Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
Data File : VU055968.D
Acq On : 28 Oct 2023 12:50
Operator : MD/SY
Sample : 05009-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 30 04:53:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 30 04:51:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	441242	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	435178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	206140	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	125319	3.590	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.800%			
7) Chloroethane-d5	1.914	69	108684	3.995	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.800%			
11) 1,1-Dichloroethene-d2	2.567	65	56515	3.814	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.200%			
20) 2-Butanone-d5	4.624	46	247708	39.780	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.560%			
24) Chloroform-d	5.059	84	258659	3.999	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.000%			
26) 1,2-Dichloroethane-d4	5.698	65	122080	3.874	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.400%			
32) Benzene-d6	5.724	84	536969	4.142	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.800%			
36) 1,2-Dichloropropane-d6	6.689	67	162192	4.221	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.400%			
41) Toluene-d8	7.894	98	476588	4.053	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.000%			
43) trans-1,3-Dichloroprop...	8.177	79	55365	3.684	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.600%			
46) 2-Hexanone-d5	8.631	63	209978	55.037	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.080%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	114679	4.098	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	172068	4.474	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.400%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	15962	0.665	ug/L	99
37) 1,2-Dichloropropane	6.685	63	17378	0.682	ug/L #	89
42) Toluene	7.968	91	72891	0.726	ug/L	98
48) 2-Hexanone	8.682	43	19099	1.976	ug/L #	91
52) Ethylbenzene	9.570	91	30172	0.265	ug/L	99
53) m,p-Xylene	9.692	106	38044	0.895	ug/L	85
54) o-Xylene	10.100	106	15563	0.374	ug/L	98
61) 1,2,3-Trichloropropane	11.811	75	24313	1.718	ug/L #	69
63) 1,2,4-Trimethylbenzene	11.467	105	32749	0.420	ug/L	99

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

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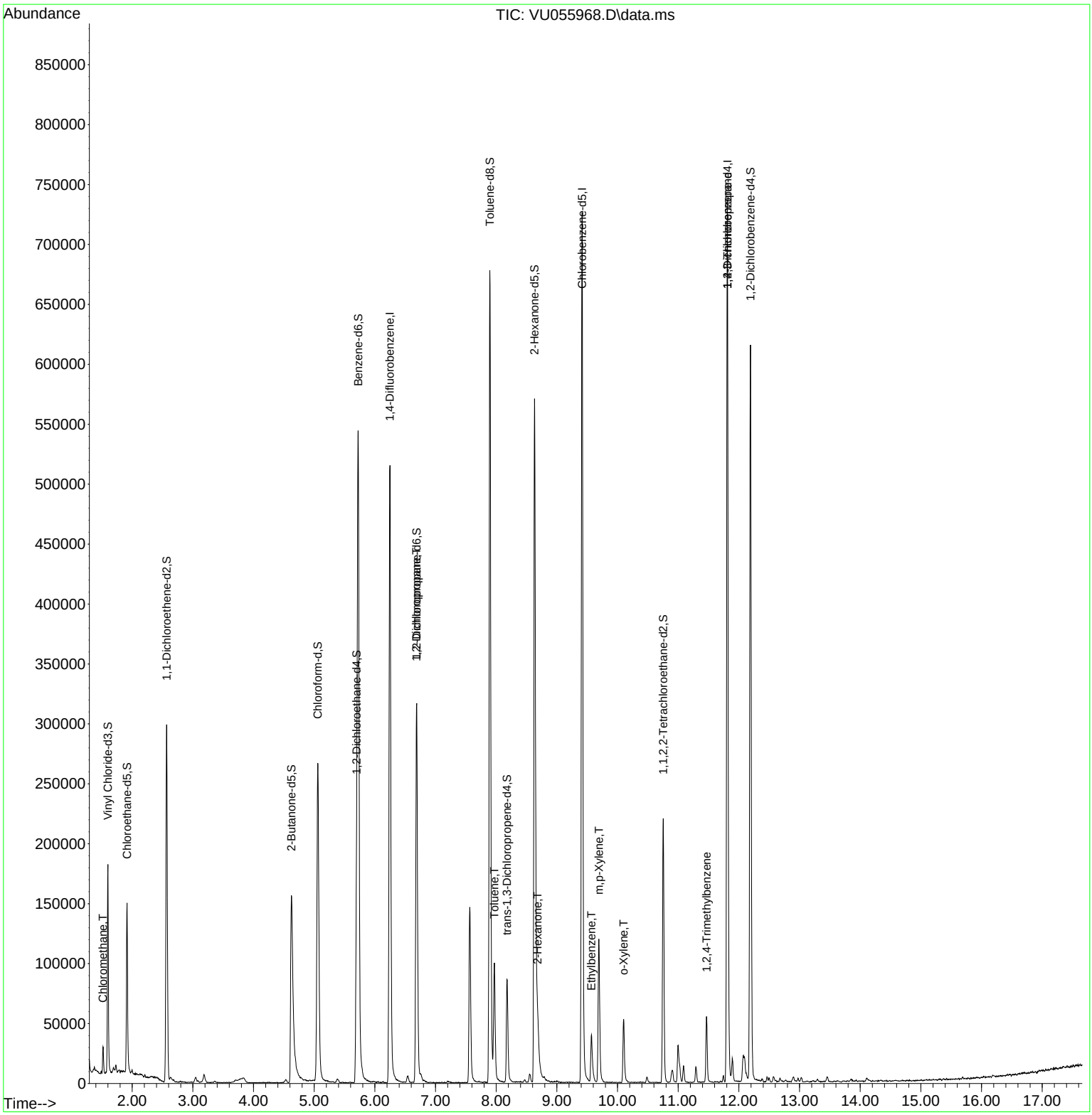
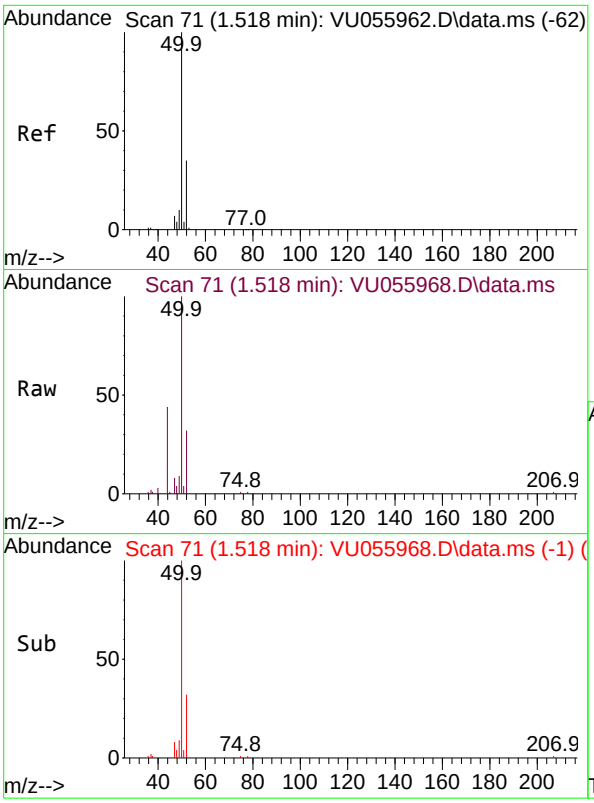


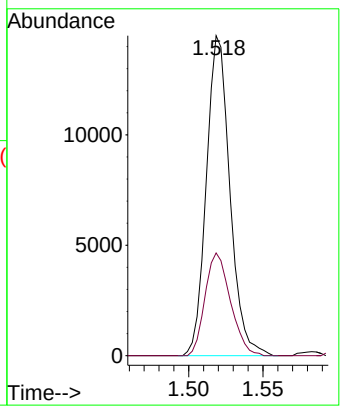


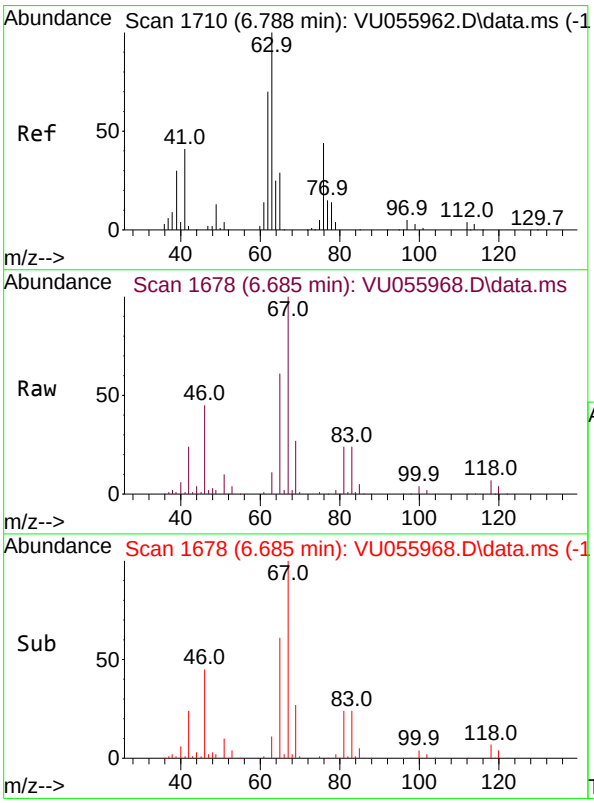
#3
Chloromethane
Concen: 0.665 ug/L
RT: 1.518 min Scan# 7
Delta R.T. 0.000 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 15962

Ion	Ratio	Lower	Upper
50	100		
52	32.1	22.0	40.8

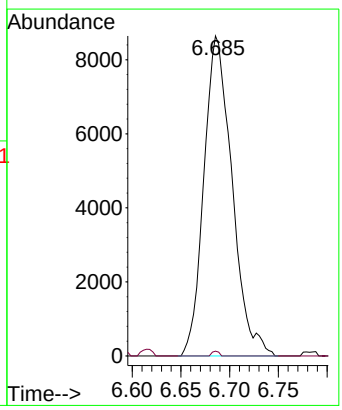


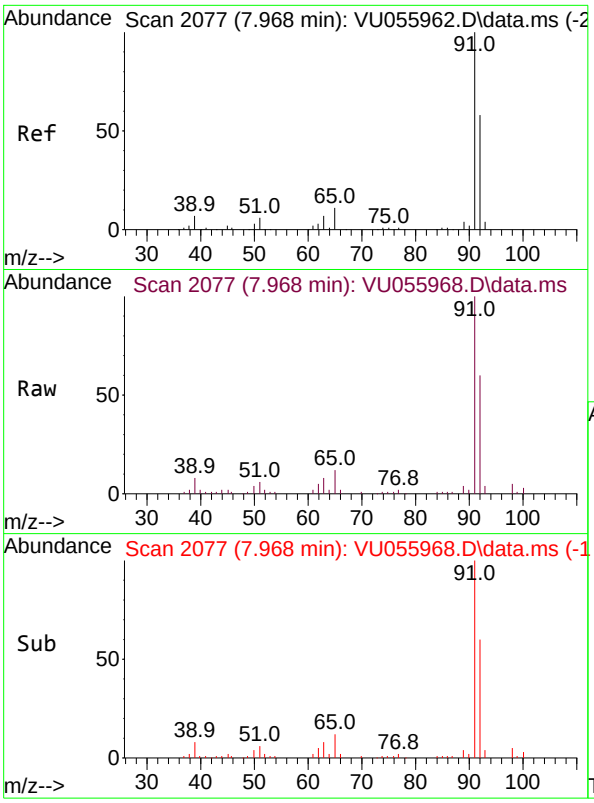


#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

Tgt Ion: 63 Resp: 17378

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.1	4.7#



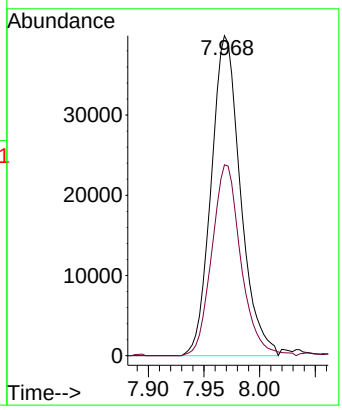


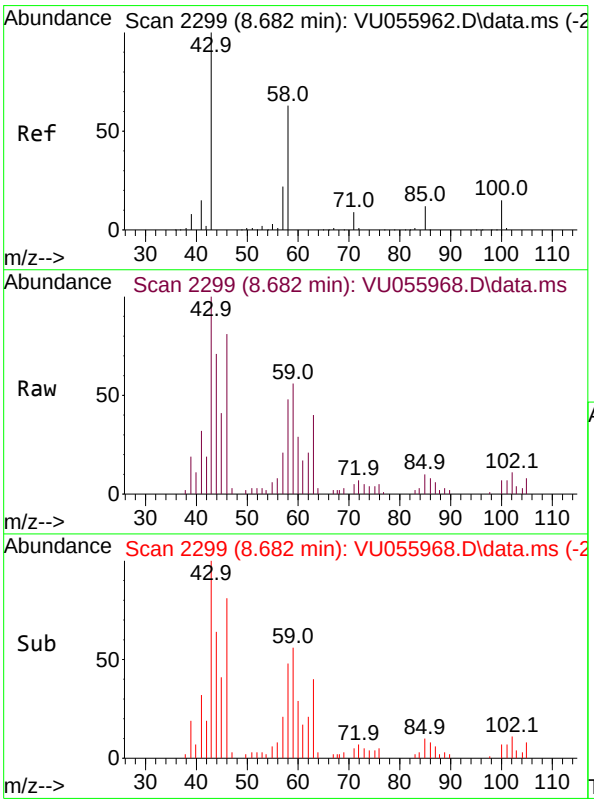
#42
Toluene
Concen: 0.726 ug/L
RT: 7.968 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 72891

Ion	Ratio	Lower	Upper
91	100		
92	59.7	40.6	75.4

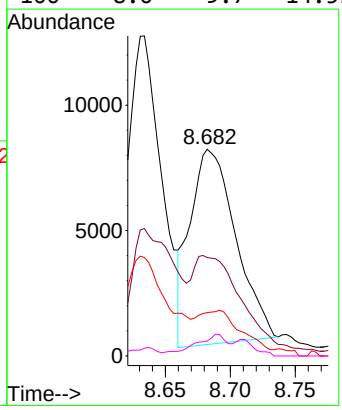


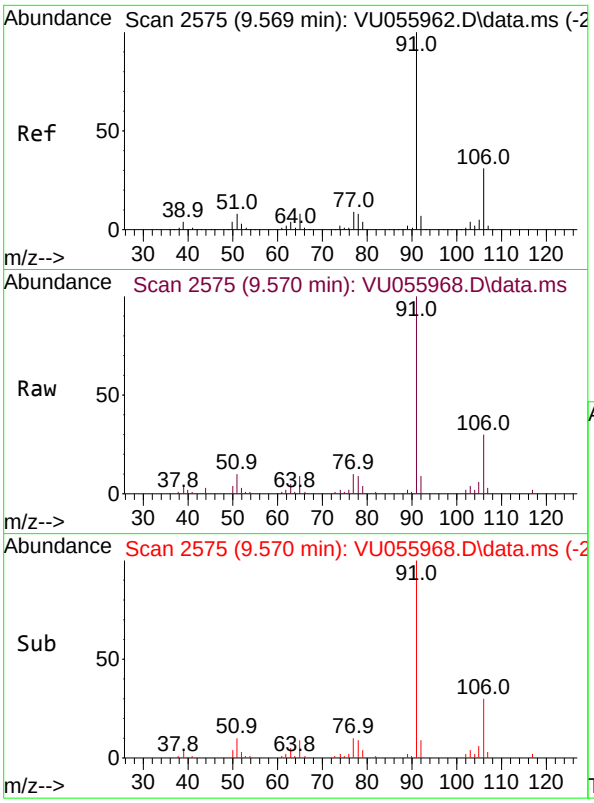


#48
2-Hexanone
Concen: 1.976 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

Tgt Ion: 43 Resp: 19099

Ion	Ratio	Lower	Upper
43	100		
58	54.4	49.5	74.3
57	17.9	16.9	25.3
100	8.0	9.7	14.5#



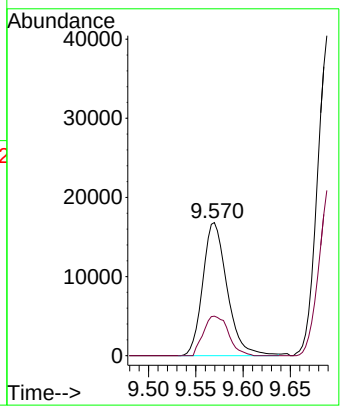


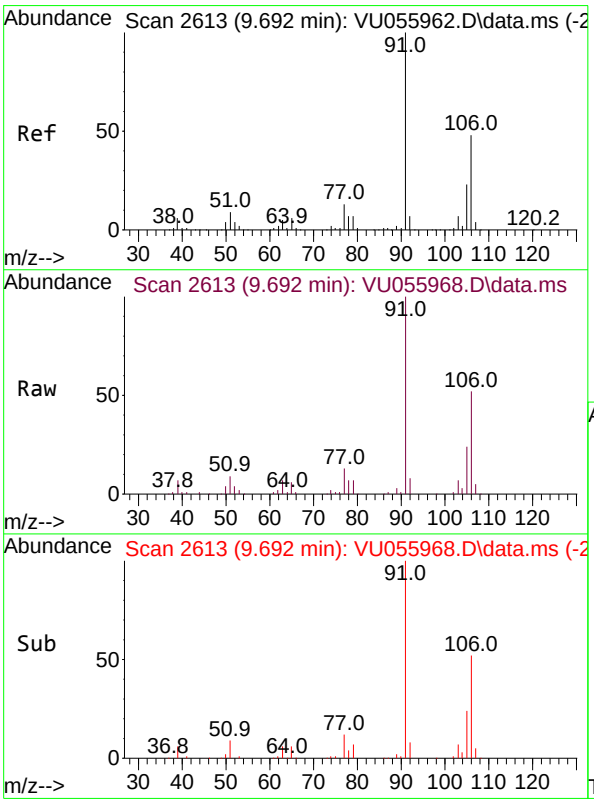
#52
Ethylbenzene
Concen: 0.265 ug/L
RT: 9.570 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 30172

Ion	Ratio	Lower	Upper
91	100		
106	29.7	21.3	39.5

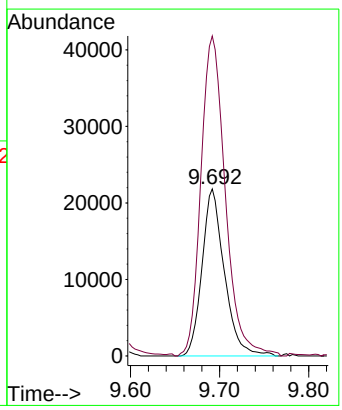


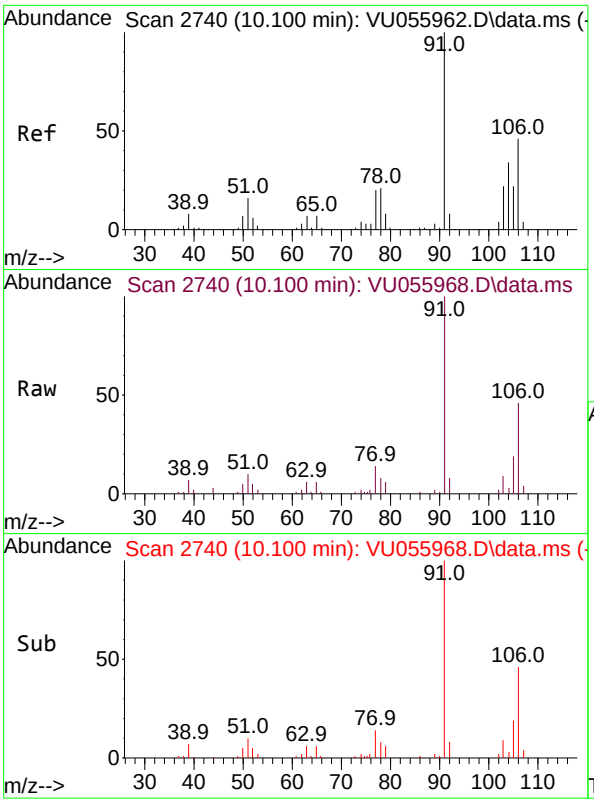


#53
m,p-Xylene
Concen: 0.895 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

Tgt Ion:106 Resp: 38044

Ion	Ratio	Lower	Upper
106	100		
91	191.6	150.4	279.2



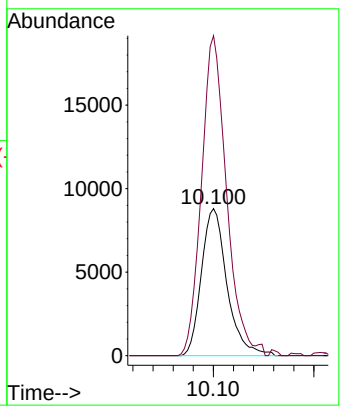


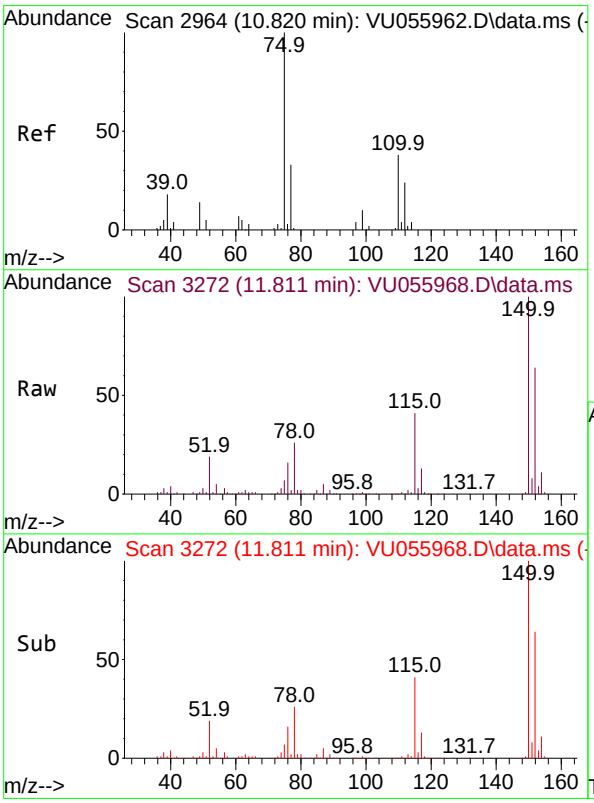
#54
o-Xylene
Concen: 0.374 ug/L
RT: 10.100 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 15563

Ion	Ratio	Lower	Upper
106	100		
91	217.7	154.6	287.2

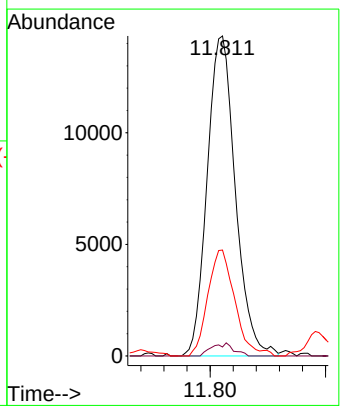


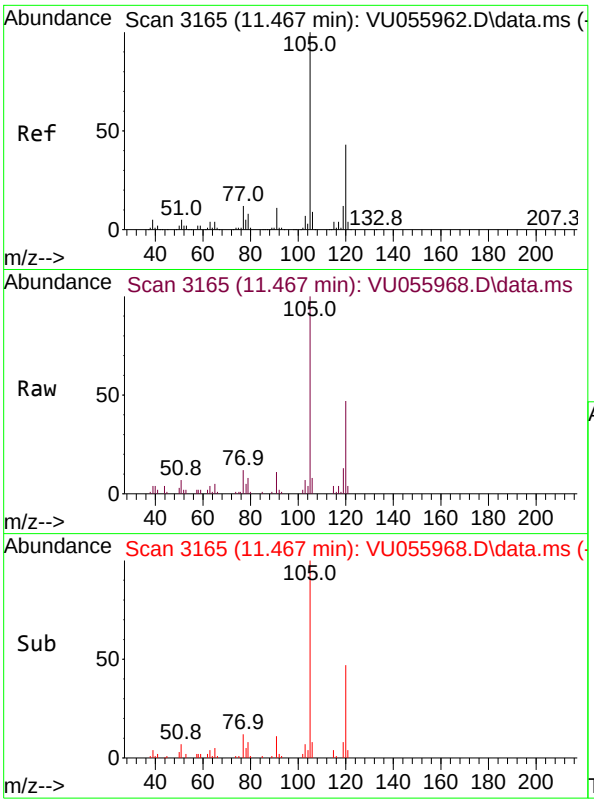


#61
1,2,3-Trichloropropane
Concen: 1.718 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

Tgt Ion: 75 Resp: 24313

Ion	Ratio	Lower	Upper
75	100		
110	3.1	29.0	43.6#
77	31.6	24.5	36.7





#63
1,2,4-Trimethylbenzene
Concen: 0.420 ug/L
RT: 11.467 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU055968.D
Acq: 28 Oct 2023 12:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 32749

Ion	Ratio	Lower	Upper
105	100		
120	42.5	34.6	52.0