Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
Data File : VU055930.D
Acq On : 27 Oct 2023 17:55
Operator : MD/SY
Sample : 05009-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A49K1

Quant Time: Oct 27 23:56:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:19:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	368878	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	359178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	173223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	69444	2.380	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 47.600%			
7) Chloroethane-d5	1.914	69	66519	2.925	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 58.400%#			
11) 1,1-Dichloroethene-d2	2.567	65	32142	2.595	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.800%#			
20) 2-Butanone-d5	4.625	46	254719	48.931	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.860%			
24) Chloroform-d	5.059	84	191791	3.547	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.000%			
26) 1,2-Dichloroethane-d4	5.698	65	93431	3.547	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.000%			
32) Benzene-d6	5.724	84	342041	3.197	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 64.000%#			
36) 1,2-Dichloropropane-d6	6.689	67	119051	3.754	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.000%			
41) Toluene-d8	7.894	98	281302	2.898	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 58.000%#			
43) trans-1,3-Dichloroprop...	8.181	79	39277	3.166	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 63.400%			
46) 2-Hexanone-d5	8.631	63	216317	68.695	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 137.400%#			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102773	4.450	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	123894	3.834	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 76.600%#			
Target Compounds						Qvalue
3) Chloromethane	1.519	50	9451	0.471	ug/L	97
30) Cyclohexane	5.387	56	5967	0.216	ug/L	97
33) Benzene	5.772	78	38056	0.480	ug/L	100
42) Toluene	7.968	91	288160	3.479	ug/L	99
52) Ethylbenzene	9.570	91	70451	0.750	ug/L	99
53) m,p-Xylene	9.692	106	85713	2.443	ug/L	95
54) o-Xylene	10.100	106	34216	0.996	ug/L	94
62) 1,3,5-Trimethylbenzene	11.087	105	16431	0.233	ug/L	92
63) 1,2,4-Trimethylbenzene	11.467	105	63751	0.973	ug/L	96

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

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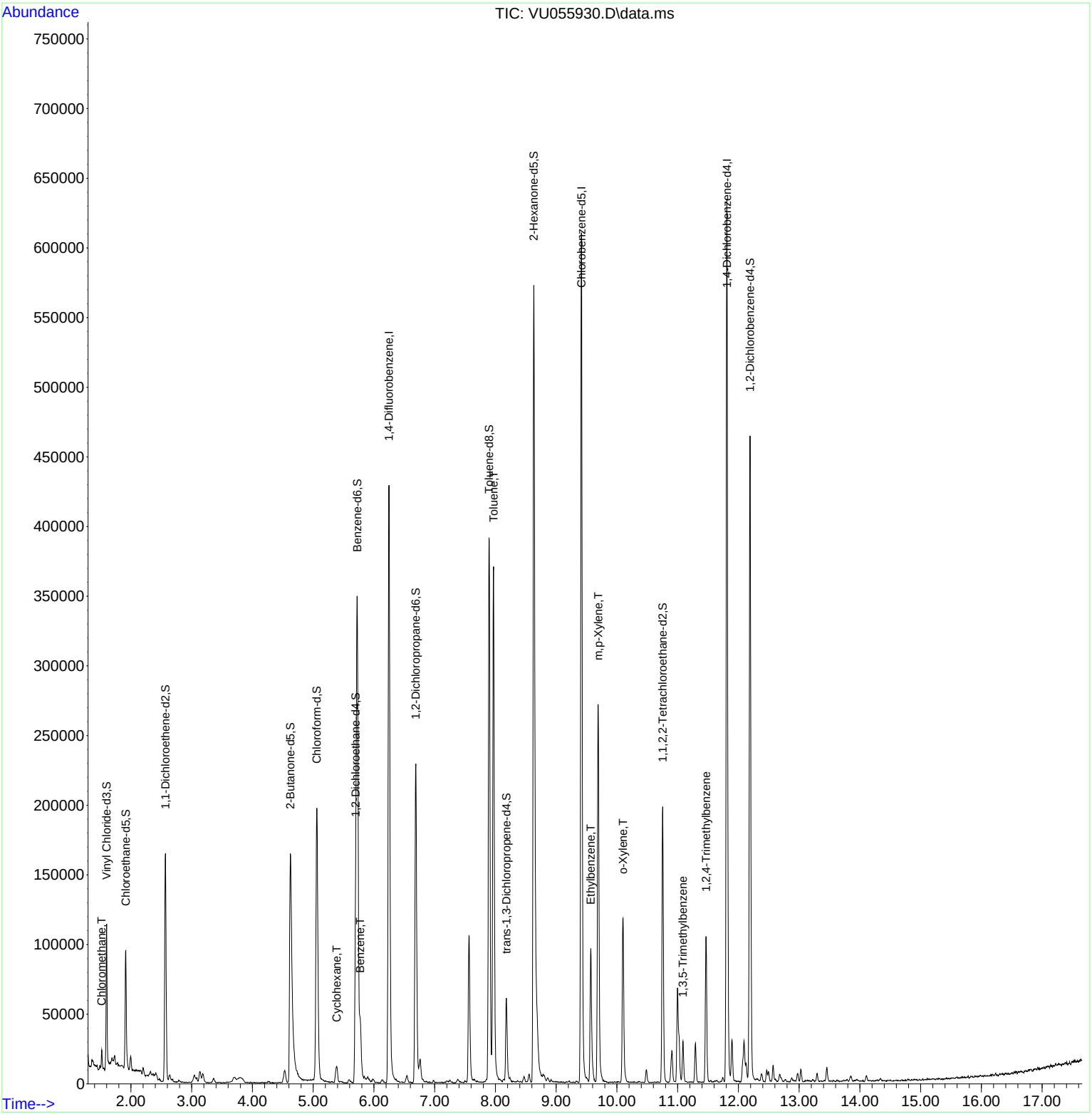
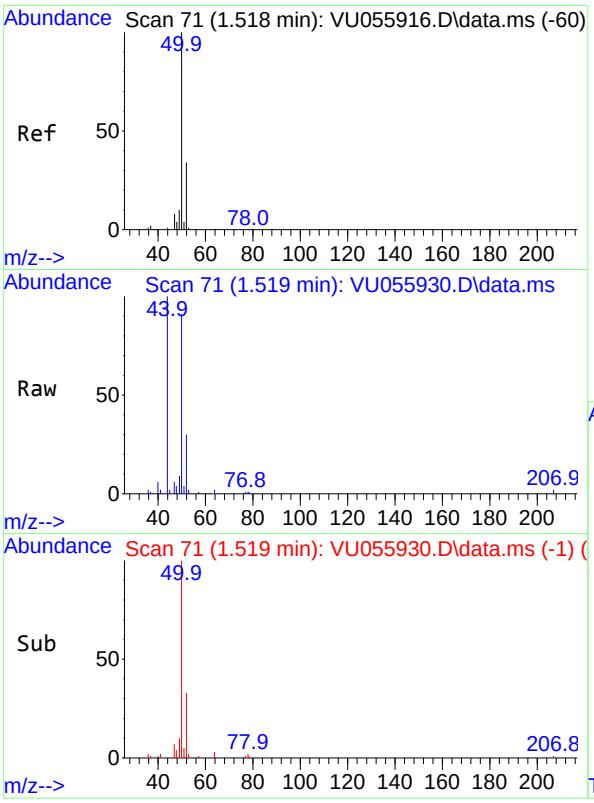


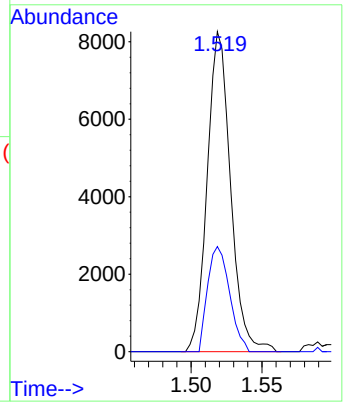


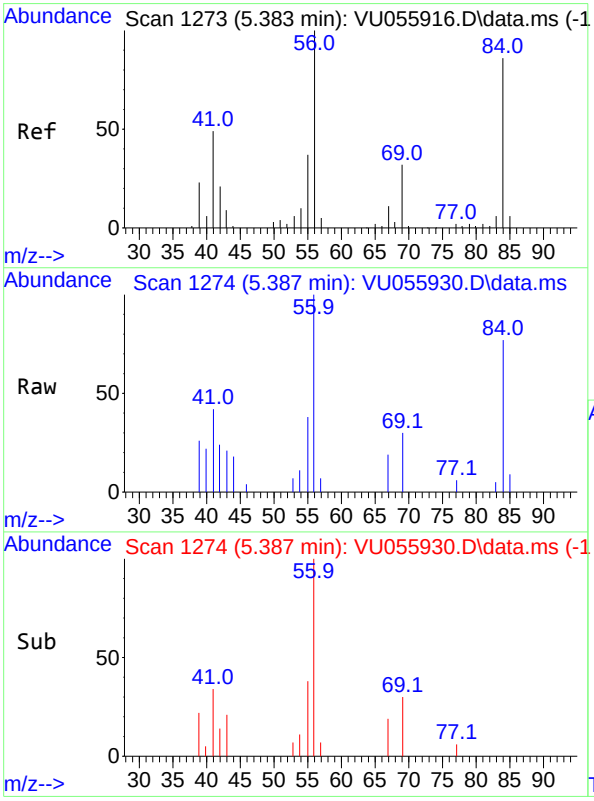
#3
Chloromethane
Concen: 0.471 ug/L
RT: 1.519 min Scan# 7
Delta R.T. 0.004 min
Lab File: VU055930.D
Acq: 27 Oct 2023 17:55

Instrument :
MSVOA_U
ClientSampleId :
A49K1

Tgt Ion: 50 Resp: 9451

Ion	Ratio	Lower	Upper
50	100		
52	32.9	22.0	40.8

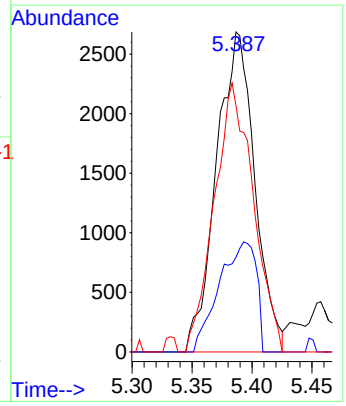


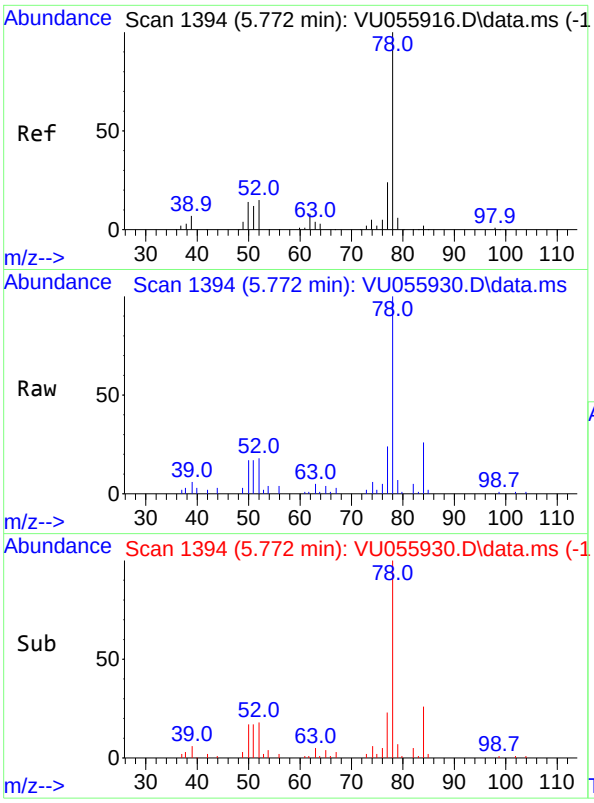


#30
Cyclohexane
Concen: 0.216 ug/L
RT: 5.387 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055930.D
Acq: 27 Oct 2023 17:55

Tgt Ion: 56 Resp: 5967

Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.4	38.2
84	85.7	71.0	106.6

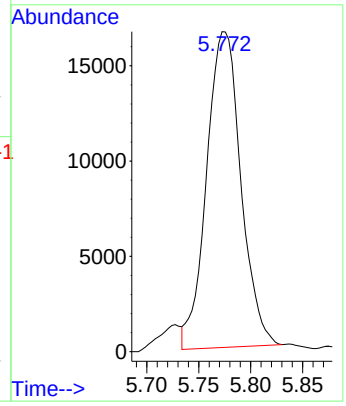


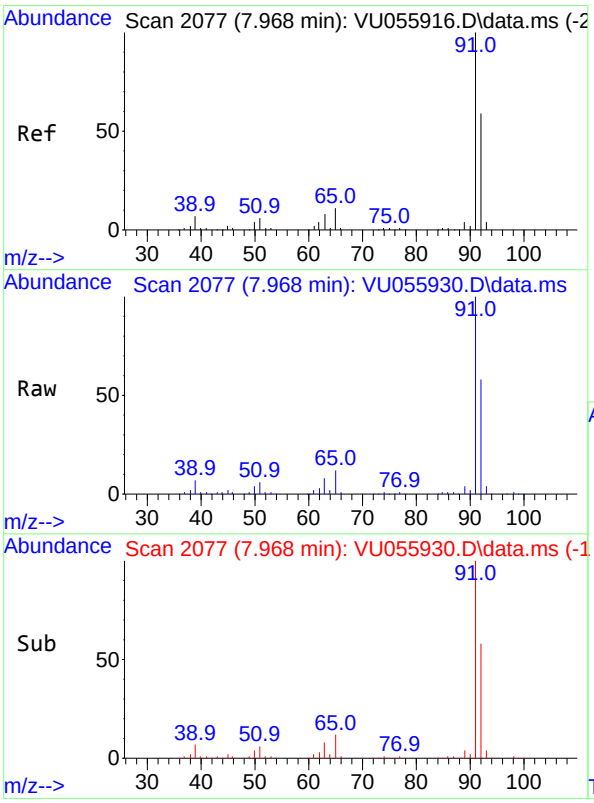


#33
Benzene
Concen: 0.480 ug/L
RT: 5.772 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU055930.D
Acq: 27 Oct 2023 17:55

Instrument :
MSVOA_U
ClientSampleId :
A49K1

Tgt Ion: 78 Resp: 38056

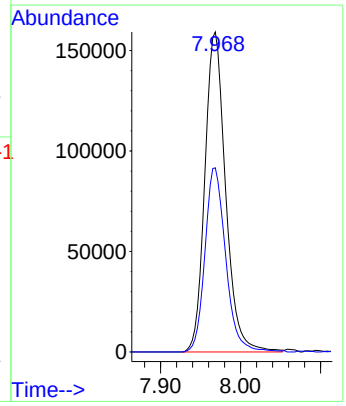


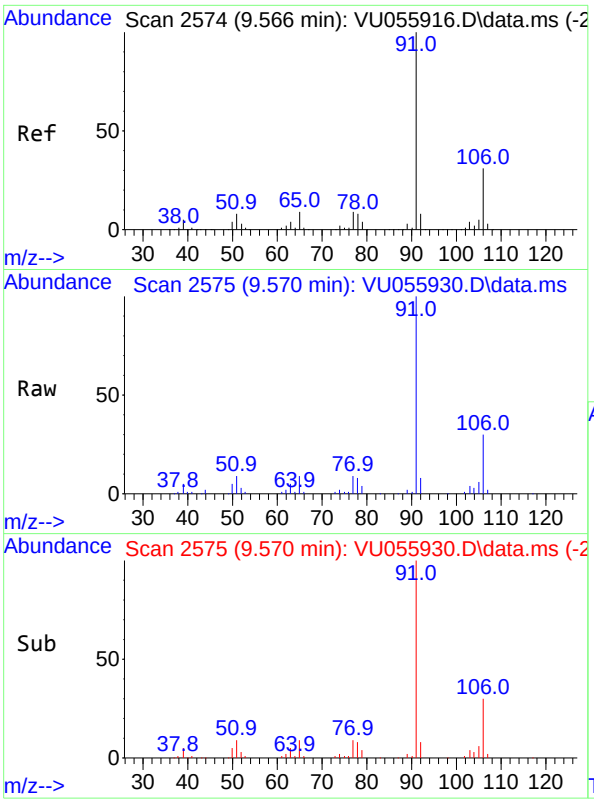


#42
Toluene
Concen: 3.479 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU055930.D
Acq: 27 Oct 2023 17:55

Tgt Ion: 91 Resp: 288160

Ion	Ratio	Lower	Upper
91	100		
92	57.5	40.6	75.4



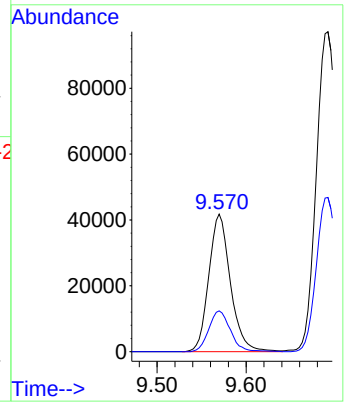


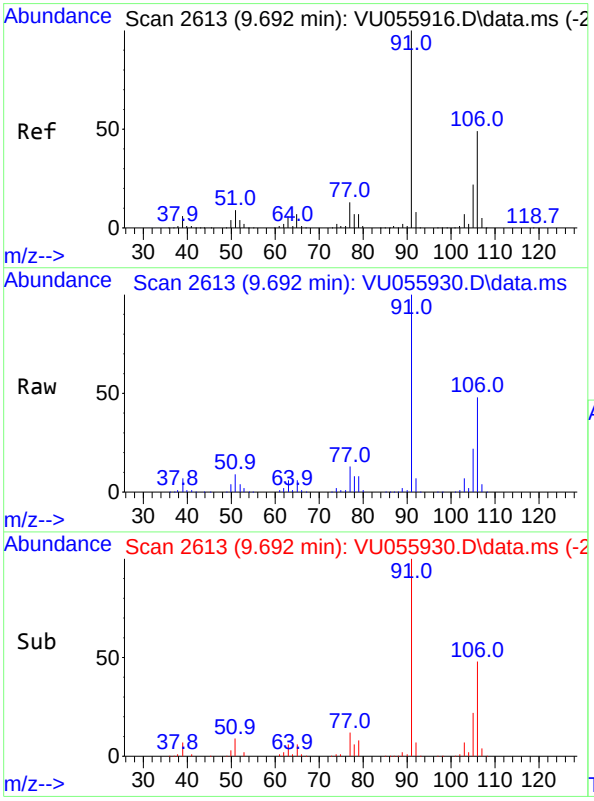
#52
Ethylbenzene
Concen: 0.750 ug/L
RT: 9.570 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055930.D
Acq: 27 Oct 2023 17:55

Instrument :
MSVOA_U
ClientSampleId :
A49K1

Tgt Ion: 91 Resp: 70451

Ion	Ratio	Lower	Upper
91	100		
106	29.6	21.3	39.5

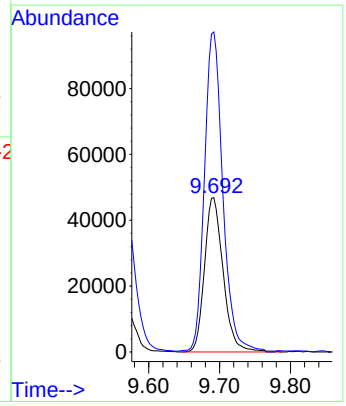


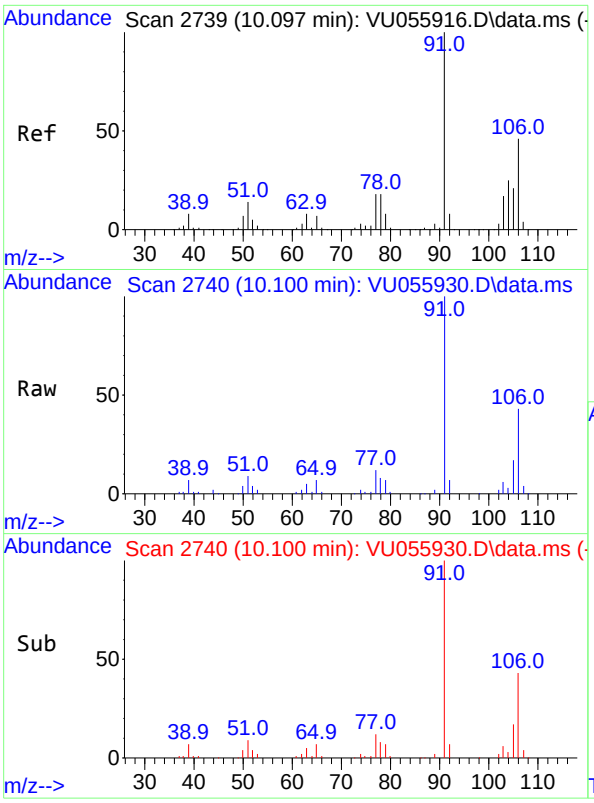


#53
m,p-Xylene
Concen: 2.443 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055930.D
Acq: 27 Oct 2023 17:55

Tgt Ion:106 Resp: 85713

Ion	Ratio	Lower	Upper
106	100		
91	207.5	150.4	279.2



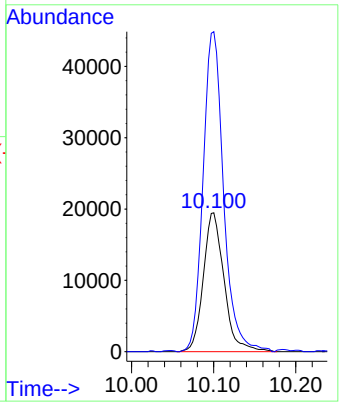


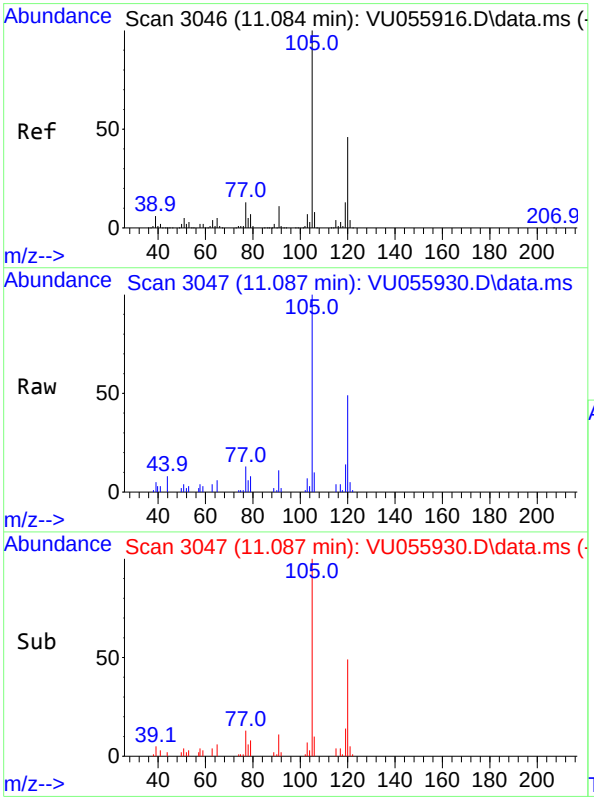
#54
o-Xylene
Concen: 0.996 ug/L
RT: 10.100 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055930.D
Acq: 27 Oct 2023 17:55

Instrument :
MSVOA_U
ClientSampleId :
A49K1

Tgt Ion:106 Resp: 34216

Ion	Ratio	Lower	Upper
106	100		
91	230.3	154.6	287.2

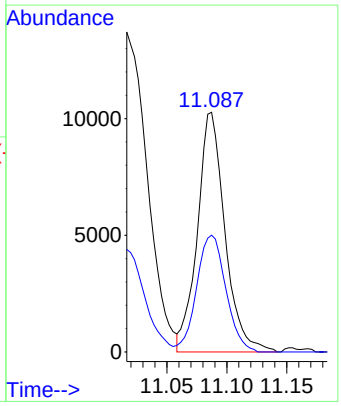


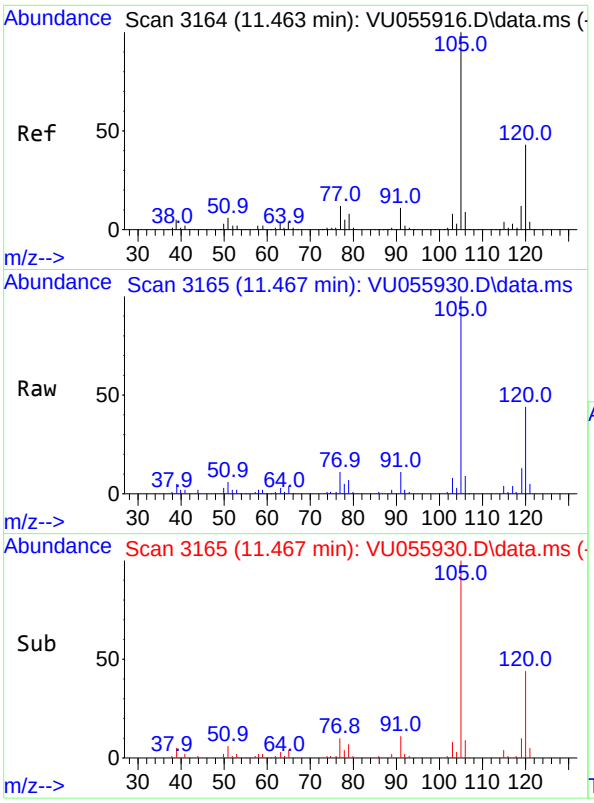


#62
1,3,5-Trimethylbenzene
Concen: 0.233 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU055930.D
Acq: 27 Oct 2023 17:55

Tgt Ion:105 Resp: 16431

Ion	Ratio	Lower	Upper
105	100		
120	51.8	37.4	56.2





#63
1,2,4-Trimethylbenzene
Concen: 0.973 ug/L
RT: 11.467 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU055930.D
Acq: 27 Oct 2023 17:55

Instrument :
MSVOA_U
ClientSampleId :
A49K1

Tgt Ion:105 Resp: 63751

Ion	Ratio	Lower	Upper
105	100		
120	41.0	34.6	52.0