Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032123\
Data File : VV030284.D
Acq On : 21 Mar 2023 18:10
Operator : SY/MD
Sample : 01947-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB939

Quant Time: Mar 22 06:08:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 22 06:04:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	119572	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	117902	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61797	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	39510	5.107	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.200%			
7) Chloroethane-d5	1.539	69	38152	5.253	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.000%			
11) 1,1-Dichloroethene-d2	2.063	63	65883	4.142	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.800%			
20) 2-Butanone-d5	3.815	46	69716	48.874	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.740%			
24) Chloroform-d	4.262	84	79745	5.046	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	4.953	65	41104	6.371	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 127.400%			
32) Benzene-d6	4.969	84	146784	4.627	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
36) 1,2-Dichloropropane-d6	5.998	67	41706	4.370	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.400%			
41) Toluene-d8	7.252	98	133406	4.436	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
43) trans-1,3-Dichloroprop...	7.564	79	15356	4.703	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.000%			
46) 2-Hexanone-d5	8.034	63	58880	43.585	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.180%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29403	4.330	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.600%			
66) 1,2-Dichlorobenzene-d4	11.570	152	55345	5.293	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.800%			
Target Compounds						Qvalue
13) Acetone	2.137	43	6758	6.410	ug/L #	41
17) Methyl tert-butyl Ether	2.712	73	7363	0.469	ug/L #	63
33) Benzene	5.024	78	4781	0.148	ug/L	100
42) Toluene	7.329	91	4515	0.129	ug/L	94
51) Chlorobenzene	8.824	112	51823	2.203	ug/L	99
53) m,p-Xylene	9.085	106	2438	0.167	ug/L	88
54) o-Xylene	9.487	106	2063	0.148	ug/L	76
65) 1,4-Dichlorobenzene	11.217	146	2735	0.146	ug/L	86

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

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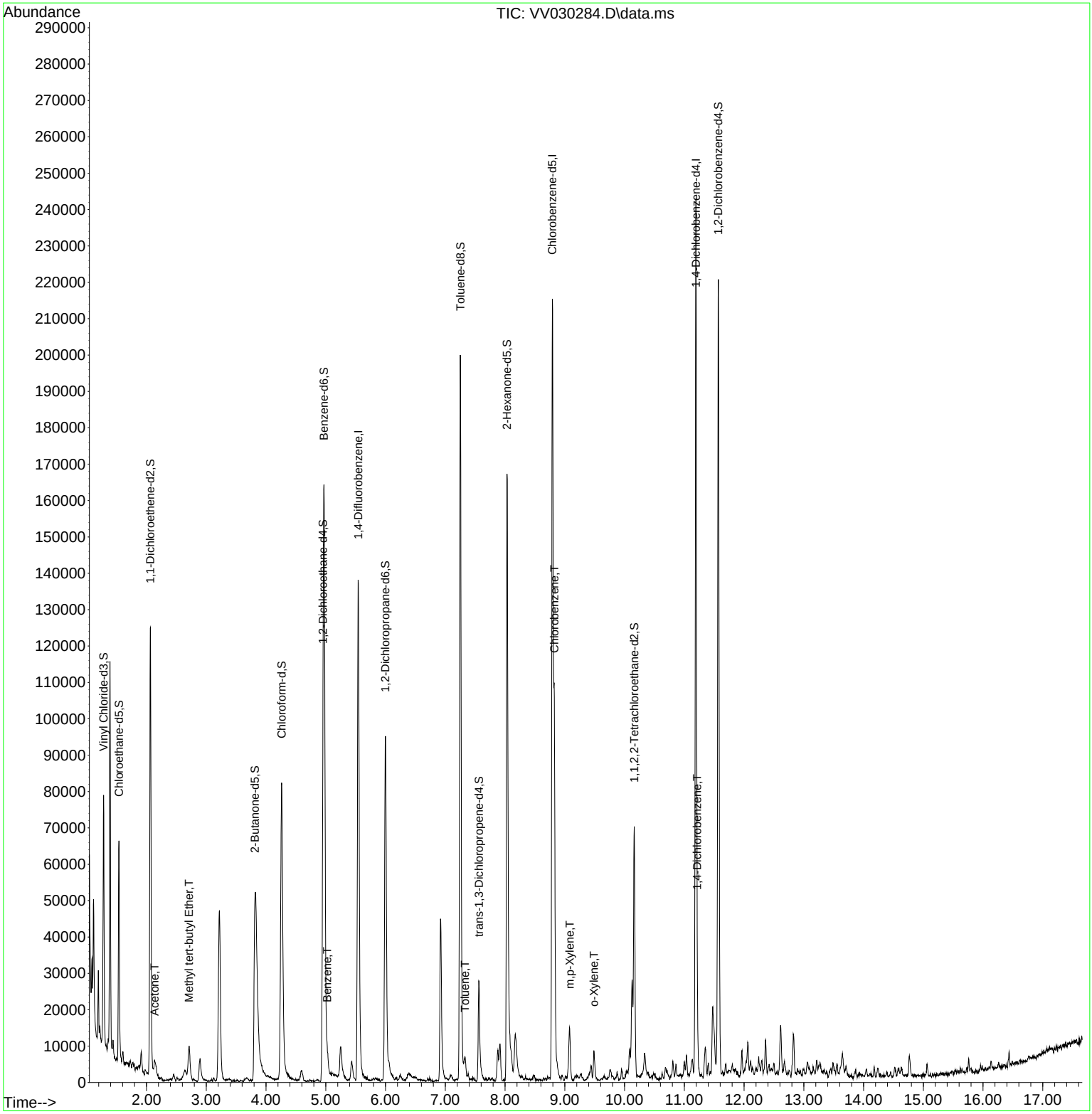
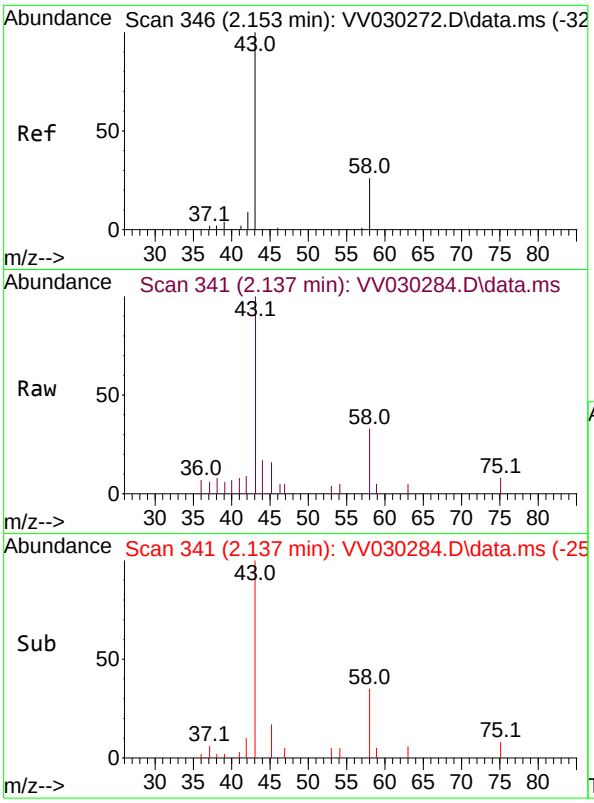


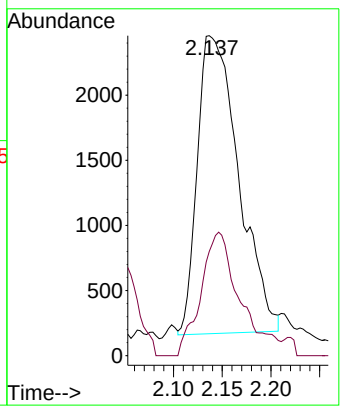


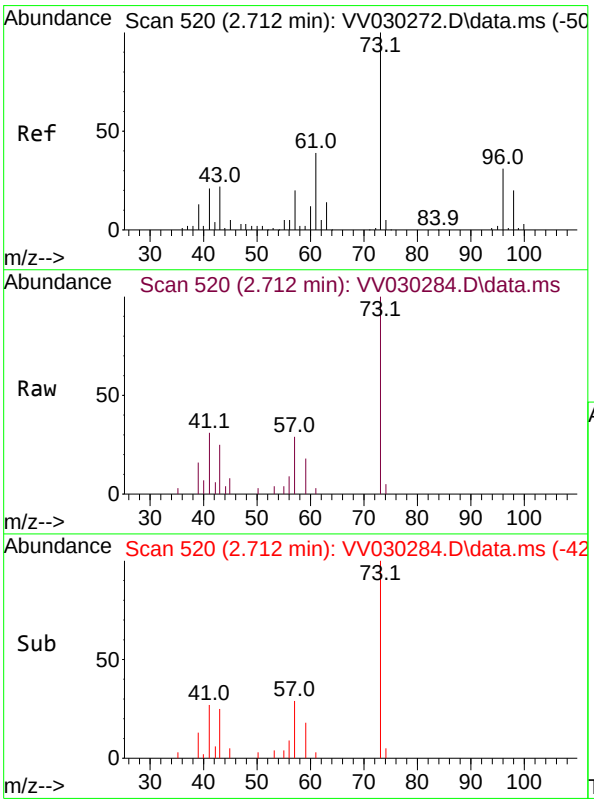
#13
Acetone
Concen: 6.410 ug/L
RT: 2.137 min Scan# 34
Delta R.T. -0.016 min
Lab File: VV030284.D
Acq: 21 Mar 2023 18:10

Instrument :
MSVOA_V
ClientSampleId :
CB939

Tgt Ion: 43 Resp: 6758

Ion	Ratio	Lower	Upper
43	100		
58	39.1	0.0	29.4#

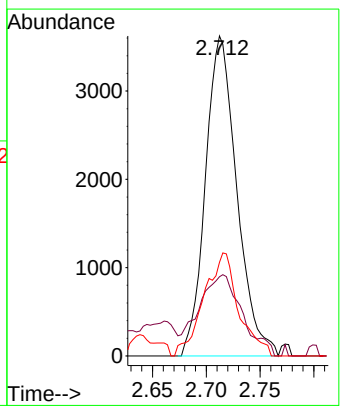


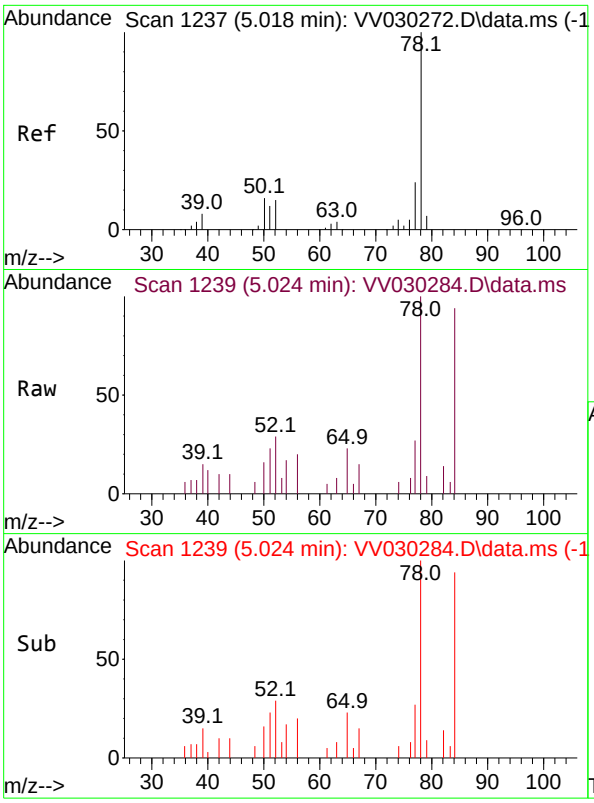


#17
Methyl tert-butyl Ether
Concen: 0.469 ug/L
RT: 2.712 min Scan# 520
Delta R.T. -0.000 min
Lab File: VV030284.D
Acq: 21 Mar 2023 18:10

Tgt Ion: 73 Resp: 7363

Ion	Ratio	Lower	Upper
73	100		
43	35.5	13.4	20.2#
57	35.7	16.8	25.2#

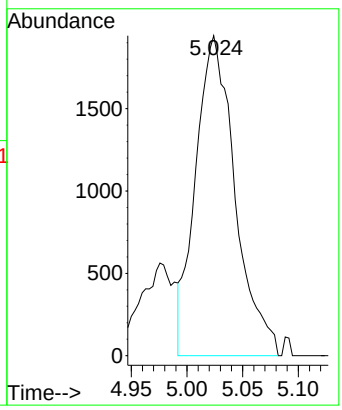


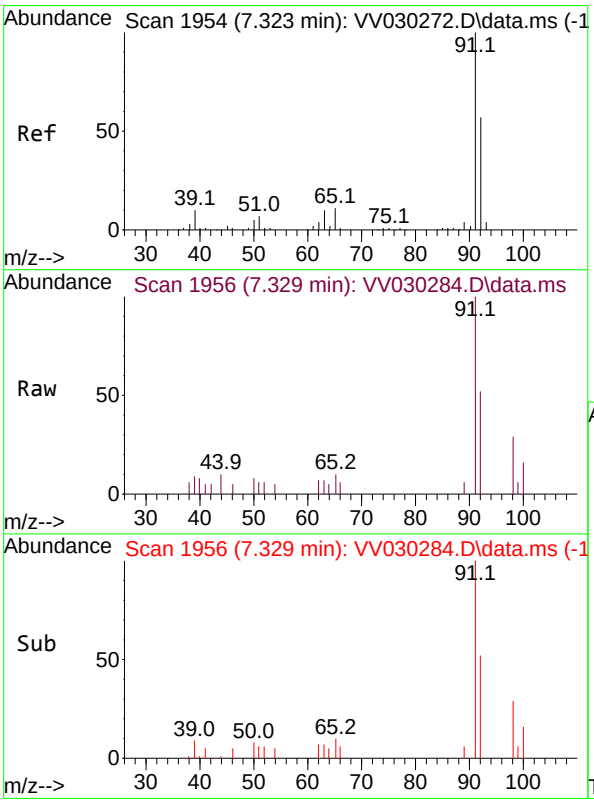


#33
Benzene
Concen: 0.148 ug/L
RT: 5.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV030284.D
Acq: 21 Mar 2023 18:10

Instrument :
MSVOA_V
ClientSampleId :
CB939

Tgt Ion: 78 Resp: 4781

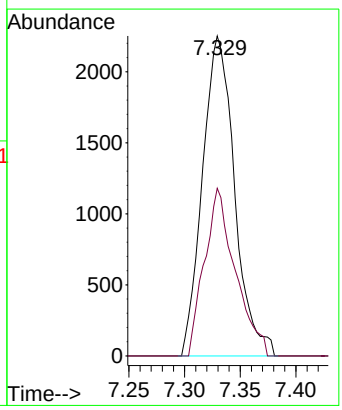


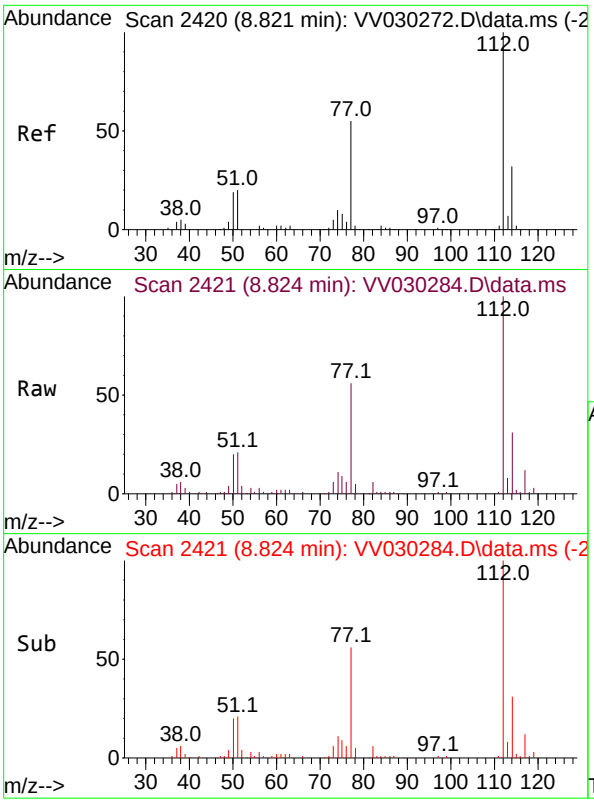


#42
Toluene
Concen: 0.129 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VV030284.D
Acq: 21 Mar 2023 18:10

Tgt Ion: 91 Resp: 4515

Ion	Ratio	Lower	Upper
91	100		
92	52.4	39.6	73.6



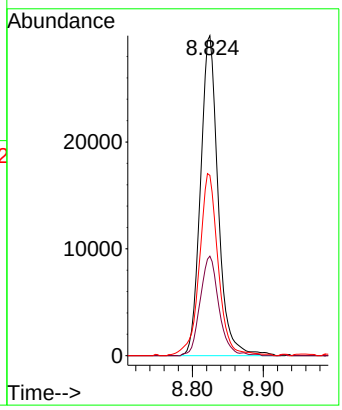


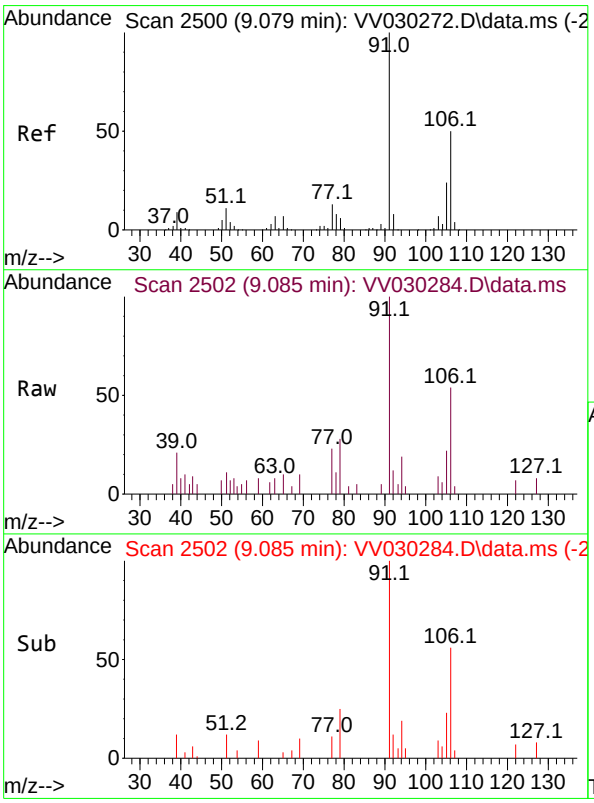
#51
Chlorobenzene
Concen: 2.203 ug/L
RT: 8.824 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV030284.D
Acq: 21 Mar 2023 18:10

Instrument :
MSVOA_V
ClientSampleId :
CB939

Tgt Ion:112 Resp: 51823

Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.5	41.7
77	56.3	45.3	67.9

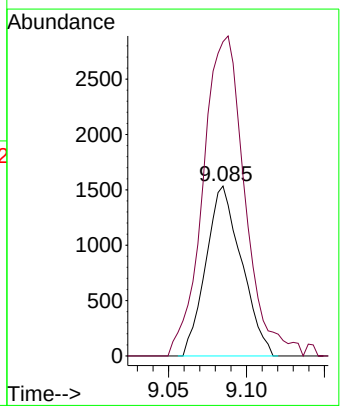


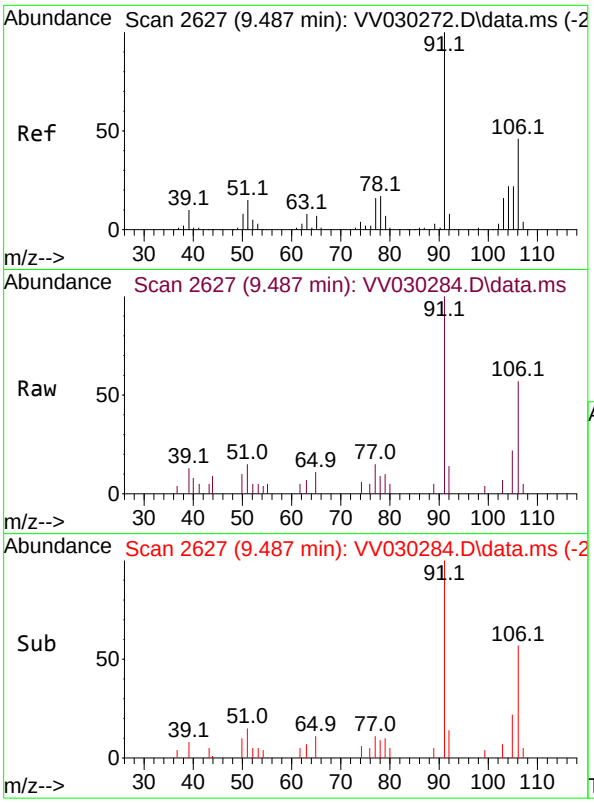


#53
m,p-Xylene
Concen: 0.167 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.006 min
Lab File: VV030284.D
Acq: 21 Mar 2023 18:10

Tgt Ion:106 Resp: 2438

Ion	Ratio	Lower	Upper
106	100		
91	184.9	142.5	264.7



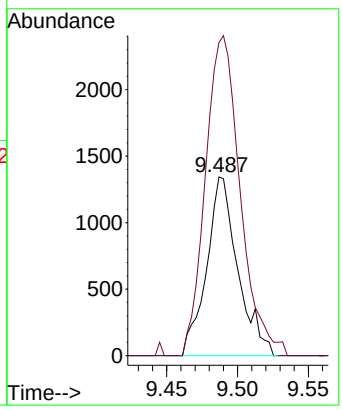


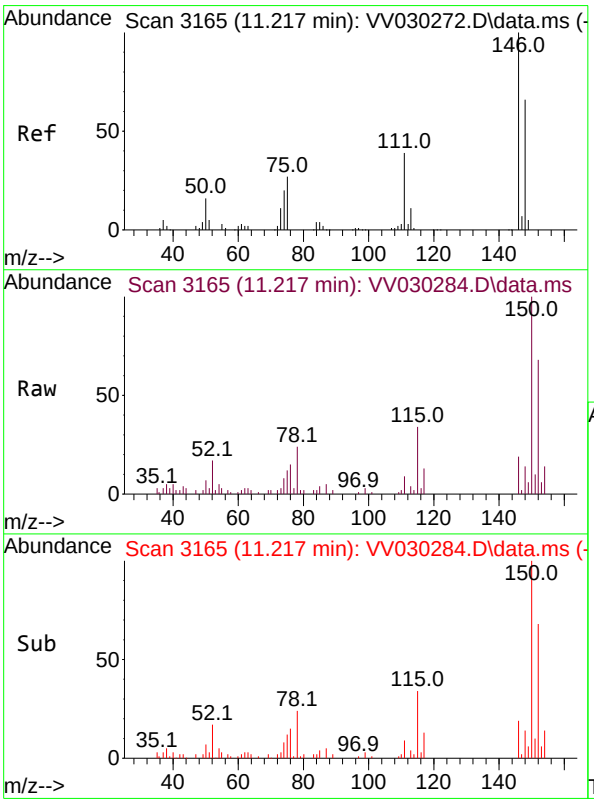
#54
o-Xylene
Concen: 0.148 ug/L
RT: 9.487 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV030284.D
Acq: 21 Mar 2023 18:10

Instrument :
MSVOA_V
ClientSampleId :
CB939

Tgt Ion:106 Resp: 2063

Ion	Ratio	Lower	Upper
106	100		
91	175.4	148.8	276.4





#65
1,4-Dichlorobenzene
Concen: 0.146 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030284.D
Acq: 21 Mar 2023 18:10

Tgt Ion:146 Resp: 2735

Ion	Ratio	Lower	Upper
146	100		
111	45.9	27.4	51.0
148	75.0	44.1	81.9