Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
Data File : VU054934.D
Acq On : 28 Aug 2023 19:27
Operator : MD/SY
Sample : 04173-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 29 05:01:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 29 04:51:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177991	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174413	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	89904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26737	4.759	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.200%			
7) Chloroethane-d5	1.907	69	35224	4.853	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.000%			
11) 1,1-Dichloroethene-d2	2.563	65	15187	4.783	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.600%			
20) 2-Butanone-d5	4.628	46	183723	60.587	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.180%			
24) Chloroform-d	5.062	84	101050	4.849	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
26) 1,2-Dichloroethane-d4	5.701	65	58380	5.265	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.200%			
32) Benzene-d6	5.724	84	185861	4.741	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	6.689	67	67610	4.903	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.000%			
41) Toluene-d8	7.897	98	169736	4.521	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.400%			
43) trans-1,3-Dichloroprop...	8.180	79	19868	4.378	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.600%			
46) 2-Hexanone-d5	8.634	63	124613	57.857	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.720%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	59544	5.036	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.800%			
66) 1,2-Dichlorobenzene-d4	12.193	152	70675	4.923	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.400%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	5138	0.446	ug/L	96
5) Vinyl chloride	1.602	62	46698	3.909	ug/L #	54
8) Chloroethane	1.930	64	5608	0.714	ug/L #	62
13) Acetone	2.637	43	12036	7.343	ug/L	100
15) Methyl Acetate	3.023	43	608	0.181	ug/L #	51
18) trans-1,2-Dichloroethene	3.351	96	15701	1.788	ug/L	89
21) 2-Butanone	4.714	43	28642	11.404	ug/L	95
22) cis-1,2-Dichloroethene	4.666	96	9574	0.914	ug/L	96
34) Trichloroethene	6.544	95	3631	0.318	ug/L	97
35) Methylcyclohexane	6.692	83	14639	0.868	ug/L #	18
37) 1,2-Dichloropropane	6.692	63	7534	0.657	ug/L #	90
48) 2-Hexanone	8.688	43	15377	3.247	ug/L #	79
51) Chlorobenzene	9.447	112	9159	0.308	ug/L	93
61) 1,2,3-Trichloropropane	11.814	75	12829	1.916	ug/L #	69

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
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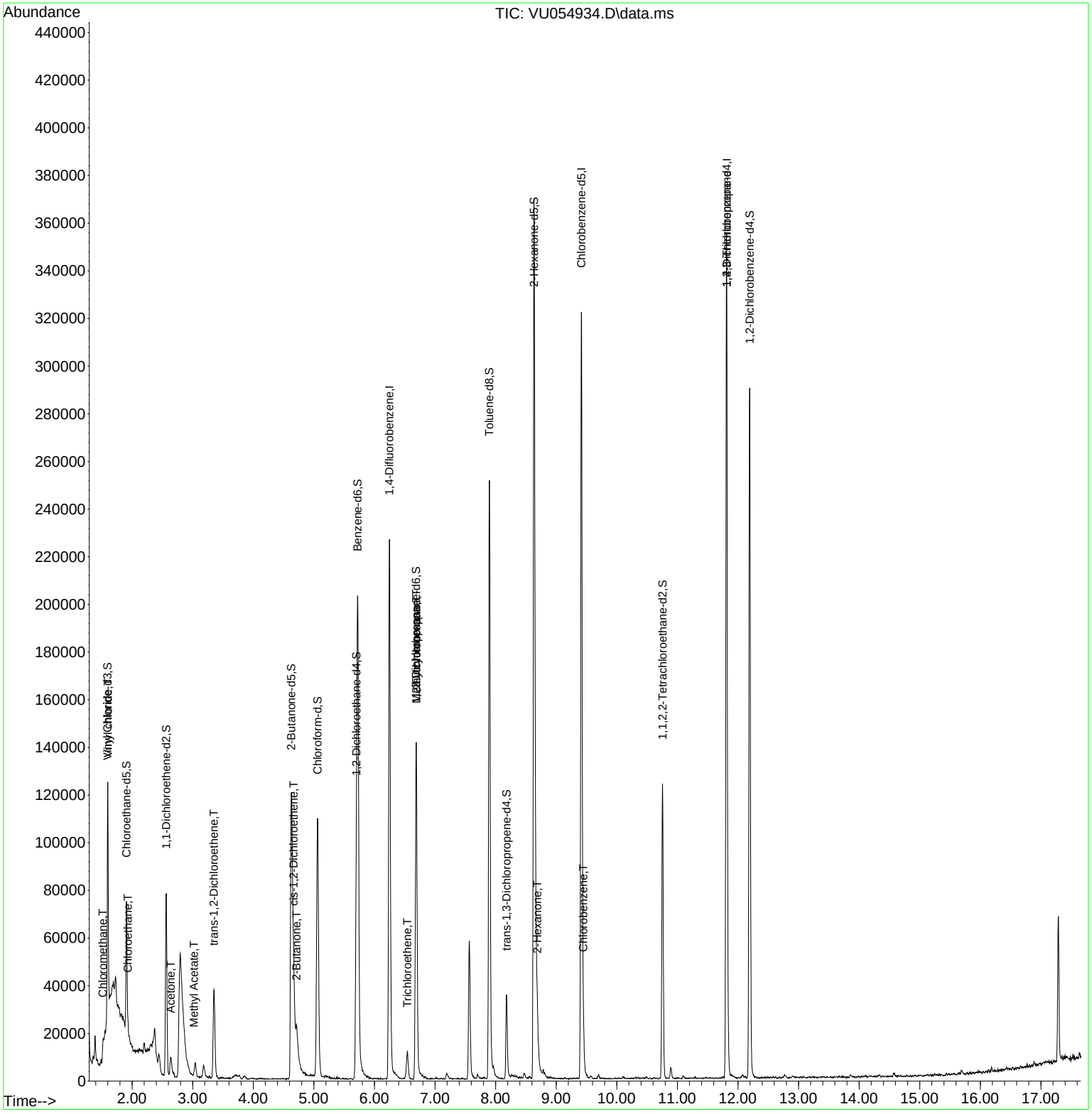
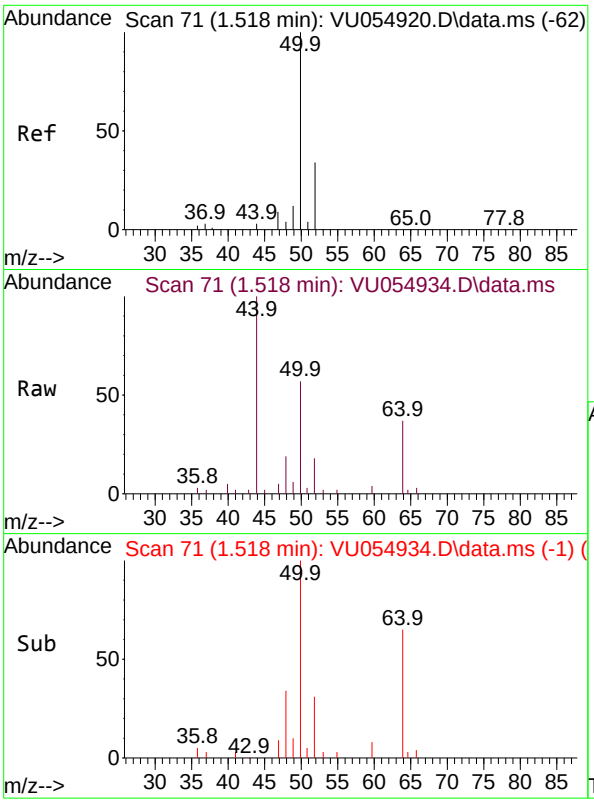
Quant Time: Aug 29 05:01:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 29 04:51:39 2023
Response via : Initial Calibration



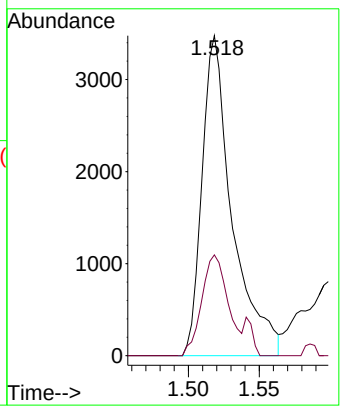


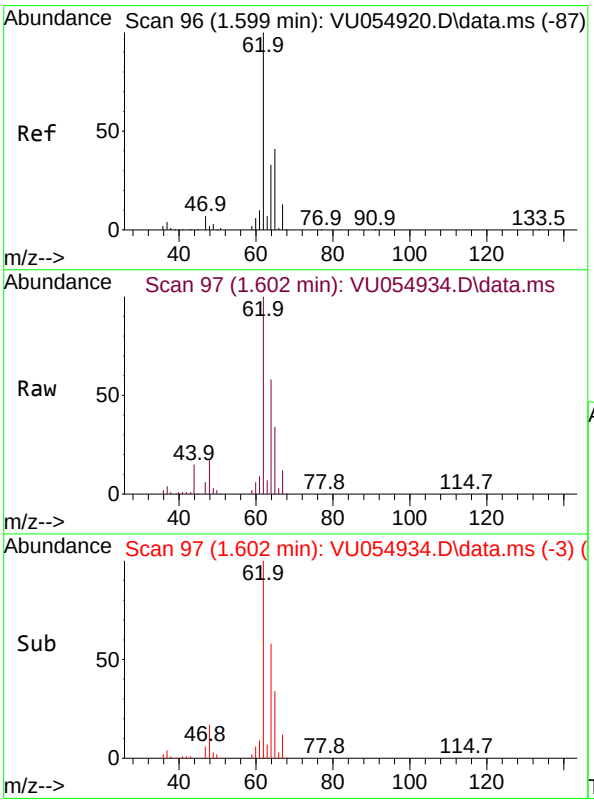
#3
Chloromethane
Concen: 0.446 ug/L
RT: 1.518 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 5138

Ion	Ratio	Lower	Upper
50	100		
52	31.5	23.4	43.6

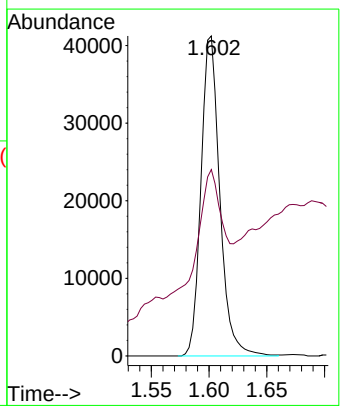


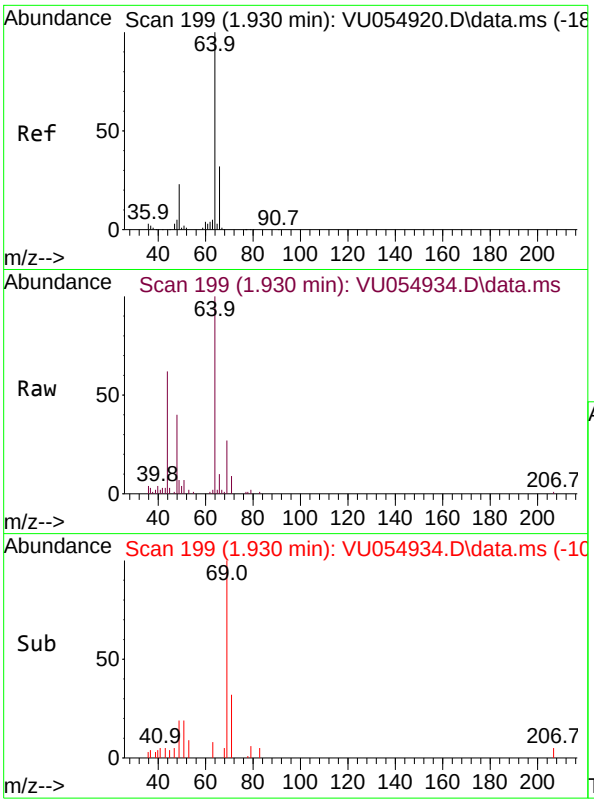


#5
Vinyl chloride
Concen: 3.909 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Tgt Ion: 62 Resp: 46698

Ion	Ratio	Lower	Upper
62	100		
64	58.2	22.7	42.1#



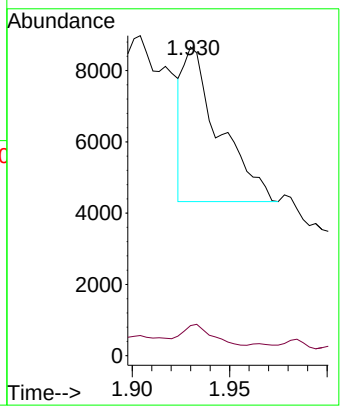


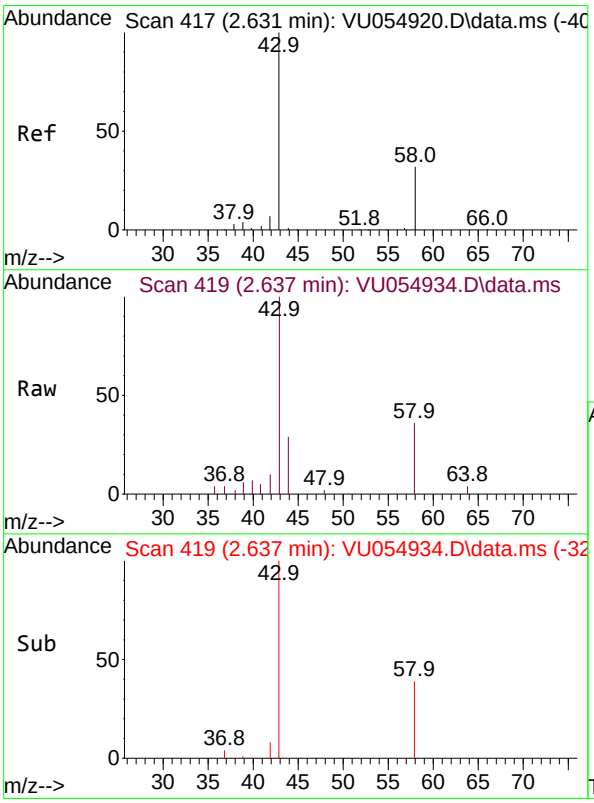
#8
Chloroethane
Concen: 0.714 ug/L
RT: 1.930 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 5608

Ion	Ratio	Lower	Upper
64	100		
66	9.7	21.5	39.9#

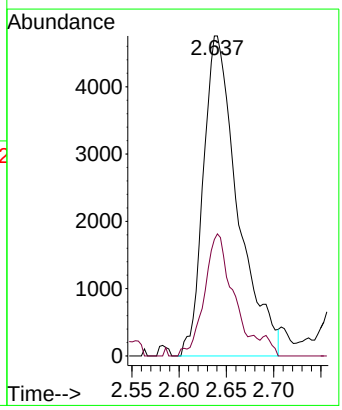


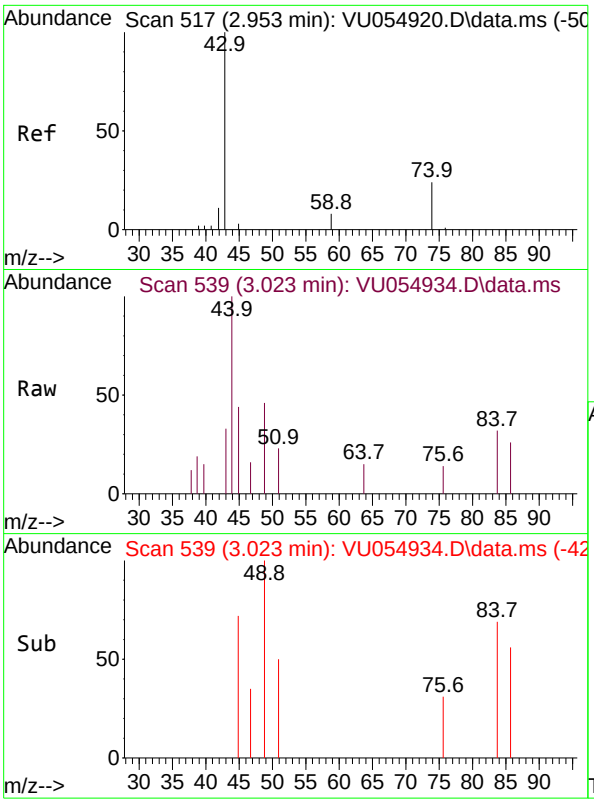


#13
Acetone
Concen: 7.343 ug/L
RT: 2.637 min Scan# 419
Delta R.T. 0.006 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Tgt Ion: 43 Resp: 12036

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	64.4



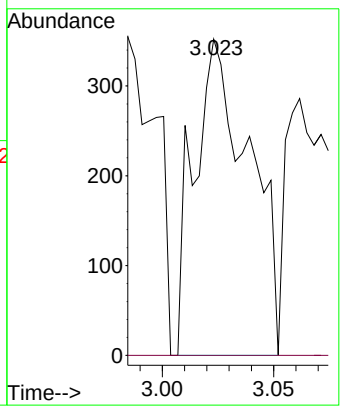


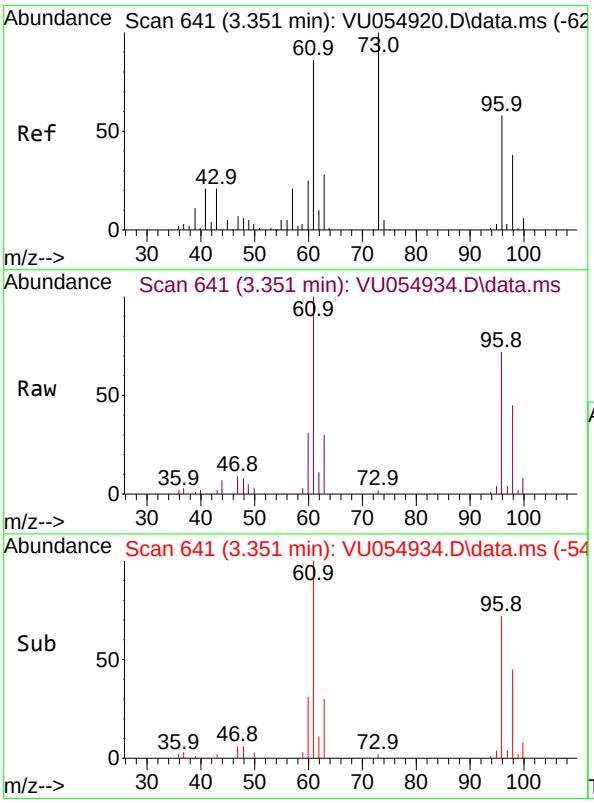
#15
Methyl Acetate
Concen: 0.181 ug/L
RT: 3.023 min Scan# 5
Delta R.T. 0.071 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 608

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.5	29.3#

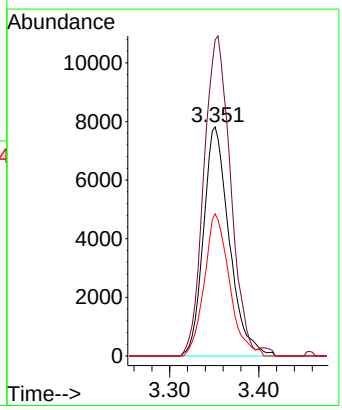


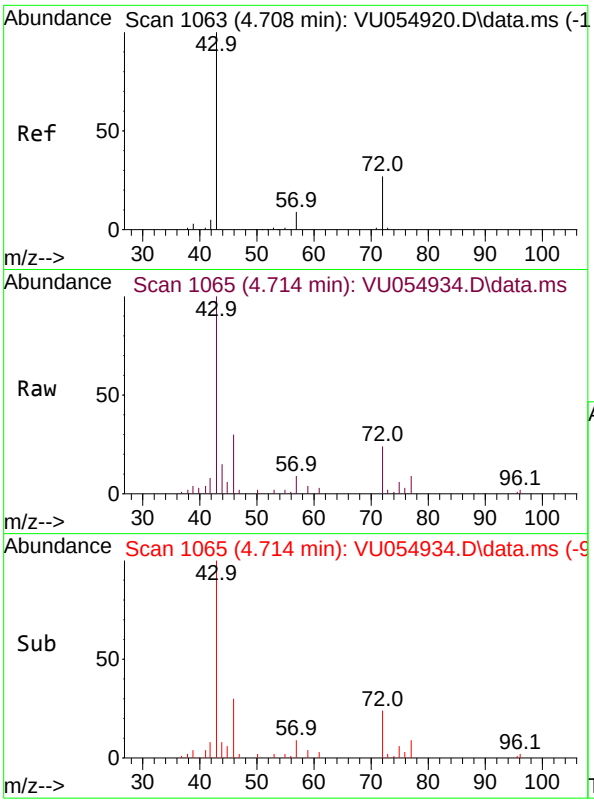


#18
trans-1,2-Dichloroethene
Concen: 1.788 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Tgt Ion: 96 Resp: 15701

Ion	Ratio	Lower	Upper
96	100		
61	138.0	108.8	202.0
98	62.0	45.8	85.2



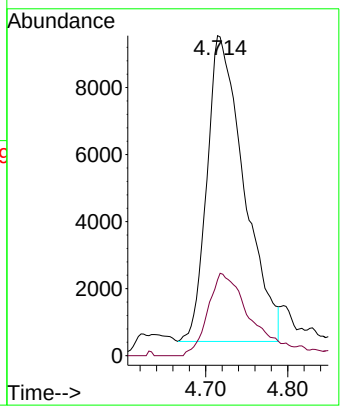


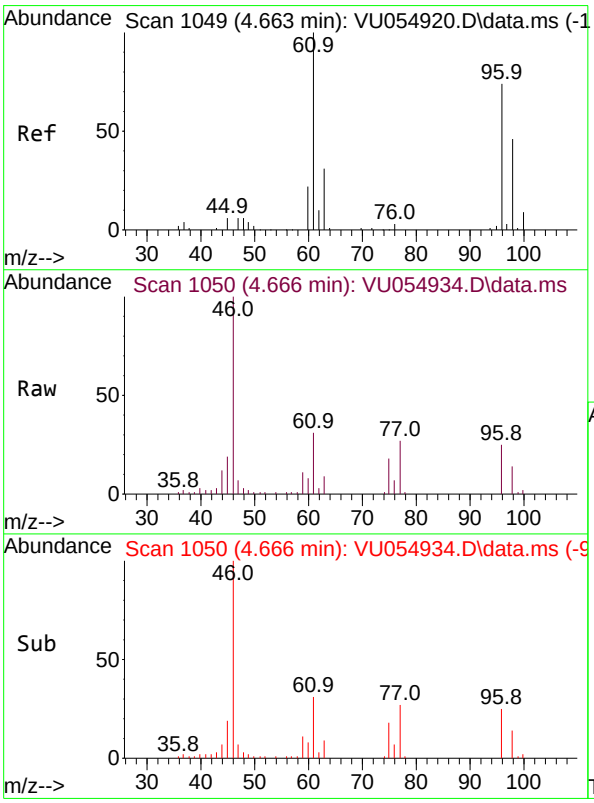
#21
2-Butanone
Concen: 11.404 ug/L
RT: 4.714 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 28642

Ion	Ratio	Lower	Upper
43	100		
72	30.6	14.1	42.3

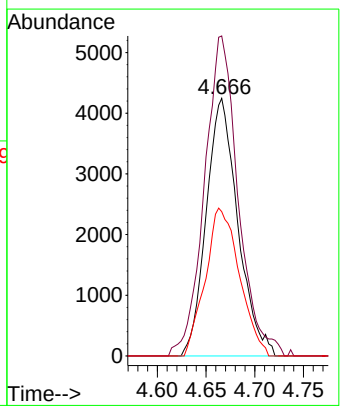


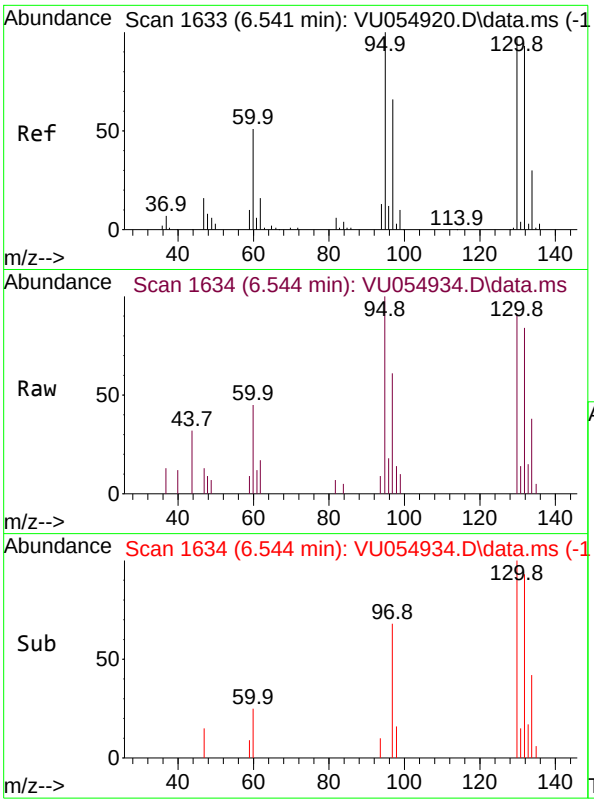


#22
cis-1,2-Dichloroethene
Concen: 0.914 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Tgt Ion: 96 Resp: 9574

Ion	Ratio	Lower	Upper
96	100		
61	124.2	88.4	164.2
98	56.0	44.0	81.6



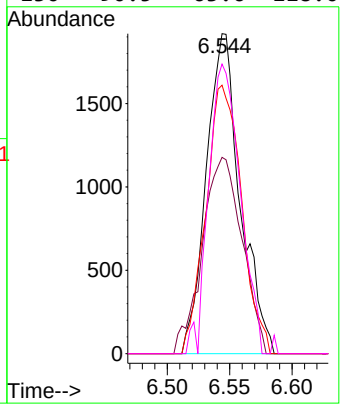


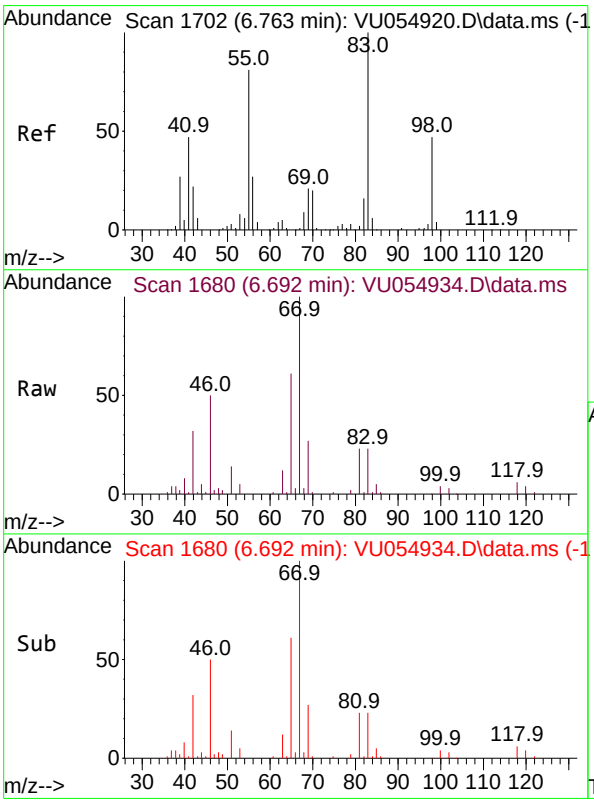
#34
Trichloroethene
Concen: 0.318 ug/L
RT: 6.544 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 3631

Ion	Ratio	Lower	Upper
95	100		
97	61.3	44.1	81.9
132	83.9	63.6	118.2
130	90.5	63.6	118.0

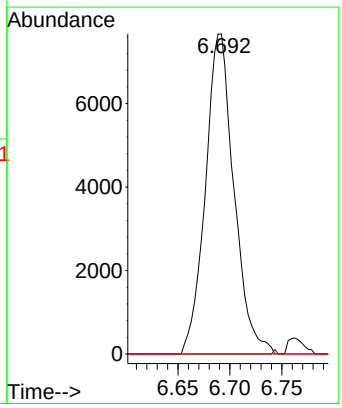


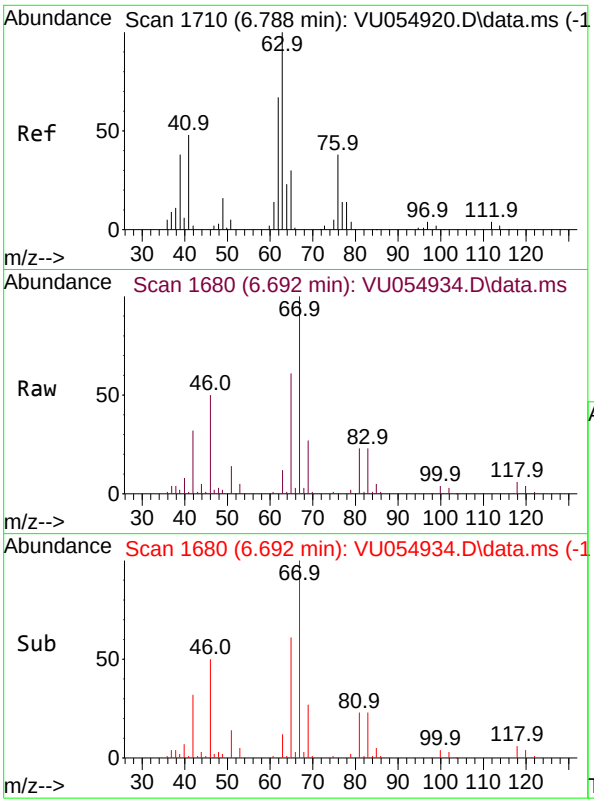


#35
Methylcyclohexane
Concen: 0.868 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.071 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Tgt Ion: 83 Resp: 14639

Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.1	93.1#
98	0.3	37.8	56.6#



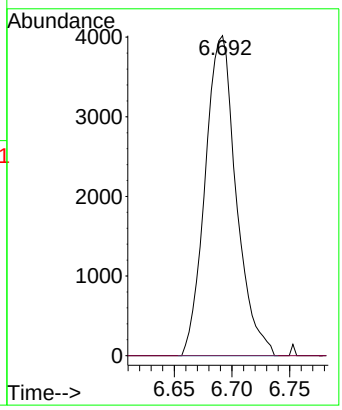


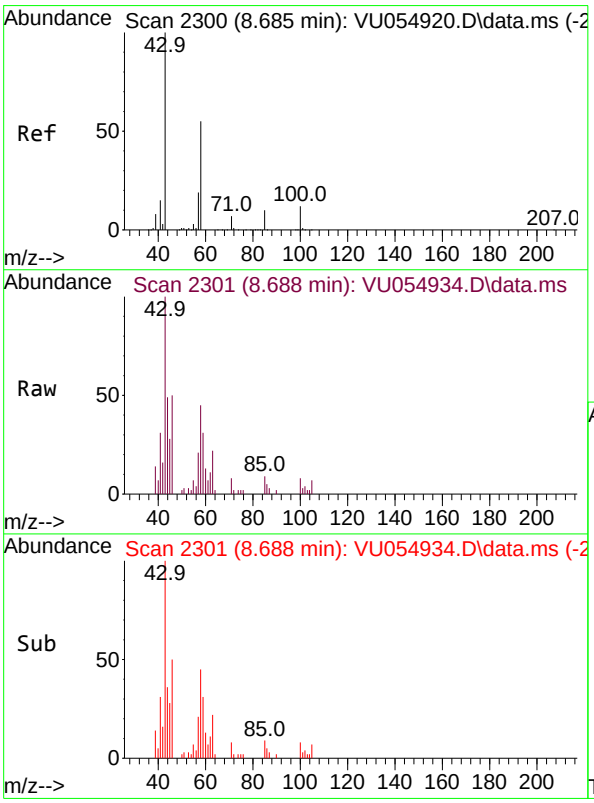
#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.692 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7534

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

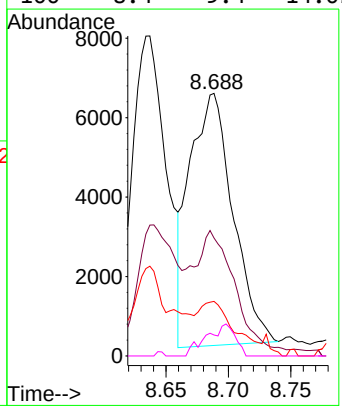


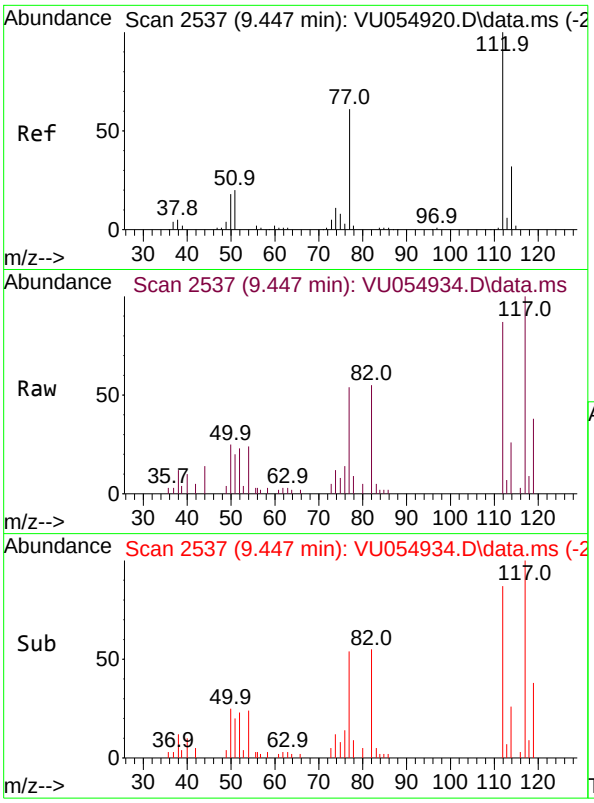


#48
2-Hexanone
Concen: 3.247 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Tgt Ion: 43 Resp: 15377

Ion	Ratio	Lower	Upper
43	100		
58	37.9	44.0	66.0#
57	11.2	15.9	23.9#
100	8.4	9.4	14.0#



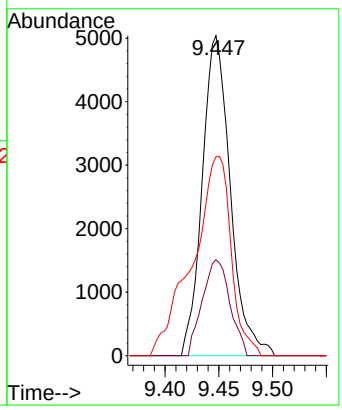


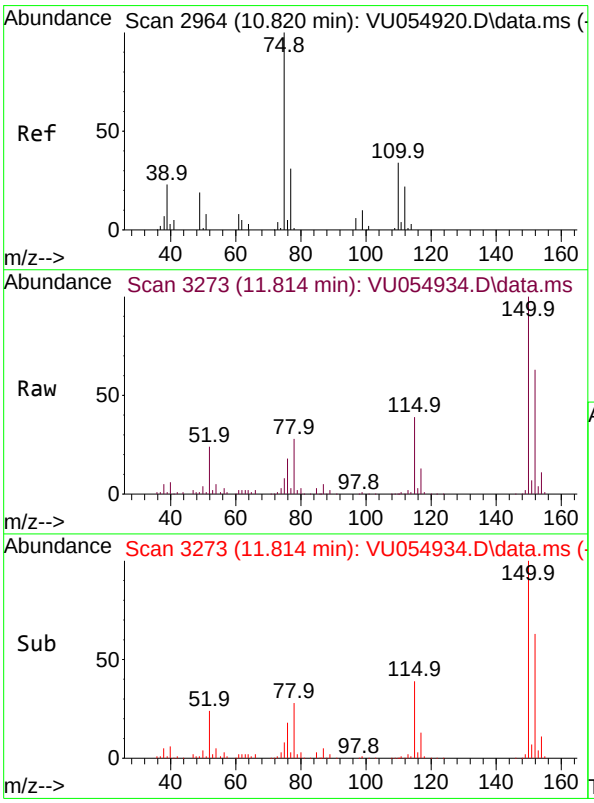
#51
Chlorobenzene
Concen: 0.308 ug/L
RT: 9.447 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 9159

Ion	Ratio	Lower	Upper
112	100		
114	27.8	23.4	43.4
77	57.7	49.3	73.9





#61
1,2,3-Trichloropropane
Concen: 1.916 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.993 min
Lab File: VU054934.D
Acq: 28 Aug 2023 19:27

Tgt Ion: 75 Resp: 12829

Ion	Ratio	Lower	Upper
75	100		
110	2.9	29.0	43.6#
77	34.4	26.5	39.7