Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
Data File : VU056914.D
Acq On : 16 Dec 2023 05:43
Operator : MD/SY
Sample : 05771-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0YA4

Quant Time: Dec 16 06:03:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	211803	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	220203	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54998	3.029	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.600%			
7) Chloroethane-d5	1.908	69	51715	3.807	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.200%			
11) 1,1-Dichloroethene-d2	2.563	65	25802	3.322	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.400%			
20) 2-Butanone-d5	4.621	46	206879	57.701	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.400%			
24) Chloroform-d	5.055	84	153903	4.477	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
26) 1,2-Dichloroethane-d4	5.695	65	77877	4.787	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
32) Benzene-d6	5.721	84	273353	4.002	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.000%			
36) 1,2-Dichloropropane-d6	6.685	67	94859	4.437	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.800%			
41) Toluene-d8	7.894	98	208480	3.415	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.400%#			
43) trans-1,3-Dichloroprop...	8.177	79	31289	3.774	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.400%			
46) 2-Hexanone-d5	8.627	63	155460	49.718	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.440%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	78568	5.080	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	85007	4.694	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	4268	0.196	ug/L	98
15) Methyl Acetate	3.033	43	3362	0.565	ug/L #	49
22) cis-1,2-Dichloroethene	4.663	96	4660	0.246	ug/L	92
30) Cyclohexane	5.380	56	13050	0.437	ug/L	97
33) Benzene	5.772	78	35677	0.461	ug/L	100
34) Trichloroethene	6.538	95	31295	1.474	ug/L	98
35) Methylcyclohexane	6.759	83	15763	0.503	ug/L	94
37) 1,2-Dichloropropane	6.685	63	10649	0.538	ug/L #	89
42) Toluene	7.965	91	122054	1.524	ug/L	96
52) Ethylbenzene	9.566	91	29085	0.329	ug/L	93
53) m,p-Xylene	9.692	106	15953	0.485	ug/L	88
54) o-Xylene	10.094	106	6419	0.205	ug/L	78
61) 1,2,3-Trichloropropane	11.807	75	11574	1.170	ug/L #	70
63) 1,2,4-Trimethylbenzene	11.467	105	10471	0.177	ug/L	96

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

Quantitation Report (Not Reviewed)

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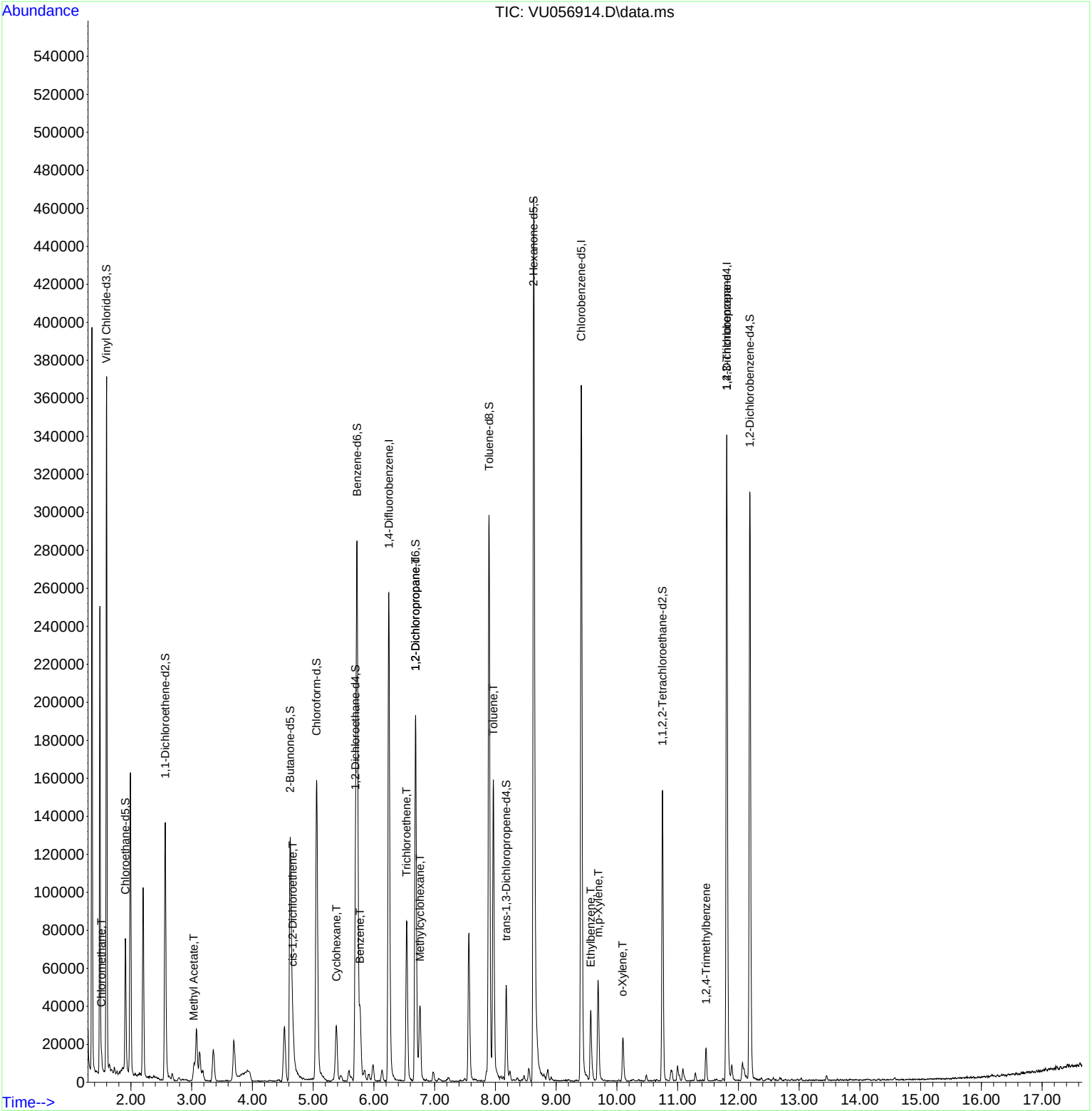
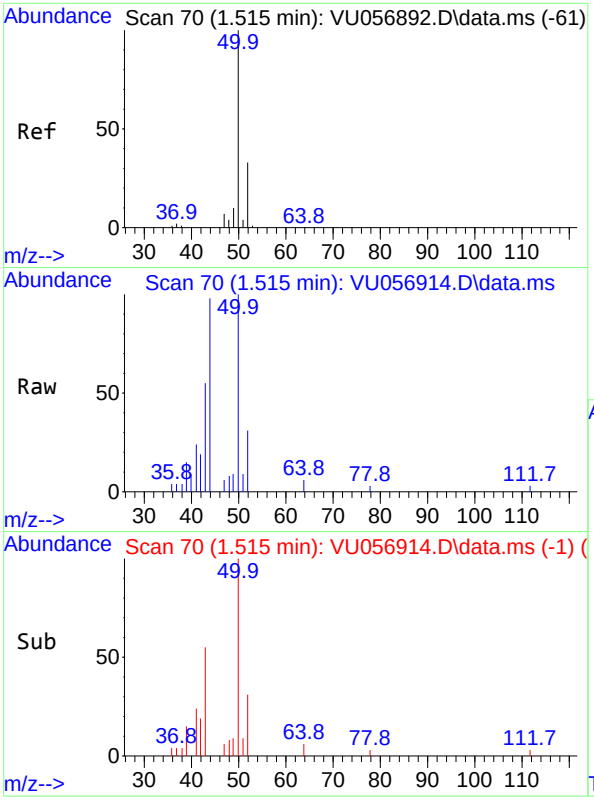
Quant Time: Dec 16 06:03:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration



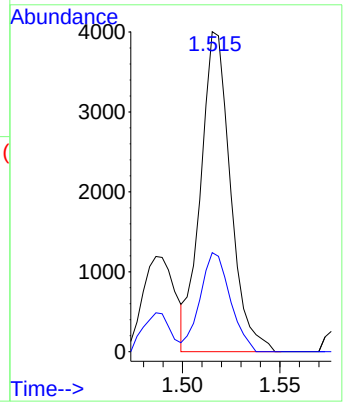


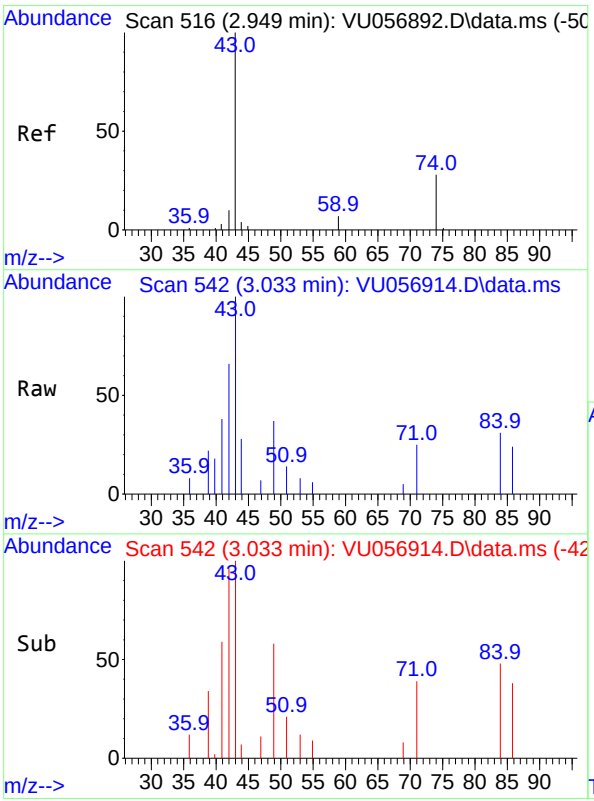
#3
Chloromethane
Concen: 0.196 ug/L
RT: 1.515 min Scan# 7(
Delta R.T. 0.000 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Instrument :
MSVOA_U
ClientSampleId :
E0YA4

Tgt Ion: 50 Resp: 4268

Ion	Ratio	Lower	Upper
50	100		
52	31.0	22.5	41.7

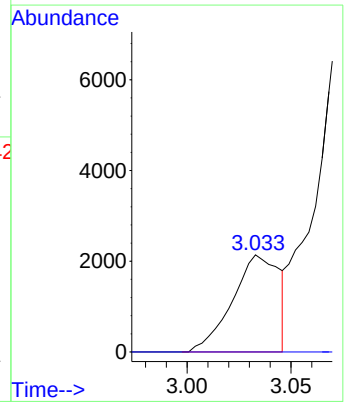


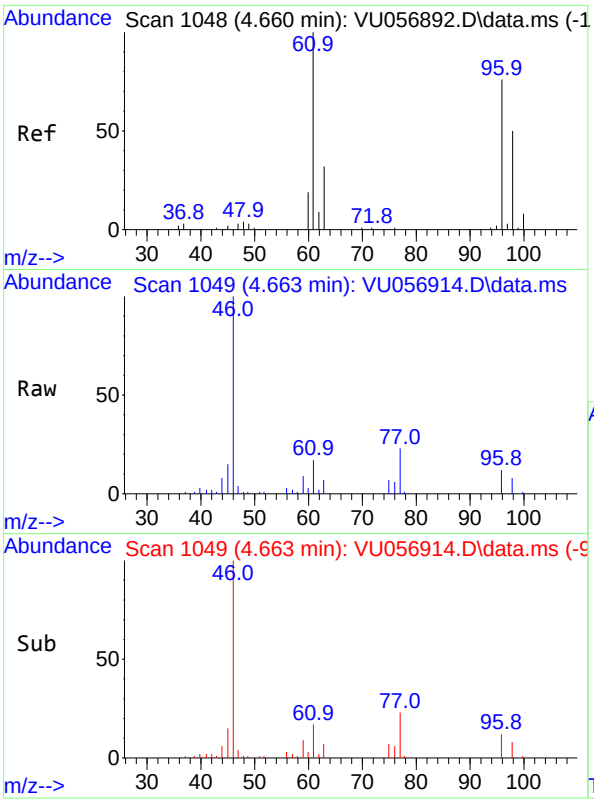


#15
Methyl Acetate
Concen: 0.565 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.087 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Tgt Ion: 43 Resp: 3362

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.0	31.6#



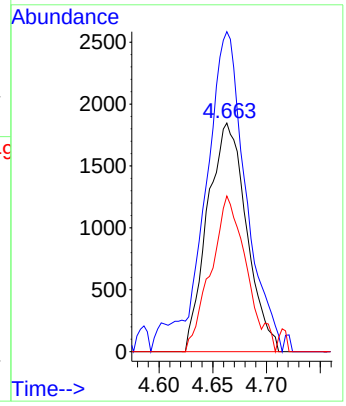


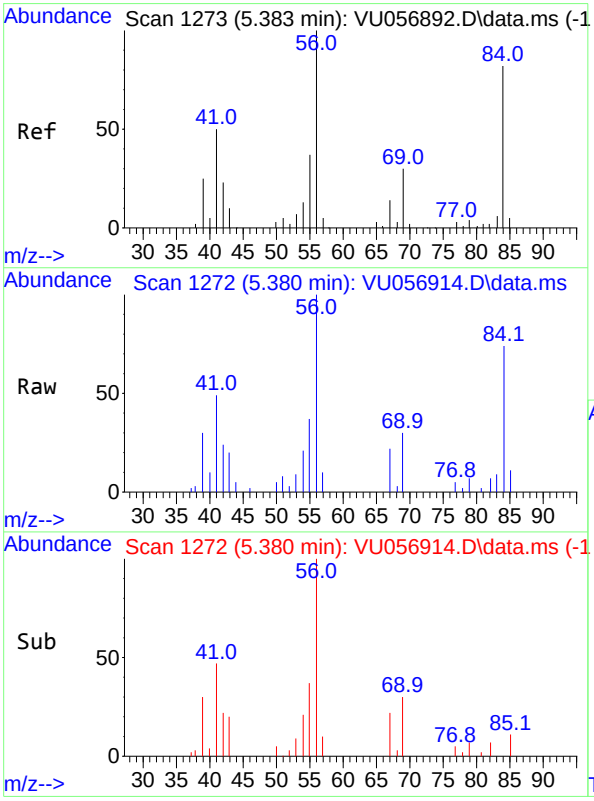
#22
cis-1,2-Dichloroethene
Concen: 0.246 ug/L
RT: 4.663 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Instrument :
MSVOA_U
ClientSampleId :
E0YA4

Tgt Ion: 96 Resp: 4660

Ion	Ratio	Lower	Upper
96	100		
61	140.0	91.3	169.6
98	68.1	44.2	82.0

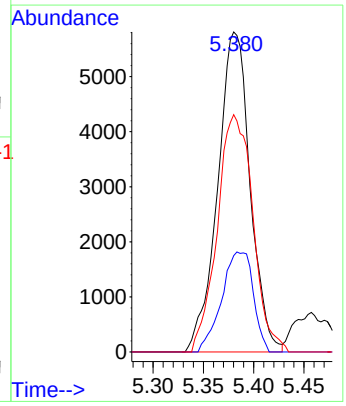


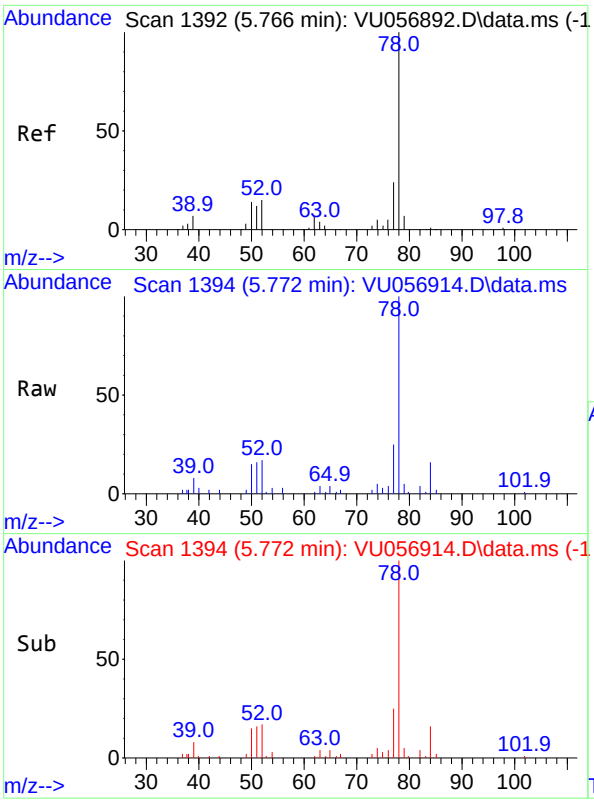


#30
Cyclohexane
Concen: 0.437 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Tgt Ion: 56 Resp: 13050

Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.9	37.3
84	81.2	67.6	101.4

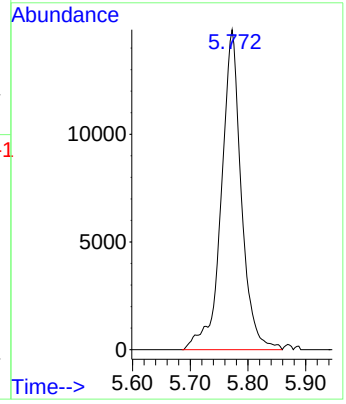


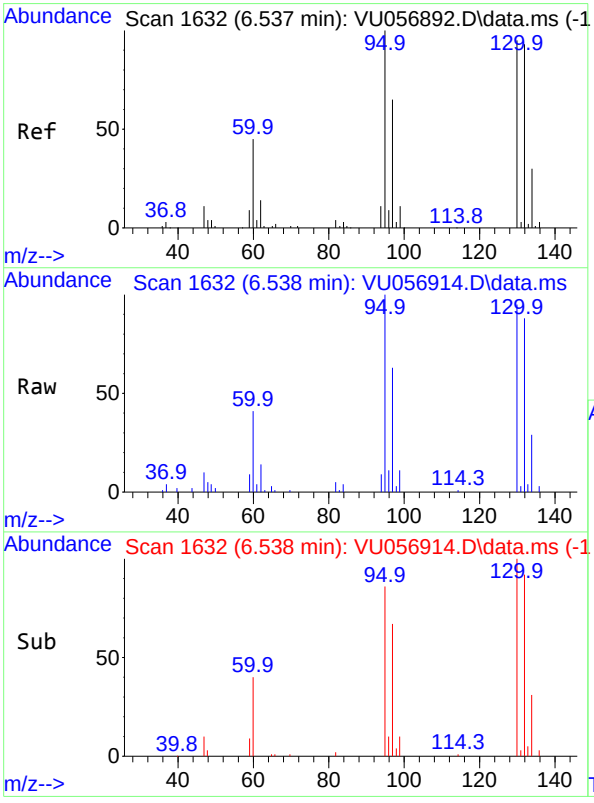


#33
Benzene
Concen: 0.461 ug/L
RT: 5.772 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Instrument :
MSVOA_U
ClientSampleId :
E0YA4

Tgt Ion: 78 Resp: 35677

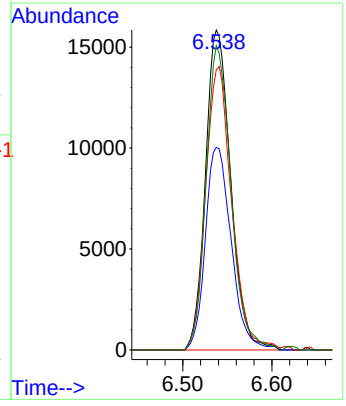


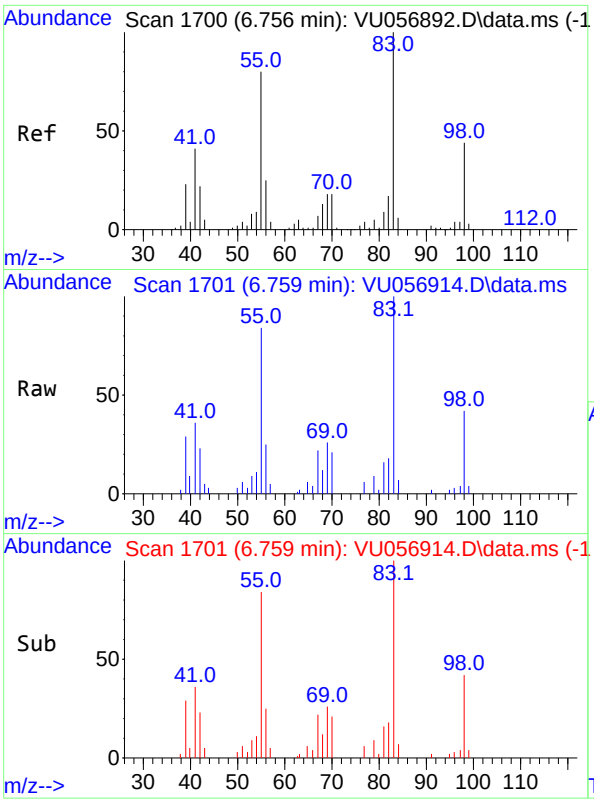


#34
Trichloroethene
Concen: 1.474 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Tgt Ion: 95 Resp: 31295

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.1	85.5
132	87.6	63.6	118.0
130	95.1	66.4	123.4



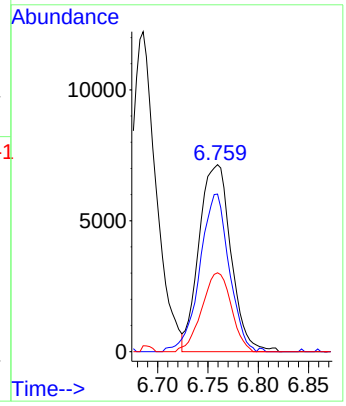


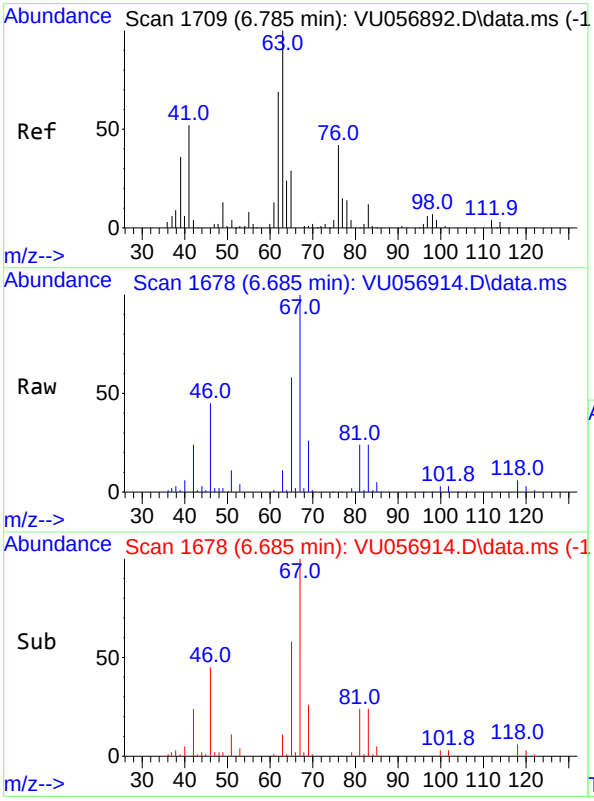
#35
Methylcyclohexane
Concen: 0.503 ug/L
RT: 6.759 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Instrument :
MSVOA_U
ClientSampleId :
E0YA4

Tgt Ion: 83 Resp: 15763

Ion	Ratio	Lower	Upper
83	100		
55	77.5	64.6	97.0
98	38.9	36.1	54.1

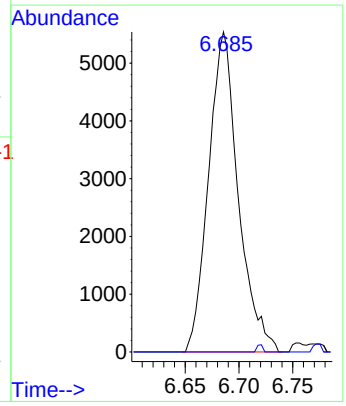


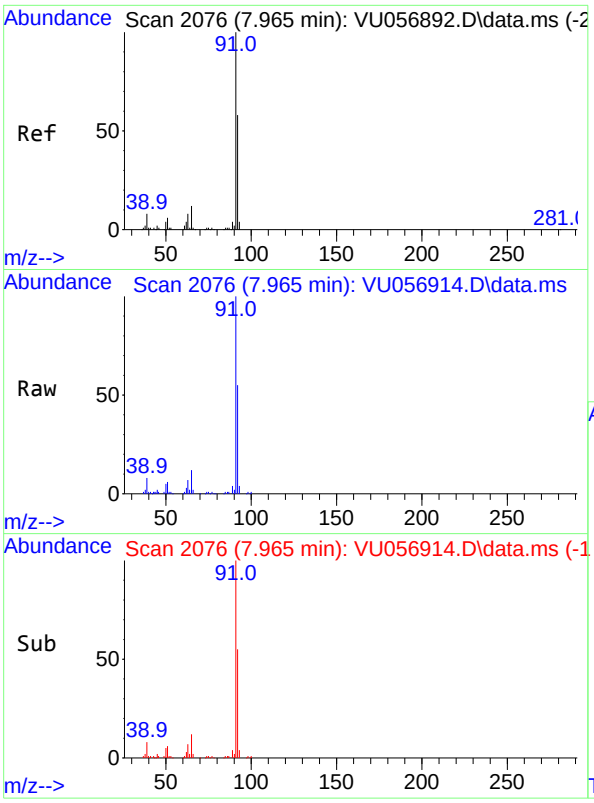


#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Tgt Ion: 63 Resp: 10649

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.3	4.9#



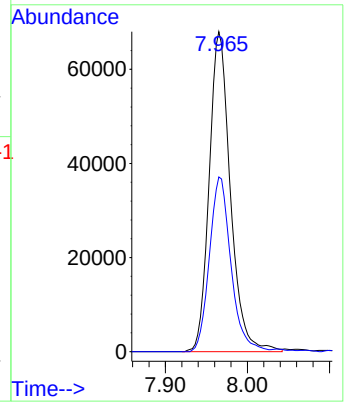


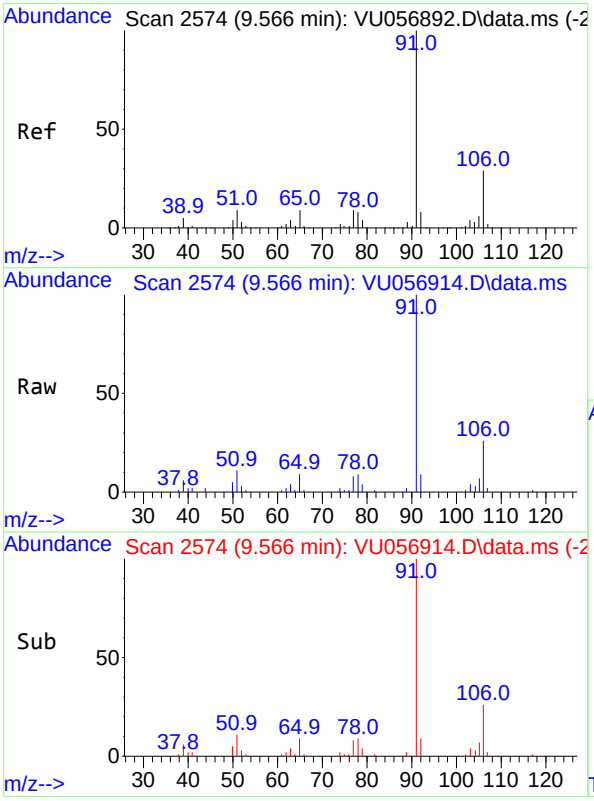
#42
Toluene
Concen: 1.524 ug/L
RT: 7.965 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Instrument :
MSVOA_U
ClientSampleId :
E0YA4

Tgt Ion: 91 Resp: 122054

Ion	Ratio	Lower	Upper
91	100		
92	54.6	40.4	75.0

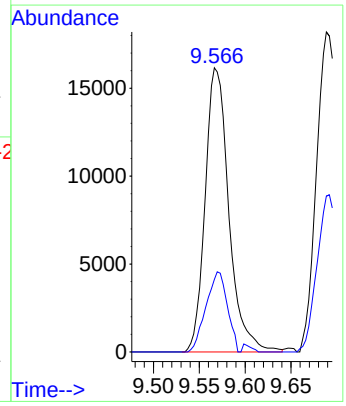


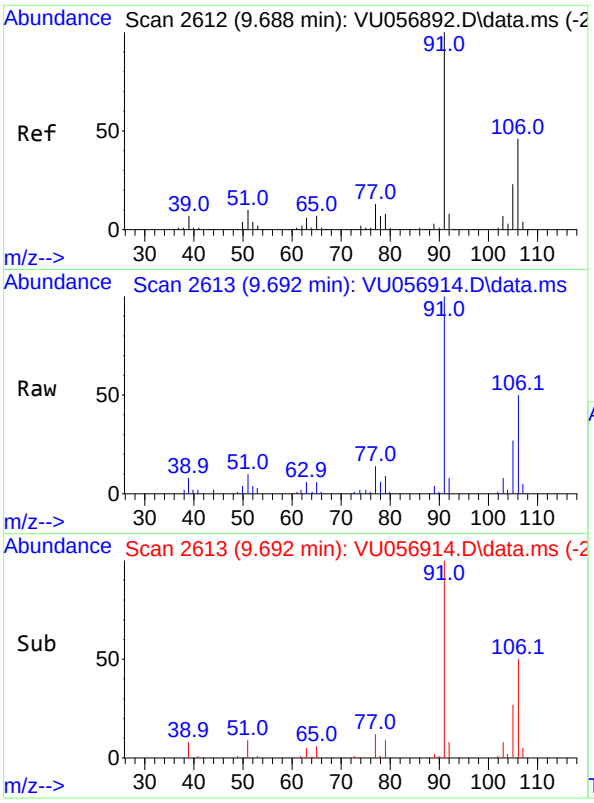


#52
Ethylbenzene
Concen: 0.329 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Tgt Ion: 91 Resp: 29085

Ion	Ratio	Lower	Upper
91	100		
106	25.5	20.6	38.4



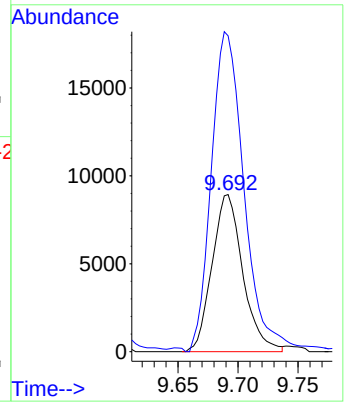


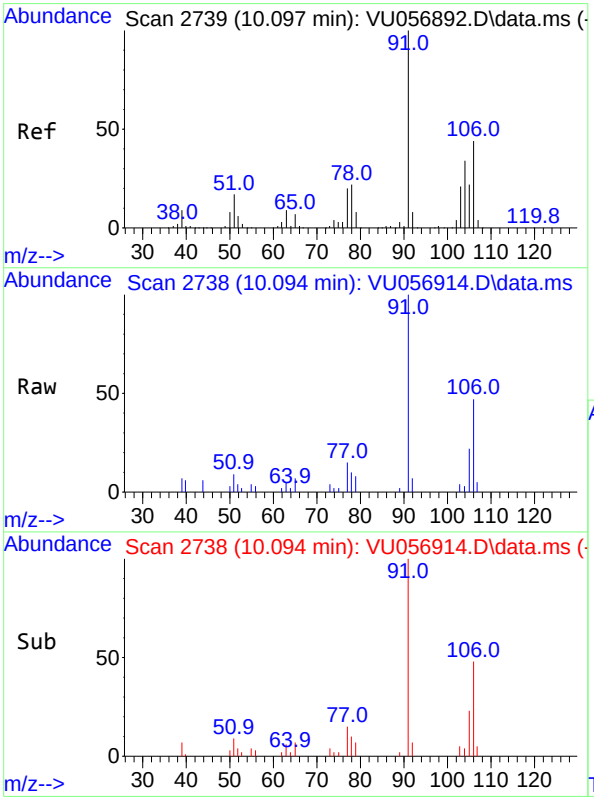
#53
m,p-Xylene
Concen: 0.485 ug/L
RT: 9.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Instrument :
MSVOA_U
ClientSampleId :
E0YA4

Tgt Ion:106 Resp: 15953

Ion	Ratio	Lower	Upper
106	100		
91	201.1	154.0	286.0

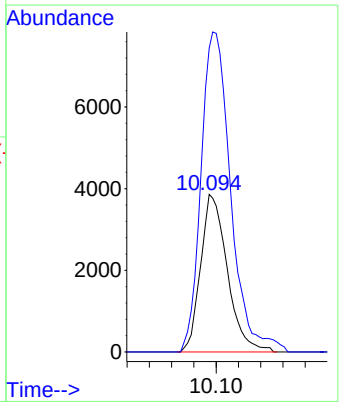


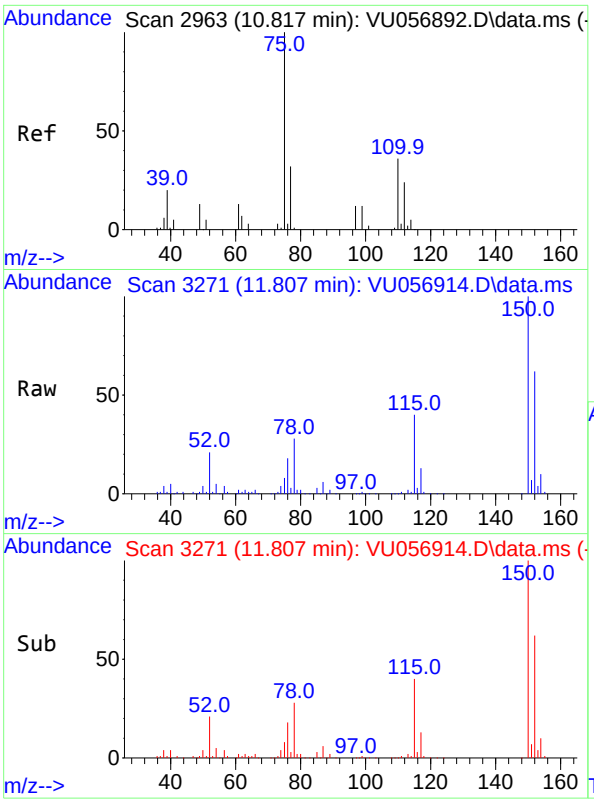


#54
o-Xylene
Concen: 0.205 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Tgt Ion:106 Resp: 6419

Ion	Ratio	Lower	Upper
106	100		
91	192.9	160.2	297.6



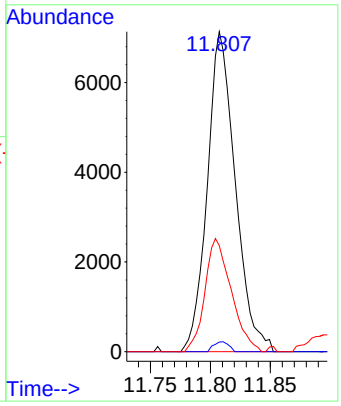


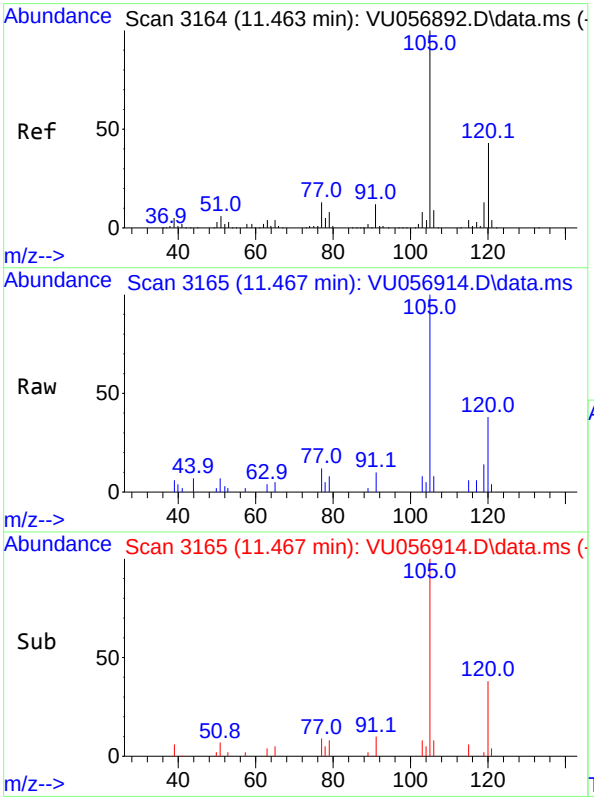
#61
1,2,3-Trichloropropane
Concen: 1.170 ug/L
RT: 11.807 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Instrument :
MSVOA_U
ClientSampleId :
E0YA4

Tgt Ion: 75 Resp: 11574

Ion	Ratio	Lower	Upper
75	100		
110	1.7	28.4	42.6#
77	33.3	26.3	39.5





#63
1,2,4-Trimethylbenzene
Concen: 0.177 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU056914.D
Acq: 16 Dec 2023 05:43

Tgt Ion:105 Resp: 10471

Ion	Ratio	Lower	Upper
105	100		
120	40.2	34.2	51.4