Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060909.D
Acq On : 19 Sep 2024 19:32
Operator : MD/SY
Sample : P3987-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 20 00:00:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 23:54:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	130840	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	138520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44052	3.743	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.800%			
7) Chloroethane-d5	1.911	69	36507	4.357	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.200%			
11) 1,1-Dichloroethene-d2	2.560	65	18399	4.411	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.200%			
20) 2-Butanone-d5	4.628	46	73004	38.642	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.280%			
24) Chloroform-d	5.055	84	80246	4.461	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
26) 1,2-Dichloroethane-d4	5.695	65	39913	4.641	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.800%			
32) Benzene-d6	5.721	84	155559	4.190	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.800%			
36) 1,2-Dichloropropane-d6	6.682	67	50396	4.387	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.800%			
41) Toluene-d8	7.891	98	129292	3.820	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.400%			
43) trans-1,3-Dichloroprop...	8.177	79	13515	3.269	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 65.400%			
46) 2-Hexanone-d5	8.627	63	63357	38.843	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.680%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38450	4.272	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	49005	4.965	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	34526	3.058	ug/L #	1
8) Chloroethane	1.930	64	2819	0.409	ug/L #	54
12) 1,1-Dichloroethene	2.576	96	25631	3.114	ug/L	91
14) Carbon disulfide	2.792	76	3415	0.150	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	1680	0.090	ug/L #	67
18) trans-1,2-Dichloroethene	3.351	96	1395	0.164	ug/L #	78
19) 1,1-Dichloroethane	3.862	63	25707	1.501	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	201446	21.343	ug/L	96
34) Trichloroethene	6.534	95	108052	10.822	ug/L	93
35) Methylcyclohexane	6.685	83	12395	0.905	ug/L #	17
42) Toluene	7.968	91	8449	0.212	ug/L	98
53) m,p-Xylene	9.692	106	2192	0.138	ug/L	93
61) 1,2,3-Trichloropropane	11.801	75	5693	1.039	ug/L #	68

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

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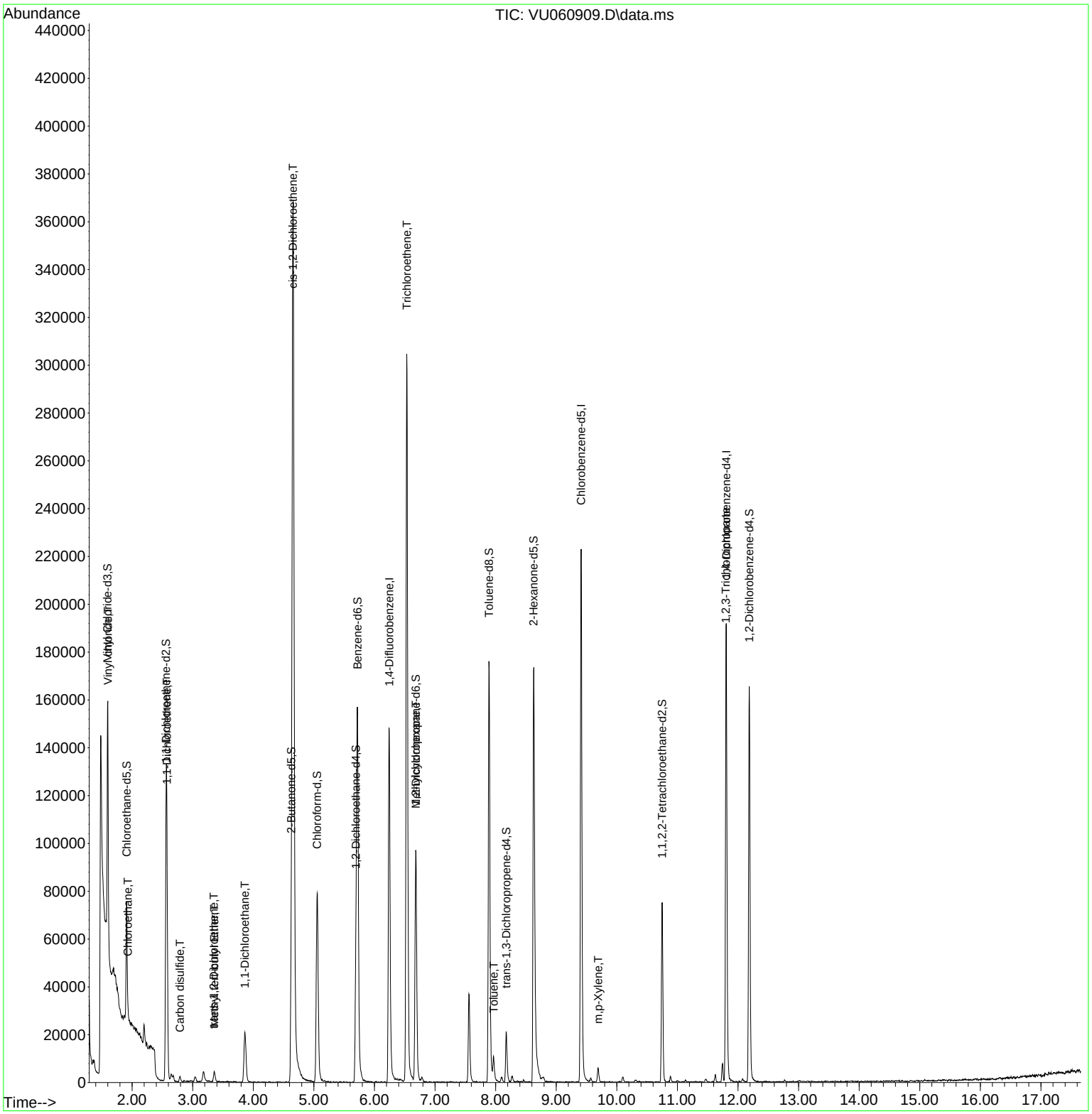
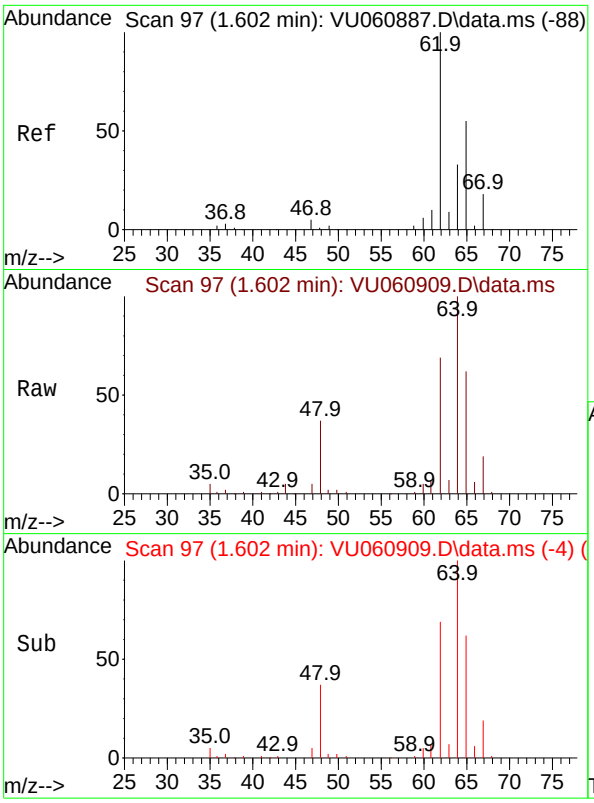
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 20 00:00:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 23:54:48 2024
Response via : Initial Calibration



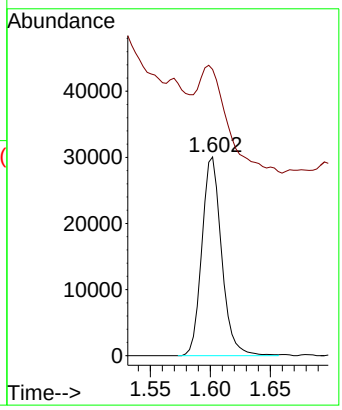


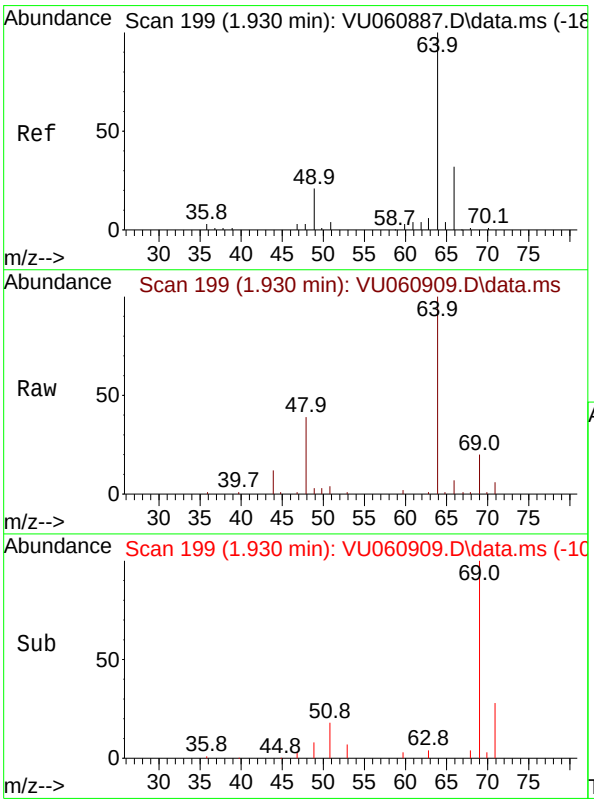
#5
Vinyl chloride
Concen: 3.058 ug/L
RT: 1.602 min Scan# 9
Delta R.T. 0.000 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 34526

Ion	Ratio	Lower	Upper
62	100		
64	144.0	24.0	44.6#

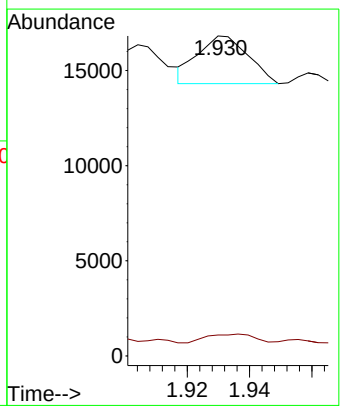


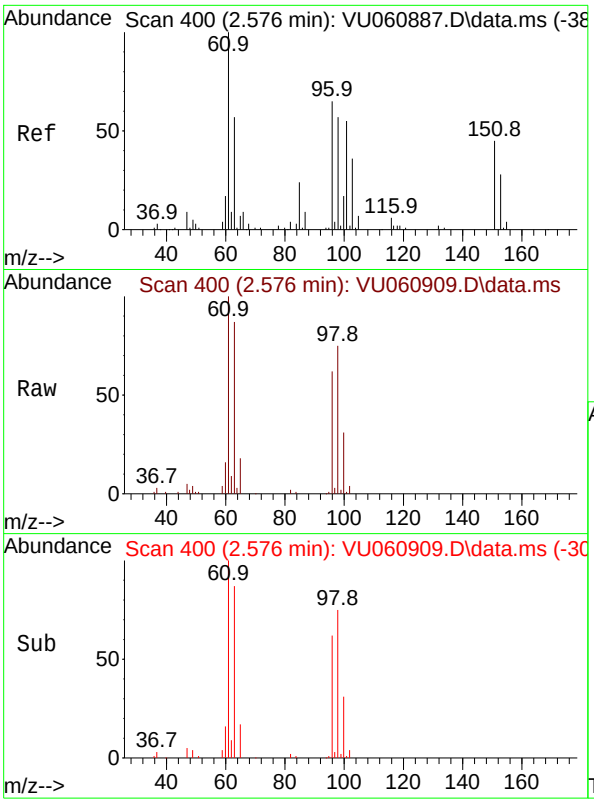


#8
Chloroethane
Concen: 0.409 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Tgt Ion: 64 Resp: 2819

Ion	Ratio	Lower	Upper
64	100		
66	6.4	22.3	41.3#



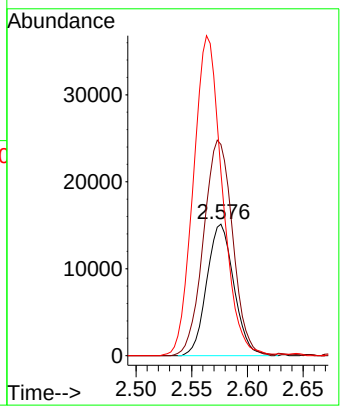


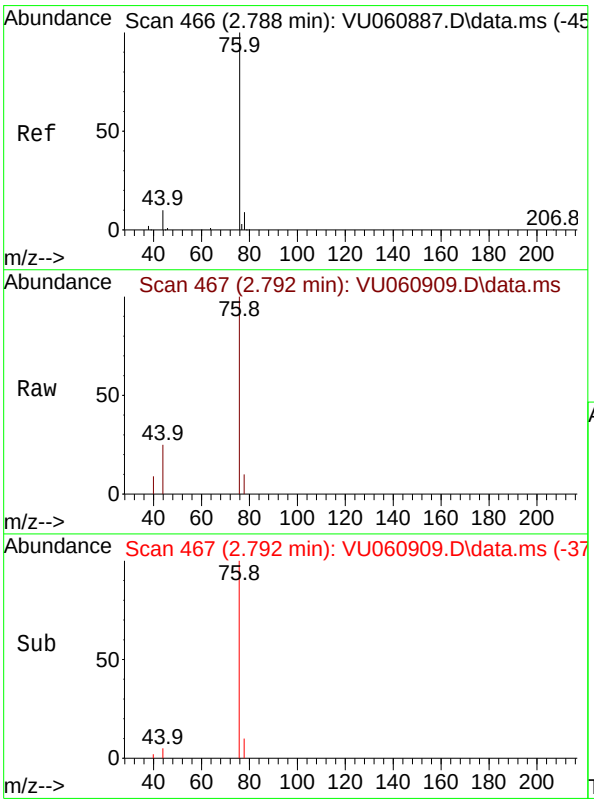
#12
1,1-Dichloroethene
Concen: 3.114 ug/L
RT: 2.576 min Scan# 4(
Delta R.T. 0.000 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 25631

Ion	Ratio	Lower	Upper
96	100		
61	160.7	120.7	224.1
63	139.6	90.0	167.2

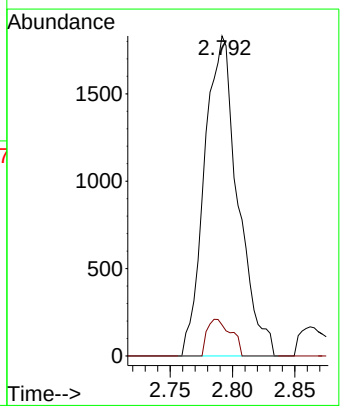


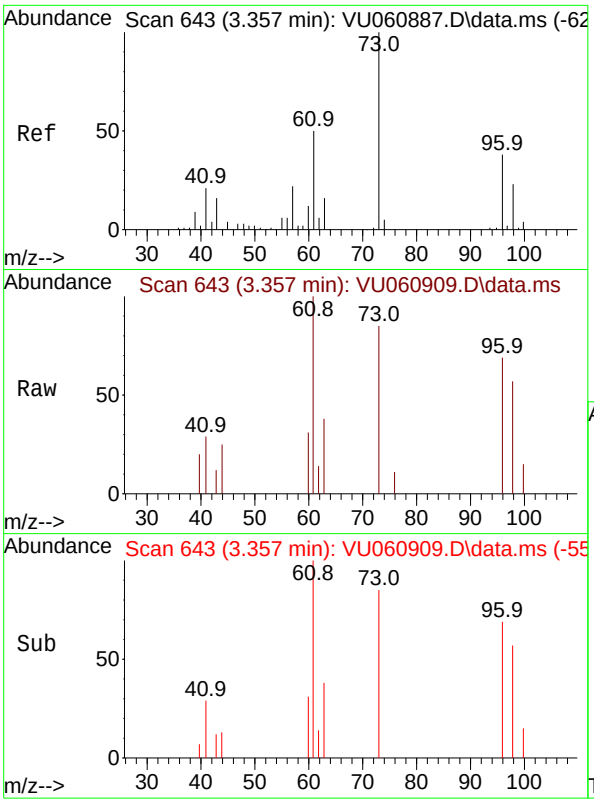


#14
Carbon disulfide
Concen: 0.150 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Tgt Ion: 76 Resp: 3415

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.1	10.7



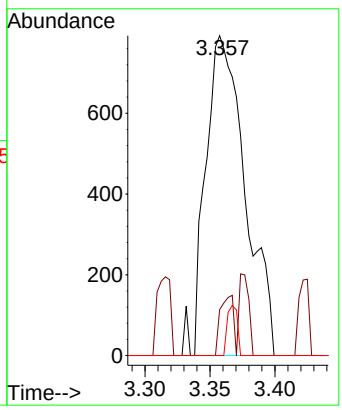


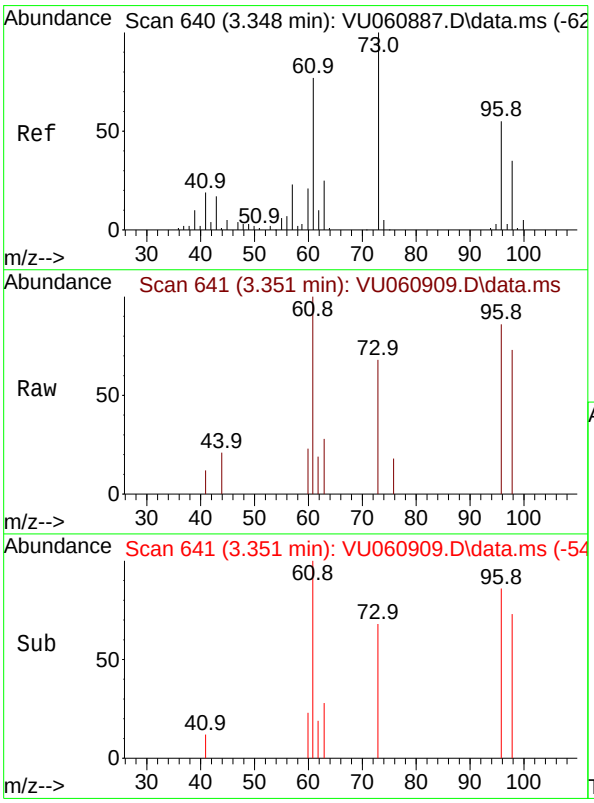
#17
Methyl tert-butyl Ether
Concen: 0.090 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 1680

Ion	Ratio	Lower	Upper
73	100		
43	6.2	13.8	20.8#
57	3.9	18.0	27.0#

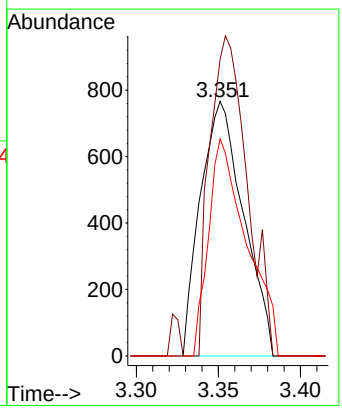


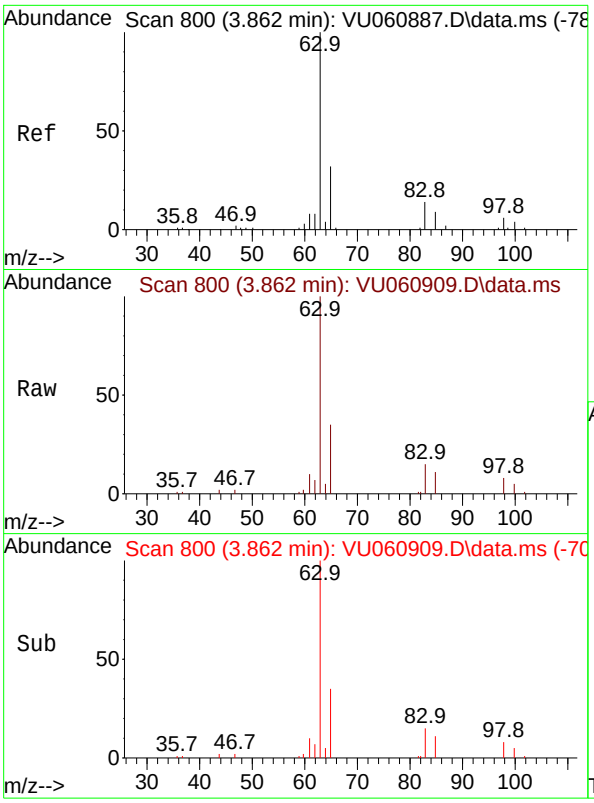


#18
trans-1,2-Dichloroethene
Concen: 0.164 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Tgt Ion: 96 Resp: 1395

Ion	Ratio	Lower	Upper
96	100		
61	116.6	97.2	180.6
98	85.2	43.3	80.5#



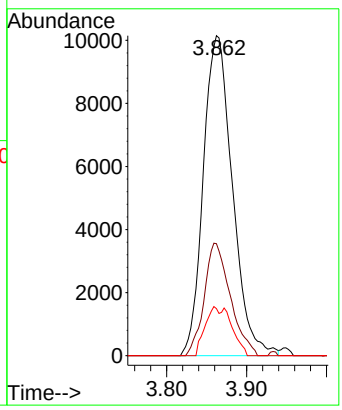


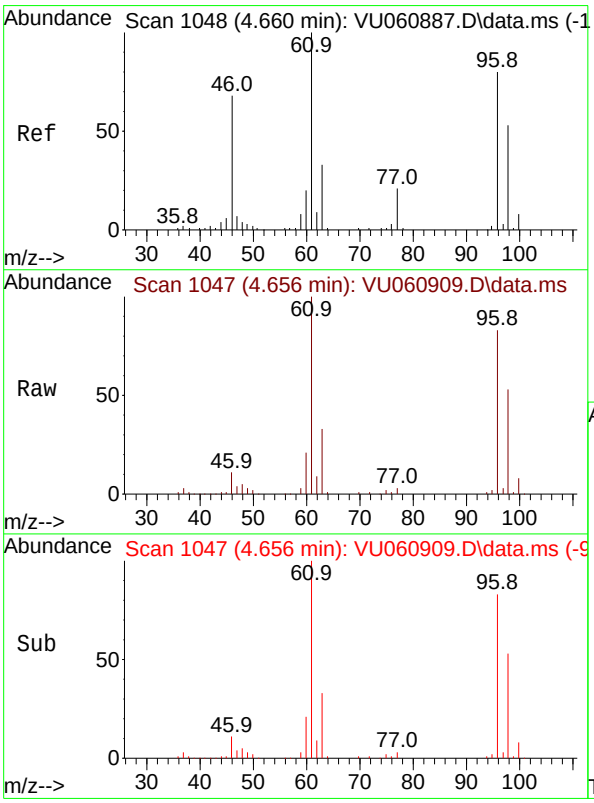
#19
1,1-Dichloroethane
Concen: 1.501 ug/L
RT: 3.862 min Scan# 8
Delta R.T. 0.000 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 25707

Ion	Ratio	Lower	Upper
63	100		
65	35.0	23.0	42.8
83	14.7	9.0	16.6

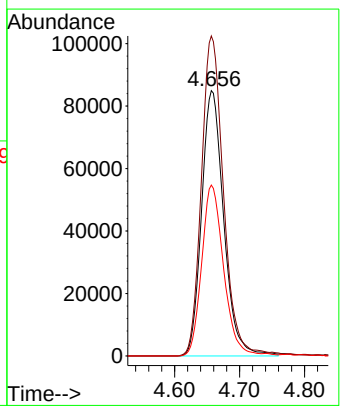


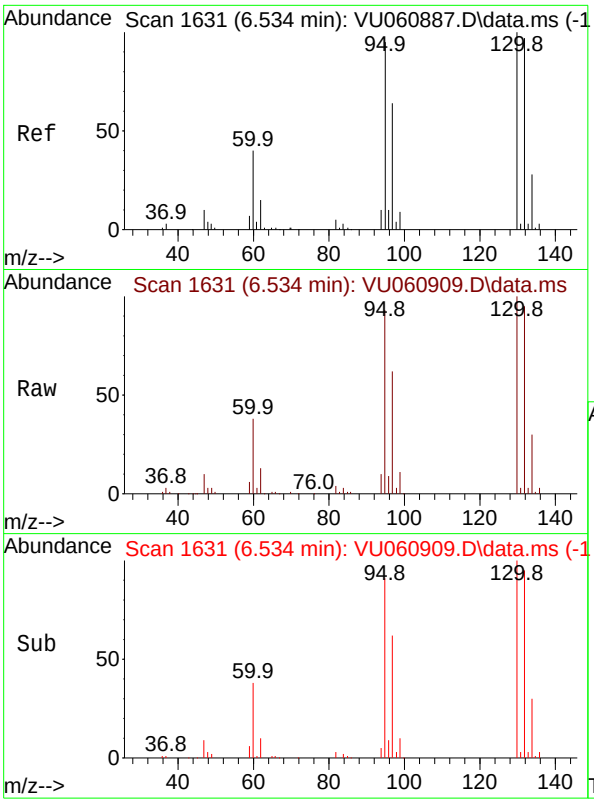


#22
cis-1,2-Dichloroethene
Concen: 21.343 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Tgt Ion: 96 Resp: 201446

Ion	Ratio	Lower	Upper
96	100		
61	120.6	89.7	166.5
98	64.4	45.1	83.9



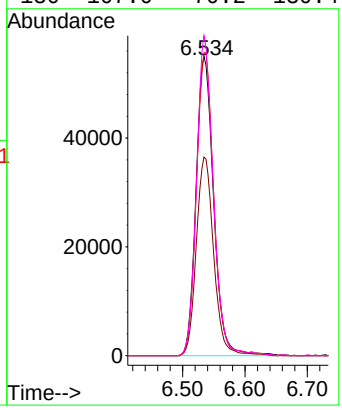


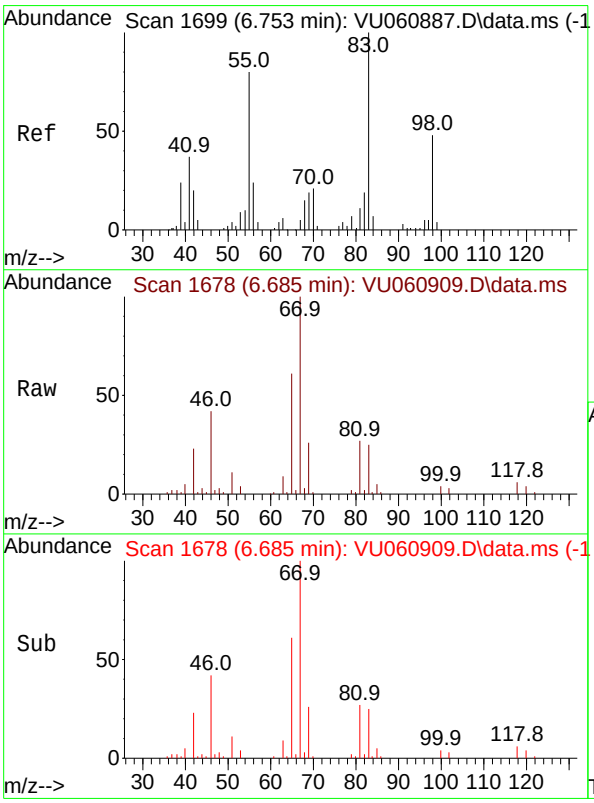
#34
Trichloroethene
Concen: 10.822 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 108052

Ion	Ratio	Lower	Upper
95	100		
97	66.4	44.9	83.5
132	101.3	63.5	117.9
130	107.0	70.2	130.4

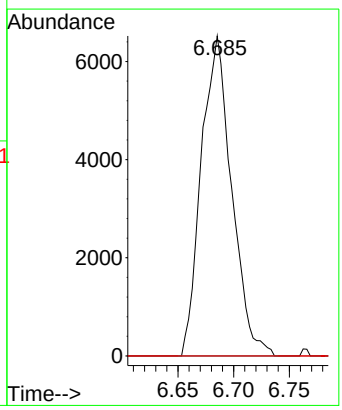


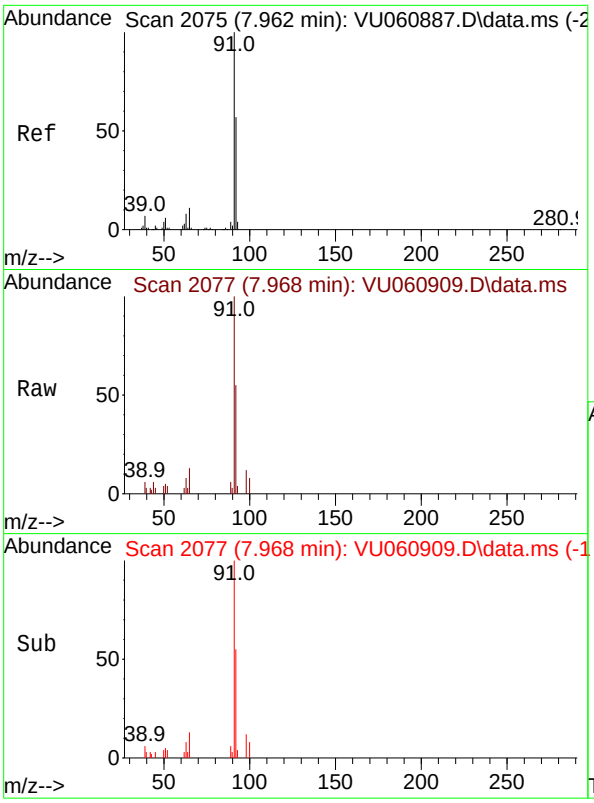


#35
Methylcyclohexane
Concen: 0.905 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.068 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Tgt Ion: 83 Resp: 12395

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



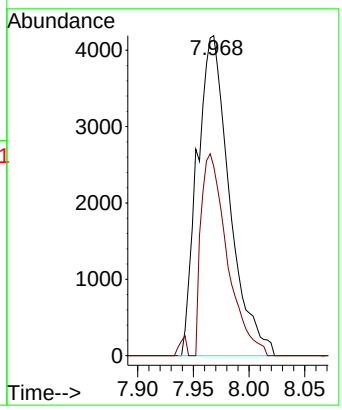


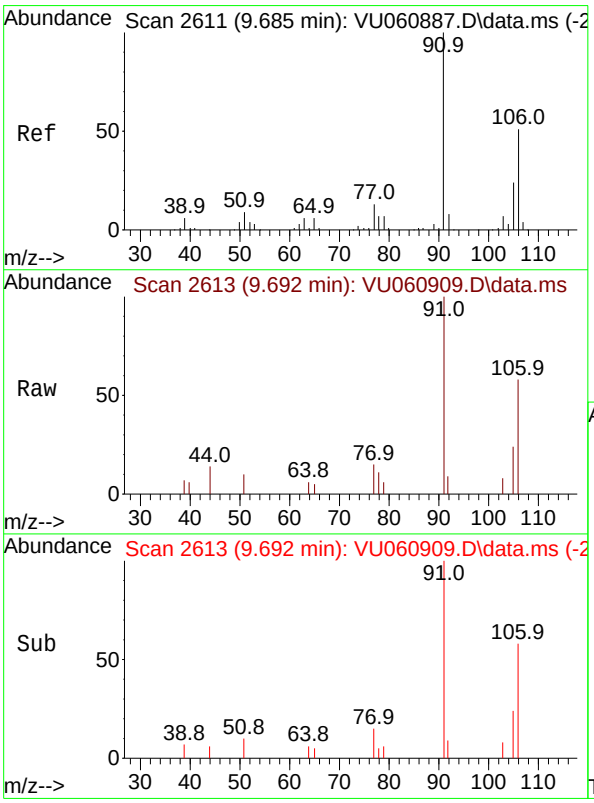
#42
Toluene
Concen: 0.212 ug/L
RT: 7.968 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 8449

Ion	Ratio	Lower	Upper
91	100		
92	59.2	40.5	75.3

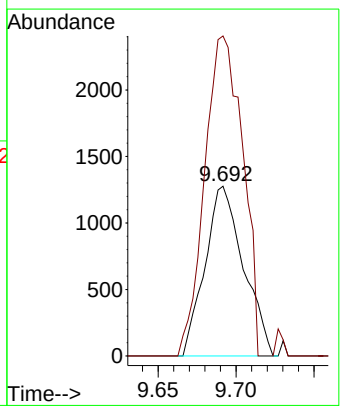


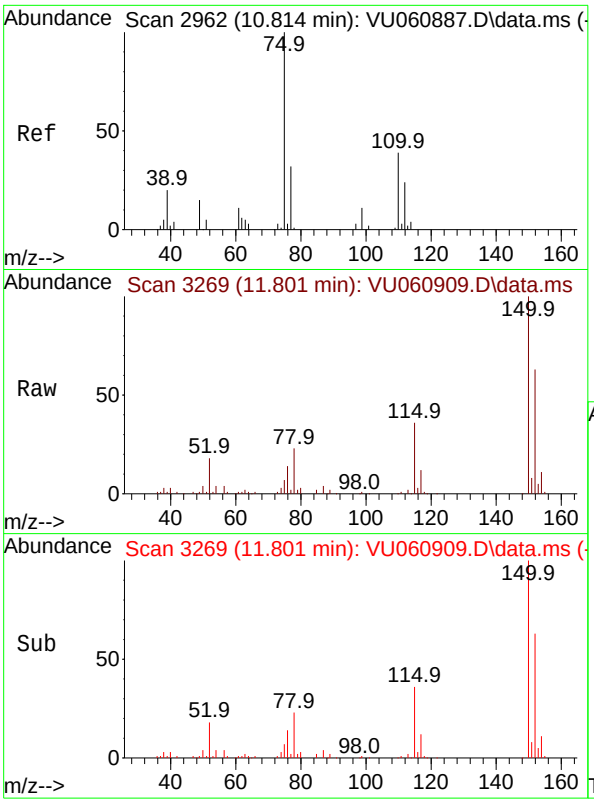


#53
m,p-Xylene
Concen: 0.138 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Tgt Ion:106 Resp: 2192

Ion	Ratio	Lower	Upper
106	100		
91	188.6	139.7	259.4





#61
1,2,3-Trichloropropane
Concen: 1.039 ug/L
RT: 11.801 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU060909.D
Acq: 19 Sep 2024 19:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 5693

Ion	Ratio	Lower	Upper
75	100		
110	0.3	28.6	43.0#
77	33.0	26.3	39.5