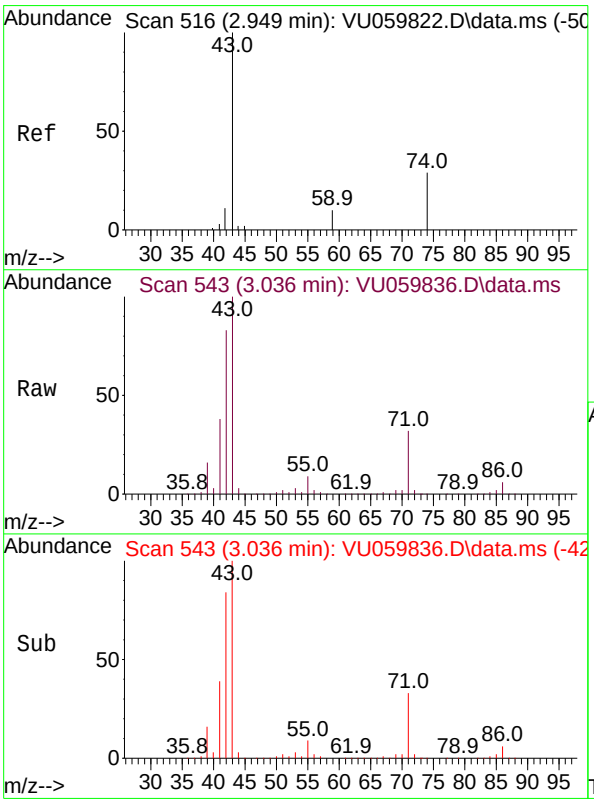
#13
Acetone
Concen: 48.672 ug/L
RT: 2.592 min Scan# 4(
Delta R.T. -0.042 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 74867

Ion	Ratio	Lower	Upper
43	100		
58	6.1	0.0	68.0

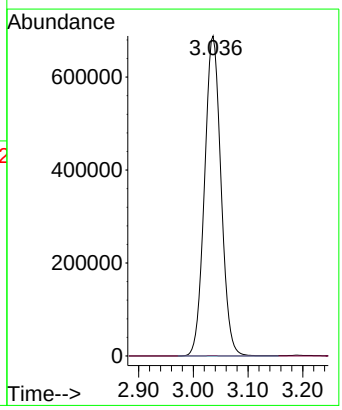


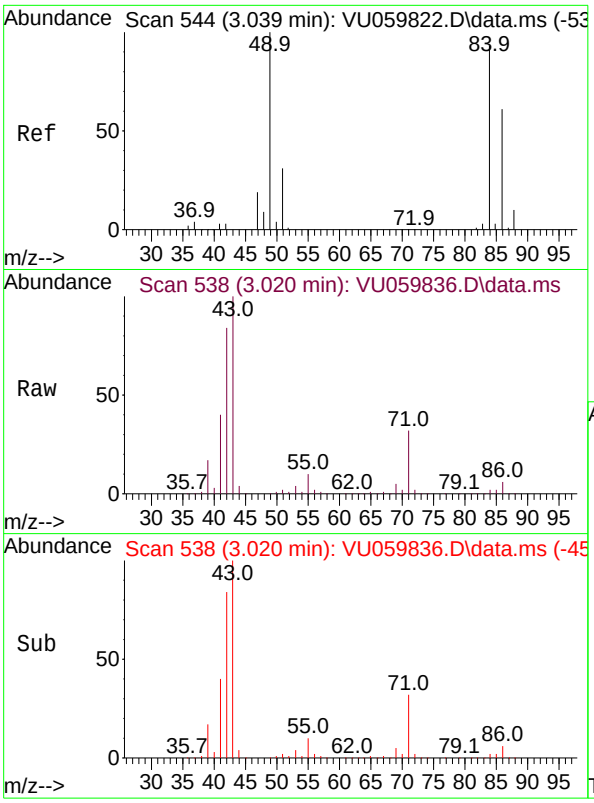


#15
Methyl Acetate
Concen: 354.732 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.087 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Tgt Ion: 43 Resp: 1439915

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#



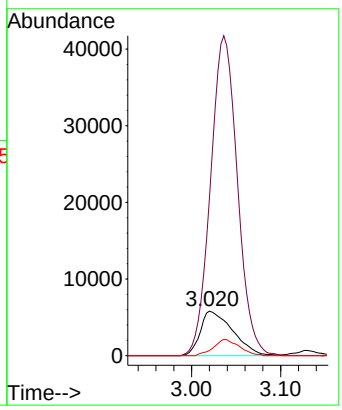


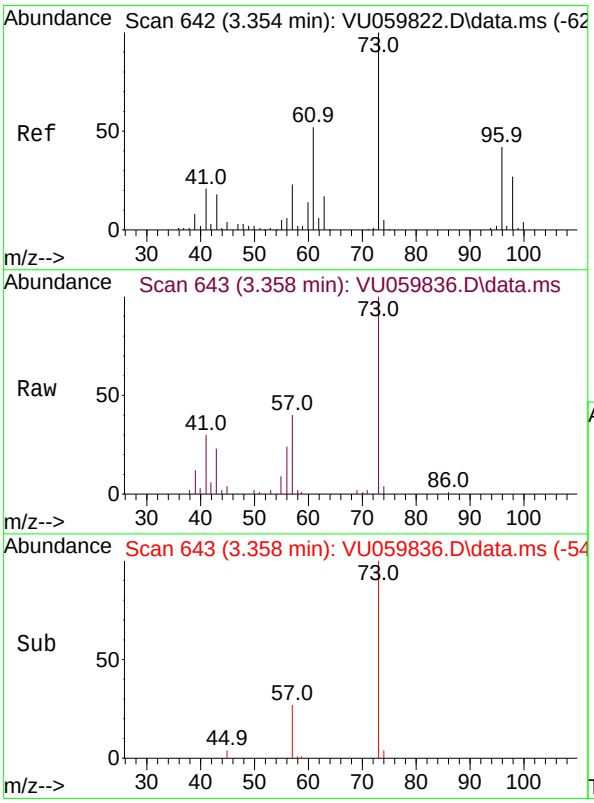
#16
Methylene chloride
Concen: 1.059 ug/L
RT: 3.020 min Scan# 5
Delta R.T. -0.019 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 14737

Ion	Ratio	Lower	Upper
84	100		
86	352.6	42.1	78.1#
49	11.4	80.6	149.8#

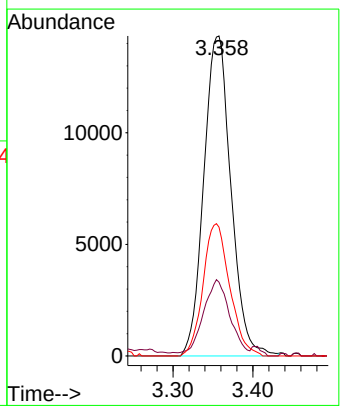


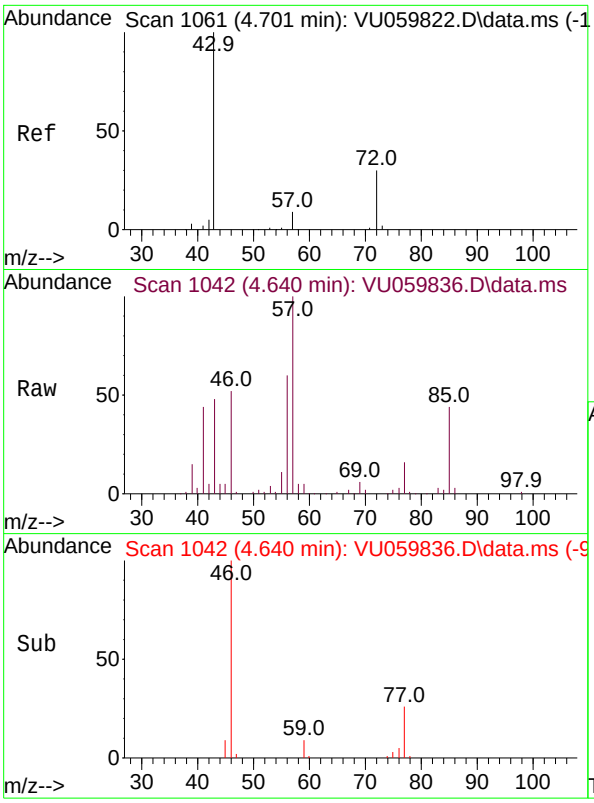


#17
Methyl tert-butyl Ether
Concen: 1.338 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Tgt Ion: 73 Resp: 33848

Ion	Ratio	Lower	Upper
73	100		
43	21.3	14.9	22.3
57	40.7	18.0	27.0#



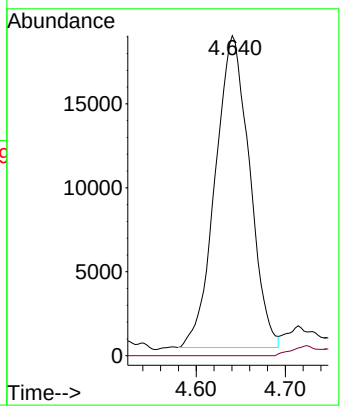


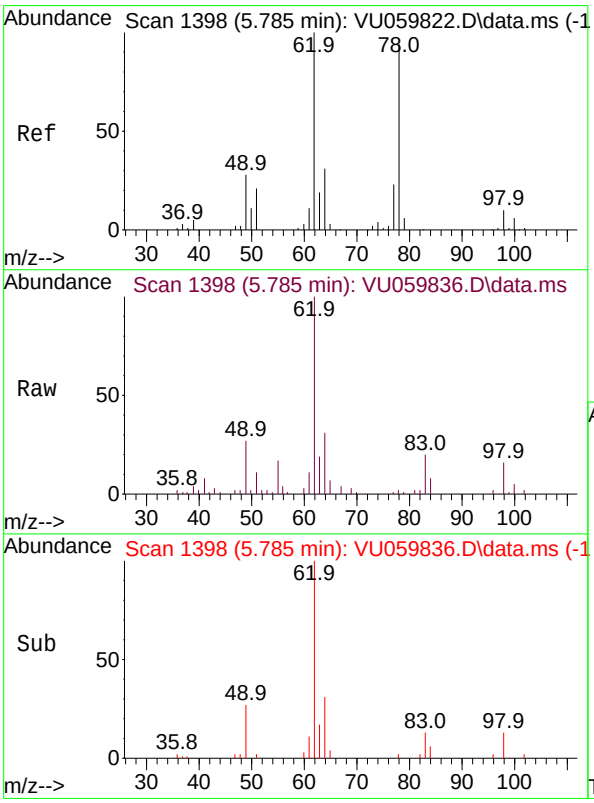
#21
2-Butanone
Concen: 20.143 ug/L
RT: 4.640 min Scan# 1
Delta R.T. -0.061 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 49697

Ion	Ratio	Lower	Upper
43	100		
72	2.3	13.8	41.4#

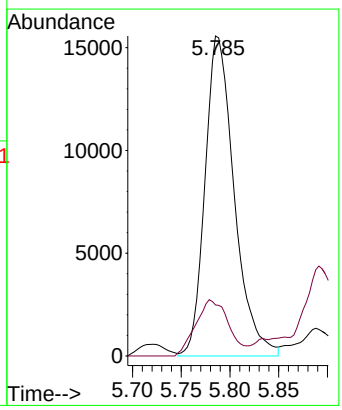


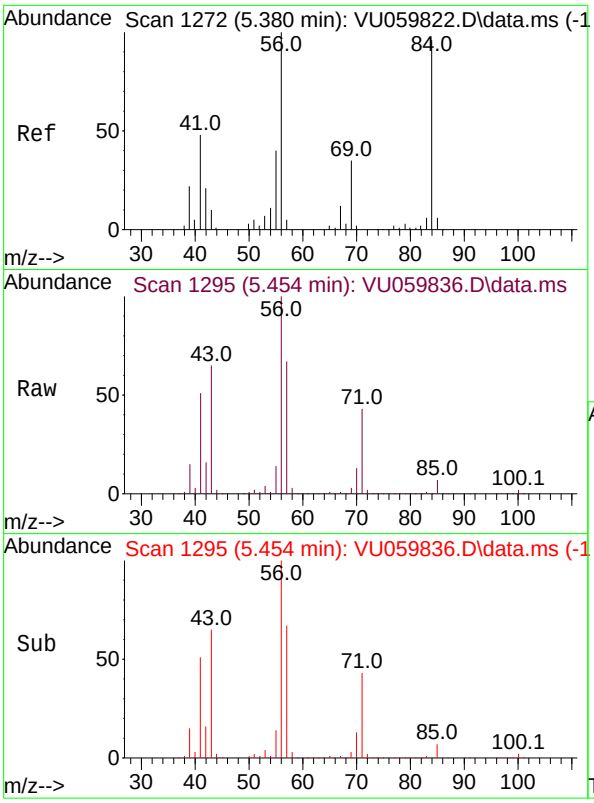


#27
1,2-Dichloroethane
Concen: 2.264 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Tgt Ion: 62 Resp: 32539

Ion	Ratio	Lower	Upper
62	100		
98	16.0	7.5	11.3#



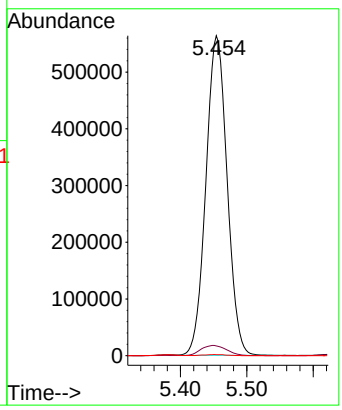


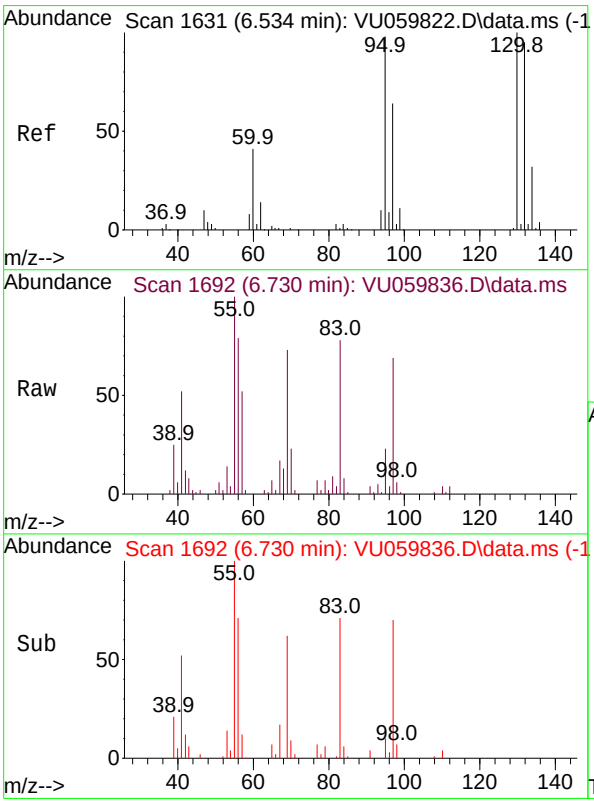
#30
Cyclohexane
Concen: 75.408 ug/L
RT: 5.454 min Scan# 1
Delta R.T. 0.074 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 1252249

Ion	Ratio	Lower	Upper
56	100		
69	3.9	24.8	37.2#
84	0.4	69.8	104.8#

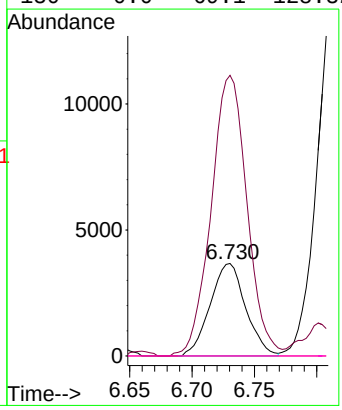


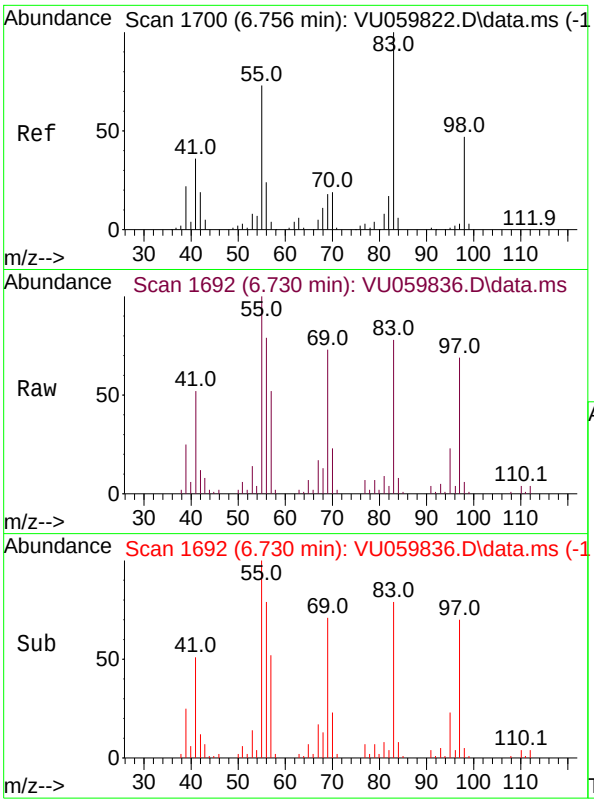


#34
Trichloroethene
Concen: 0.545 ug/L
RT: 6.730 min Scan# 1692
Delta R.T. 0.196 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Tgt Ion: 95 Resp: 7302

Ion	Ratio	Lower	Upper
95	100		
97	303.3	45.3	84.1#
132	0.0	64.0	119.0#
130	0.0	69.1	128.3#



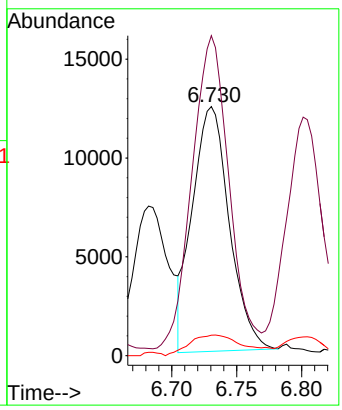


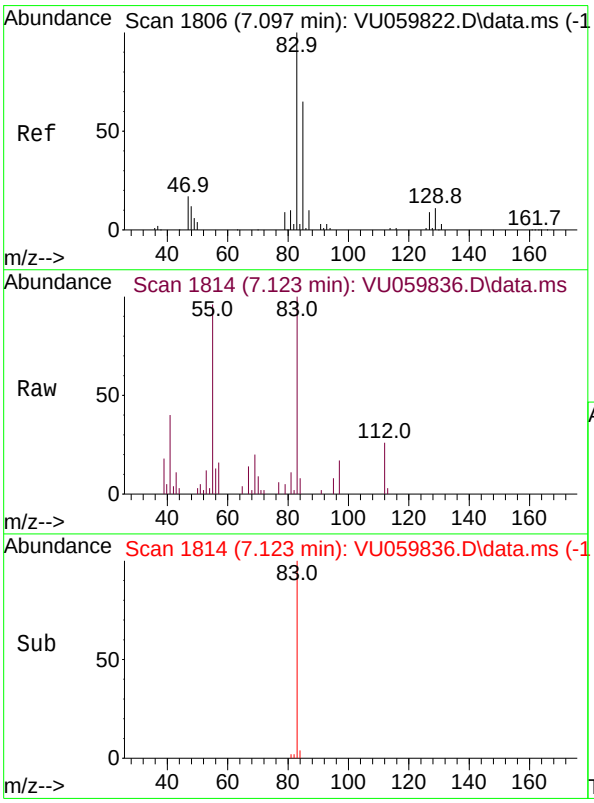
#35
Methylcyclohexane
Concen: 1.286 ug/L
RT: 6.730 min Scan# 1
Delta R.T. -0.026 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 24505

Ion	Ratio	Lower	Upper
83	100		
55	127.1	62.7	94.1#
98	12.7	35.4	53.0#

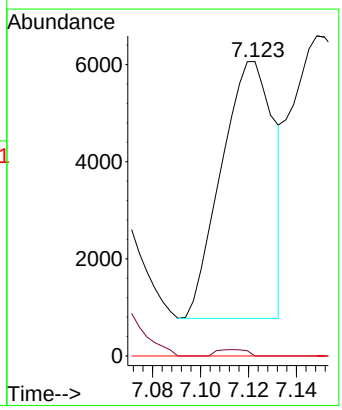


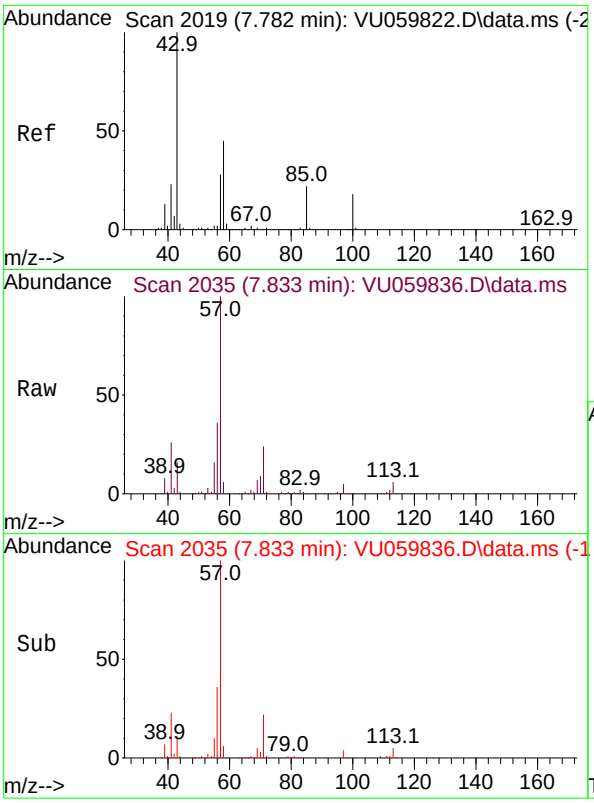


#38
Bromodichloromethane
Concen: 0.504 ug/L
RT: 7.123 min Scan# 1814
Delta R.T. 0.026 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Tgt Ion: 83 Resp: 8054

Ion	Ratio	Lower	Upper
83	100		
85	0.0	42.7	79.3#
127	0.0	6.1	9.1#



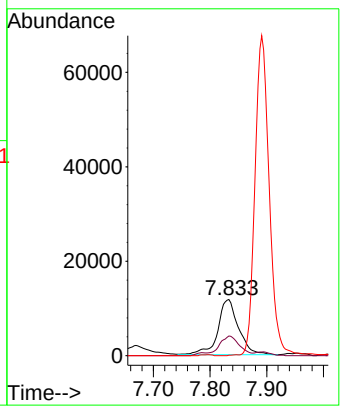


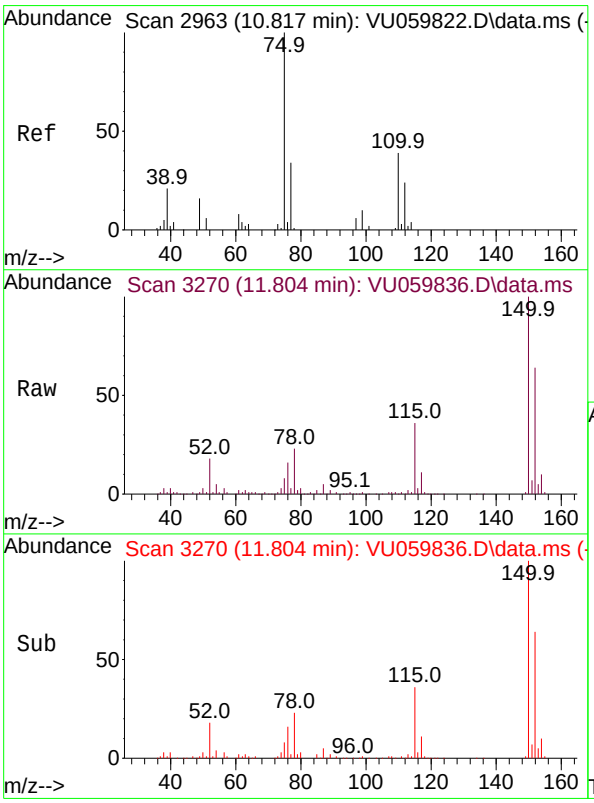
#40
4-Methyl-2-pentanone
Concen: 4.977 ug/L
RT: 7.833 min Scan# 2
Delta R.T. 0.052 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 29521

Ion	Ratio	Lower	Upper
43	100		
58	34.6	34.0	51.0
100	0.0	12.1	18.1#

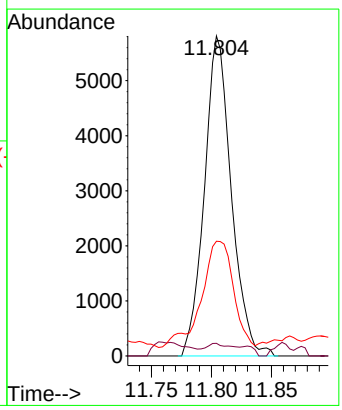


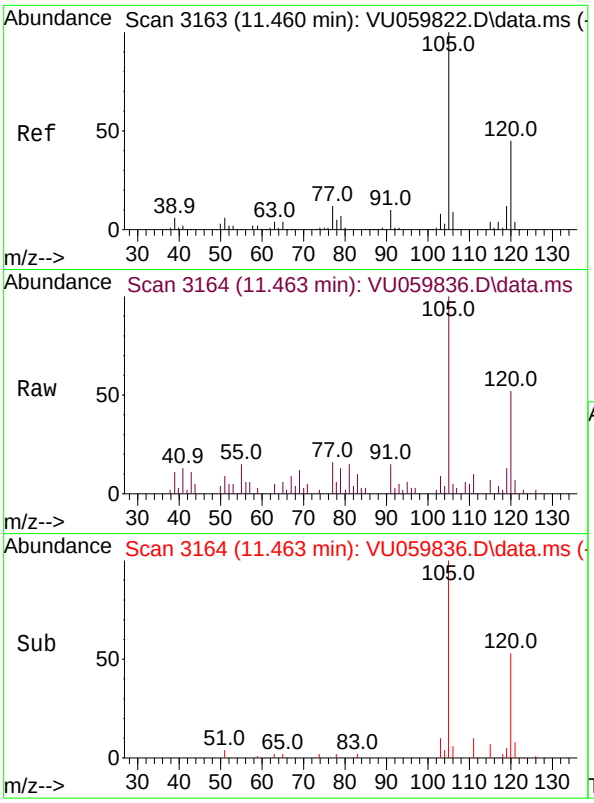


#61
1,2,3-Trichloropropane
Concen: 1.210 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Tgt Ion: 75 Resp: 9065

Ion	Ratio	Lower	Upper
75	100		
110	0.0	27.1	40.7#
77	41.0	25.4	38.2#



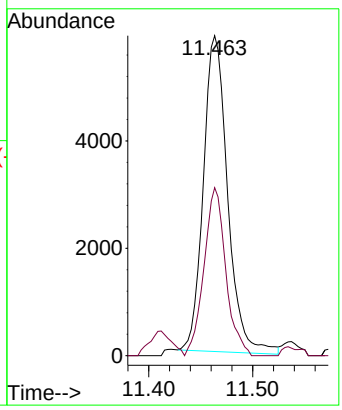


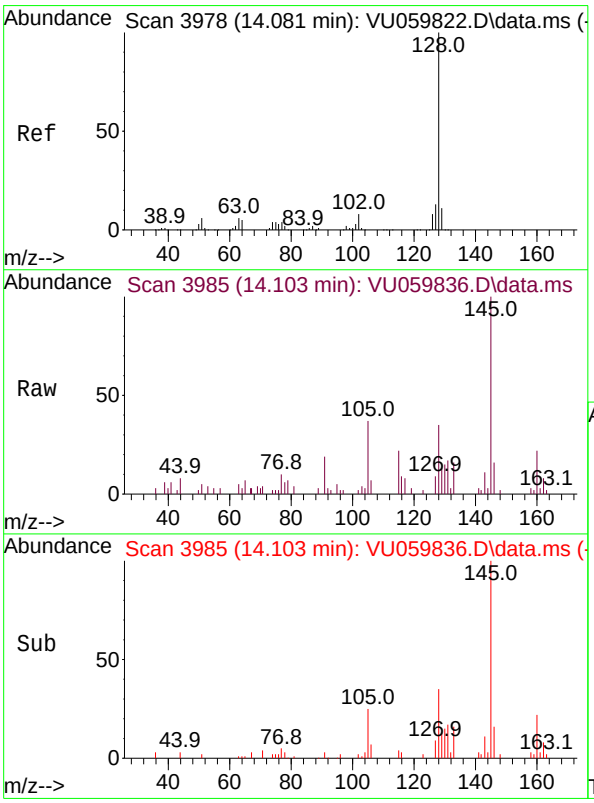
#63
1,2,4-Trimethylbenzene
Concen: 0.252 ug/L
RT: 11.463 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 9544

Ion	Ratio	Lower	Upper
105	100		
120	47.7	35.4	53.0





#71
Naphthalene
Concen: 0.239 ug/L
RT: 14.103 min Scan# 3985
Delta R.T. 0.023 min
Lab File: VU059836.D
Acq: 04 Jul 2024 08:16

Tgt Ion:128 Resp: 4942

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.2	12.4#
127	24.3	10.2	15.4#