Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025580.D
Acq On : 07 Dec 2021 15:30
Operator : JC/MD
Sample : M4883-04ME
Misc : 4.67g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9G0ME

Quant Time: Dec 08 05:35:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 05:26:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	103497	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	92076	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	45446	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24241	34.320	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.640%			
7) Chloroethane-d5	1.648	69	13207	22.655	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 45.320%#			
11) 1,1-Dichloroethene-d2	2.282	63	38222	33.939	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.880%			
21) 2-Butanone-d5	4.495	46	44105	83.884	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.880%			
24) Chloroform-d	5.068	84	54226	43.928	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.860%			
26) 1,2-Dichloroethane-d4	5.964	65	35819	46.552	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.100%			
32) Benzene-d6	5.971	84	116219	47.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.240%			
36) 1,2-Dichloropropane-d6	7.312	67	35066	46.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.820%			
41) Toluene-d8	8.653	98	105176	45.662	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.320%			
43) trans-1,3-Dichloroprop...	8.958	79	11931	31.409	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.820%			
47) 2-Hexanone-d5	9.403	63	31993	81.347	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.350%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	46569	43.612	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.220%			
66) 1,2-Dichlorobenzene-d4	12.323	152	42857	48.081	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.160%			
Target Compounds						Qvalue
29) Cyclohexane	5.471	56	1390	1.474	ug/L #	80
34) Trichloroethene	7.129	95	26757	41.357	ug/L	98
35) Methylcyclohexane	7.379	83	5850	5.745	ug/L	98
42) Toluene	8.720	91	10123	3.732	ug/L	98
46) Tetrachloroethene	9.275	164	2289	4.172	ug/L	91
52) Ethylbenzene	10.195	91	2354	0.807	ug/L	98
53) m,p-Xylene	10.305	106	2918	2.471	ug/L	90
54) o-Xylene	10.646	106	2678	2.265	ug/L	90
63) 1,2,4-Trimethylbenzene	11.756	105	3529	1.430	ug/L #	81

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

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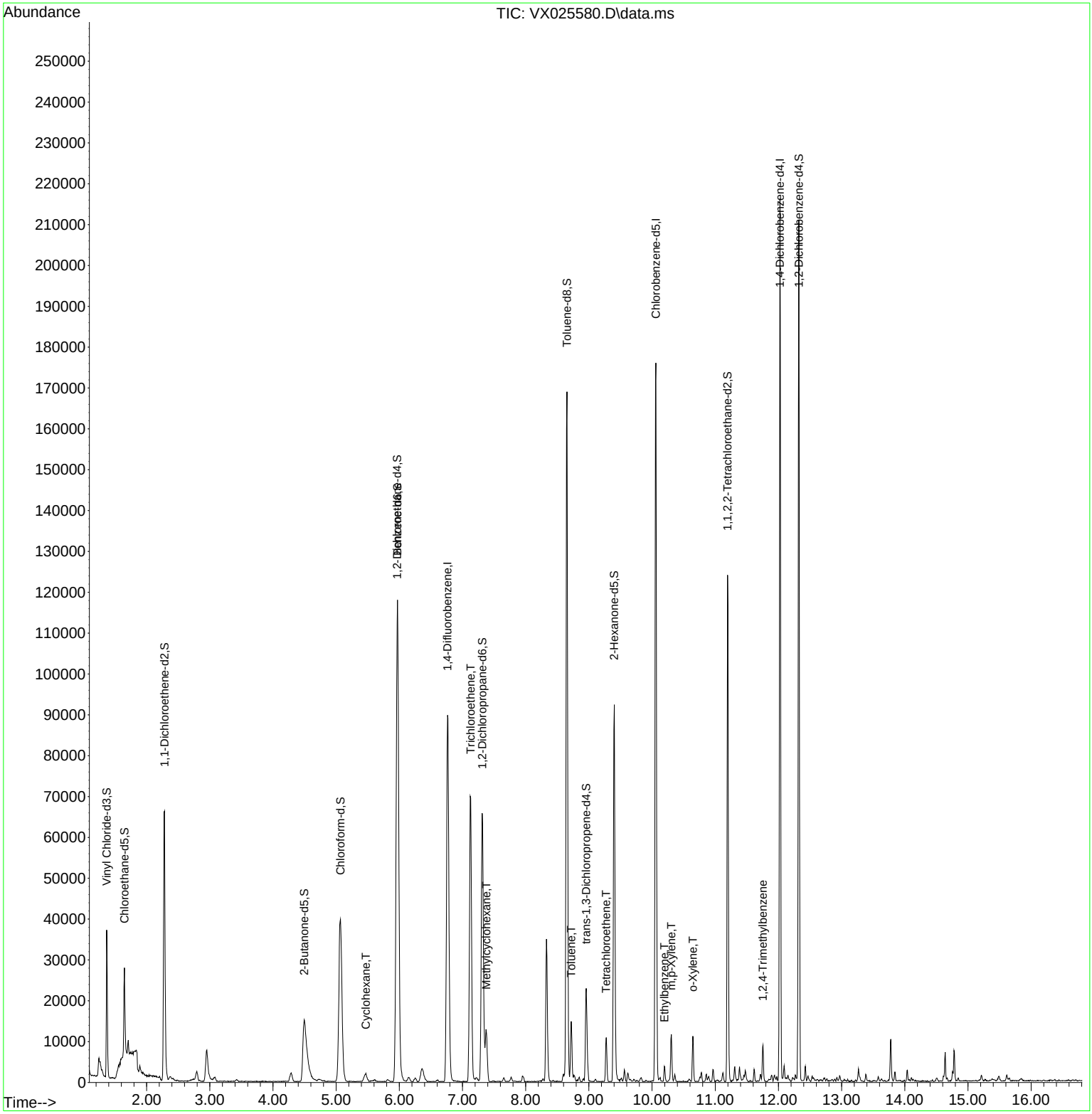
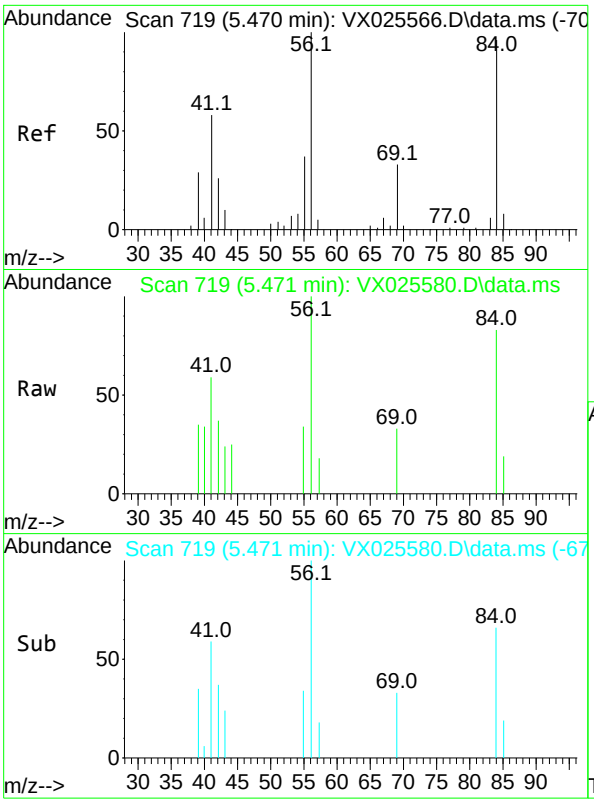


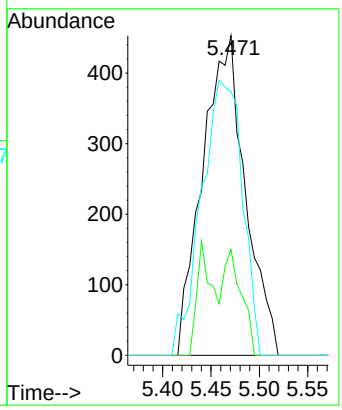


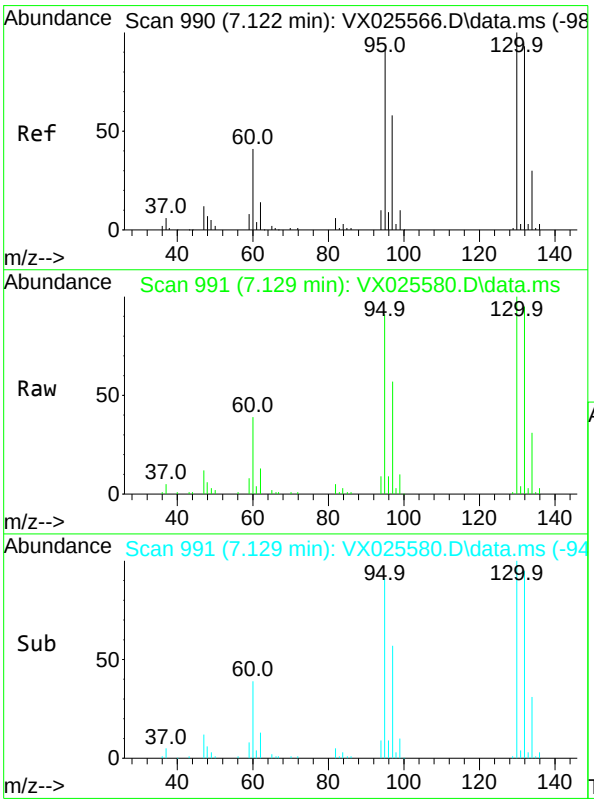
#29
Cyclohexane
Concen: 1.474 ug/L
RT: 5.471 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX025580.D
Acq: 07 Dec 2021 15:30

Instrument :
MSVOA_X
ClientSampleId :
EW9G0ME

Tgt Ion: 56 Resp: 1390

Ion	Ratio	Lower	Upper
56	100		
69	13.7	25.4	38.2#
84	79.8	76.6	114.8

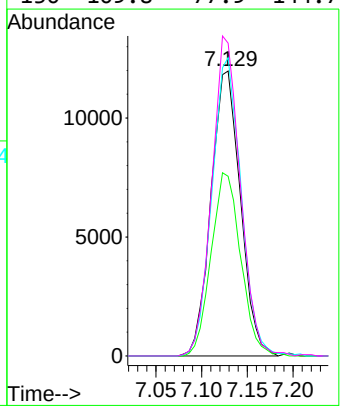


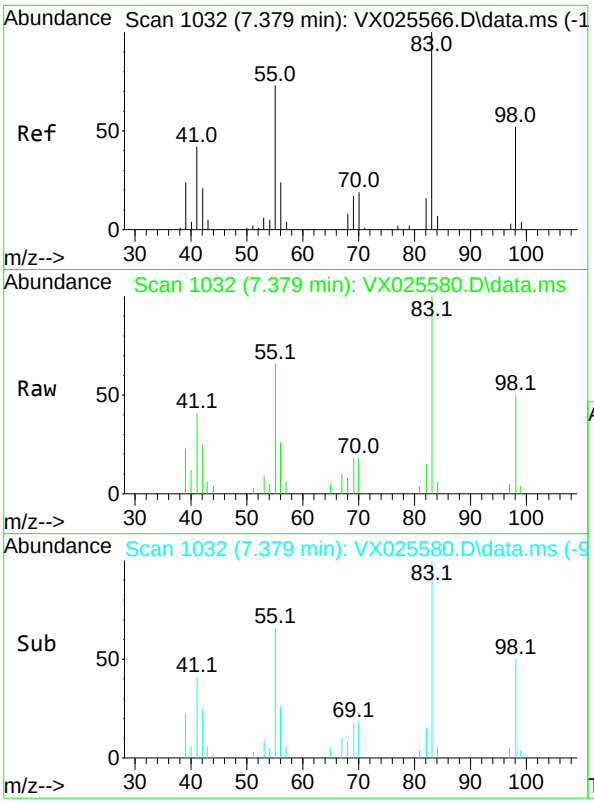


#34
Trichloroethene
Concen: 41.357 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025580.D
Acq: 07 Dec 2021 15:30

Tgt Ion: 95 Resp: 26757

Ion	Ratio	Lower	Upper
95	100		
97	63.1	46.0	85.4
132	104.7	75.0	139.2
130	109.8	77.9	144.7



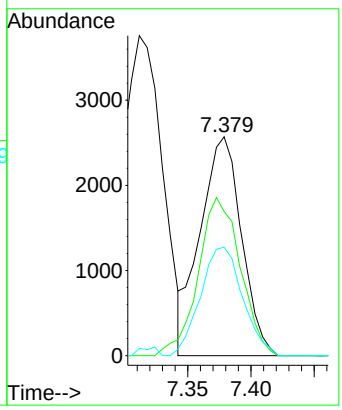


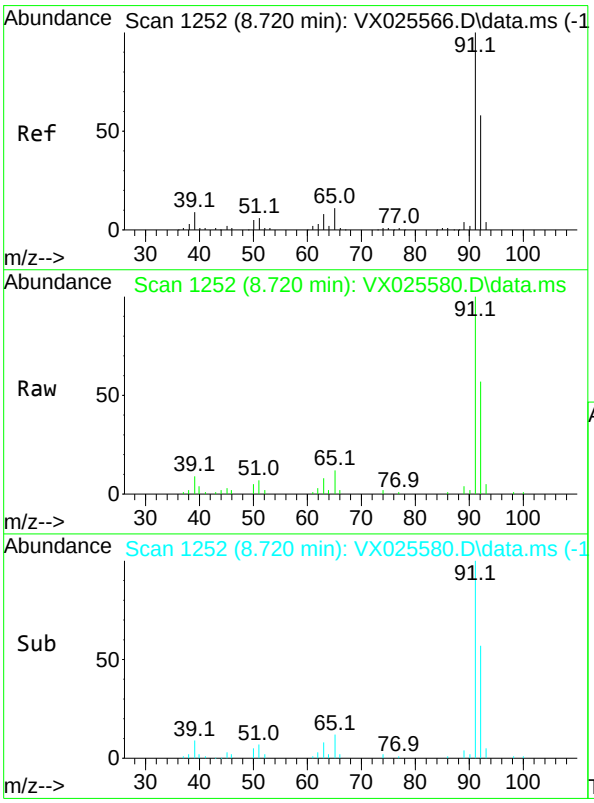
#35
Methylcyclohexane
Concen: 5.745 ug/L
RT: 7.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025580.D
Acq: 07 Dec 2021 15:30

Instrument :
MSVOA_X
ClientSampleId :
EW9G0ME

Tgt Ion: 83 Resp: 5850

Ion	Ratio	Lower	Upper
83	100		
55	73.5	57.3	85.9
98	50.4	41.1	61.7

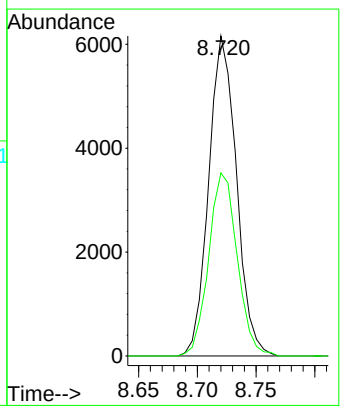


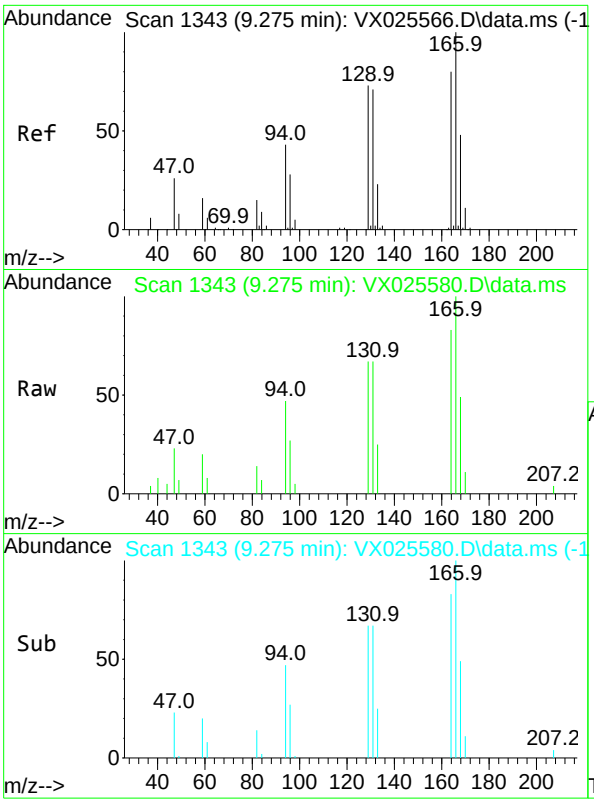


#42
Toluene
Concen: 3.732 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025580.D
Acq: 07 Dec 2021 15:30

Tgt Ion: 91 Resp: 10123

Ion	Ratio	Lower	Upper
91	100		
92	57.2	41.2	76.6



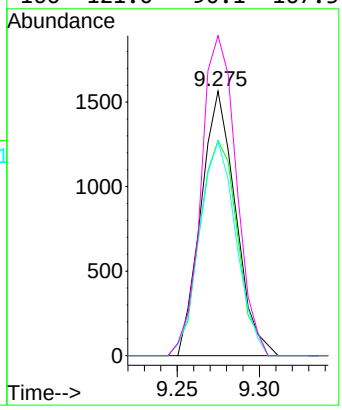


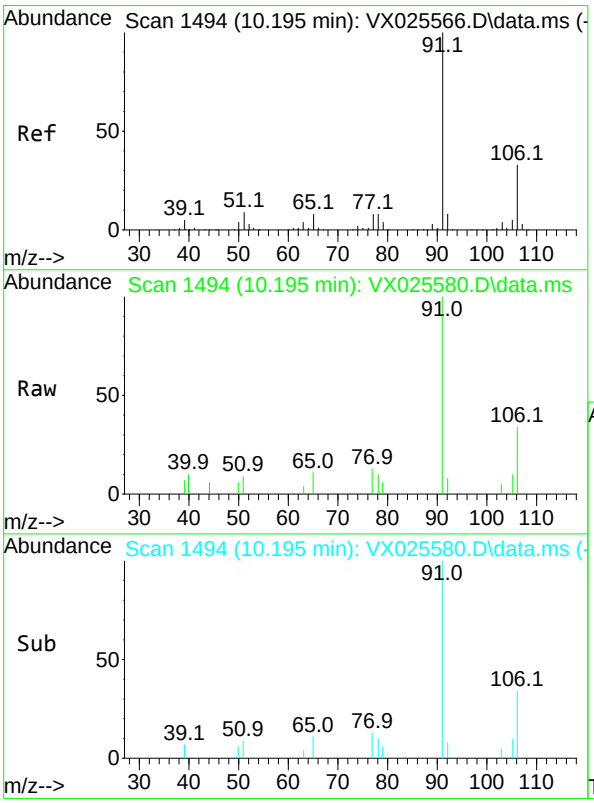
#46
Tetrachloroethene
Concen: 4.172 ug/L
RT: 9.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025580.D
Acq: 07 Dec 2021 15:30

Instrument :
MSVOA_X
ClientSampleId :
EW9G0ME

Tgt Ion:164 Resp: 2289

Ion	Ratio	Lower	Upper
164	100		
129	81.3	64.7	120.1
131	81.1	63.2	117.4
166	121.0	90.1	167.3

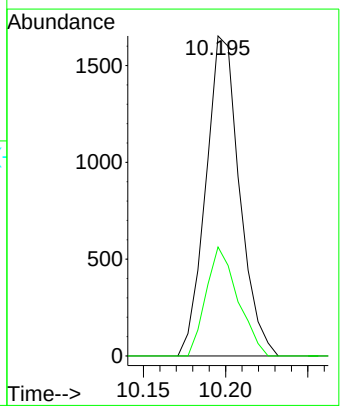


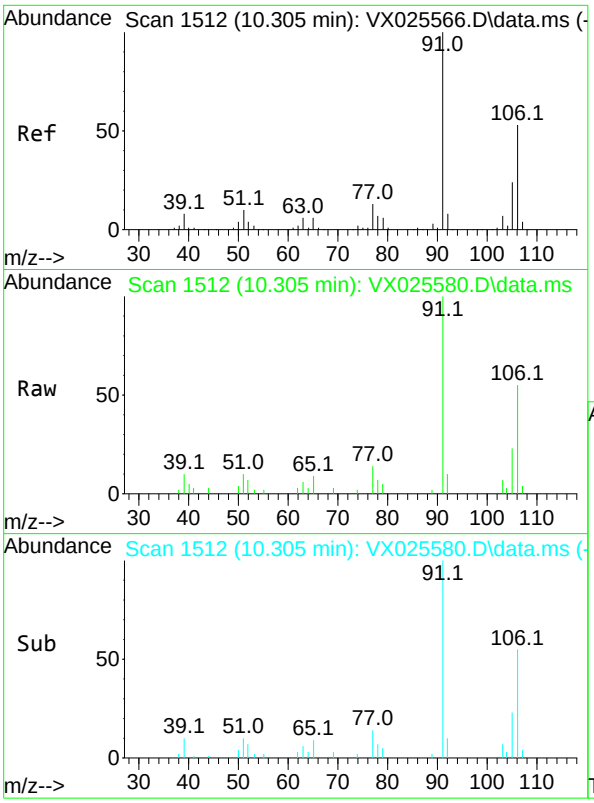


#52
Ethylbenzene
Concen: 0.807 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025580.D
Acq: 07 Dec 2021 15:30

Tgt Ion: 91 Resp: 2354

Ion	Ratio	Lower	Upper
91	100		
106	34.1	23.1	42.9



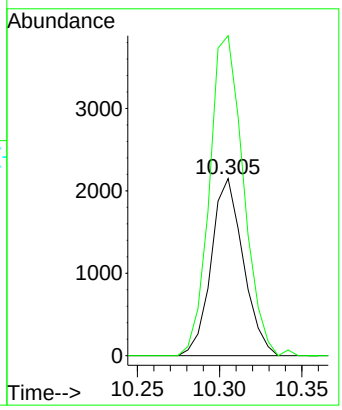


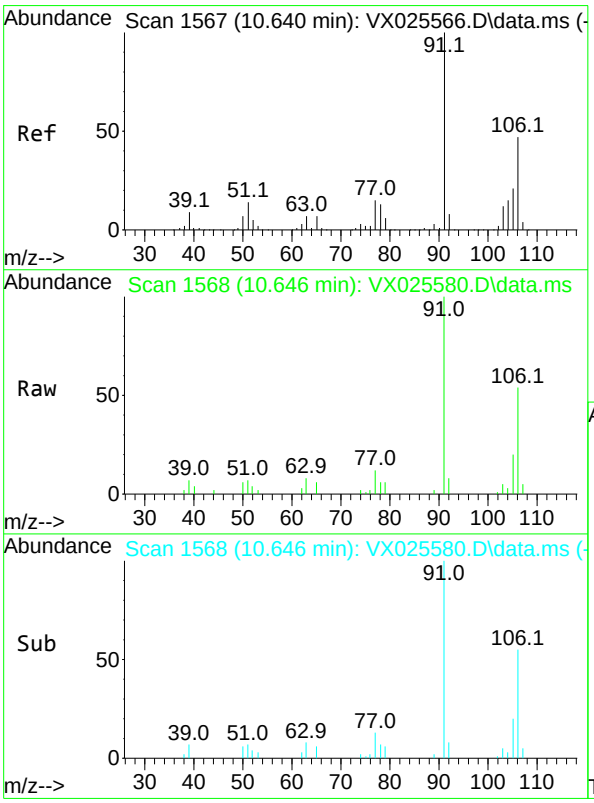
#53
m,p-Xylene
Concen: 2.471 ug/L
RT: 10.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025580.D
Acq: 07 Dec 2021 15:30

Instrument :
MSVOA_X
ClientSampleId :
EW9G0ME

Tgt Ion:106 Resp: 2918

Ion	Ratio	Lower	Upper
106	100		
91	180.6	136.8	254.2

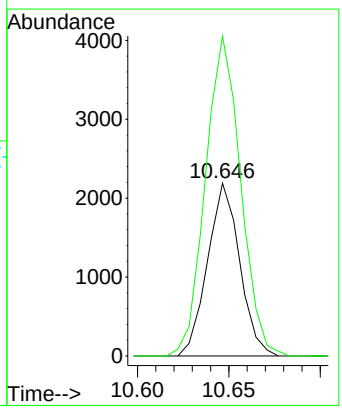


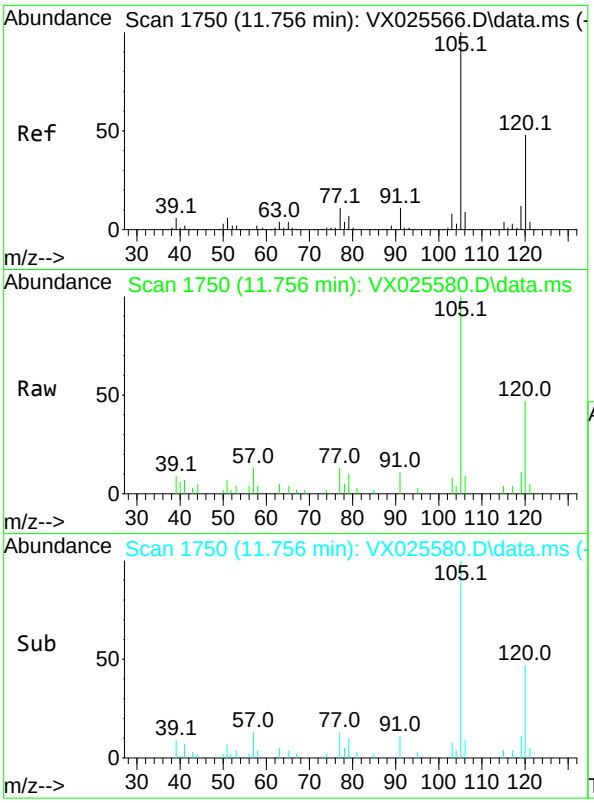


#54
o-Xylene
Concen: 2.265 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025580.D
Acq: 07 Dec 2021 15:30

Tgt Ion:106 Resp: 2678

Ion	Ratio	Lower	Upper
106	100		
91	185.2	140.5	260.9





#63
1,2,4-Trimethylbenzene
Concen: 1.430 ug/L
RT: 11.756 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025580.D
Acq: 07 Dec 2021 15:30

Instrument :
MSVOA_X
ClientSampleId :
EW9G0ME

Tgt Ion:105 Resp: 3529

Ion	Ratio	Lower	Upper
105	100		
120	44.1	0.1	0.1#