Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
Data File : VU060868.D
Acq On : 18 Sep 2024 14:25
Operator : MD/SY
Sample : P3973-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 19 05:14:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	148217	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154972	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44676	3.351	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.000%			
7) Chloroethane-d5	1.911	69	36495	3.845	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.800%			
11) 1,1-Dichloroethene-d2	2.563	65	16730	3.541	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.800%			
20) 2-Butanone-d5	4.637	46	91658	42.828	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.660%			
24) Chloroform-d	5.055	84	80740	3.962	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.200%			
26) 1,2-Dichloroethane-d4	5.695	65	41328	4.243	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
32) Benzene-d6	5.721	84	161728	3.894	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.800%			
36) 1,2-Dichloropropane-d6	6.682	67	54268	4.223	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.400%			
41) Toluene-d8	7.891	98	137830	3.640	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.800%			
43) trans-1,3-Dichloroprop...	8.177	79	18112	3.915	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.400%			
46) 2-Hexanone-d5	8.630	63	74726	40.950	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.900%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	42390	4.210	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	51539	4.632	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.600%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2336	0.198	ug/L	94
8) Chloroethane	1.930	64	1897	0.243	ug/L	85
35) Methylcyclohexane	6.685	83	11542	0.753	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	4995	0.425	ug/L #	93
42) Toluene	7.968	91	16760	0.376	ug/L	91
53) m,p-Xylene	9.692	106	2268	0.128	ug/L	97
54) o-Xylene	10.100	106	1827	0.104	ug/L	76
61) 1,2,3-Trichloropropane	11.807	75	6960	1.127	ug/L #	66
63) 1,2,4-Trimethylbenzene	11.466	105	4098	0.136	ug/L	100
71) Naphthalene	14.090	128	20624	1.504	ug/L	99

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

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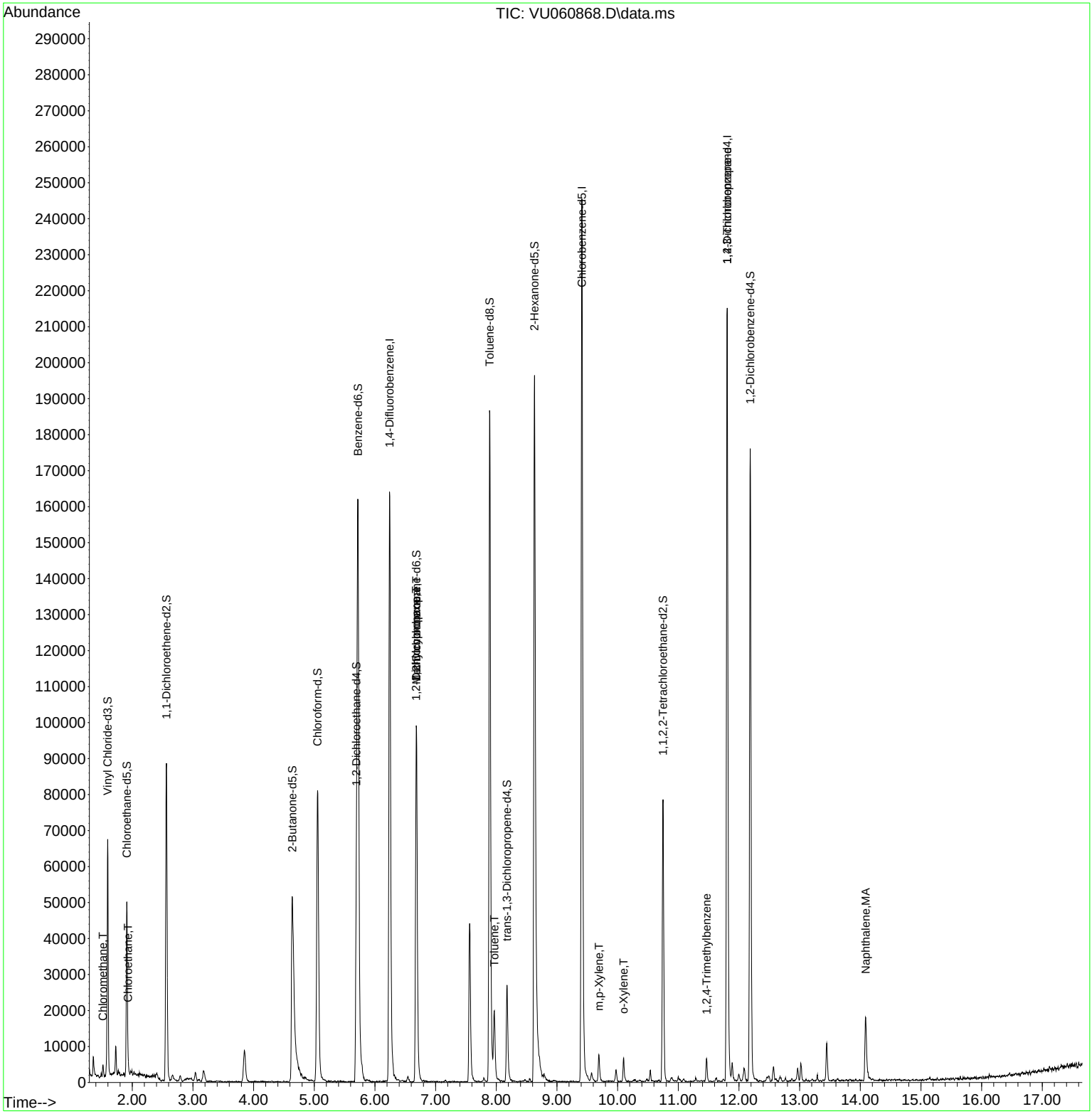
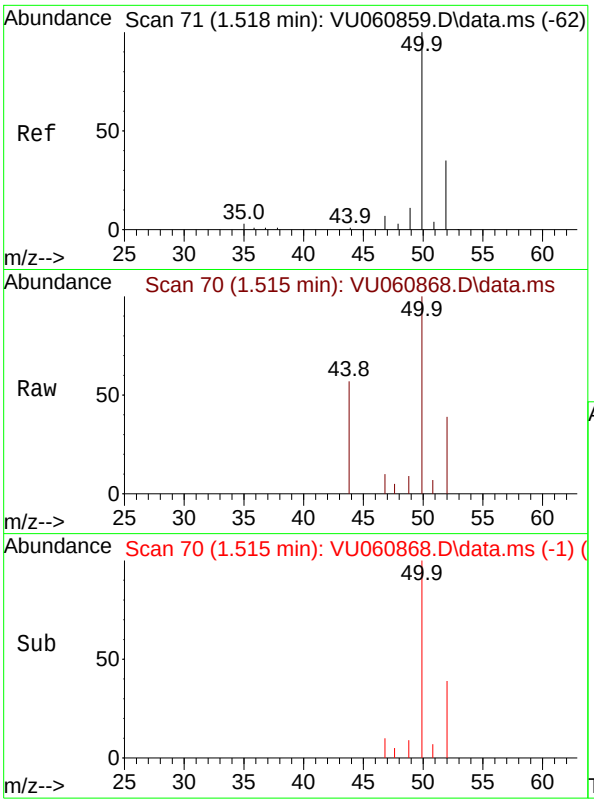
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 19 05:14:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
Response via : Initial Calibration



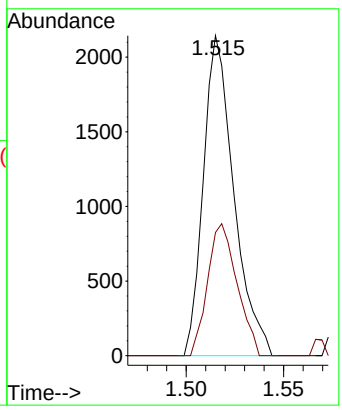


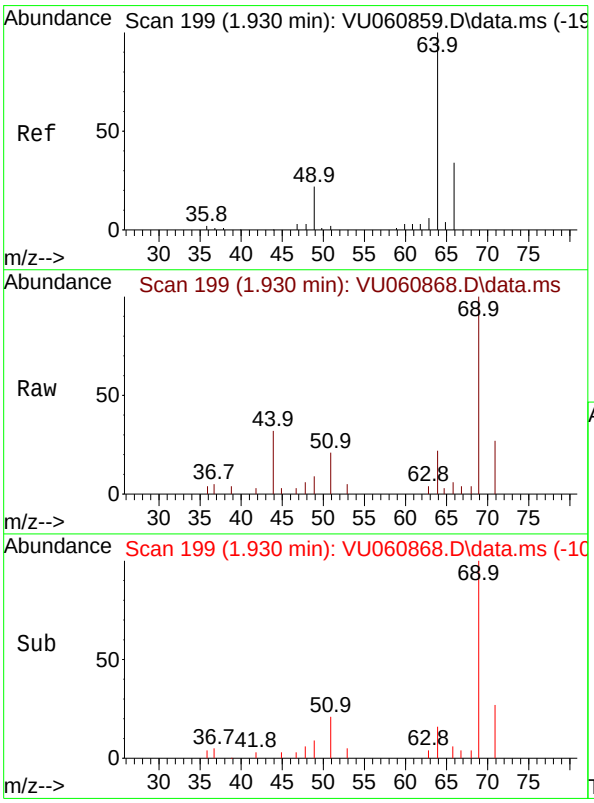
#3
Chloromethane
Concen: 0.198 ug/L
RT: 1.515 min Scan# 7(
Delta R.T. -0.003 min
Lab File: VU060868.D
Acq: 18 Sep 2024 14:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 2336

Ion	Ratio	Lower	Upper
50	100		
52	38.5	24.4	45.4

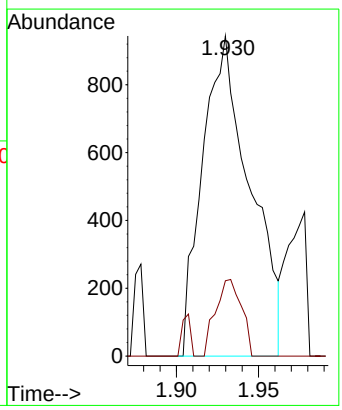


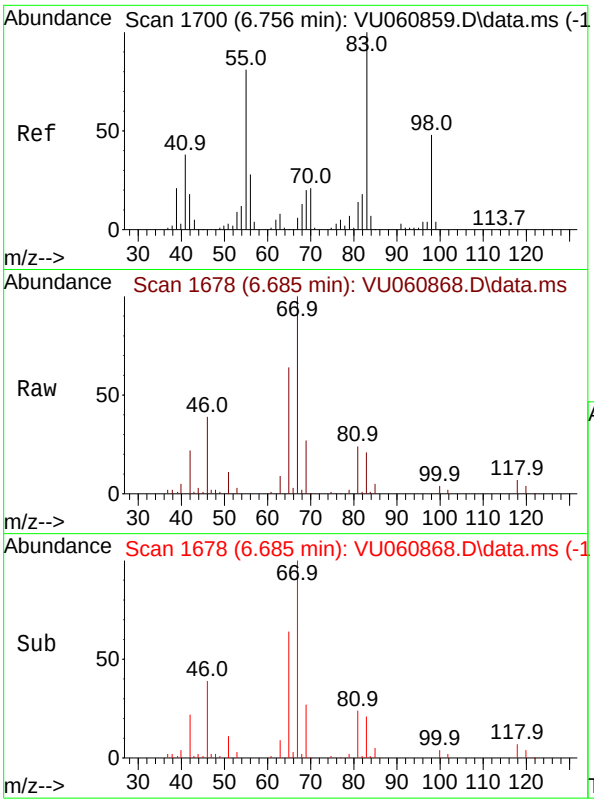


#8
Chloroethane
Concen: 0.243 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060868.D
Acq: 18 Sep 2024 14:25

Tgt Ion: 64 Resp: 1897

Ion	Ratio	Lower	Upper
64	100		
66	23.5	22.3	41.3



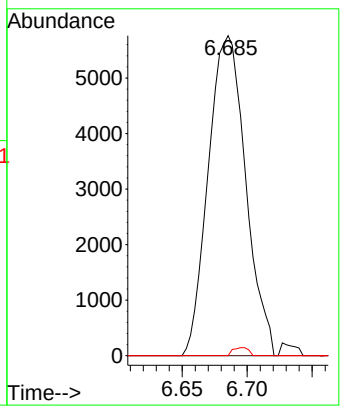


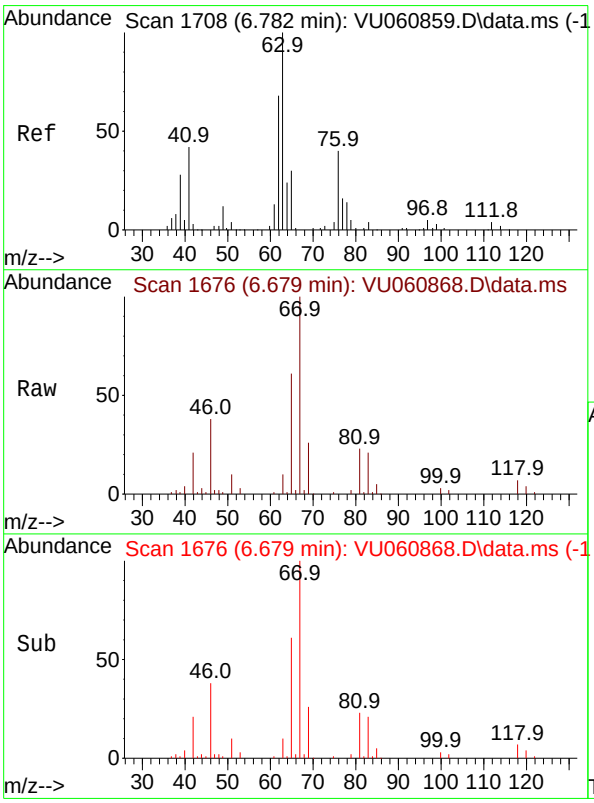
#35
Methylcyclohexane
Concen: 0.753 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU060868.D
Acq: 18 Sep 2024 14:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 11542

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.0	37.6	56.4#

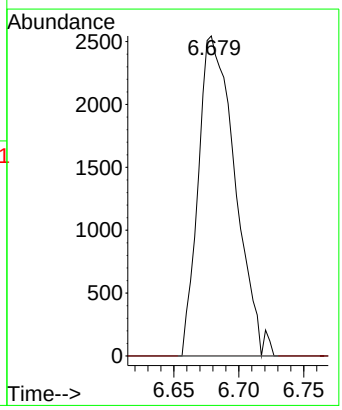


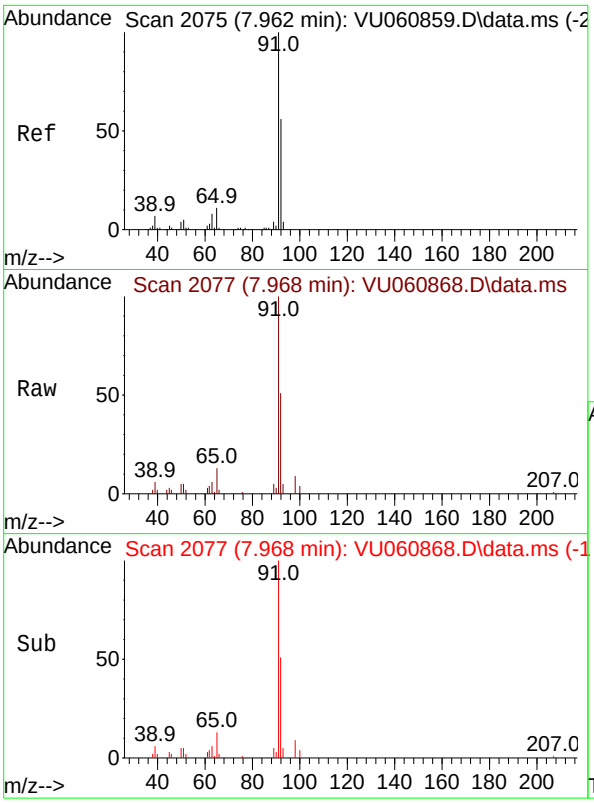


#37
1,2-Dichloropropane
Concen: 0.425 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU060868.D
Acq: 18 Sep 2024 14:25

Tgt Ion: 63 Resp: 4995

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.0	3.0#



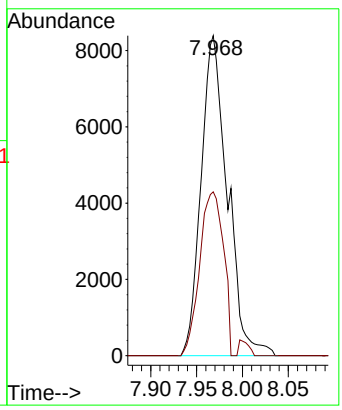


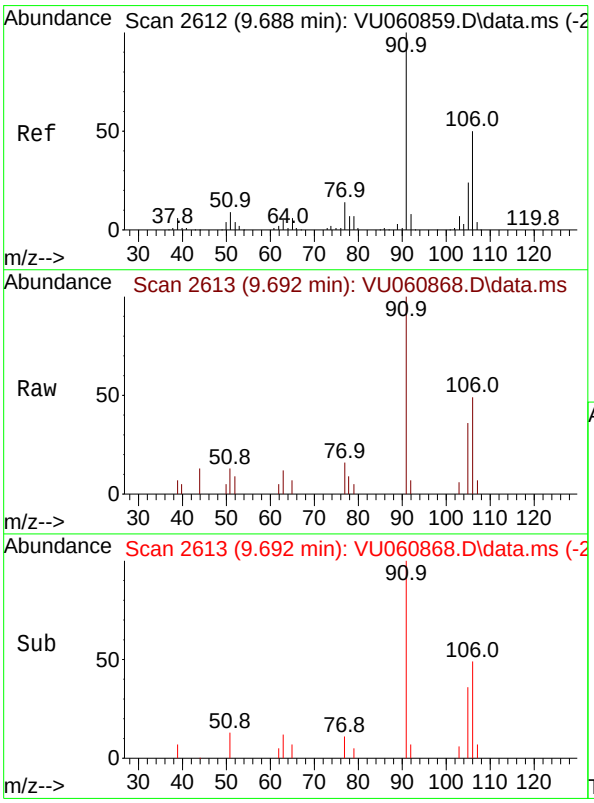
#42
Toluene
Concen: 0.376 ug/L
RT: 7.968 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU060868.D
Acq: 18 Sep 2024 14:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 16760

Ion	Ratio	Lower	Upper
91	100		
92	51.2	40.5	75.3

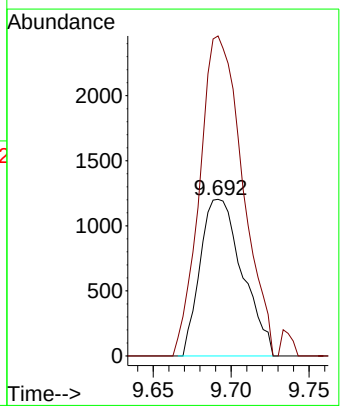


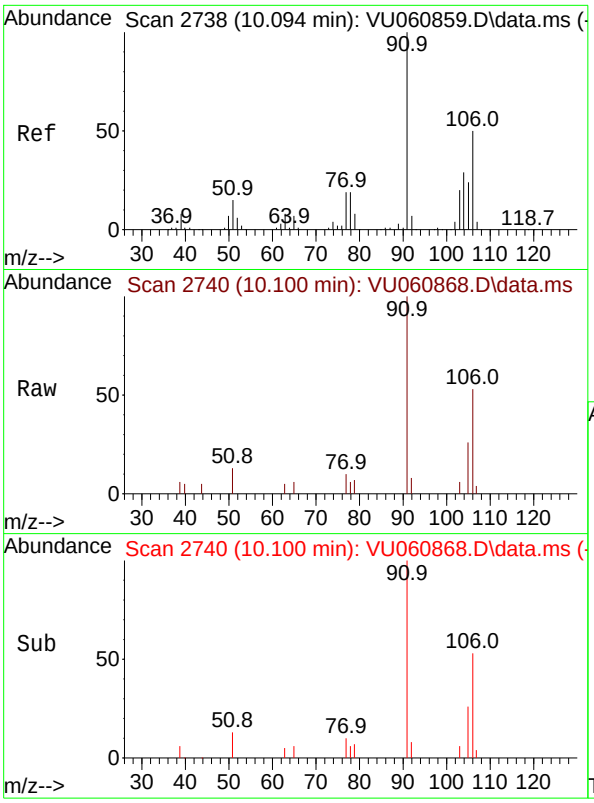


#53
m,p-Xylene
Concen: 0.128 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060868.D
Acq: 18 Sep 2024 14:25

Tgt Ion:106 Resp: 2268

Ion	Ratio	Lower	Upper
106	100		
91	204.4	139.7	259.4



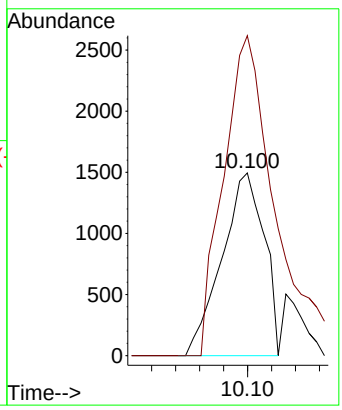


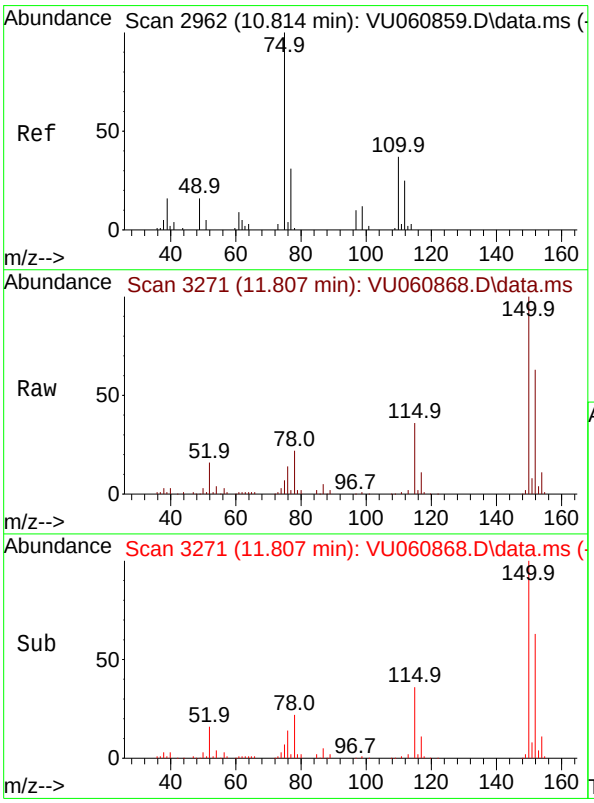
#54
o-Xylene
Concen: 0.104 ug/L
RT: 10.100 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU060868.D
Acq: 18 Sep 2024 14:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 1827

Ion	Ratio	Lower	Upper
106	100		
91	175.1	148.6	276.0

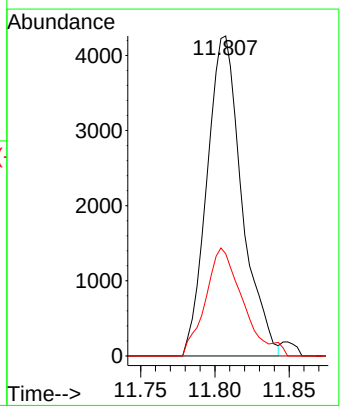


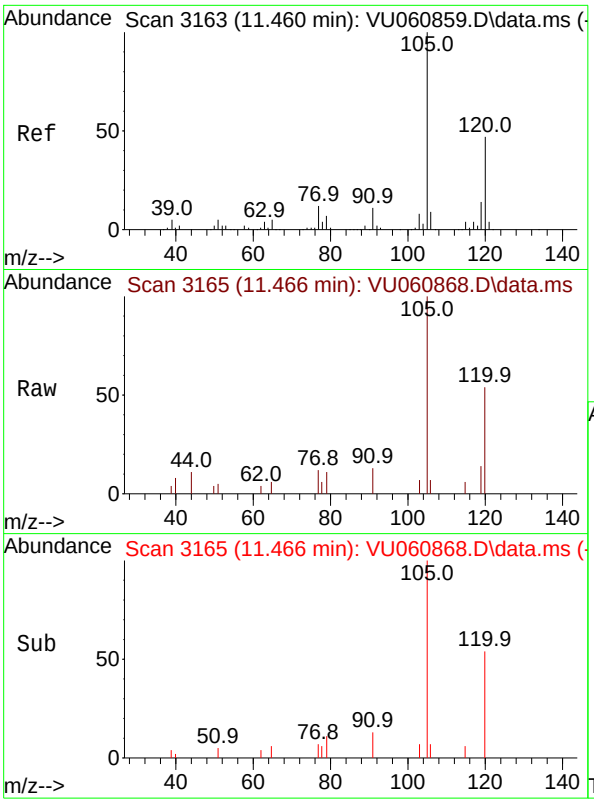


#61
1,2,3-Trichloropropane
Concen: 1.127 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.993 min
Lab File: VU060868.D
Acq: 18 Sep 2024 14:25

Tgt Ion: 75 Resp: 6960

Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.6	43.0#
77	36.1	26.3	39.5



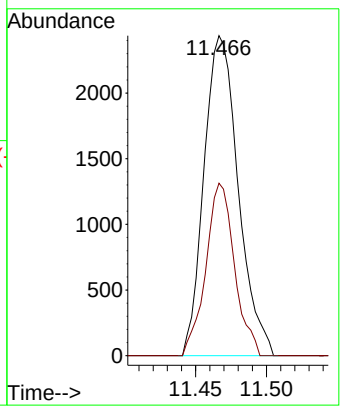


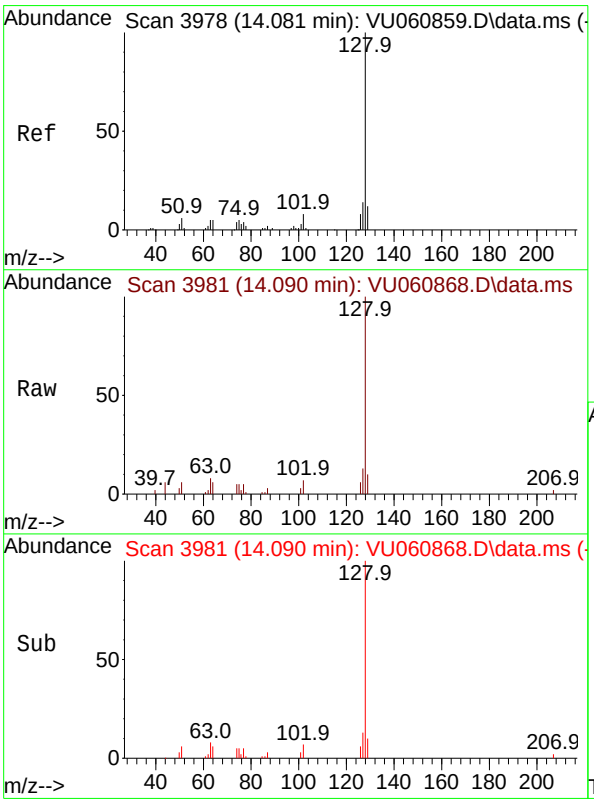
#63
1,2,4-Trimethylbenzene
Concen: 0.136 ug/L
RT: 11.466 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU060868.D
Acq: 18 Sep 2024 14:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 4098

Ion	Ratio	Lower	Upper
105	100		
120	45.1	36.1	54.1





#71
Naphthalene
Concen: 1.504 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU060868.D
Acq: 18 Sep 2024 14:25

Tgt Ion:128 Resp: 20624

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.3	12.5
127	12.4	10.7	16.1