Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
Data File : VU050004.D
Acq On : 28 Jul 2022 23:21
Operator : SY/MD
Sample : N3879-14DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBUH7DL

Quant Time: Jul 29 06:39:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 05:04:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	73755	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	74025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30909	4.881	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.600%			
7) Chloroethane-d5	1.912	69	25825	5.678	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 113.600%			
11) 1,1-Dichloroethene-d2	2.562	65	11358	5.204	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.000%			
20) 2-Butanone-d5	4.658	46	95307	67.609	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 135.220%#			
24) Chloroform-d	5.063	84	58894	5.620	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.400%			
26) 1,2-Dichloroethane-d4	5.706	65	31428	5.952	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.000%			
32) Benzene-d6	5.726	84	113200	5.175	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.600%			
36) 1,2-Dichloropropane-d6	6.694	67	40425	5.641	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.800%			
41) Toluene-d8	7.899	98	86718	4.460	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.200%			
43) trans-1,3-Dichloroprop...	8.182	79	12805	5.098	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.000%			
46) 2-Hexanone-d5	8.642	63	52414	55.748	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.500%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35968	5.974	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 119.400%			
66) 1,2-Dichlorobenzene-d4	12.195	152	30237	5.607	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.200%			
Target Compounds						Qvalue
16) Methylene chloride	3.041	84	6927	1.107	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	911	0.170	ug/L #	70
27) 1,2-Dichloroethane	5.800	62	1391	0.242	ug/L #	73
30) Cyclohexane	5.382	56	1592	0.240	ug/L #	89
33) Benzene	5.771	78	5392	0.250	ug/L	100
35) Methylcyclohexane	6.758	83	1144	0.165	ug/L	97
47) Tetrachloroethene	8.552	164	22483	5.948	ug/L	97
53) m,p-Xylene	9.700	106	1469	0.179	ug/L	88
54) o-Xylene	10.102	106	1173	0.148	ug/L	69

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

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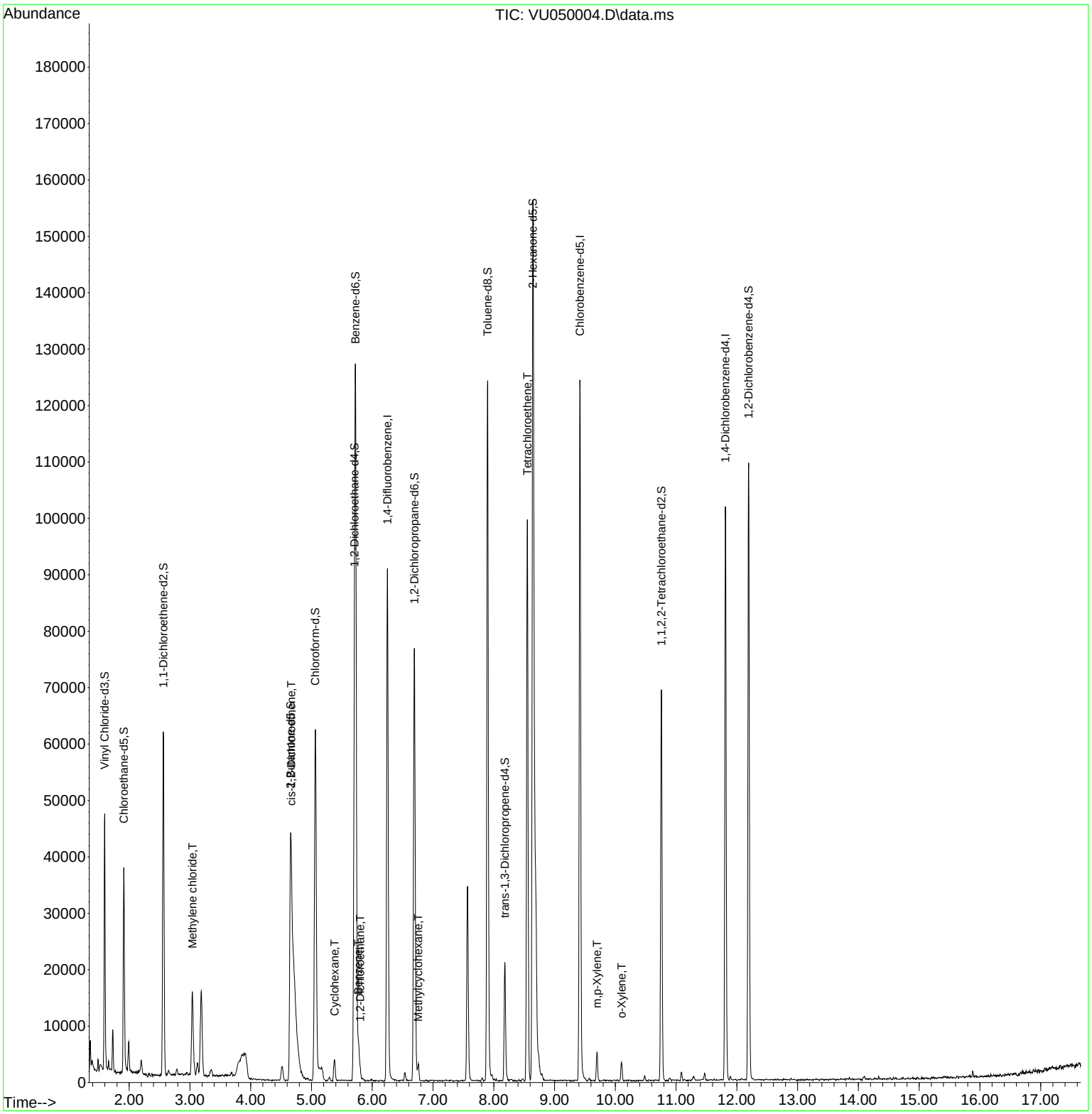
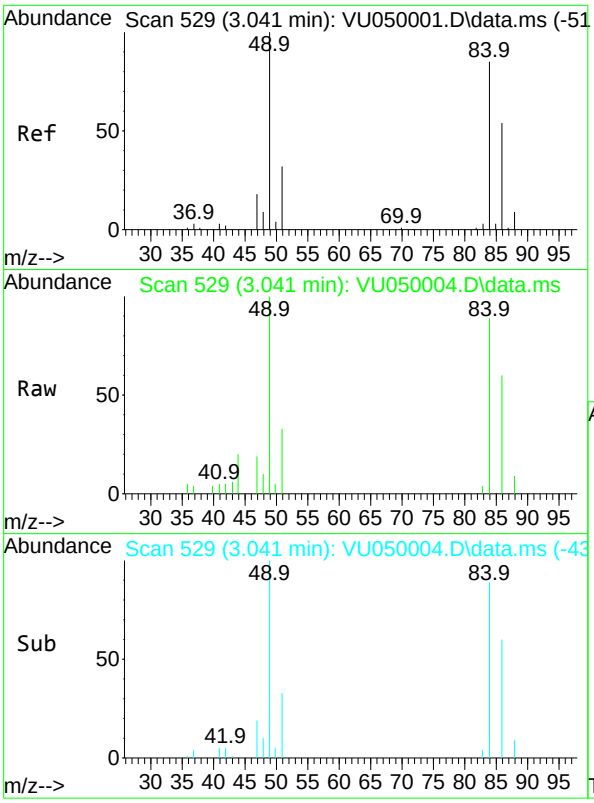


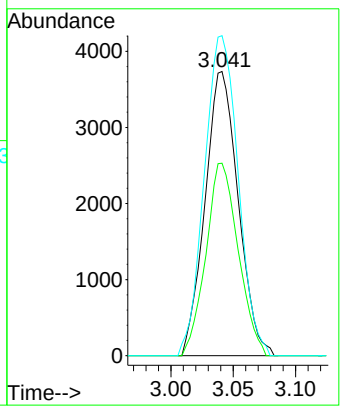


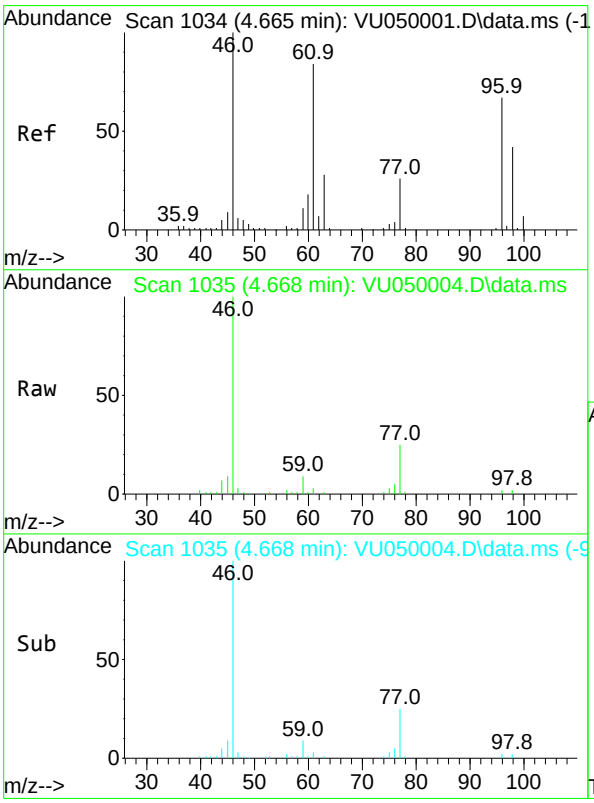
#16
Methylene chloride
Concen: 1.107 ug/L
RT: 3.041 min Scan# 5
Delta R.T. 0.000 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Instrument :
MSVOA_U
ClientSampleId :
DBUH7DL

Tgt Ion: 84 Resp: 6927

Ion	Ratio	Lower	Upper
84	100		
86	67.8	45.2	84.0
49	118.4	77.6	144.0

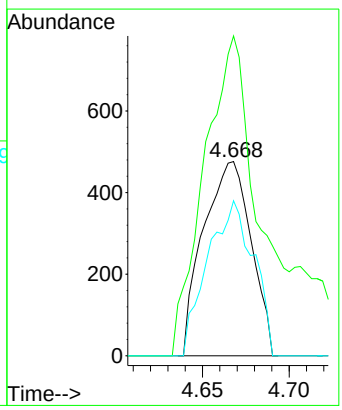


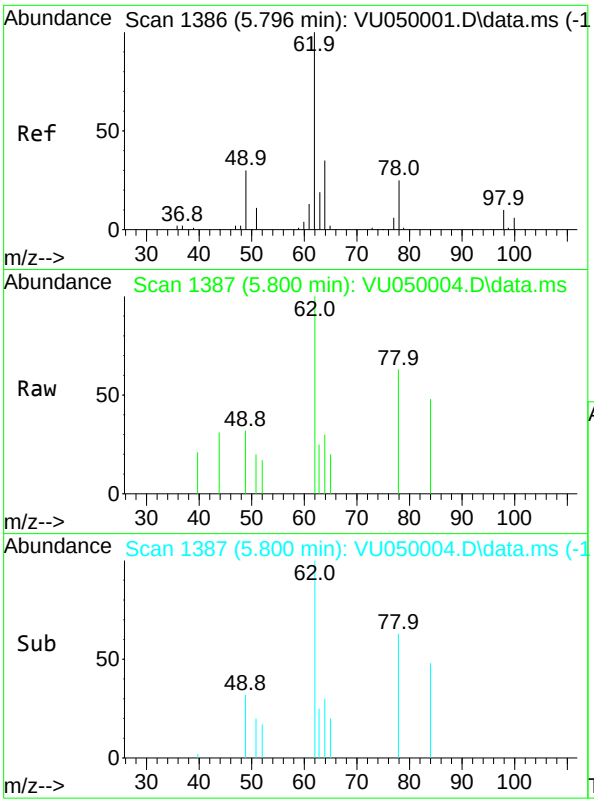


#22
cis-1,2-Dichloroethene
Concen: 0.170 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Tgt Ion: 96 Resp: 911

Ion	Ratio	Lower	Upper
96	100		
61	164.7	87.2	161.9#
98	79.8	44.7	83.1



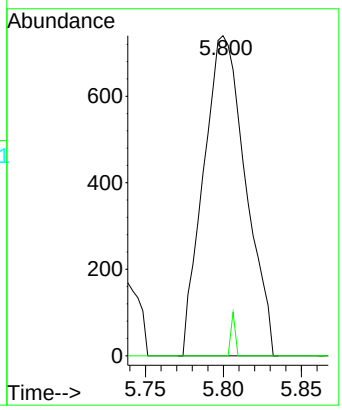


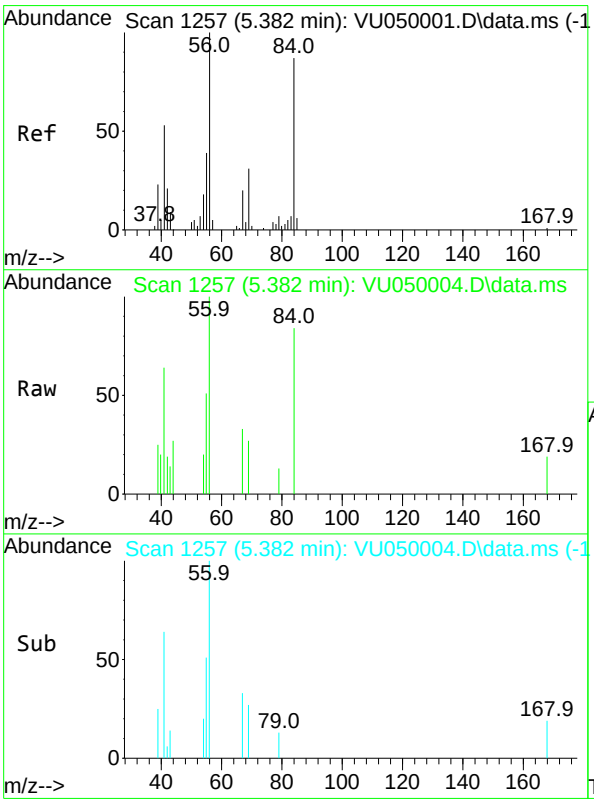
#27
1,2-Dichloroethane
Concen: 0.242 ug/L
RT: 5.800 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Instrument :
MSVOA_U
ClientSampleId :
DBUH7DL

Tgt Ion: 62 Resp: 1391

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#

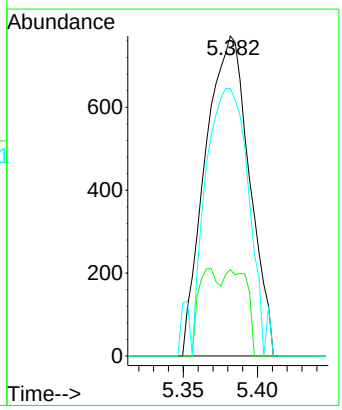


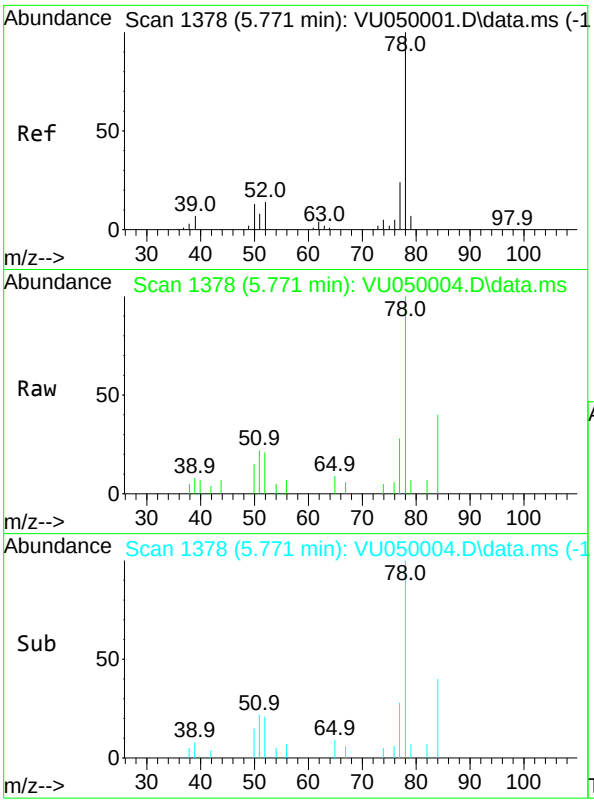


#30
Cyclohexane
Concen: 0.240 ug/L
RT: 5.382 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Tgt Ion: 56 Resp: 1592

Ion	Ratio	Lower	Upper
56	100		
69	13.9	25.1	37.7#
84	84.0	70.1	105.1

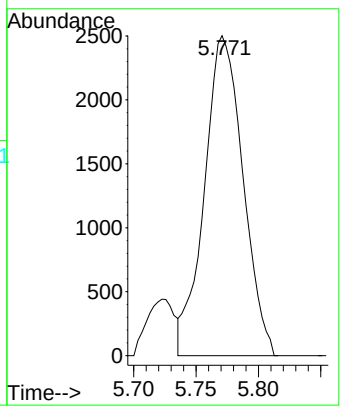


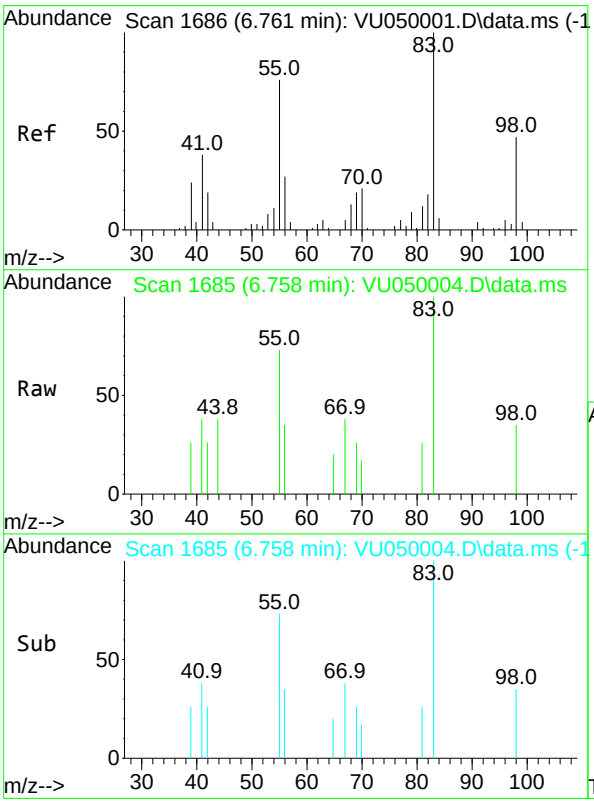


#33
Benzene
Concen: 0.250 ug/L
RT: 5.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Instrument :
MSVOA_U
ClientSampleId :
DBUH7DL

Tgt Ion: 78 Resp: 5392

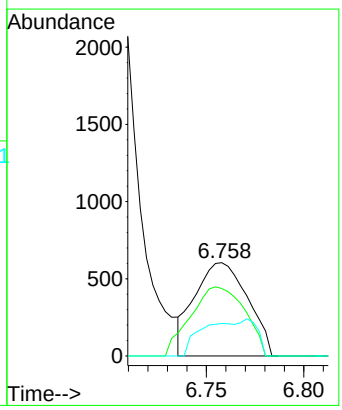


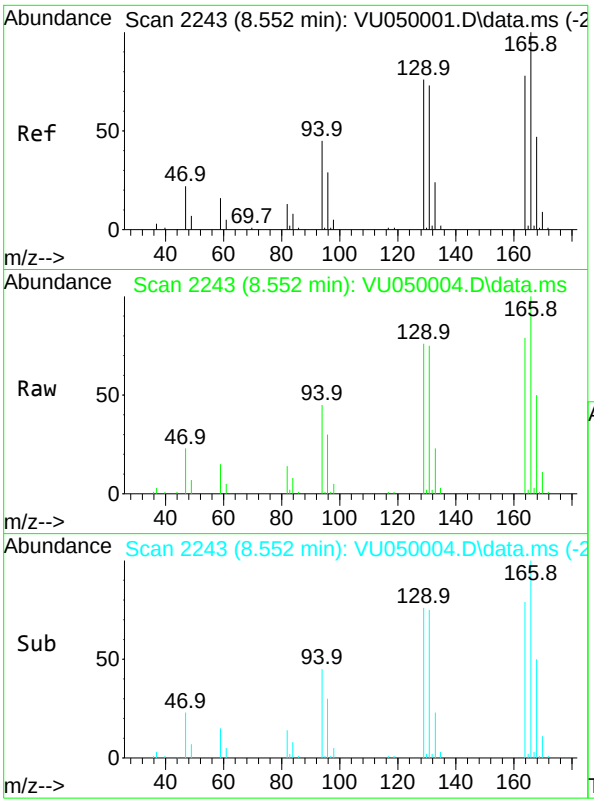


#35
Methylcyclohexane
Concen: 0.165 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Tgt Ion: 83 Resp: 1144

Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.6	92.4
98	39.2	34.8	52.2



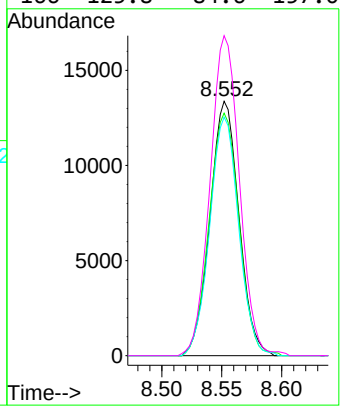


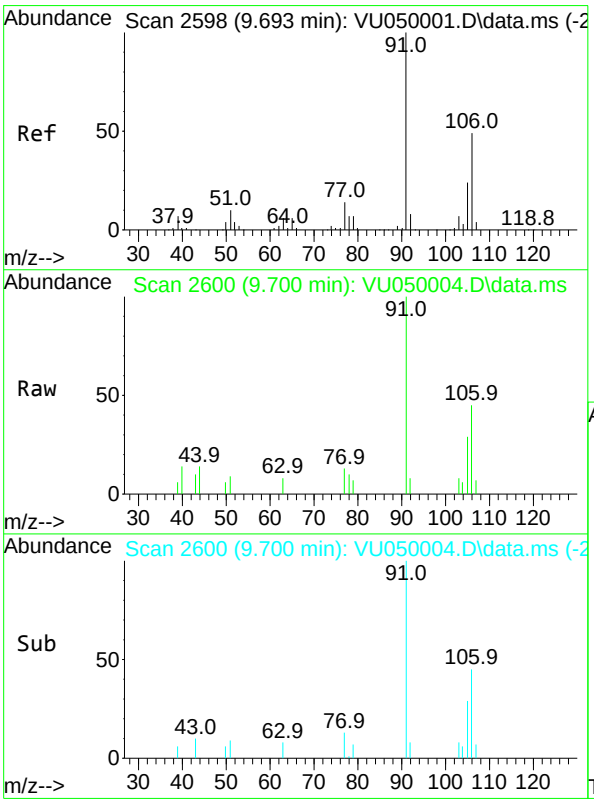
#47
Tetrachloroethene
Concen: 5.948 ug/L
RT: 8.552 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Instrument :
MSVOA_U
ClientSampleId :
DBUH7DL

Tgt Ion:164 Resp: 22483

Ion	Ratio	Lower	Upper
164	100		
129	95.4	66.3	123.1
131	93.8	63.1	117.1
166	125.8	84.6	157.0

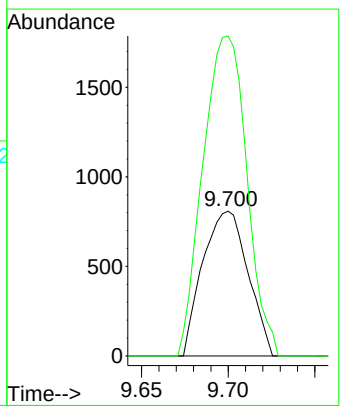


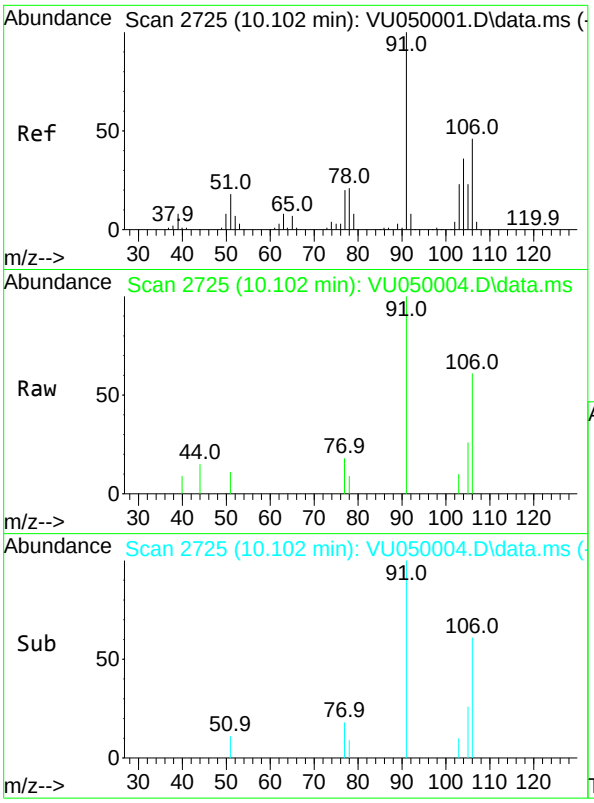


#53
m,p-Xylene
Concen: 0.179 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.007 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Tgt Ion:106 Resp: 1469

Ion	Ratio	Lower	Upper
106	100		
91	221.2	142.4	264.4





#54
o-Xylene
Concen: 0.148 ug/L
RT: 10.102 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU050004.D
Acq: 28 Jul 2022 23:21

Instrument :
MSVOA_U
ClientSampleId :
DBUH7DL

Tgt Ion:106 Resp: 1173

Ion	Ratio	Lower	Upper
106	100		
91	163.5	148.7	276.1