Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041522\
Data File : VV025565.D
Acq On : 15 Apr 2022 14:09
Operator : SY/MD
Sample : N2356-10DL 100X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBDS8DL

Quant Time: Apr 16 02:42:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 16 02:38:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	158880	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	155253	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	54467	3.687	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.800%			
7) Chloroethane-d5	1.574	69	54091	3.442	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 68.800%			
11) 1,1-Dichloroethene-d2	2.114	63	83774	2.831	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.600%#			
20) 2-Butanone-d5	3.899	46	92233	51.333	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.660%			
24) Chloroform-d	4.352	84	96383	4.318	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
26) 1,2-Dichloroethane-d4	5.037	65	46258	4.810	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.200%			
32) Benzene-d6	5.053	84	186723	4.157	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
36) 1,2-Dichloropropane-d6	6.072	67	58198	4.646	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.317	98	157634	3.781	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.600%			
43) trans-1,3-Dichloroprop...	7.625	79	16046	3.811	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.200%			
46) 2-Hexanone-d5	8.092	63	60080	40.654	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.300%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33162	4.190	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	52259	4.419	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.400%			
Target Compounds						Qvalue
16) Methylene chloride	2.513	84	3264	0.244	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	3976	0.327	ug/L	98
30) Cyclohexane	4.683	56	7671	0.461	ug/L	92
33) Benzene	5.101	78	386845	8.435	ug/L	100
35) Methylcyclohexane	6.133	83	1550	0.080	ug/L #	70
52) Ethylbenzene	9.024	91	2275	0.043	ug/L	99
53) m,p-Xylene	9.149	106	2174	0.107	ug/L	74
60) Isopropylbenzene	9.934	105	2721	0.062	ug/L #	96

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

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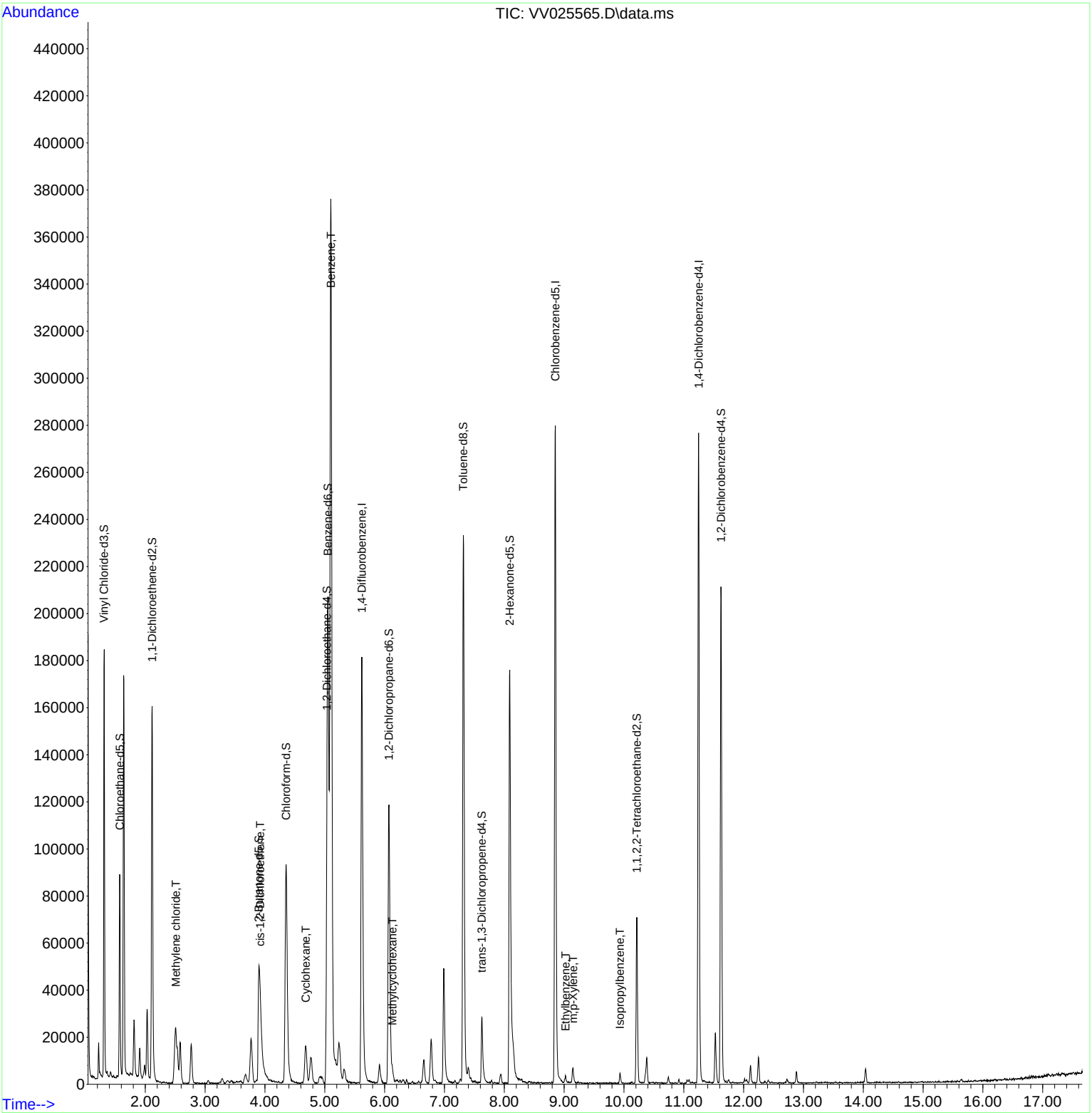
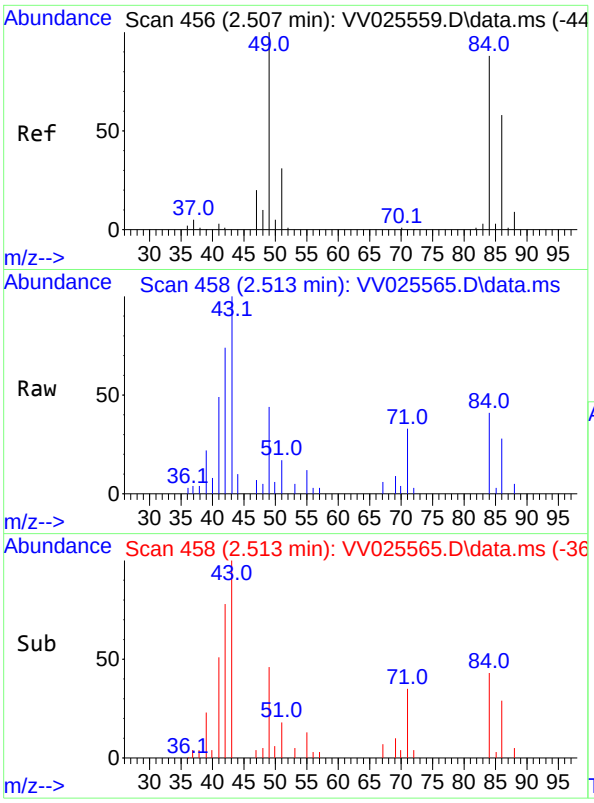


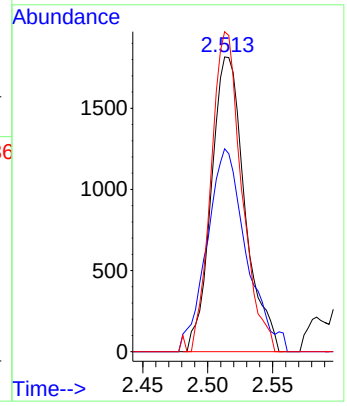


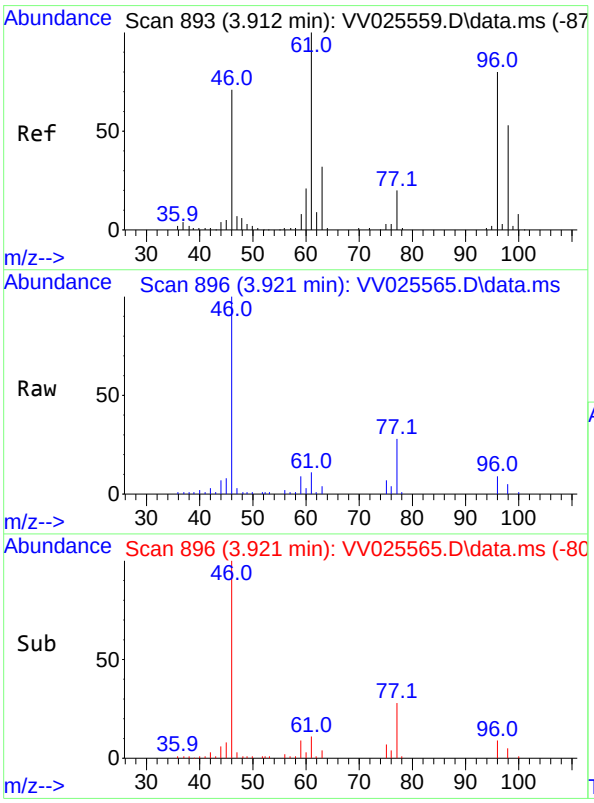
#16
Methylene chloride
Concen: 0.244 ug/L
RT: 2.513 min Scan# 4
Delta R.T. 0.006 min
Lab File: VV025565.D
Acq: 15 Apr 2022 14:09

Instrument :
MSVOA_V
ClientSampleId :
GBDS8DL

Tgt Ion: 84 Resp: 3264

Ion	Ratio	Lower	Upper
84	100		
86	68.8	45.9	85.3
49	108.6	76.6	142.3

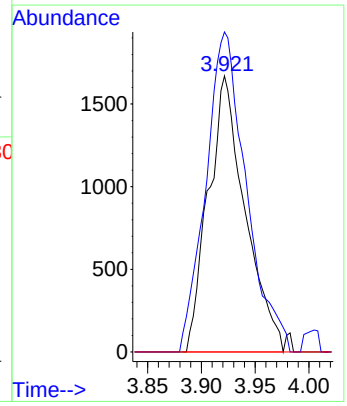


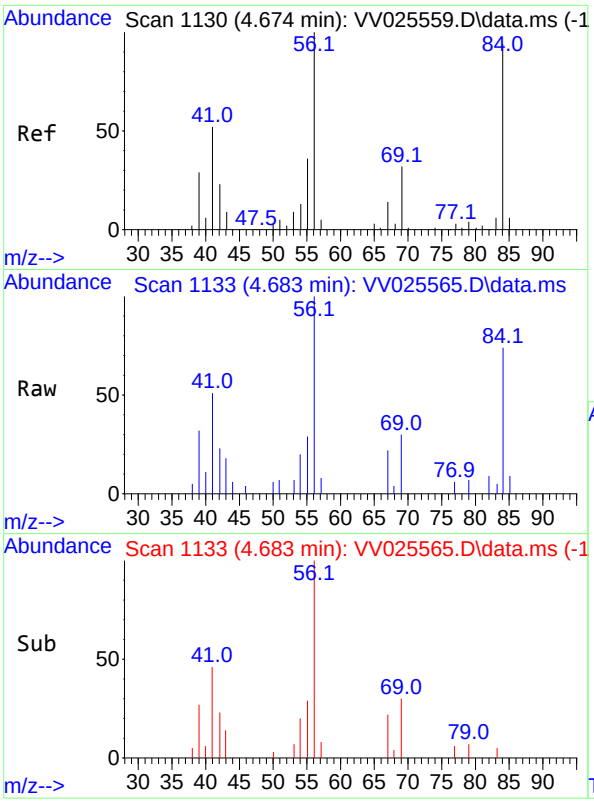


#22
cis-1,2-Dichloroethene
Concen: 0.327 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.010 min
Lab File: VV025565.D
Acq: 15 Apr 2022 14:09

Tgt Ion: 96 Resp: 3976

Ion	Ratio	Lower	Upper
96	100		
61	115.9	80.0	148.6
68	0.0	0.0	0.0



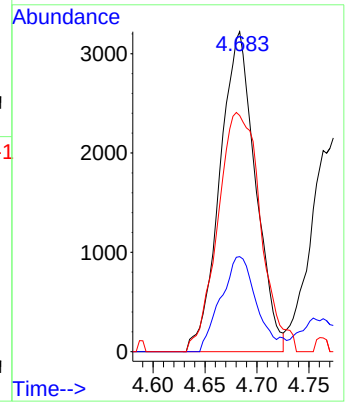


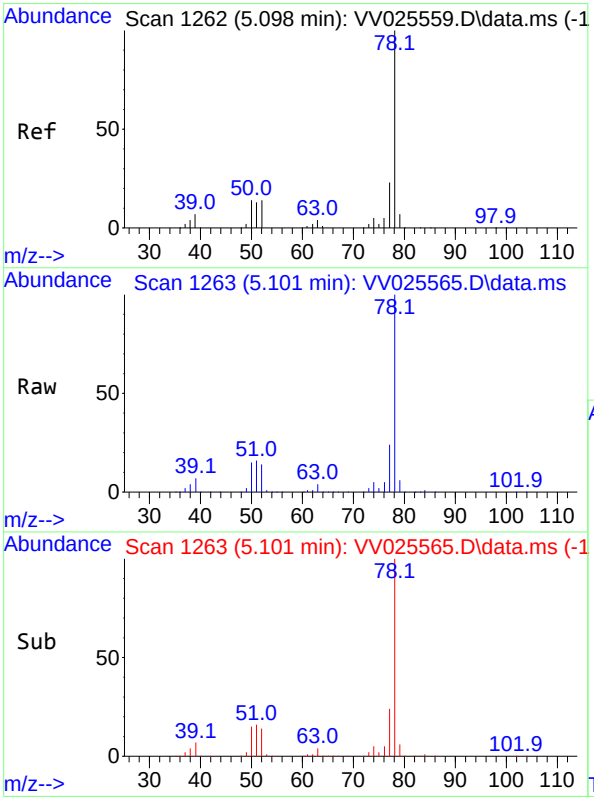
#30
Cyclohexane
Concen: 0.461 ug/L
RT: 4.683 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025565.D
Acq: 15 Apr 2022 14:09

Instrument :
MSVOA_V
ClientSampleId :
GBDS8DL

Tgt Ion: 56 Resp: 7671

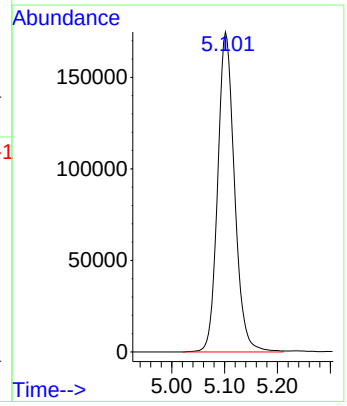
Ion	Ratio	Lower	Upper
56	100		
69	29.3	26.1	39.1
84	89.8	78.6	118.0

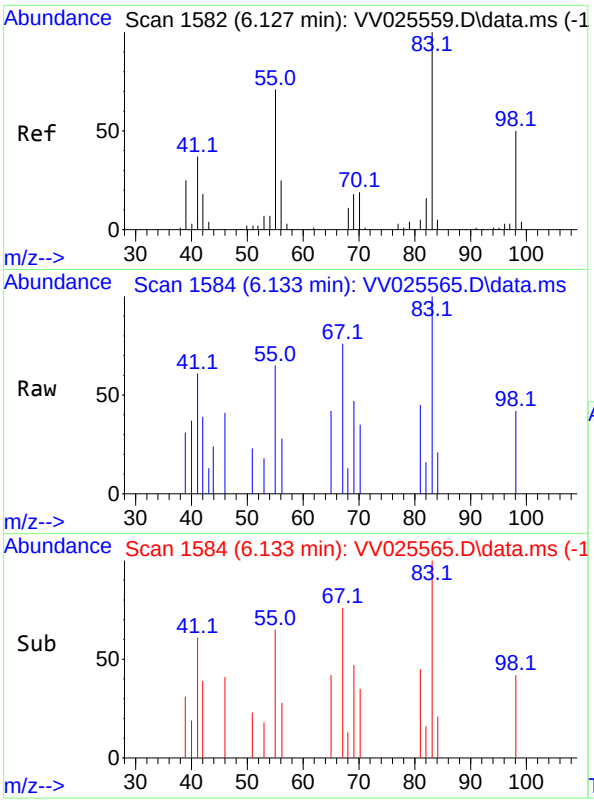




#33
Benzene
Concen: 8.435 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV025565.D
Acq: 15 Apr 2022 14:09

Tgt Ion: 78 Resp: 386845



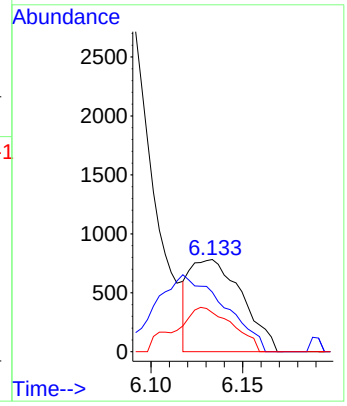


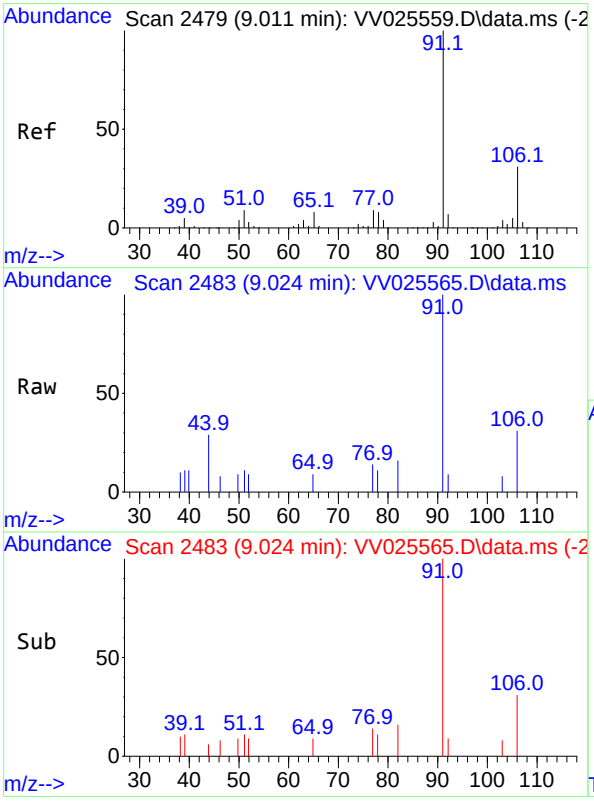
#35
Methylcyclohexane
Concen: 0.080 ug/L
RT: 6.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV025565.D
Acq: 15 Apr 2022 14:09

Instrument :
MSVOA_V
ClientSampleId :
GBDS8DL

Tgt Ion: 83 Resp: 1550

Ion	Ratio	Lower	Upper
83	100		
55	107.1	53.7	80.5#
98	52.1	39.6	59.4

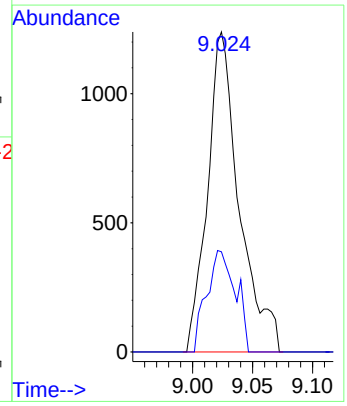


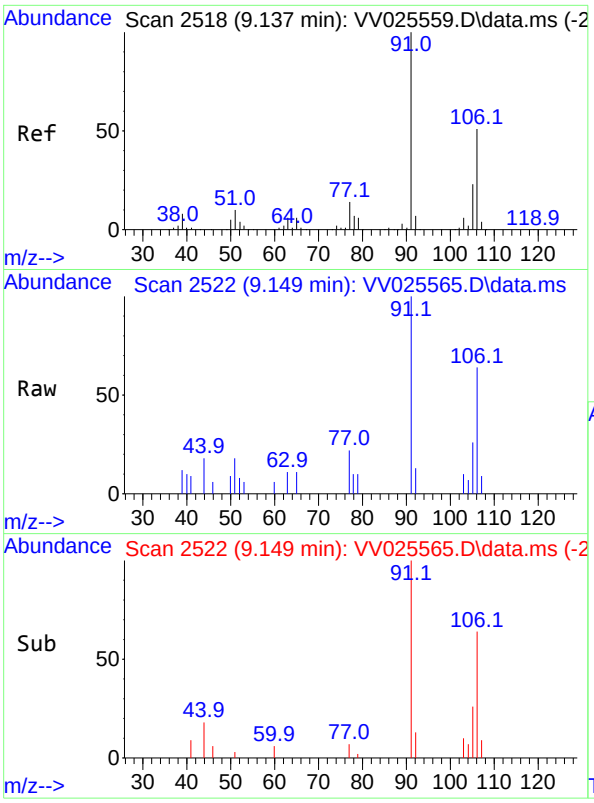


#52
Ethylbenzene
Concen: 0.043 ug/L
RT: 9.024 min Scan# 2483
Delta R.T. 0.013 min
Lab File: VV025565.D
Acq: 15 Apr 2022 14:09

Tgt Ion: 91 Resp: 2275

Ion	Ratio	Lower	Upper
91	100		
106	31.3	22.3	41.3



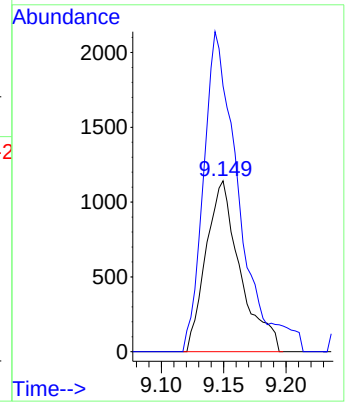


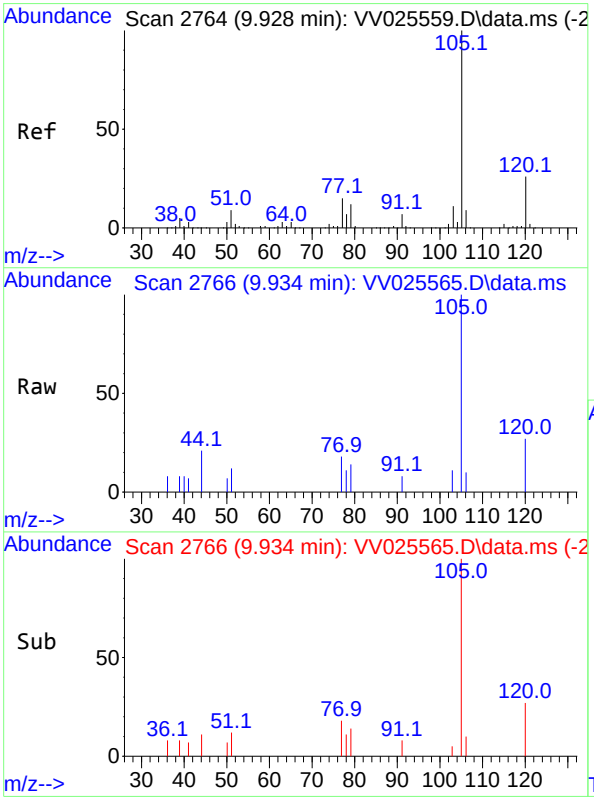
#53
m,p-Xylene
Concen: 0.107 ug/L
RT: 9.149 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV025565.D
Acq: 15 Apr 2022 14:09

Instrument :
MSVOA_V
ClientSampleId :
GBDS8DL

Tgt Ion:106 Resp: 2174

Ion	Ratio	Lower	Upper
106	100		
91	155.6	136.4	253.4





#60
Isopropylbenzene
Concen: 0.062 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VV025565.D
Acq: 15 Apr 2022 14:09

Tgt Ion:105 Resp: 2721

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.2	31.8
77	18.9	12.2	18.2#