Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060918.D
Acq On : 20 Sep 2024 01:48
Operator : MD/SY
Sample : P3987-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 20 05:56:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	128339	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56135	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32589	2.823	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	56.400%		
7) Chloroethane-d5	1.911	69	29282	3.563	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	71.200%		
11) 1,1-Dichloroethene-d2	2.560	65	13308	3.253	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	65.000%		
20) 2-Butanone-d5	4.631	46	65330	35.254	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	70.500%		
24) Chloroform-d	5.055	84	74871	4.243	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.800%		
26) 1,2-Dichloroethane-d4	5.695	65	39016	4.626	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.600%		
32) Benzene-d6	5.721	84	133288	3.703	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	74.000%		
36) 1,2-Dichloropropane-d6	6.682	67	44875	4.029	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	80.600%		
41) Toluene-d8	7.891	98	108549	3.307	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	66.200%#		
43) trans-1,3-Dichloroprop...	8.177	79	14095	3.516	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	70.400%		
46) 2-Hexanone-d5	8.627	63	63086	39.891	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	79.780%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39563	4.534	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	90.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	42723	4.529	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	90.600%		
Target Compounds						Qvalue
3) Chloromethane	1.509	50	1645	0.161	ug/L #	53
5) Vinyl chloride	1.602	62	20557	1.856	ug/L #	1
8) Chloroethane	1.930	64	41605	6.148	ug/L	94
13) Acetone	2.653	43	5415	4.380	ug/L	75
14) Carbon disulfide	2.788	76	9596	0.428	ug/L #	94
15) Methyl Acetate	2.956	43	5410	1.795	ug/L #	77
17) Methyl tert-butyl Ether	3.358	73	15560	0.853	ug/L	97
19) 1,1-Dichloroethane	3.862	63	27299	1.625	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	28530	3.082	ug/L	93
35) Methylcyclohexane	6.682	83	11413	0.859	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	4776	0.469	ug/L #	93
42) Toluene	7.968	91	5771	0.149	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	5504	1.051	ug/L #	69

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

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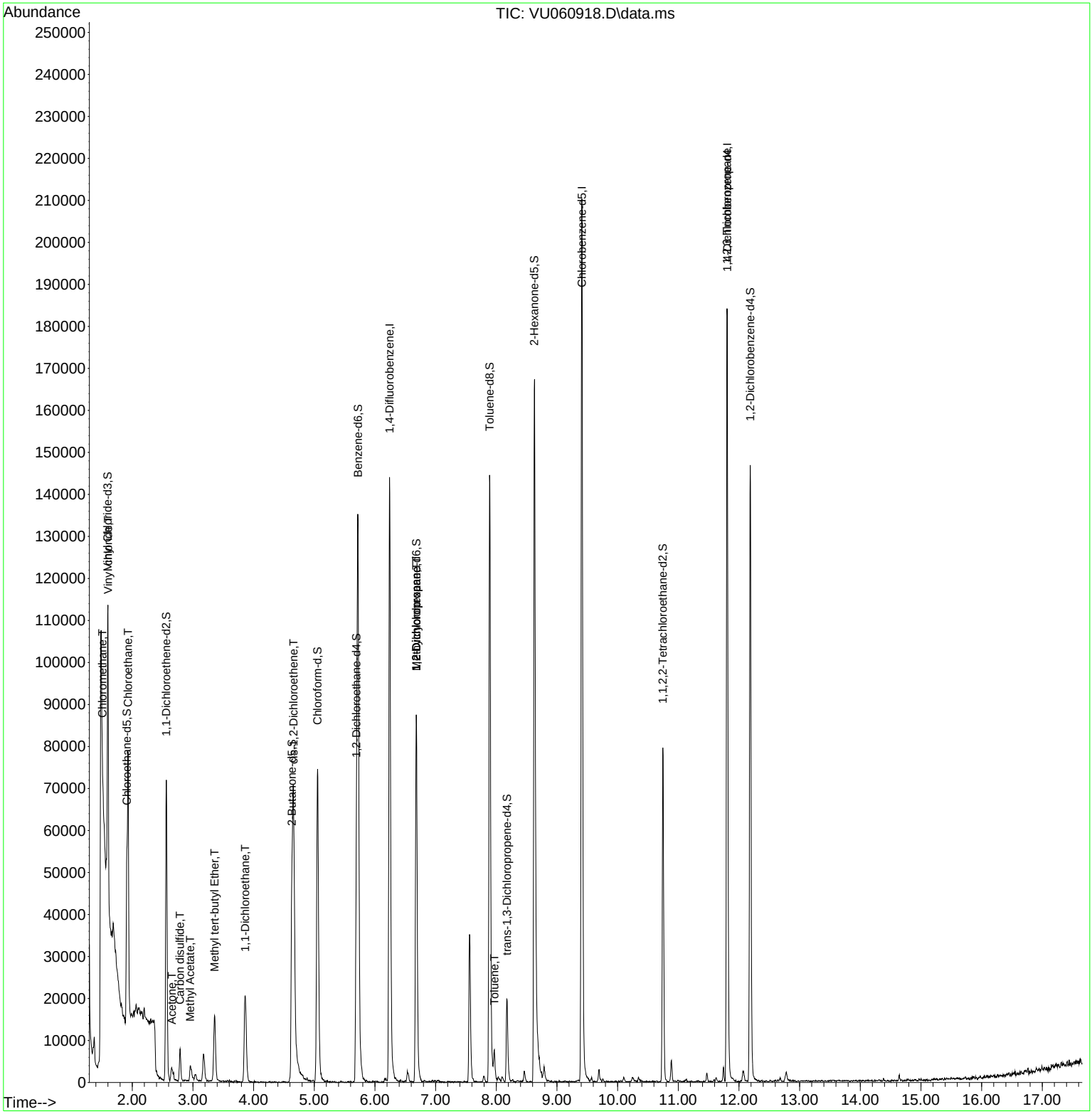
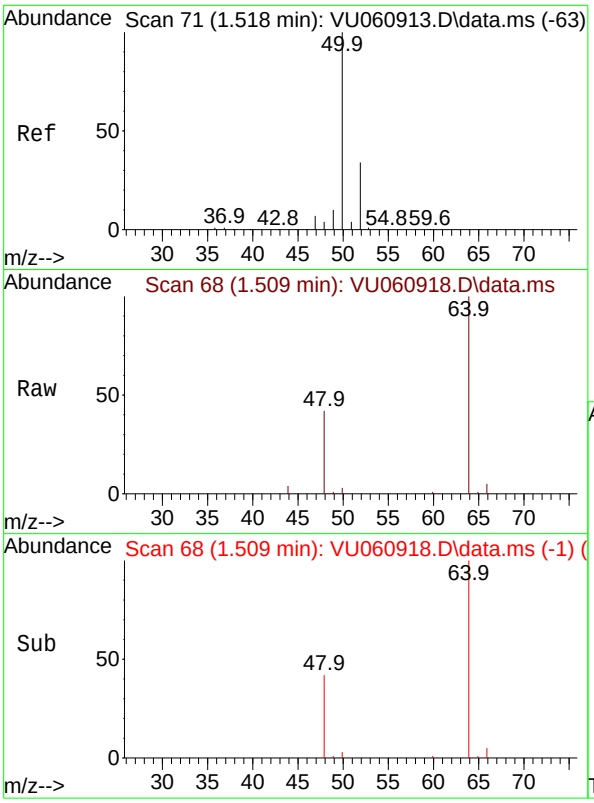
Quant Time: Sep 20 05:56:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
Response via : Initial Calibration



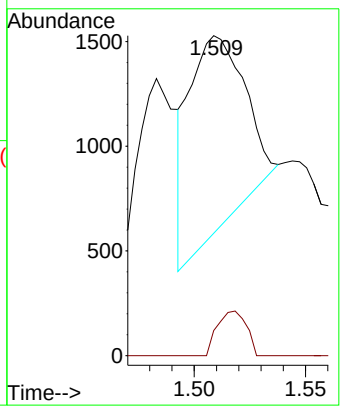


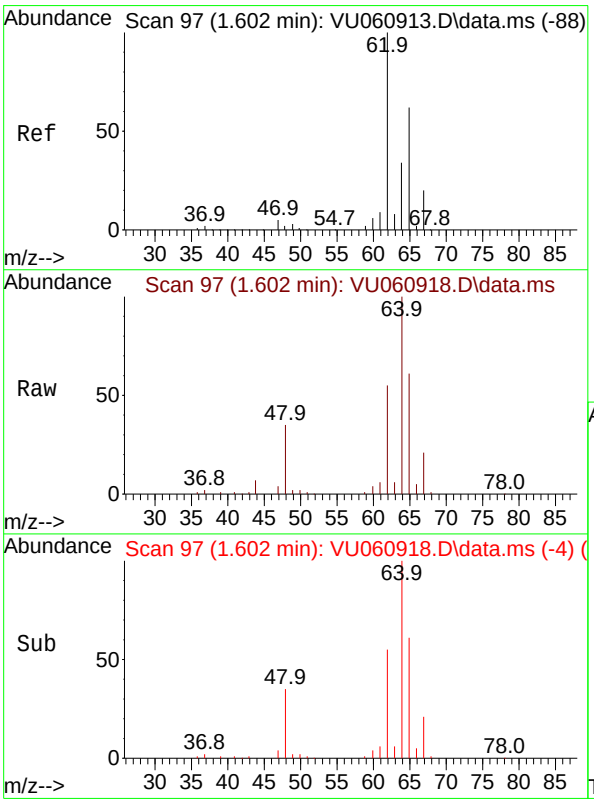
#3
Chloromethane
Concen: 0.161 ug/L
RT: 1.509 min Scan# 6
Delta R.T. -0.010 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 1645

Ion	Ratio	Lower	Upper
50	100		
52	7.9	24.4	45.4#

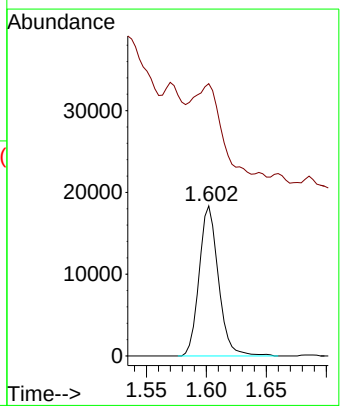


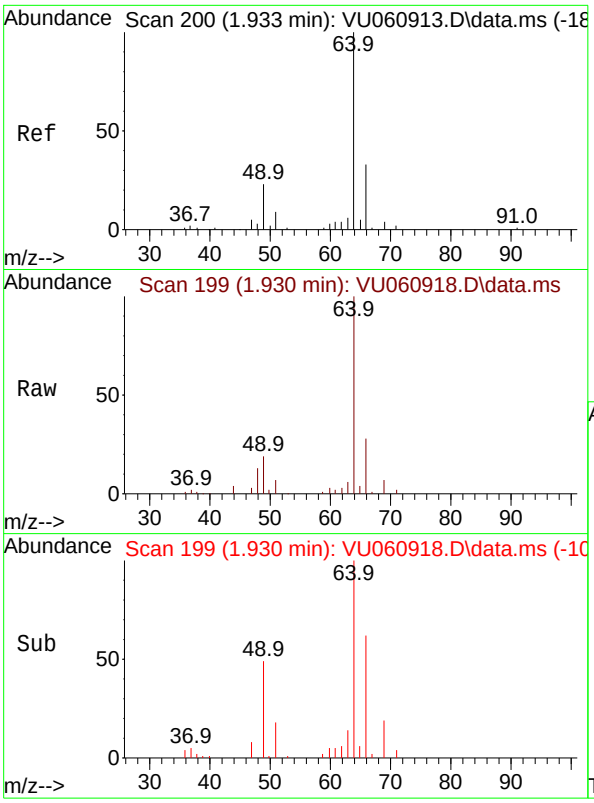


#5
Vinyl chloride
Concen: 1.856 ug/L
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Tgt Ion: 62 Resp: 20557

Ion	Ratio	Lower	Upper
62	100		
64	181.6	24.0	44.6#



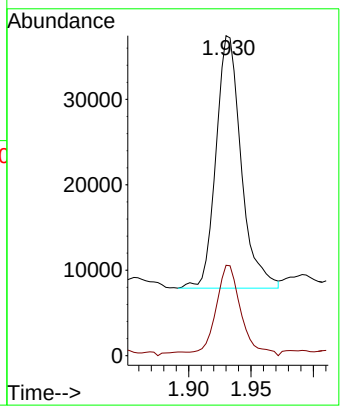


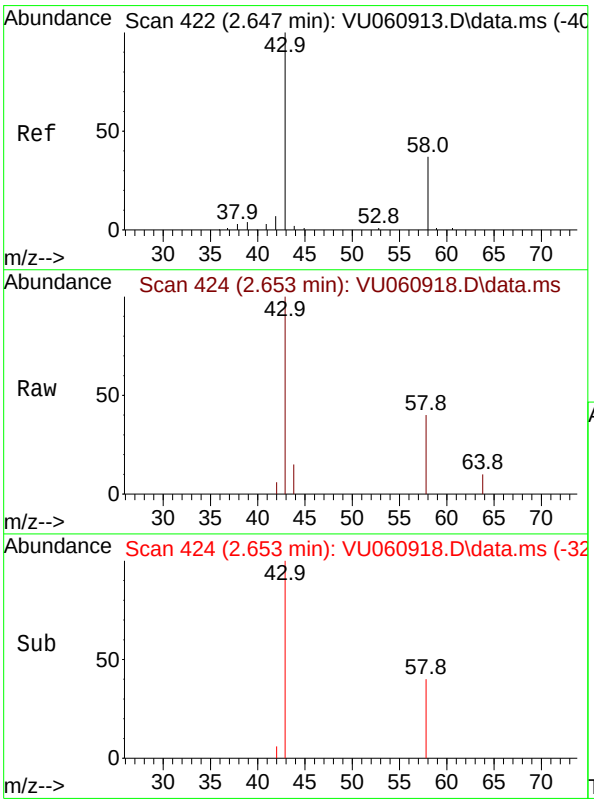
#8
Chloroethane
Concen: 6.148 ug/L
RT: 1.930 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 41605

Ion	Ratio	Lower	Upper
64	100		
66	28.3	22.3	41.3

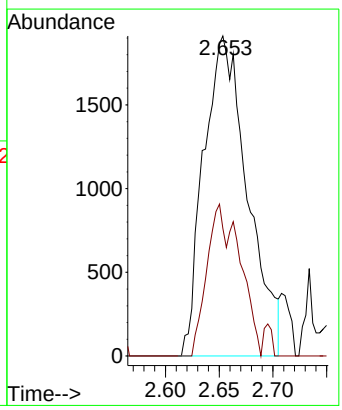


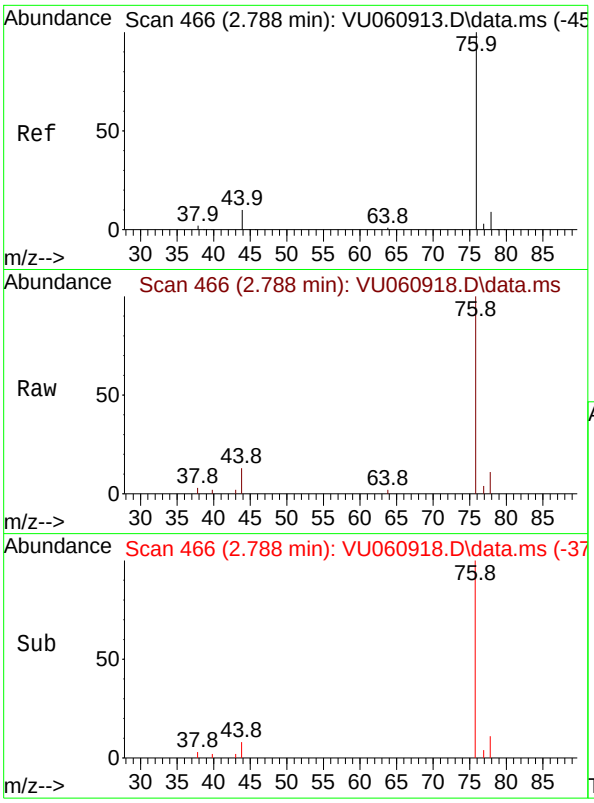


#13
Acetone
Concen: 4.380 ug/L
RT: 2.653 min Scan# 424
Delta R.T. 0.006 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Tgt Ion: 43 Resp: 5415

Ion	Ratio	Lower	Upper
43	100		
58	20.3	0.0	69.6



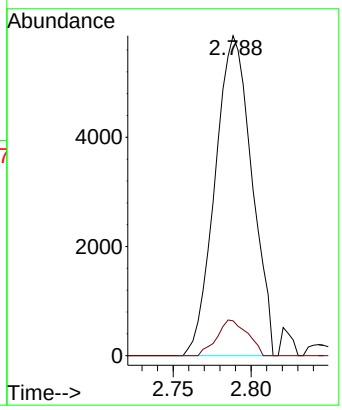


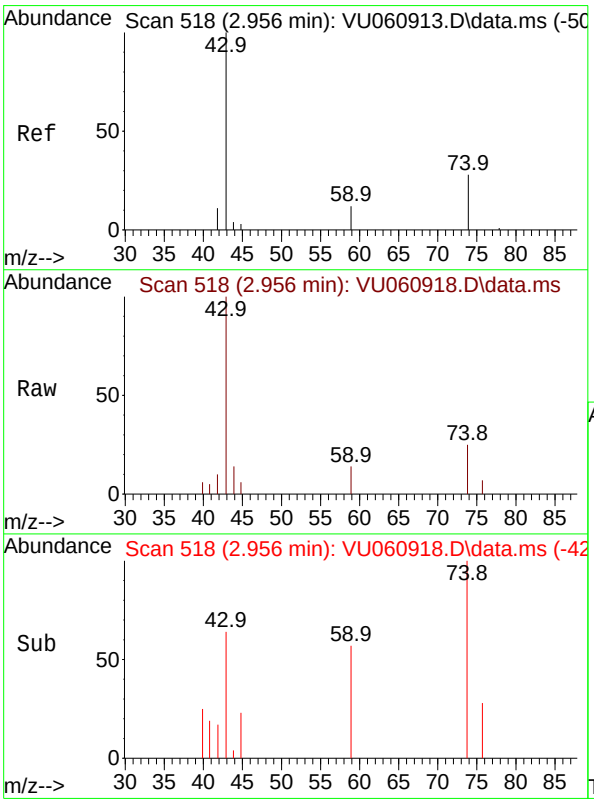
#14
Carbon disulfide
Concen: 0.428 ug/L
RT: 2.788 min Scan# 4
Delta R.T. -0.000 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 9596

Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.1	10.7#

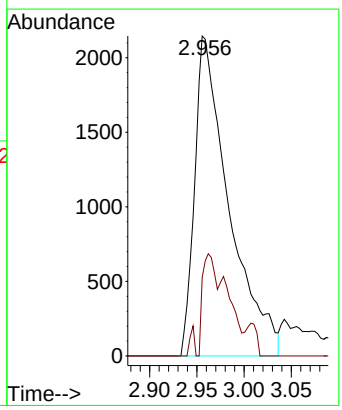


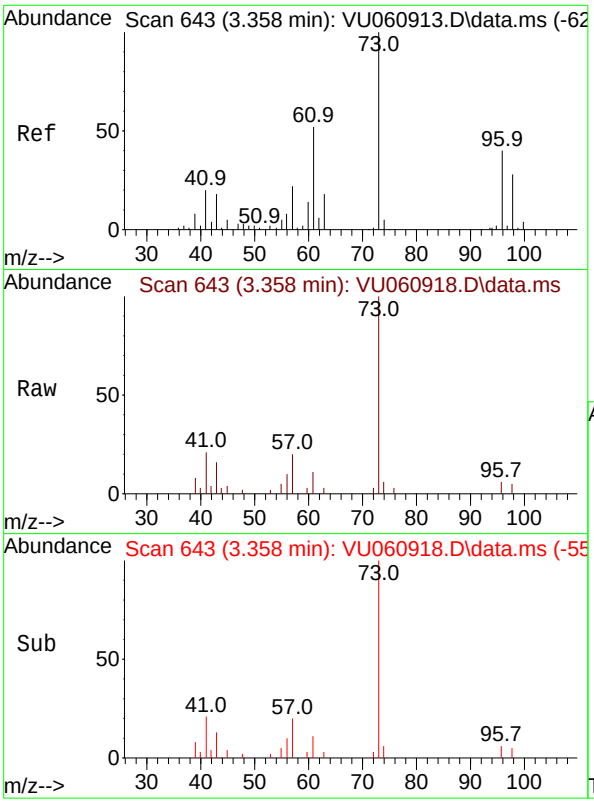


#15
Methyl Acetate
Concen: 1.795 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Tgt Ion: 43 Resp: 5410

Ion	Ratio	Lower	Upper
43	100		
74	12.5	18.9	28.3#



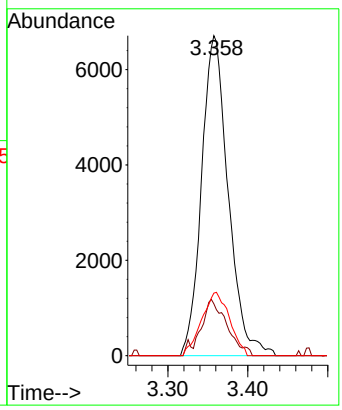


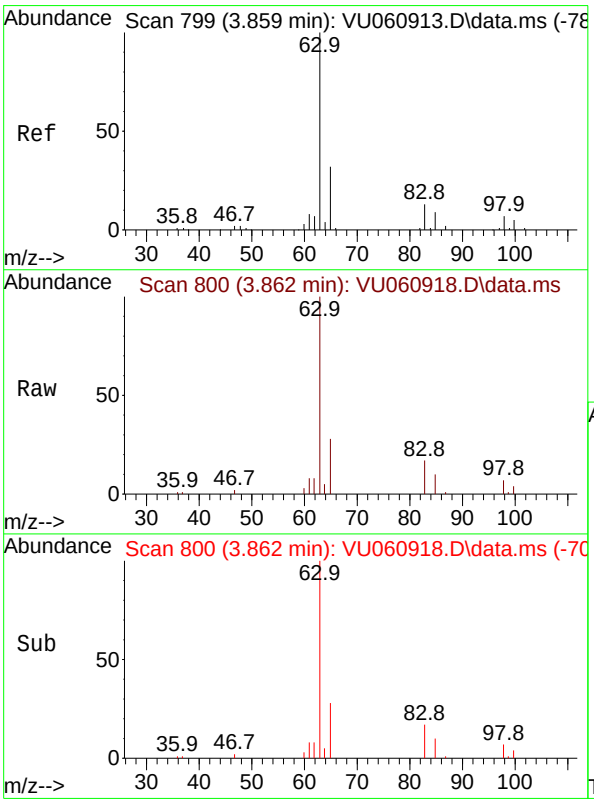
#17
Methyl tert-butyl Ether
Concen: 0.853 ug/L
RT: 3.358 min Scan# 6
Delta R.T. -0.000 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 15560

Ion	Ratio	Lower	Upper
73	100		
43	16.2	13.8	20.8
57	20.6	18.0	27.0

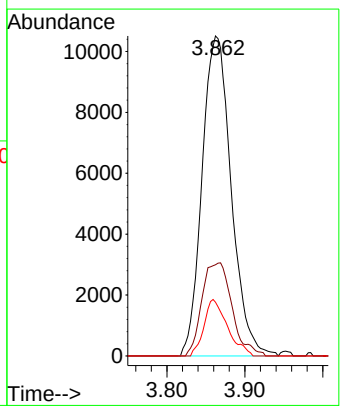


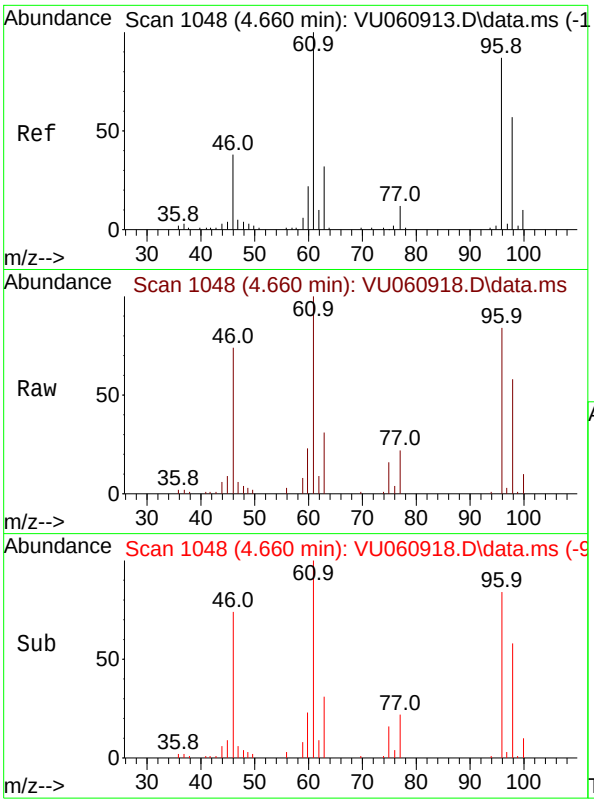


#19
1,1-Dichloroethane
Concen: 1.625 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Tgt Ion: 63 Resp: 27299

Ion	Ratio	Lower	Upper
63	100		
65	27.1	23.0	42.8
83	16.0	9.0	16.6



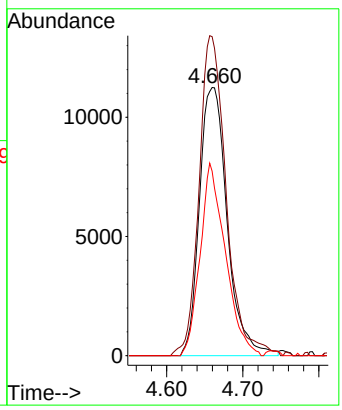


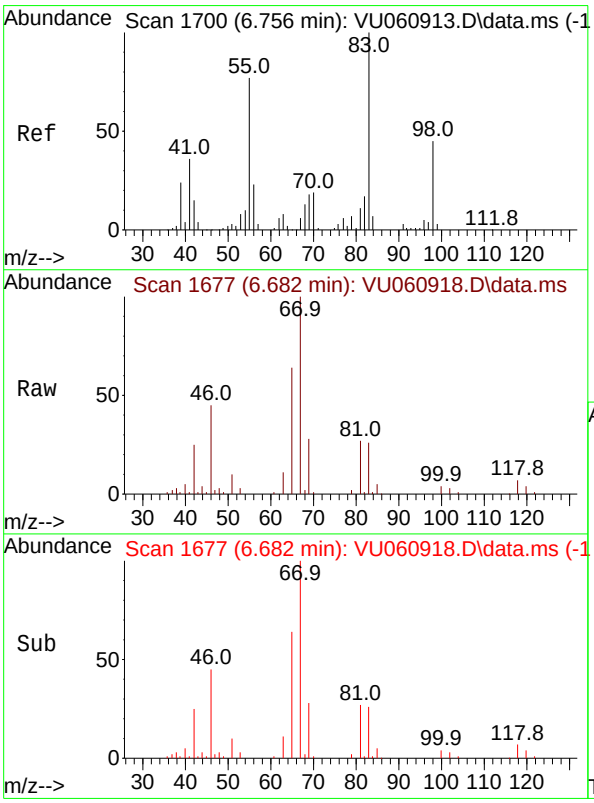
#22
cis-1,2-Dichloroethene
Concen: 3.082 ug/L
RT: 4.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 28530

Ion	Ratio	Lower	Upper
96	100		
61	119.0	89.7	166.5
98	68.8	45.1	83.9

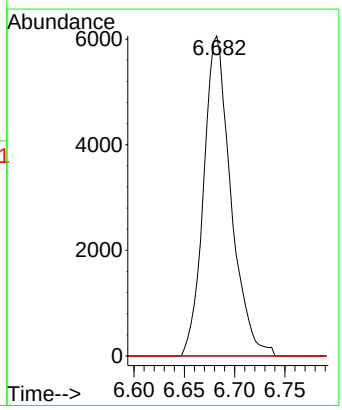


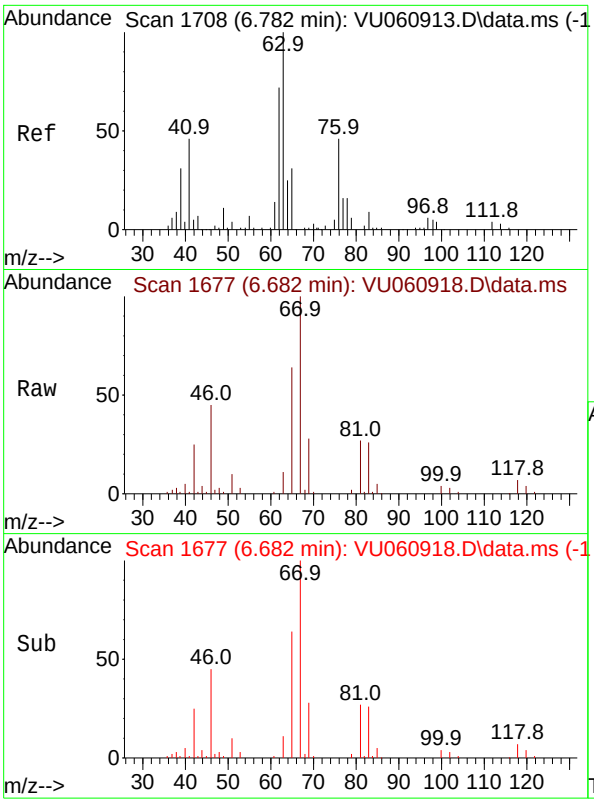


#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Tgt Ion: 83 Resp: 11413

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.0	37.6	56.4#



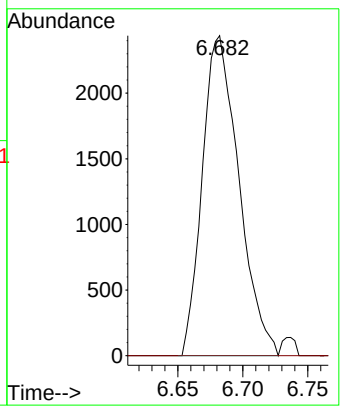


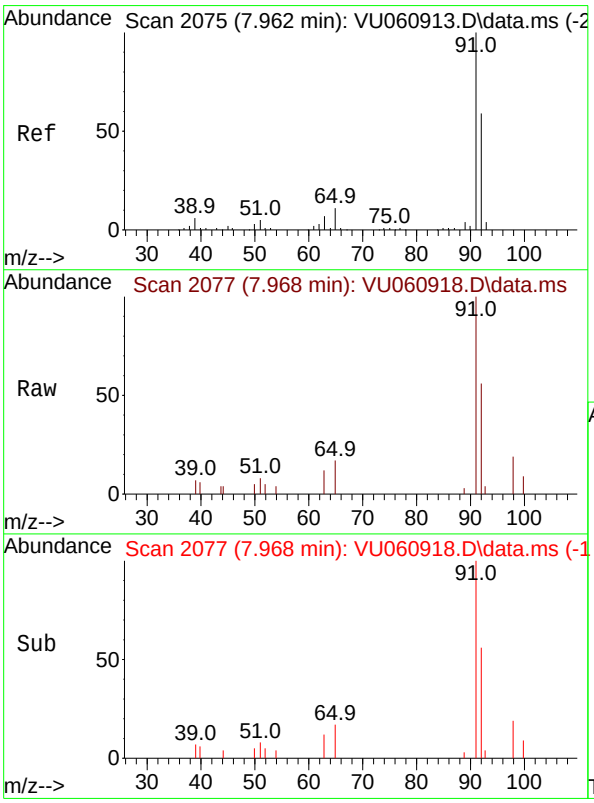
#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4776

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.0	3.0#

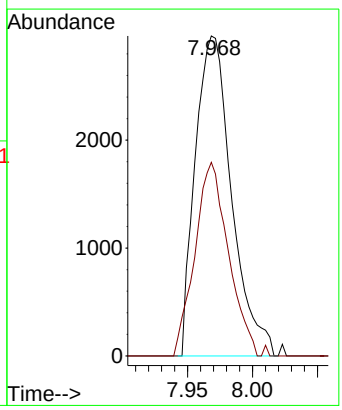


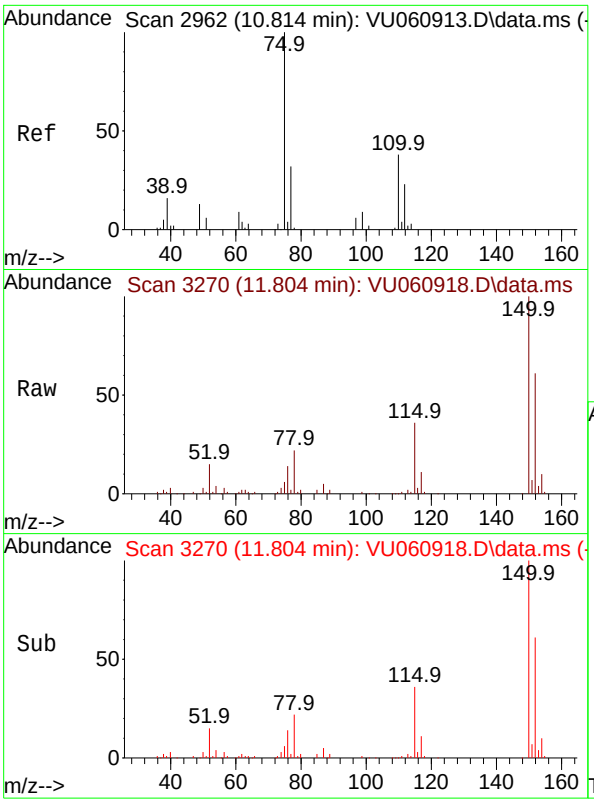


#42
Toluene
Concen: 0.149 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Tgt Ion: 91 Resp: 5771

Ion	Ratio	Lower	Upper
91	100		
92	60.5	40.5	75.3





#61
1,2,3-Trichloropropane
Concen: 1.051 ug/L
RT: 11.804 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU060918.D
Acq: 20 Sep 2024 01:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 5504

Ion	Ratio	Lower	Upper
75	100		
110	2.4	28.6	43.0#
77	35.1	26.3	39.5